

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061126.D
 Acq On : 22 Apr 2020 13:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 22 14:54:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	197489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	321149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	294421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	139819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.76	65	14254	5.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.14%	
35) Dibromofluoromethane	7.31	113	9746	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
50) Toluene-d8	9.88	98	41941	5.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.50%	
62) 4-Bromofluorobenzene	12.21	95	15220	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.72	85	8981	4.018	ug/l 99
3) Chloromethane	1.91	50	11616	3.532	ug/l 96
4) Vinyl Chloride	2.03	62	14630	5.071	ug/l 99
5) Bromomethane	2.38	94	7120	4.943	ug/l 99
6) Chloroethane	2.52	64	7590	4.647	ug/l 95
7) Trichlorofluoromethane	2.82	101	16085	4.617	ug/l 99
8) Diethyl Ether	3.18	74	7508	5.301	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.50	101	10930	5.181	ug/l 98
10) Methyl Iodide	3.68	142	14974	7.220	ug/l 99
11) Tert butyl alcohol	4.44	59	8970	20.782	ug/l # 72
12) 1,1-Dichloroethene	3.48	96	10660	5.009	ug/l 99
13) Acrolein	3.35	56	5838	16.257	ug/l 95
14) Allyl chloride	4.03	41	18718	4.825	ug/l 98
15) Acrylonitrile	4.64	53	28037	23.568	ug/l 98
16) Acetone	3.55	43	32817	30.567	ug/l 98
17) Carbon Disulfide	3.78	76	31170	4.685	ug/l 99
18) Methyl Acetate	4.02	43	19918	5.843	ug/l 99
19) Methyl tert-butyl Ether	4.69	73	38569	5.174	ug/l 98
20) Methylene Chloride	4.24	84	12696	5.288	ug/l 95
21) trans-1,2-Dichloroethene	4.69	96	12880	5.594	ug/l 92
22) Diisopropyl ether	5.61	45	40086	4.829	ug/l 95
23) Vinyl Acetate	5.55	43	155786	23.807	ug/l 99
24) 1,1-Dichloroethane	5.51	63	22671	5.028	ug/l 98
25) 2-Butanone	6.51	43	37249	22.403	ug/l 100
26) 2,2-Dichloropropane	6.50	77	20397	5.393	ug/l 100
27) cis-1,2-Dichloroethene	6.50	96	14688	5.572	ug/l 96
28) Bromochloromethane	6.89	49	9534	4.679	ug/l # 99
29) Tetrahydrofuran	6.90	42	26963	23.820	ug/l 98
30) Chloroform	7.08	83	22780	5.352	ug/l 98
31) Cyclohexane	7.37	56	24799	5.396	ug/l # 96
32) 1,1,1-Trichloroethane	7.29	97	20032	5.425	ug/l 99
36) 1,1-Dichloropropene	7.52	75	17437	5.302	ug/l 98
37) Ethyl Acetate	6.61	43	15697	4.431	ug/l 97
38) Carbon Tetrachloride	7.50	117	15047	5.474	ug/l 100

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 Acq On : 22 Apr 2020 13:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Apr 22 14:54:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	21695	5.503	ug/l	97
40) Benzene	7.78	78	52032	5.333	ug/l	99
41) Methacrylonitrile	6.90	41	25396	16.915	ug/l #	1
42) 1,2-Dichloroethane	7.87	62	18992	5.686	ug/l	97
43) Isopropyl Acetate	7.91	43	29069	5.035	ug/l	100
44) Trichloroethene	8.60	130	15333	6.101	ug/l	98
45) 1,2-Dichloropropane	8.89	63	13635	5.193	ug/l	100
46) Dibromomethane	8.98	93	8453	5.492	ug/l	96
47) Bromodichloromethane	9.18	83	16965	5.262	ug/l	96
48) Methyl methacrylate	8.98	41	13308	5.178	ug/l	95
49) 1,4-Dioxane	8.97	88	4014	128.696	ug/l	97
51) 4-Methyl-2-Pentanone	9.78	43	82596	24.740	ug/l	100
52) Toluene	9.95	92	32429	5.509	ug/l	98
53) t-1,3-Dichloropropene	10.18	75	20692	5.518	ug/l	97
54) cis-1,3-Dichloropropene	9.63	75	21700	5.323	ug/l	94
55) 1,1,2-Trichloroethane	10.36	97	12210	5.470	ug/l	97
56) Ethyl methacrylate	10.24	69	17417	4.990	ug/l	95
57) 1,3-Dichloropropane	10.51	76	20902	5.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	45981	27.753	ug/l	99
59) 2-Hexanone	10.55	43	61073	25.297	ug/l	98
60) Dibromochloromethane	10.70	129	12343	5.359	ug/l	99
61) 1,2-Dibromoethane	10.81	107	12479	5.454	ug/l	100
64) Tetrachloroethene	10.43	164	17337	7.291	ug/l	98
65) Chlorobenzene	11.24	112	33362	5.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.31	131	11699	5.366	ug/l	98
67) Ethyl Benzene	11.32	91	62196	5.447	ug/l	99
68) m/p-Xylenes	11.43	106	46610	11.225	ug/l	100
69) o-Xylene	11.76	106	22102	5.536	ug/l	99
70) Styrene	11.77	104	34073	5.302	ug/l	97
71) Bromoform	11.93	173	8059	4.956	ug/l #	98
73) Isopropylbenzene	12.06	105	58951	5.283	ug/l	100
74) N-amyl acetate	11.89	43	25231	4.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.32	83	15771	4.729	ug/l	100
76) 1,2,3-Trichloropropane	12.36	75	24048	7.695	ug/l #	100
77) Bromobenzene	12.33	156	14610	5.563	ug/l	100
78) n-propylbenzene	12.40	91	69972	5.377	ug/l	99
79) 2-Chlorotoluene	12.48	91	40717	5.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.55	105	50092	5.434	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.11	75	6531	5.221	ug/l #	94
82) 4-Chlorotoluene	12.58	91	42139	5.322	ug/l	100
83) tert-Butylbenzene	12.80	119	41234	5.301	ug/l	96
84) 1,2,4-Trimethylbenzene	12.85	105	49223	5.399	ug/l	99
85) sec-Butylbenzene	12.98	105	55983	5.331	ug/l	99
86) p-Isopropyltoluene	13.10	119	51772	5.521	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	25690	5.514	ug/l	99
88) 1,4-Dichlorobenzene	13.17	146	26461	5.633	ug/l	96
89) n-Butylbenzene	13.43	91	46549	5.359	ug/l	100
90) Hexachloroethane	13.68	117	3347	2.489	ug/l	94
91) 1,2-Dichlorobenzene	13.46	146	23929	5.393	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.08	75	3343	5.125	ug/l	96

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Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Apr 22 14:54:52 2020
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Quant Title : SW846 8260
QLast Update : Wed Apr 22 14:48:06 2020
Response via : Initial Calibration

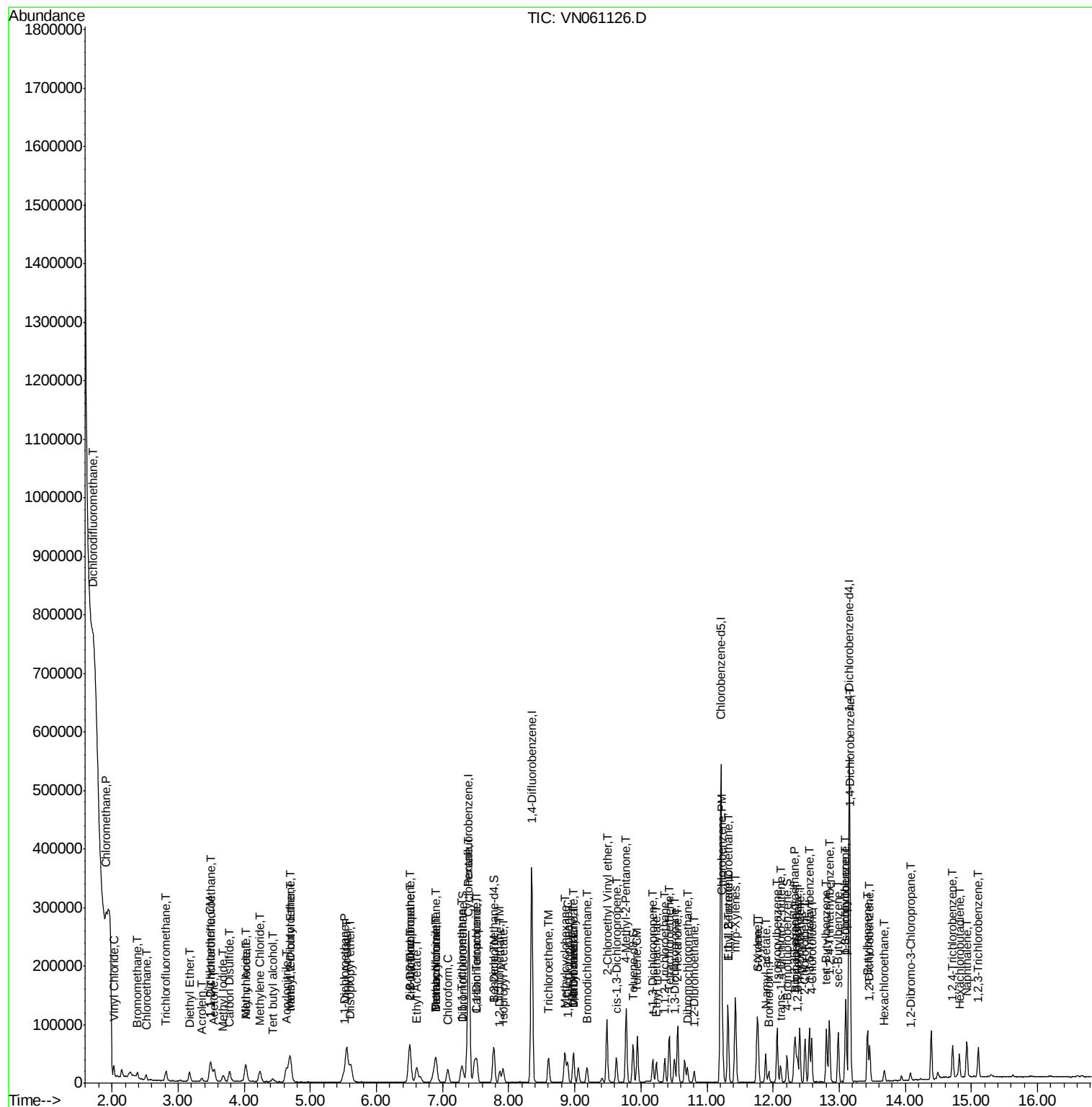
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.71	180	15522	5.859	ug/l	98
94) Hexachlorobutadiene	14.82	225	7080	5.307	ug/l	98
95) Naphthalene	14.93	128	47642	6.082	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	14940	5.848	ug/l	99

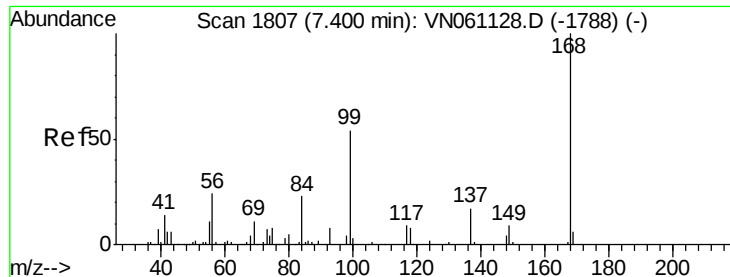
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042220\
Data File : VN061126.D
Acq On : 22 Apr 2020 13:36
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Apr 22 14:54:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 22 14:48:06 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

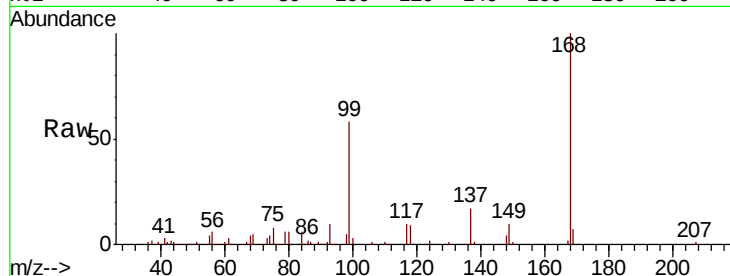
VSTDIC005

Tot Ion:168 Resp: 197489

Ion Ratio Lower Upper

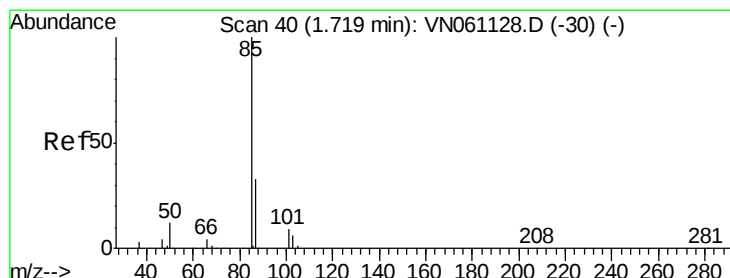
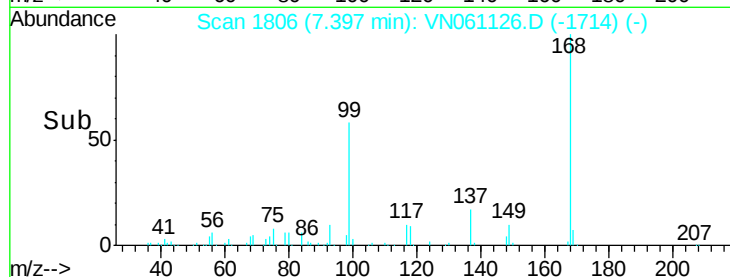
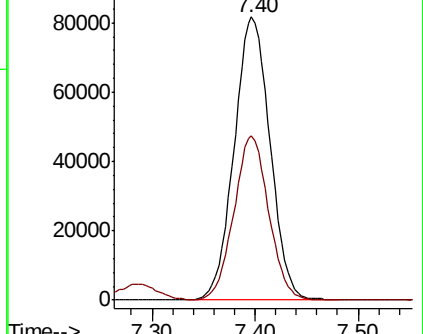
168 100

99 58.0 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 4.018 ug/l

RT: 1.72 min Scan# 40

Delta R.T. -0.00 min

Lab File: VN061126.D

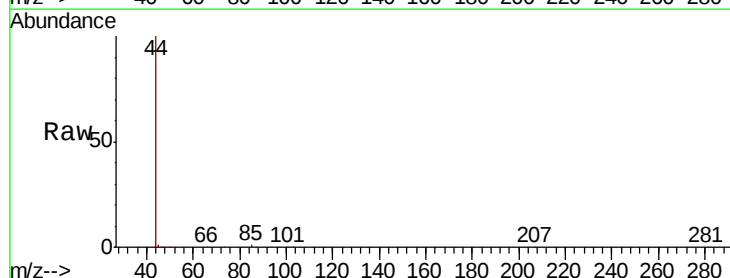
Acq: 22 Apr 2020 13:36

Tgt Ion: 85 Resp: 8981

Ion Ratio Lower Upper

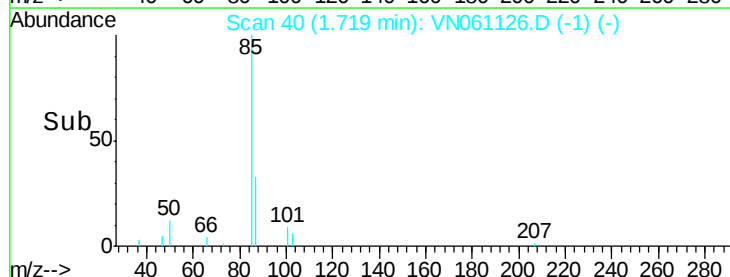
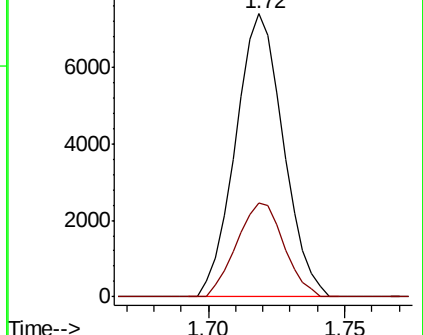
85 100

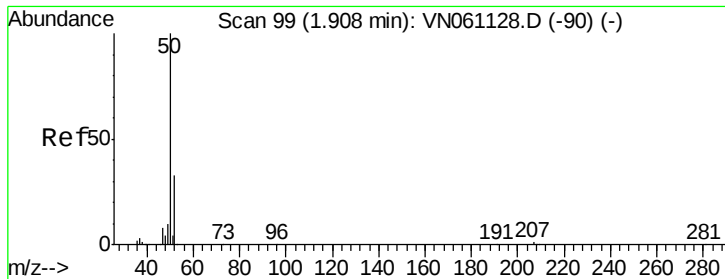
87 33.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 3.532 ug/l

RT: 1.91 min Scan# 99

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

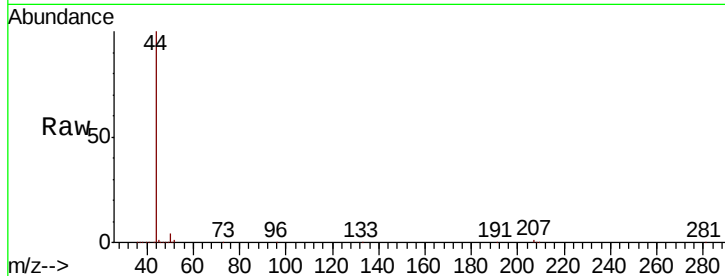
VSTDIC005

Tot Ion: 50 Resp: 11616

Ion Ratio Lower Upper

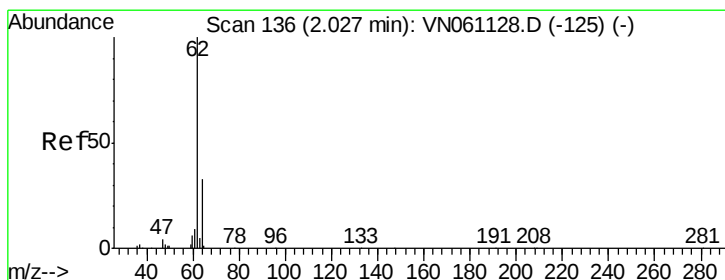
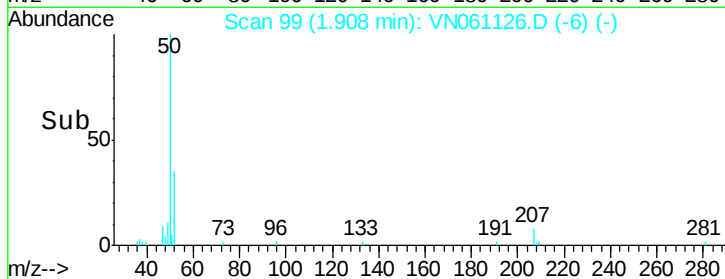
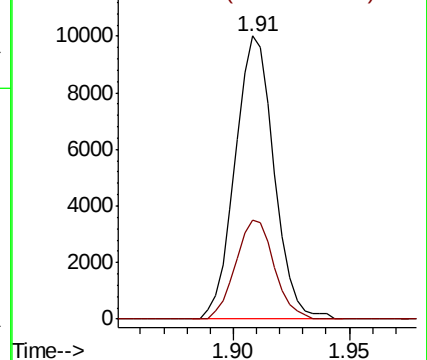
50 100

52 35.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN061126.D (-90) (-)

Ion 51.90 (51.60 to 52.60): VN061126.D (-90) (-)



#4

Vinyl Chloride

Concen: 5.071 ug/l

RT: 2.03 min Scan# 136

Delta R.T. -0.00 min

Lab File: VN061126.D

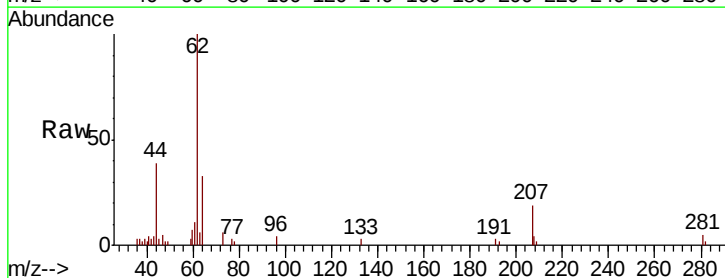
Acq: 22 Apr 2020 13:36

Tgt Ion: 62 Resp: 14630

Ion Ratio Lower Upper

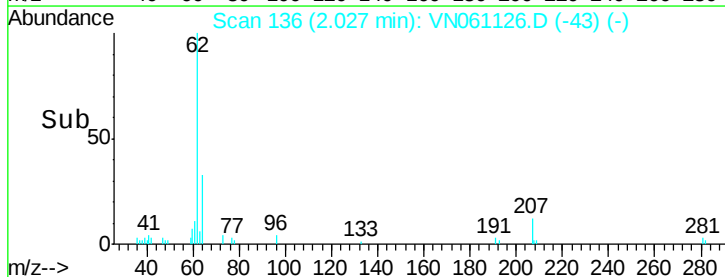
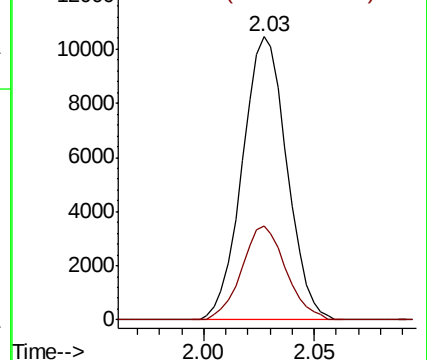
62 100

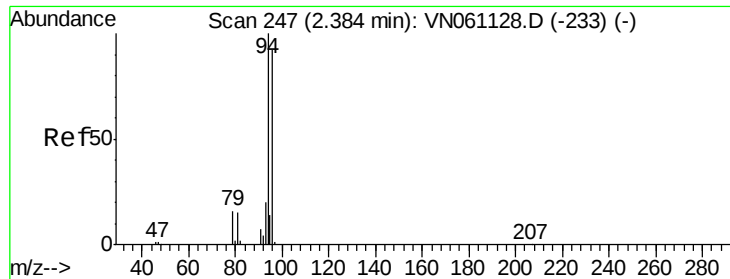
64 33.0 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VN061126.D (-125) (-)

Ion 63.90 (63.60 to 64.60): VN061126.D (-125) (-)





#5

Bromomethane

Concen: 4.943 ug/l

RT: 2.38 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

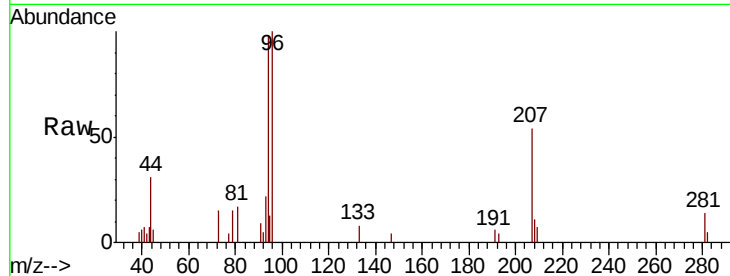
VSTDIC005

Tot Ion: 94 Resp: 7120

Ion Ratio Lower Upper

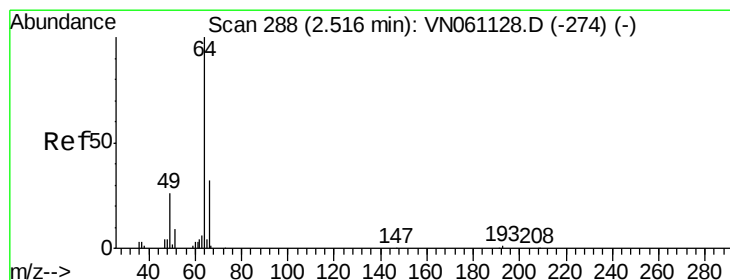
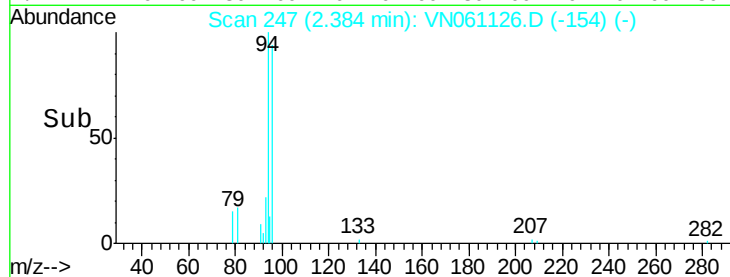
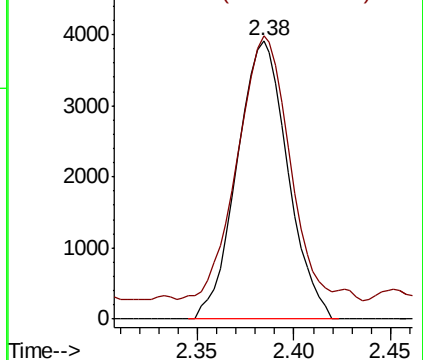
94 100

96 93.3 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 4.647 ug/l

RT: 2.52 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN061126.D

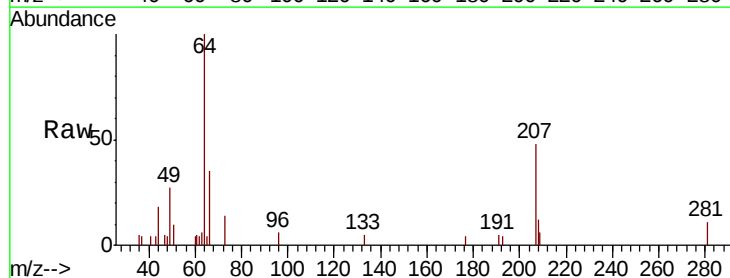
Acq: 22 Apr 2020 13:36

Tgt Ion: 64 Resp: 7590

Ion Ratio Lower Upper

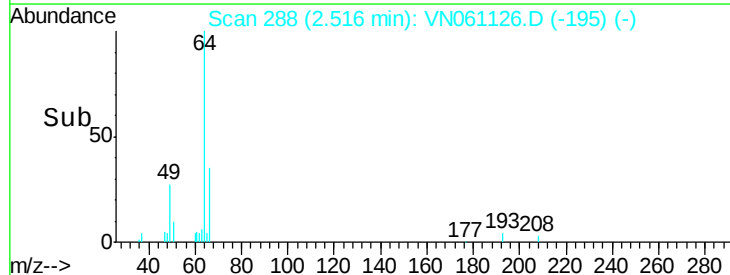
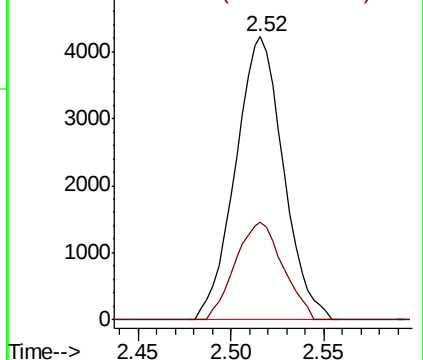
64 100

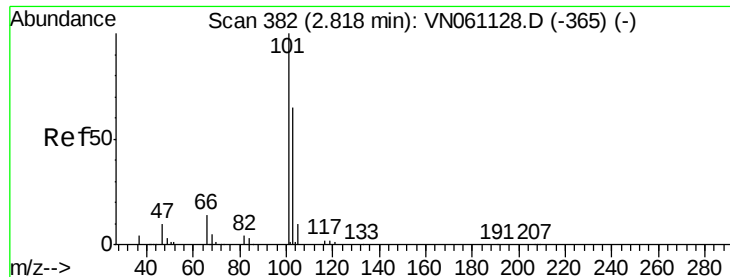
66 34.7 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



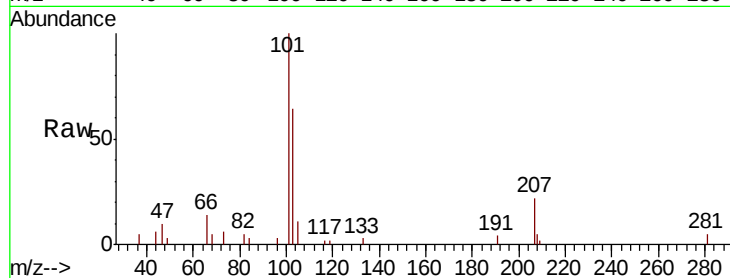


#7

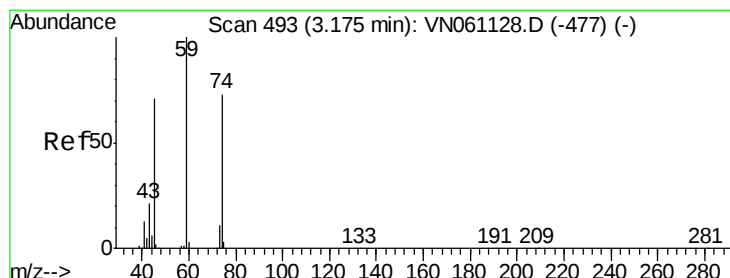
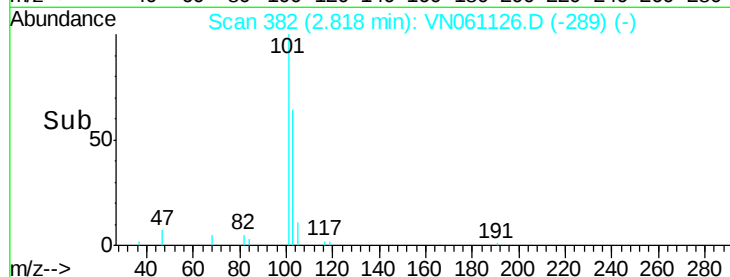
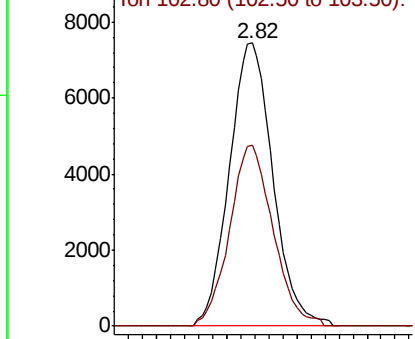
Trichlorofluoromethane
 Concen: 4.617 ug/l
 RT: 2.82 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:101 Resp: 16085
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.1 78.1



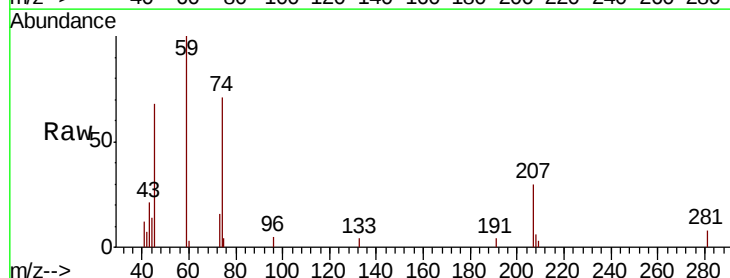
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



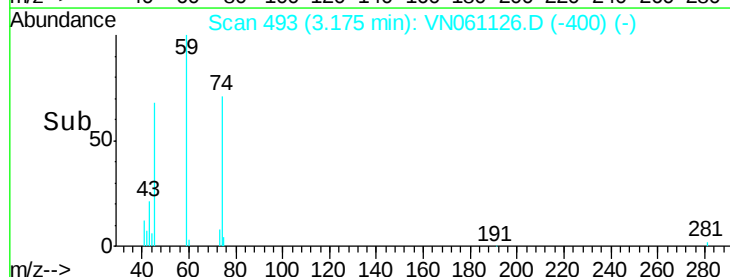
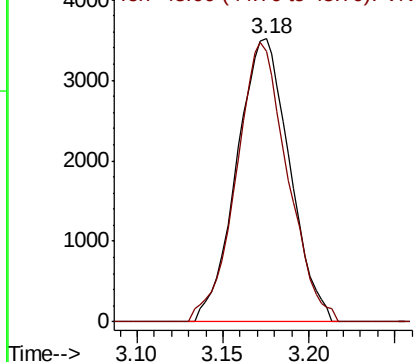
#8

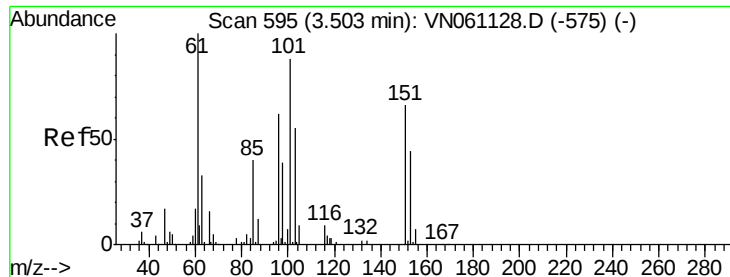
Diethyl Ether
 Concen: 5.301 ug/l
 RT: 3.18 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VN061126.D
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Tgt Ion: 74 Resp: 7508
 Ion Ratio Lower Upper
 74 100
 45 95.6 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.181 ug/l

RT: 3.50 min Scan# 595

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

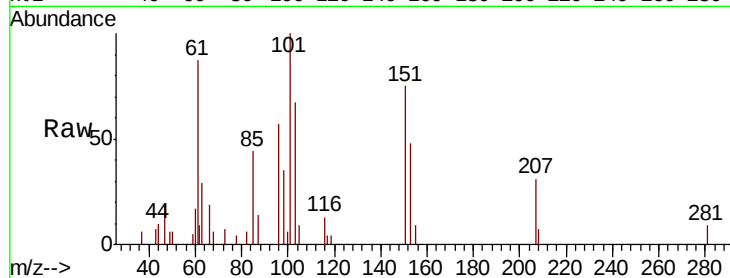
Tot Ion:101 Resp: 10930

Ion Ratio Lower Upper

101 100

85 43.2 36.2 54.4

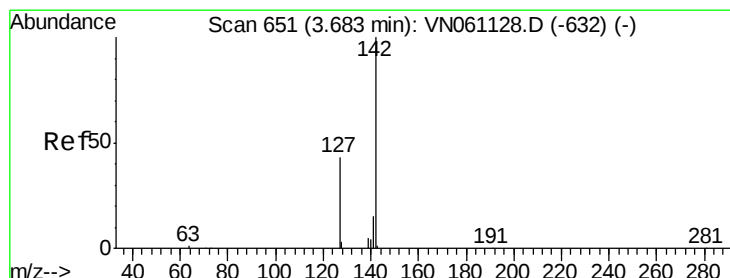
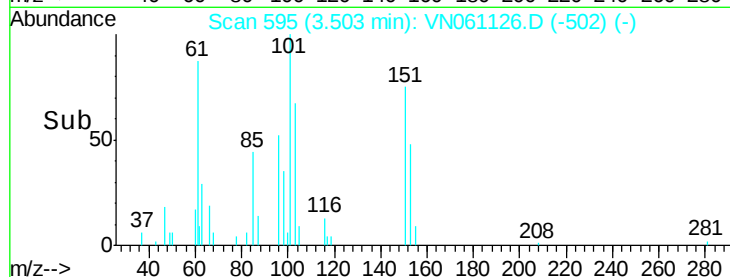
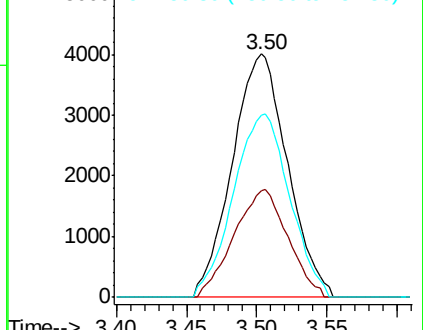
151 76.8 61.8 92.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.220 ug/l

RT: 3.68 min Scan# 650

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

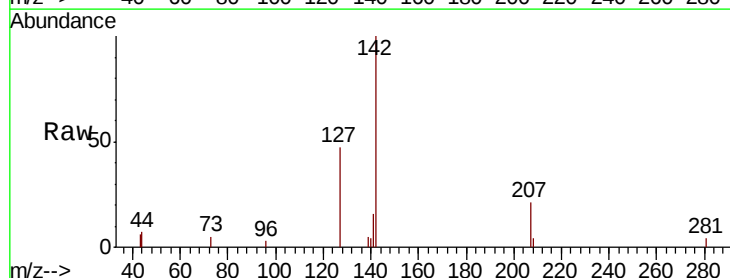
Tgt Ion:142 Resp: 14974

Ion Ratio Lower Upper

142 100

127 43.5 34.2 51.4

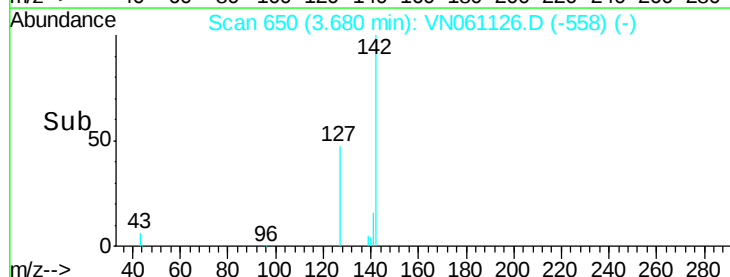
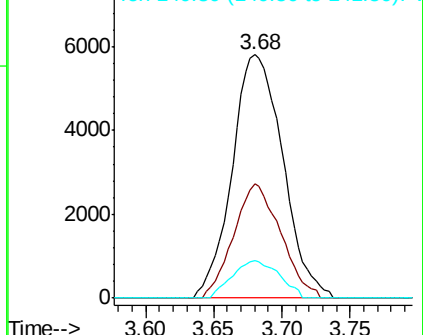
141 14.4 11.3 16.9

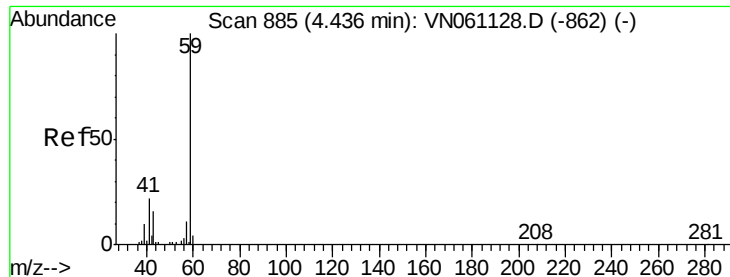


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



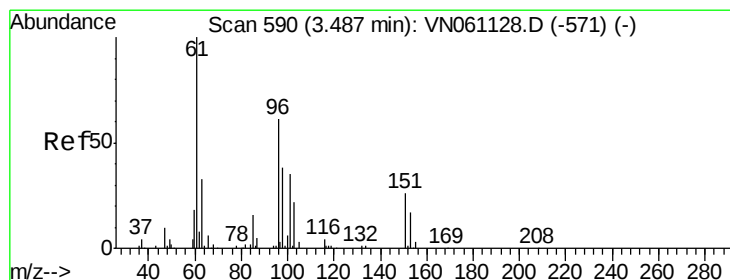
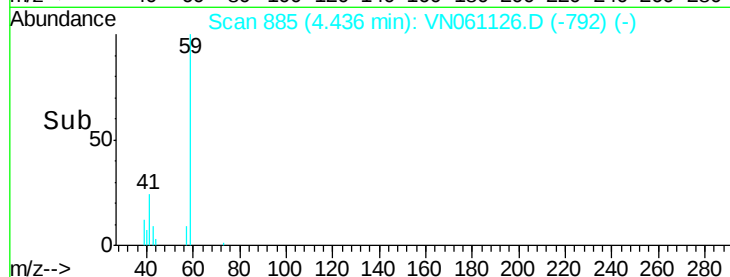
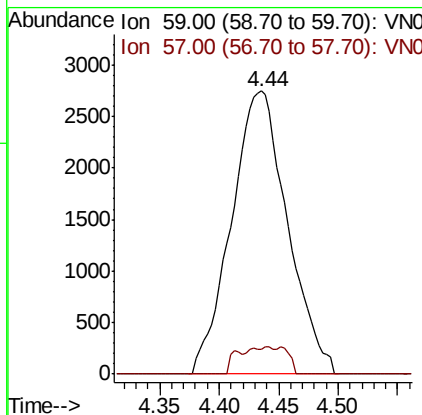
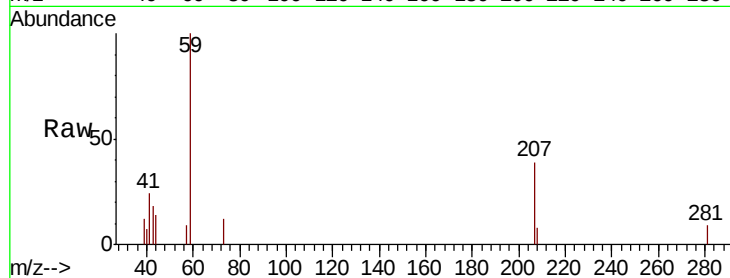


#11

Tert butyl alcohol
 Concen: 20.782 ug/l
 RT: 4.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

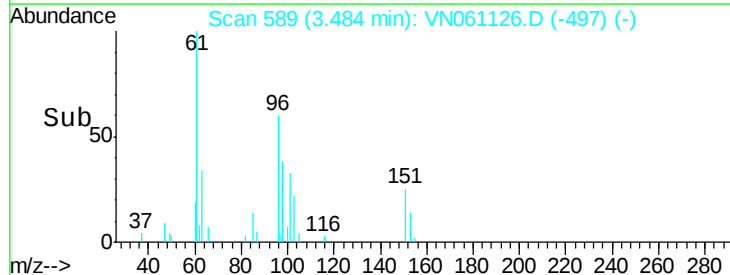
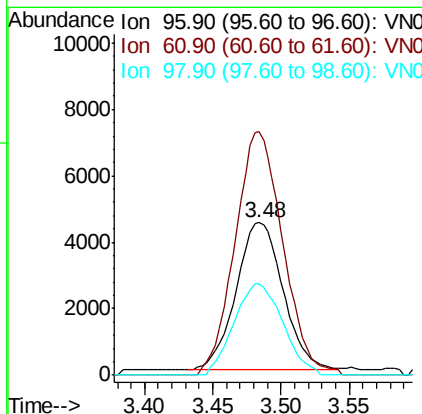
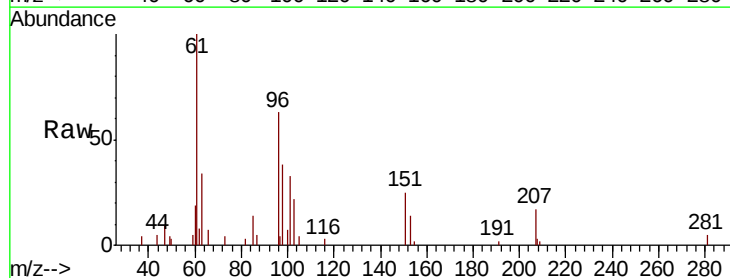
Tot Ion: 59 Resp: 8970
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

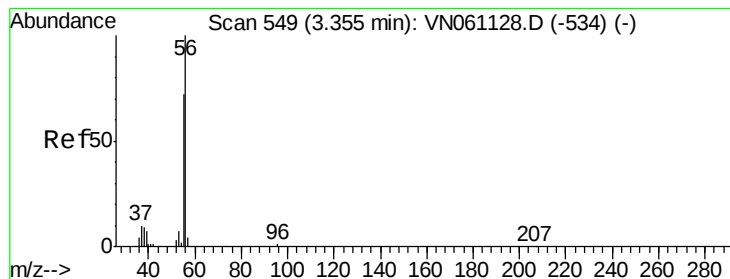


#12

1,1-Dichloroethene
 Concen: 5.009 ug/l
 RT: 3.48 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion: 96 Resp: 10660
 Ion Ratio Lower Upper
 96 100
 61 165.0 130.8 196.2
 98 62.1 49.4 74.2





#13

Acrolein

Concen: 16.257 ug/l

RT: 3.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

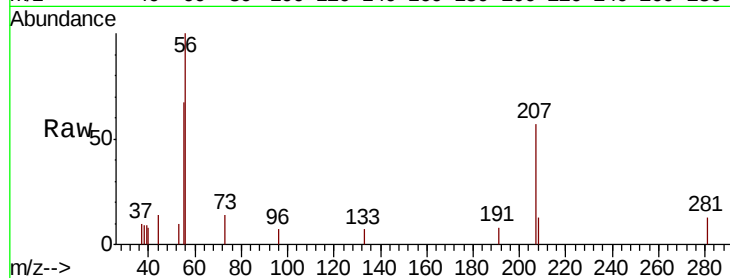
VSTDIC005

Tot Ion: 56 Resp: 5838

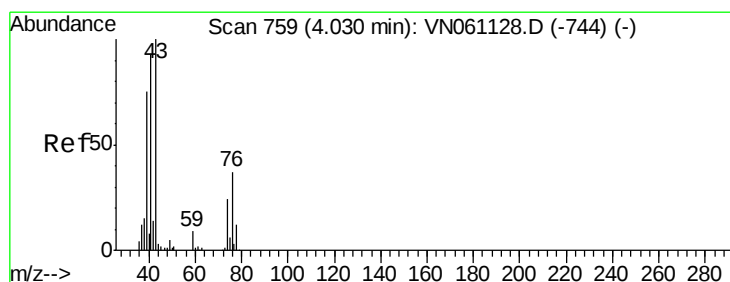
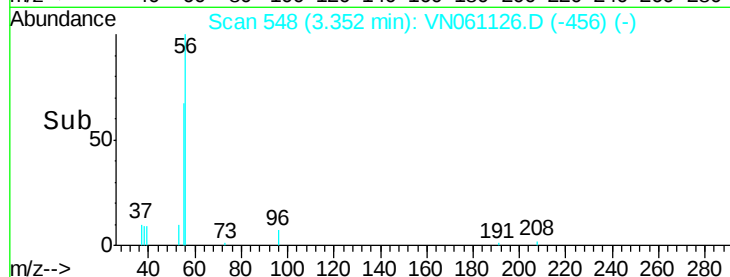
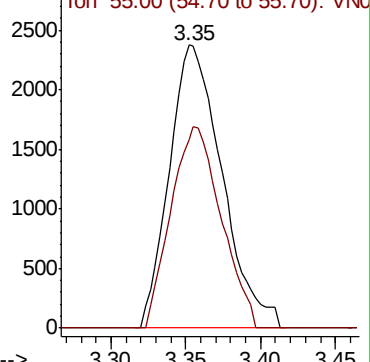
Ion Ratio Lower Upper

56 100

55 67.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN061126.D (-456) (-)



#14

Allyl chloride

Concen: 4.825 ug/l

RT: 4.03 min Scan# 758

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

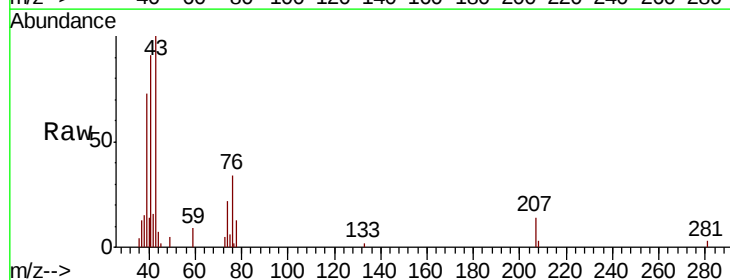
Tgt Ion: 41 Resp: 18718

Ion Ratio Lower Upper

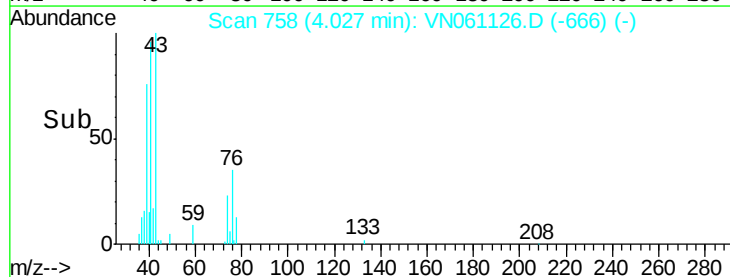
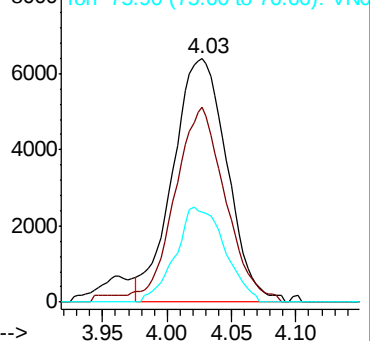
41 100

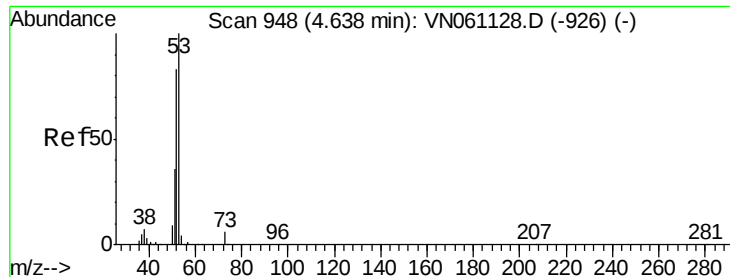
39 74.7 61.0 91.4

76 35.3 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VN061126.D (-666) (-)





#15

Acrylonitrile

Concen: 23.568 ug/l

RT: 4.64 min Scan# 948

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

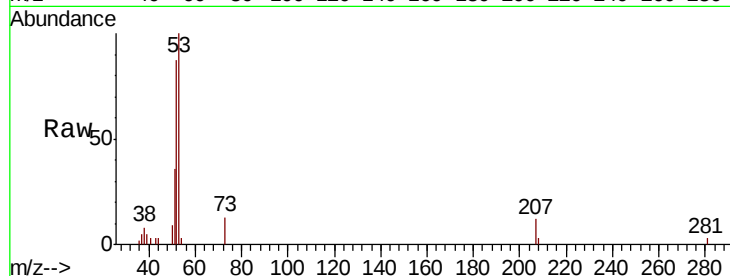
Tot Ion: 53 Resp: 28037

Ion Ratio Lower Upper

53 100

52 85.6 66.1 99.1

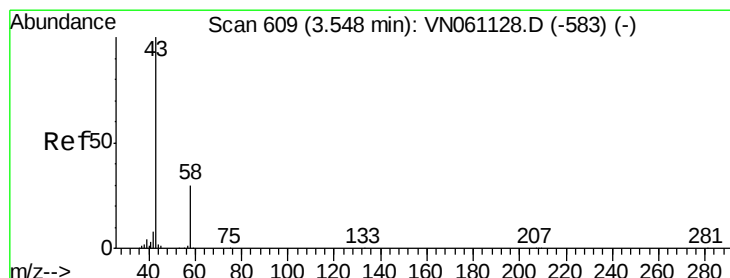
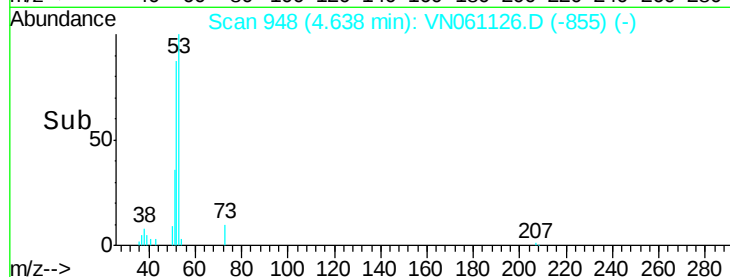
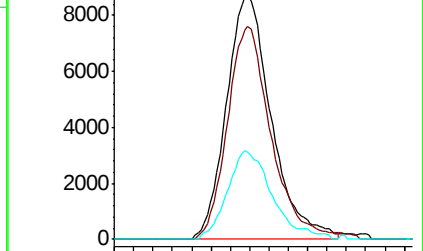
51 36.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VN061126.D (-855) (-)

Ion 52.00 (51.70 to 52.70): VN061126.D (-855) (-)

Ion 51.00 (50.70 to 51.70): VN061126.D (-855) (-)



#16

Acetone

Concen: 30.567 ug/l

RT: 3.55 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN061126.D

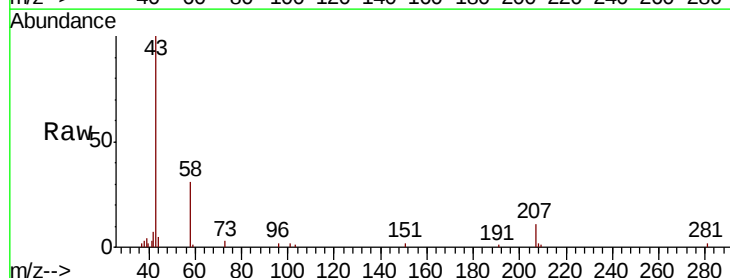
Acq: 22 Apr 2020 13:36

Tgt Ion: 43 Resp: 32817

Ion Ratio Lower Upper

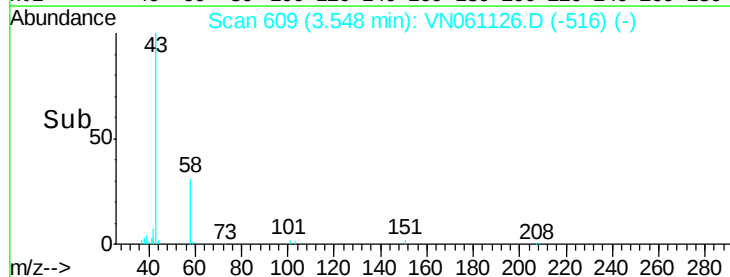
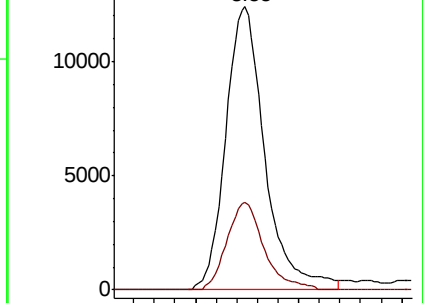
43 100

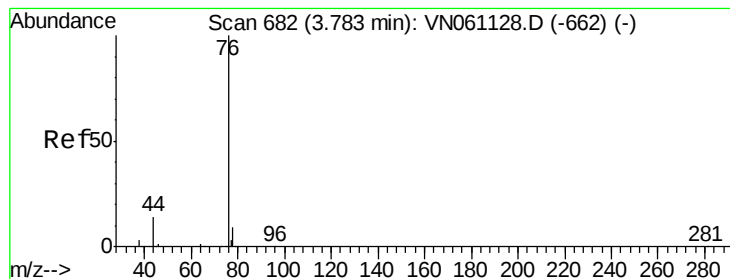
58 30.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN061126.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VN061126.D (-516) (-)





#17

Carbon Disulfide

Concen: 4.685 ug/l

RT: 3.78 min Scan# 681

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

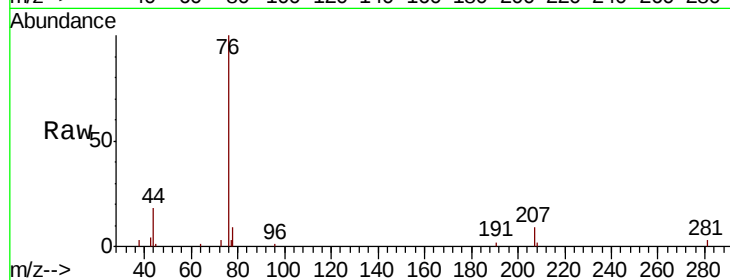
VSTDIC005

Tot Ion: 76 Resp: 31170

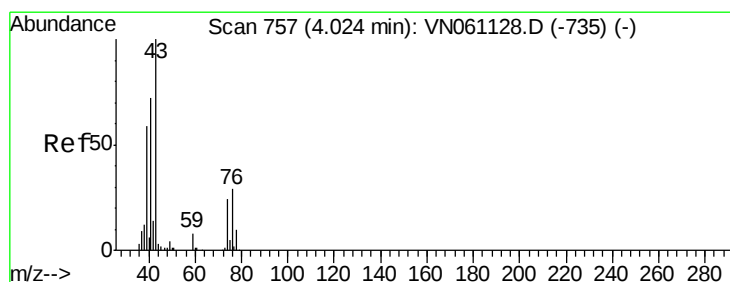
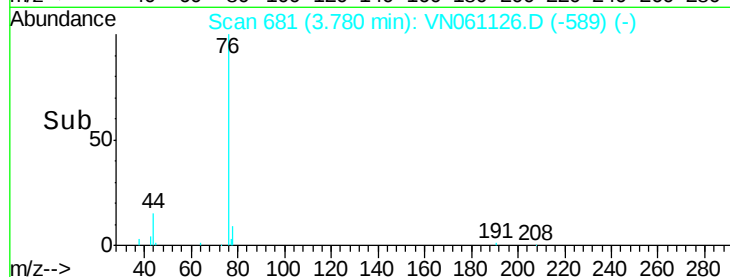
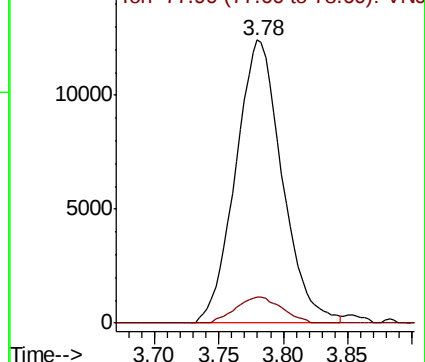
Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 5.843 ug/l

RT: 4.02 min Scan# 756

Delta R.T. -0.00 min

Lab File: VN061126.D

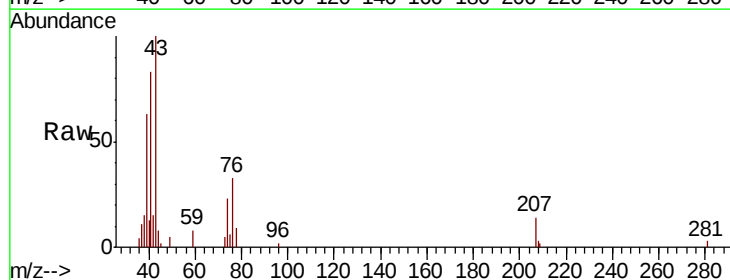
Acq: 22 Apr 2020 13:36

Tgt Ion: 43 Resp: 19918

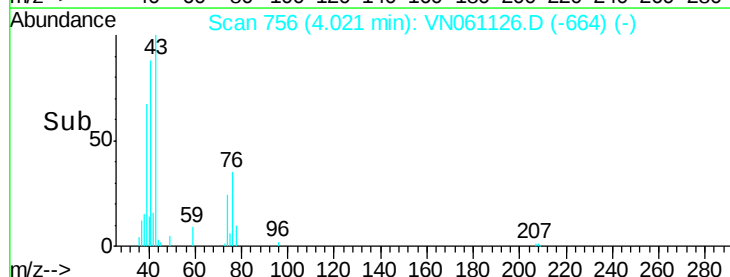
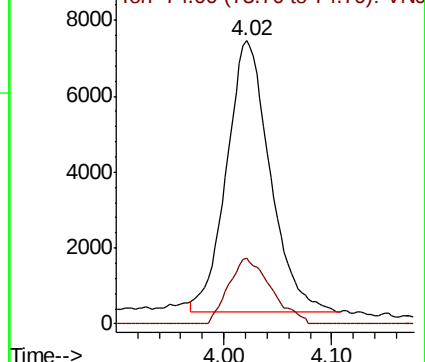
Ion Ratio Lower Upper

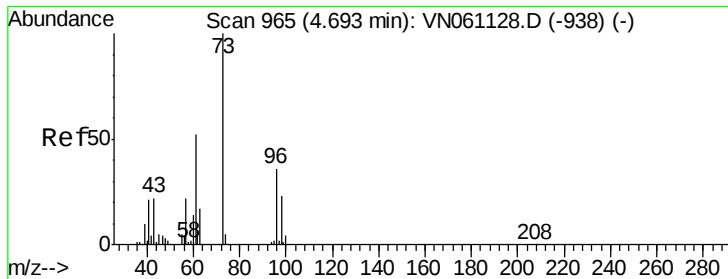
43 100

74 23.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



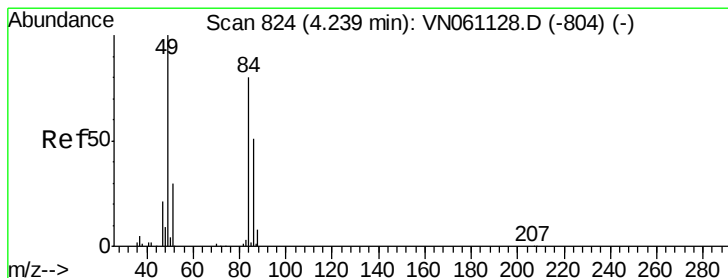
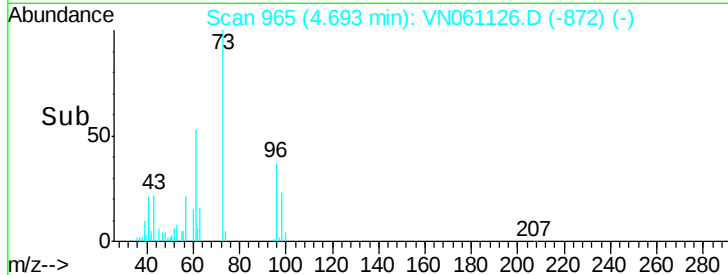
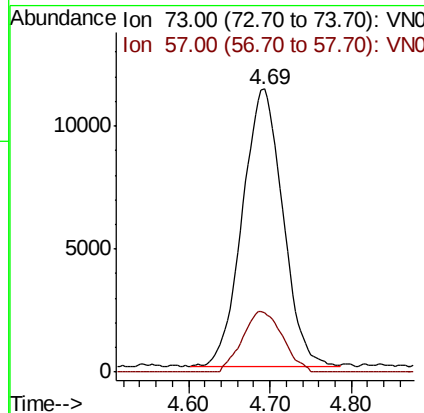
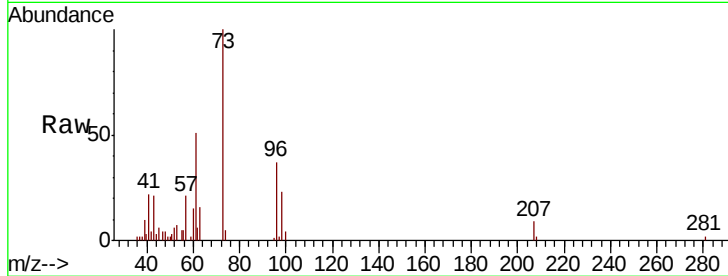


#19

Methyl tert-butyl Ether
 Concen: 5.174 ug/l
 RT: 4.69 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

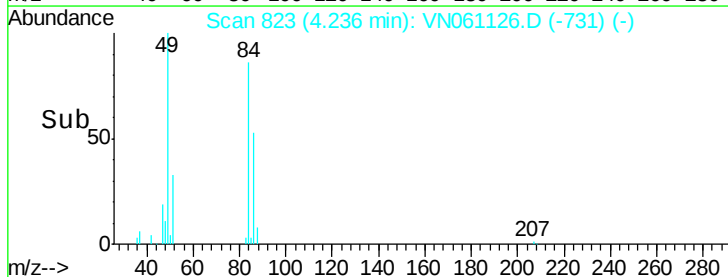
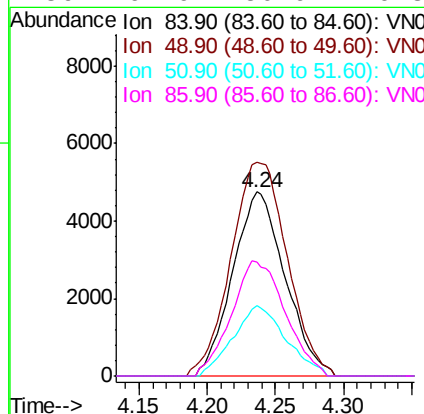
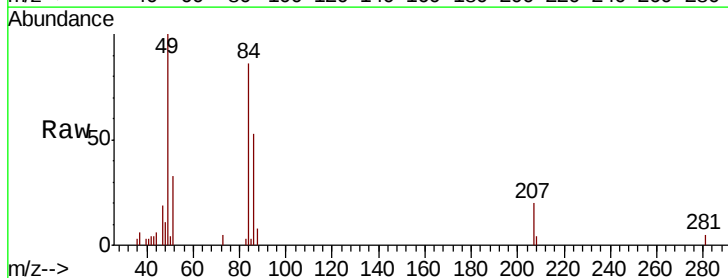
Tot Ion: 73 Resp: 38569
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.8 26.8

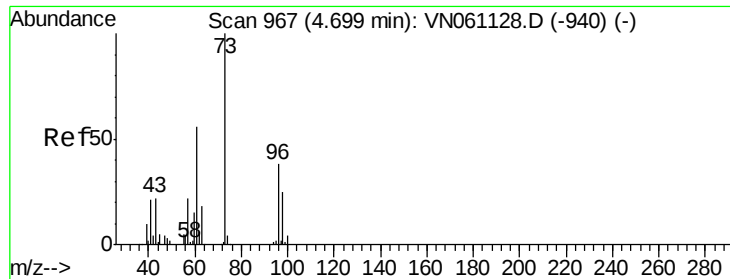


#20

Methylene Chloride
 Concen: 5.288 ug/l
 RT: 4.24 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion: 84 Resp: 12696
 Ion Ratio Lower Upper
 84 100
 49 116.2 99.8 149.6
 51 38.1 29.9 44.9
 86 61.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 5.594 ug/l

RT: 4.69 min Scan# 964

Delta R.T. -0.01 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

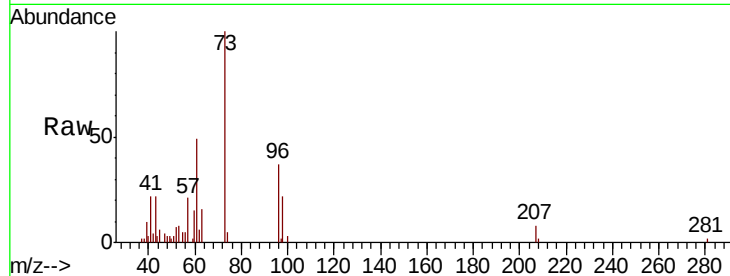
Tot Ion: 96 Resp: 12880

Ion Ratio Lower Upper

96 100

61 134.9 116.4 174.6

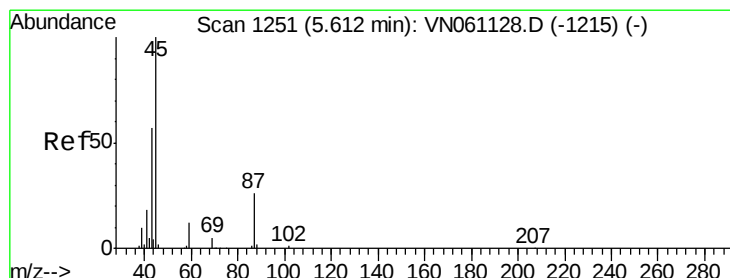
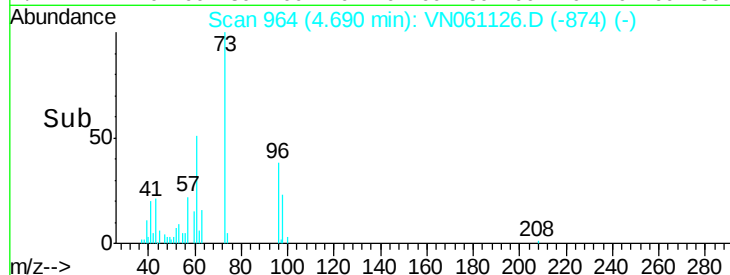
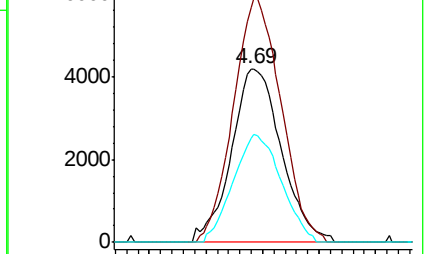
98 60.0 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN061126.D (-874) (-)

Ion 60.90 (60.60 to 61.60): VN061126.D (-874) (-)

Ion 97.90 (97.60 to 98.60): VN061126.D (-874) (-)



#22

Diisopropyl ether

Concen: 4.829 ug/l

RT: 5.61 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Tgt Ion: 45 Resp: 40086

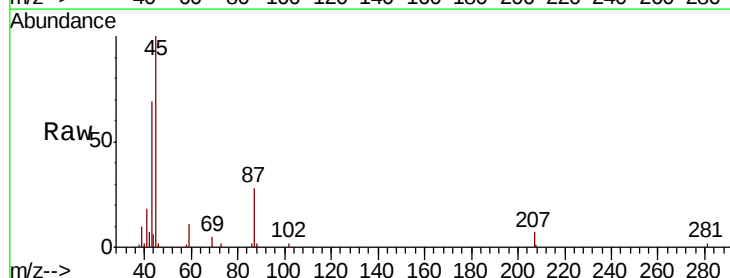
Ion Ratio Lower Upper

45 100

43 65.5 48.4 72.6

87 27.7 21.4 32.0

59 10.8 9.4 14.2

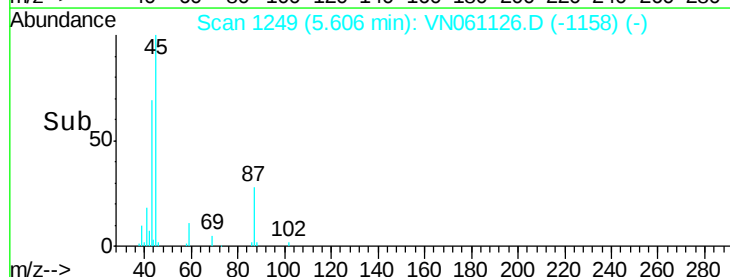
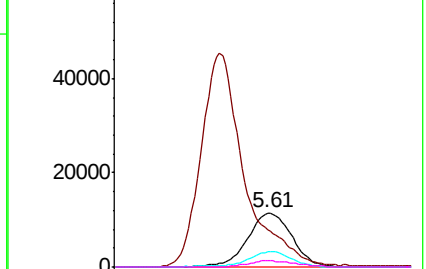


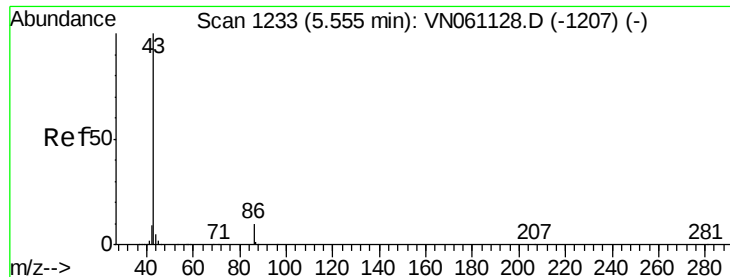
Abundance Ion 45.00 (44.70 to 45.70): VN061126.D (-1158) (-)

Ion 43.00 (42.70 to 43.70): VN061126.D (-1158) (-)

Ion 87.00 (86.70 to 87.70): VN061126.D (-1158) (-)

Ion 59.00 (58.70 to 59.70): VN061126.D (-1158) (-)





#23

Vinyl Acetate

Concen: 23.807 ug/l

RT: 5.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

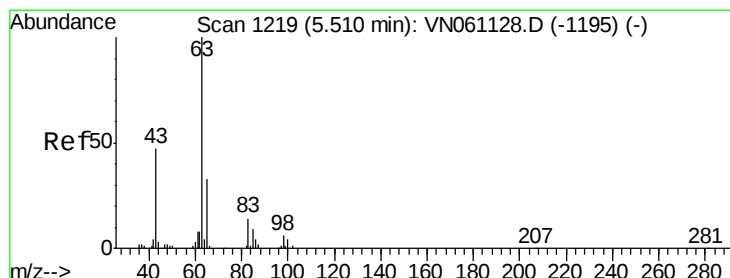
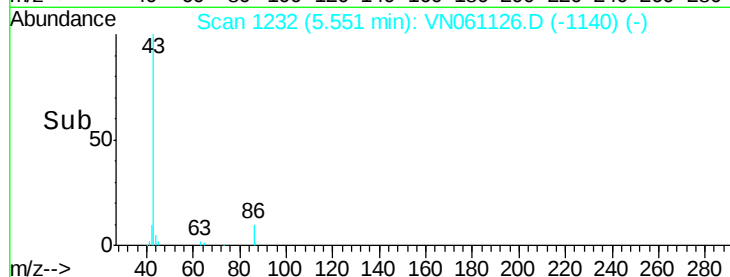
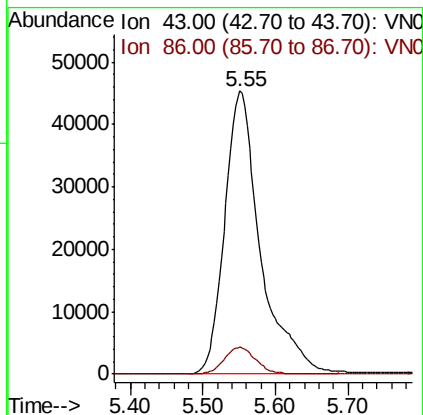
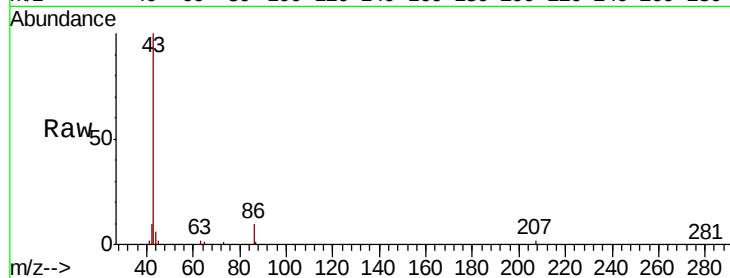
VSTDIC005

Tot Ion: 43 Resp: 155786

Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 5.028 ug/l

RT: 5.51 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

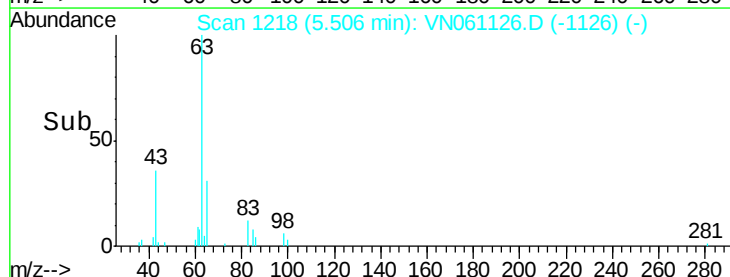
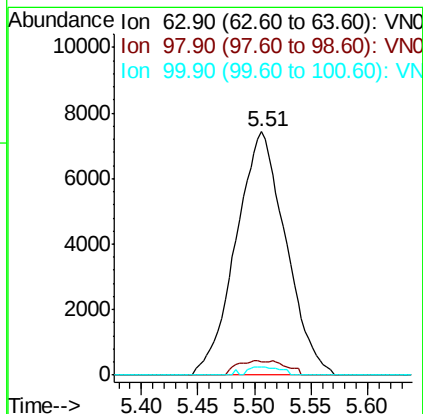
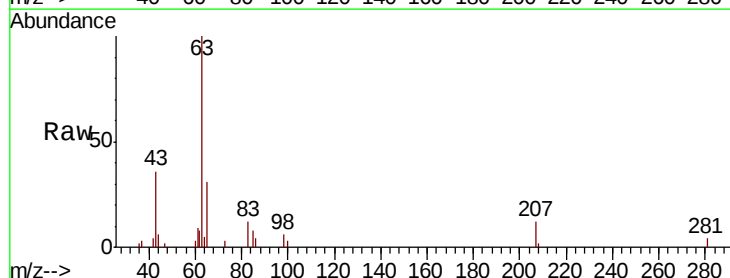
Tgt Ion: 63 Resp: 22671

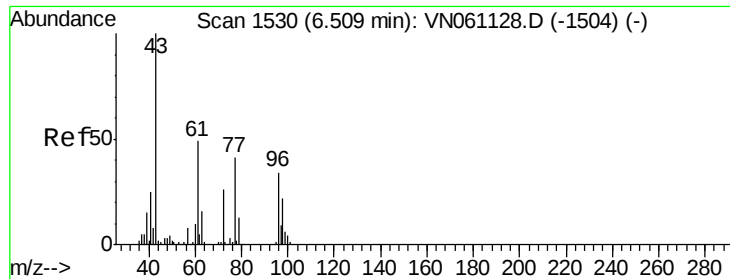
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

100 3.5 2.0 6.0

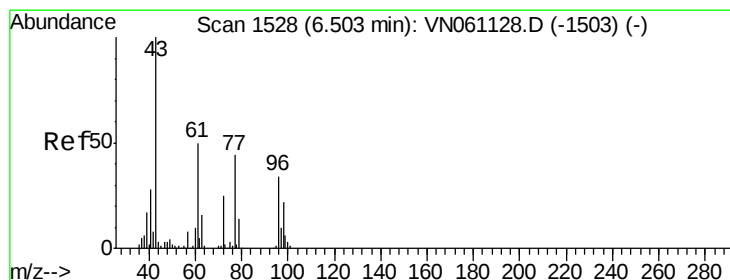
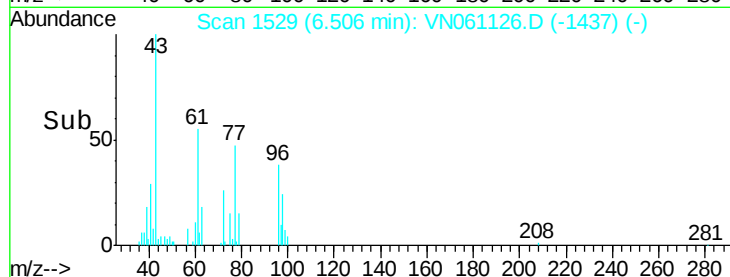
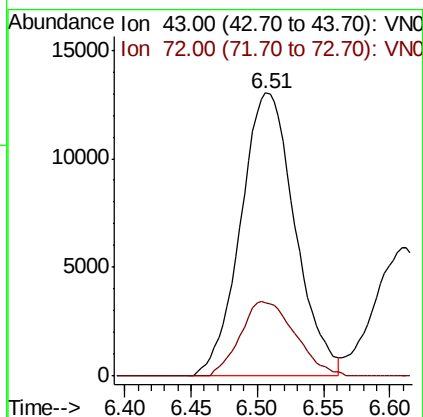
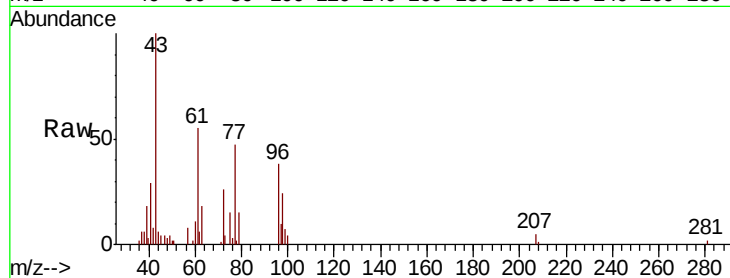




#25
2-Butanone
Concen: 22.403 ug/l
RT: 6.51 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

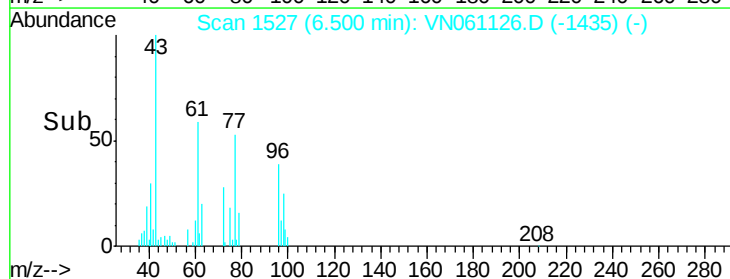
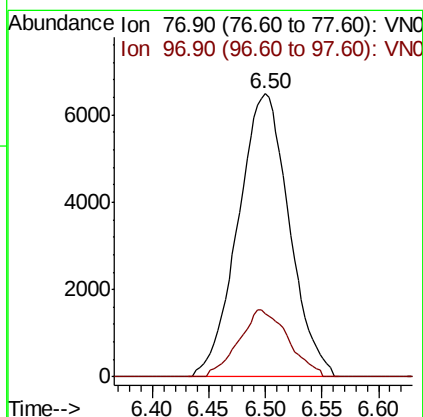
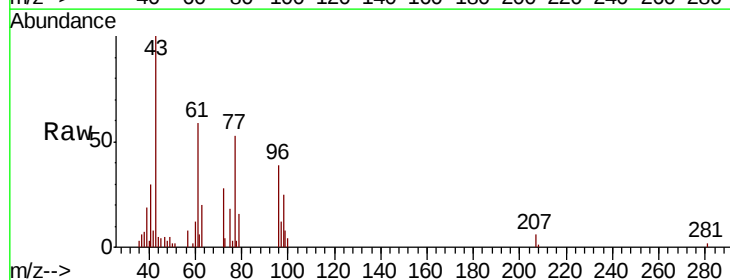
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

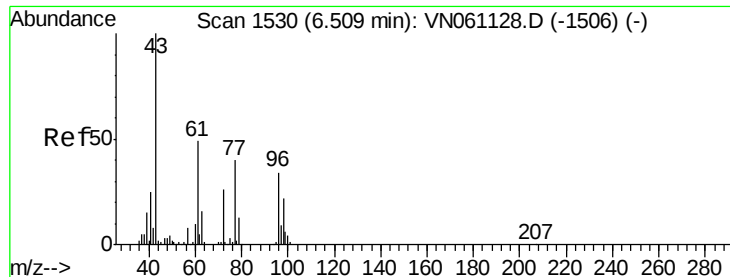
Tot Ion: 43 Resp: 37249
Ion Ratio Lower Upper
43 100
72 25.9 20.8 31.2



#26
2,2-Dichloropropane
Concen: 5.393 ug/l
RT: 6.50 min Scan# 1527
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 77 Resp: 20397
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1

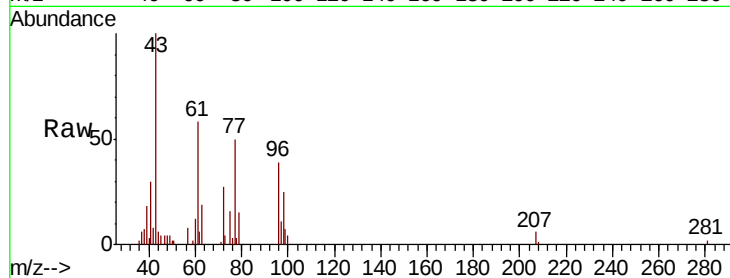




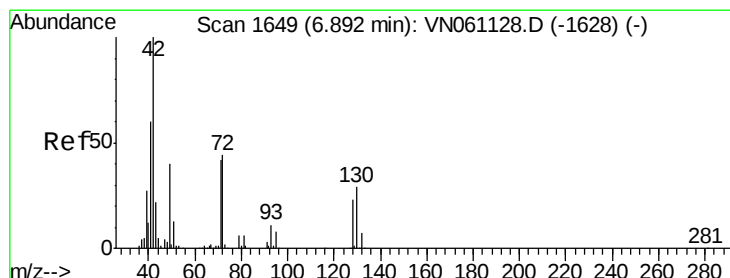
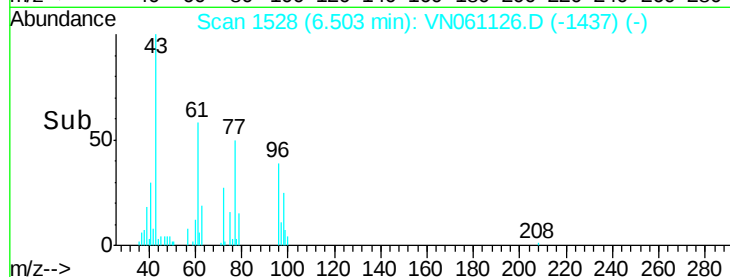
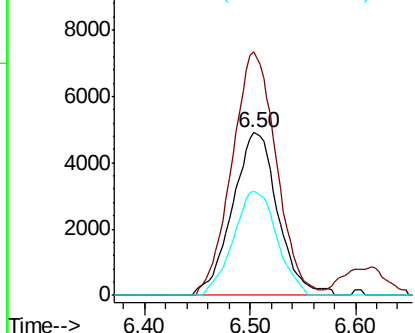
#27
 cis-1,2-Dichloroethene
 Concen: 5.572 ug/l
 RT: 6.50 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	300.4
98	61.4	0.0	129.6

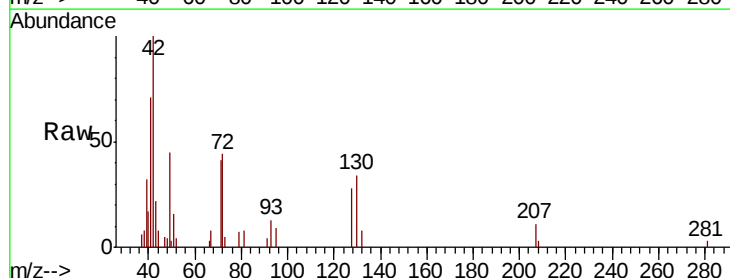


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

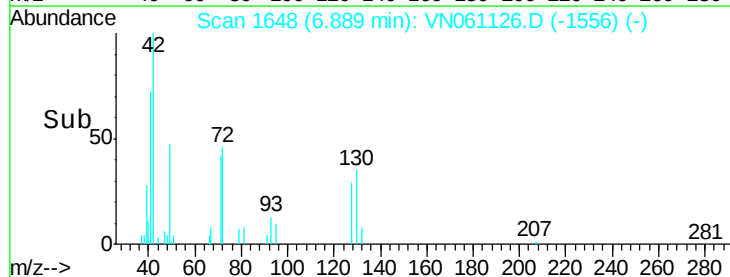
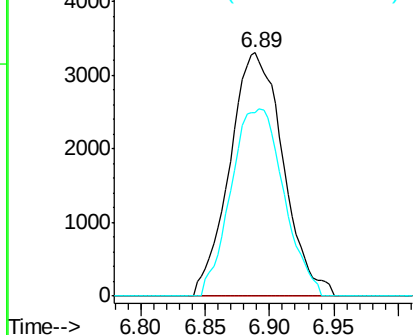


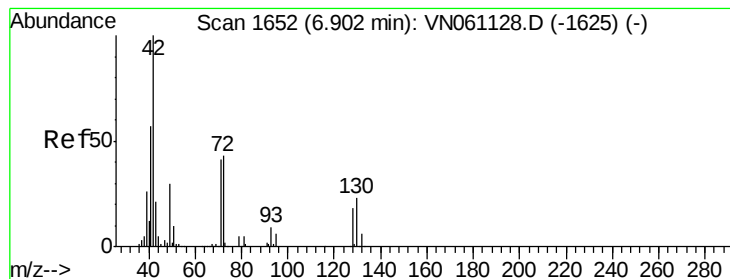
#28
 Bromochloromethane
 Concen: 4.679 ug/l
 RT: 6.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	75.8	59.7	89.5



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 23.820 ug/l

RT: 6.90 min Scan# 1651

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

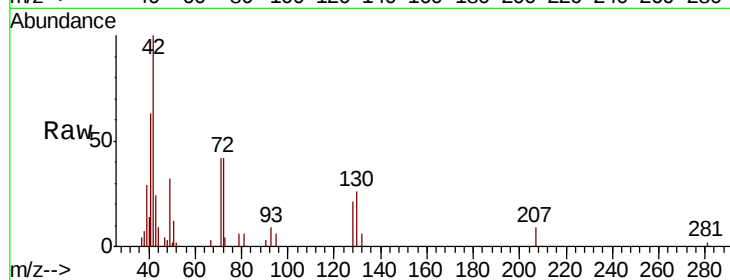
Tot Ion: 42 Resp: 26963

Ion Ratio Lower Upper

42 100

72 42.3 35.1 52.7

71 40.1 33.0 49.6

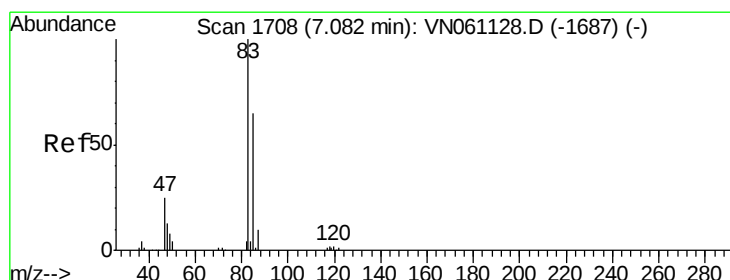
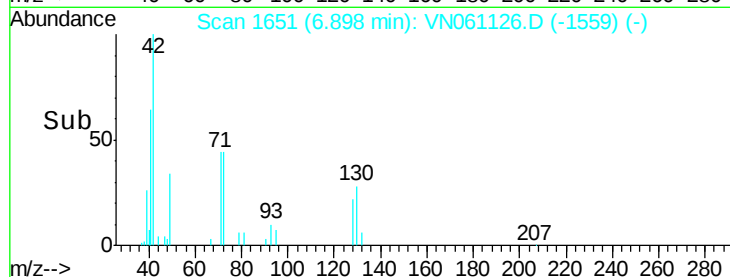


Abundance Ion 42.00 (41.70 to 42.70): VN061126.D (-1559) (-)

Ion 72.00 (71.70 to 72.70): VN061126.D (-1559) (-)

Ion 71.00 (70.70 to 71.70): VN061126.D (-1559) (-)

Time-->



#30

Chloroform

Concen: 5.352 ug/l

RT: 7.08 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VN061126.D

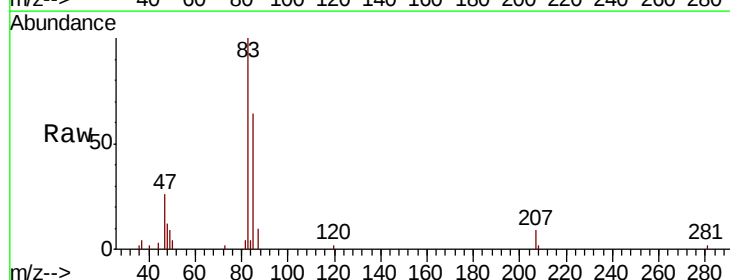
Acq: 22 Apr 2020 13:36

Tgt Ion: 83 Resp: 22780

Ion Ratio Lower Upper

83 100

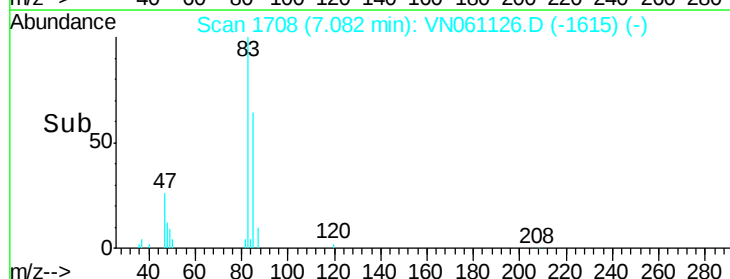
85 63.7 52.2 78.4

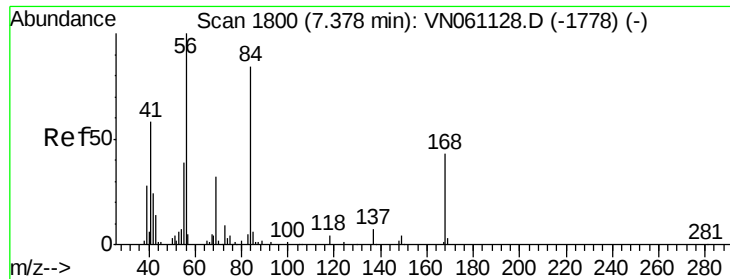


Abundance Ion 82.90 (82.60 to 83.60): VN061126.D (-1615) (-)

Ion 84.90 (84.60 to 85.60): VN061126.D (-1615) (-)

Time-->

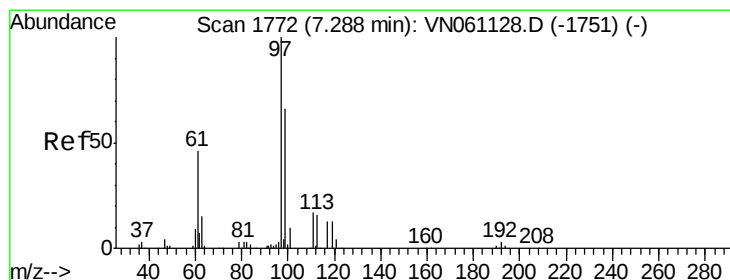
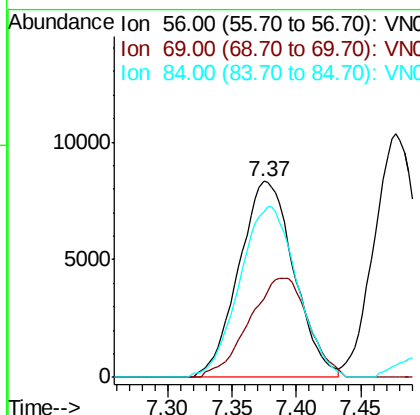
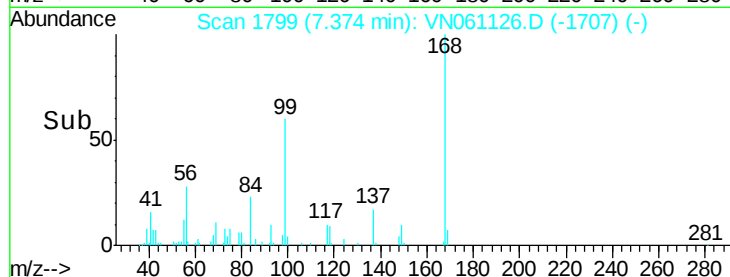
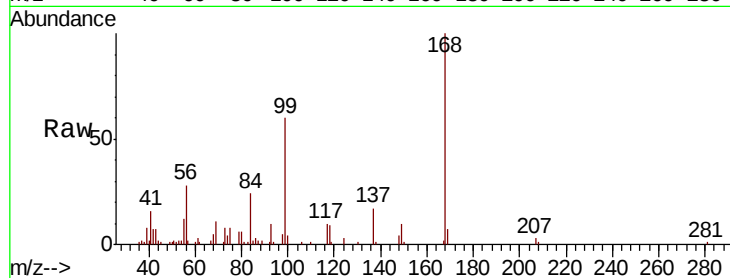




#31
Cyclohexane
Concen: 5.396 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

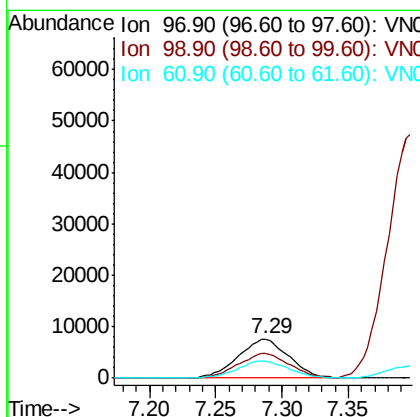
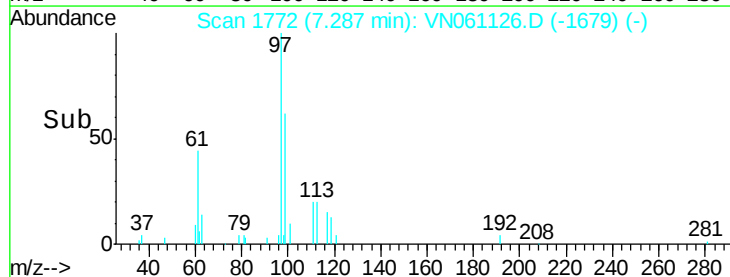
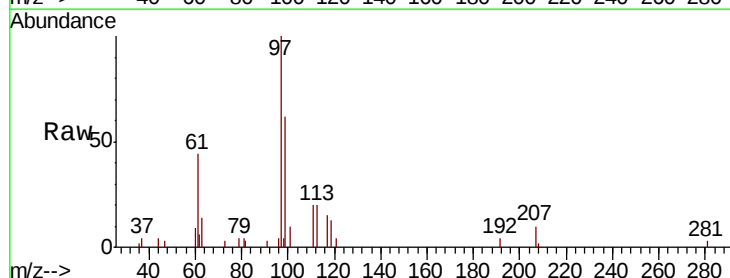
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

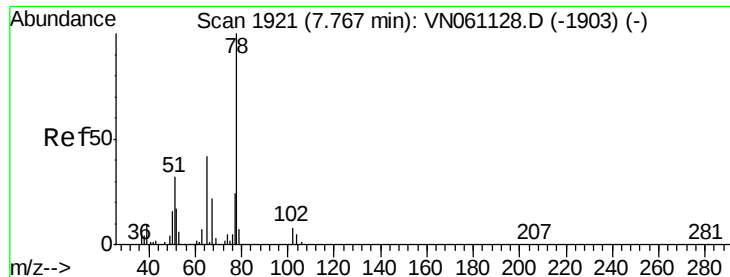
Tot Ion: 56 Resp: 24799
Ion Ratio Lower Upper
56 100
69 40.1 25.9 38.9#
84 84.8 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 5.425 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 97 Resp: 20032
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 45.0 35.9 53.9

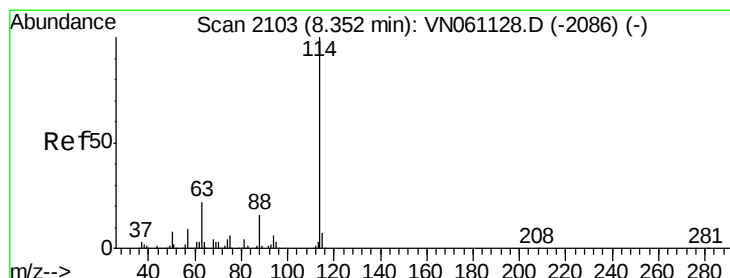
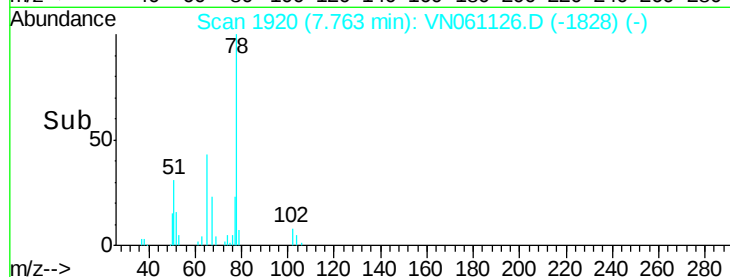
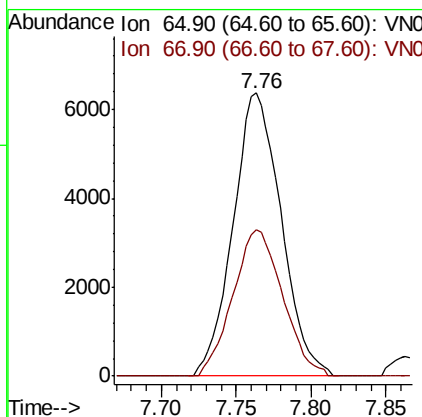
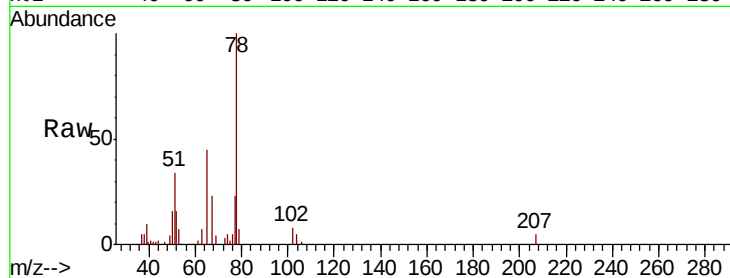




#33
 1,2-Dichloroethane-d4
 Concen: 5.570 ug/l
 RT: 7.76 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

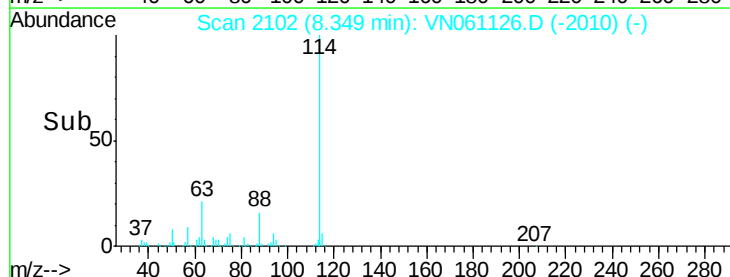
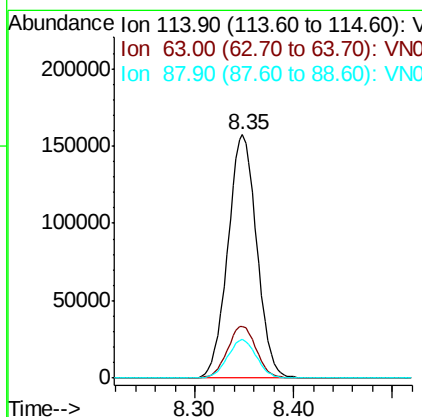
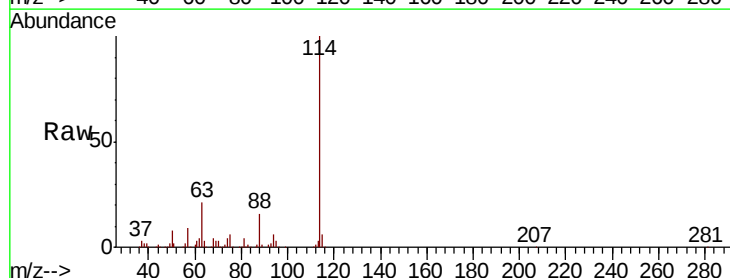
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

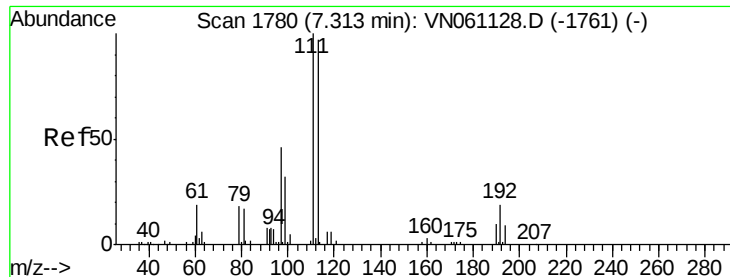
Tot Ion: 65 Resp: 14254
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion: 114 Resp: 321149
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 5.198 ug/l

RT: 7.31 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

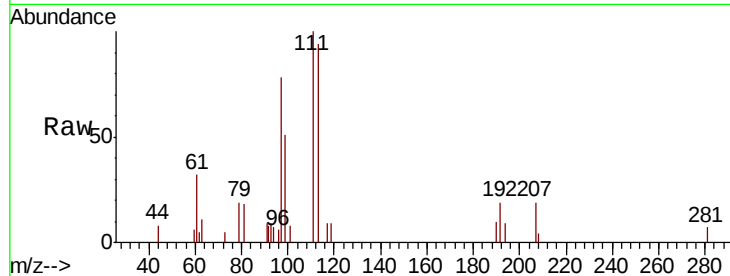
Tot Ion:113 Resp: 9746

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

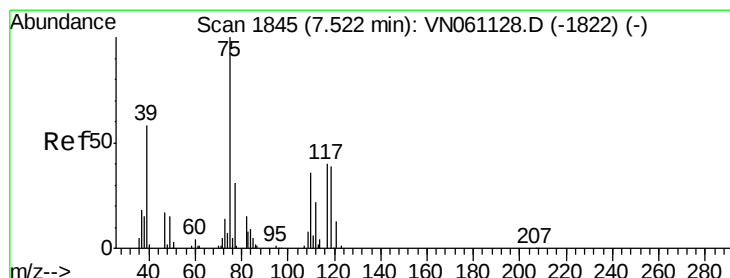
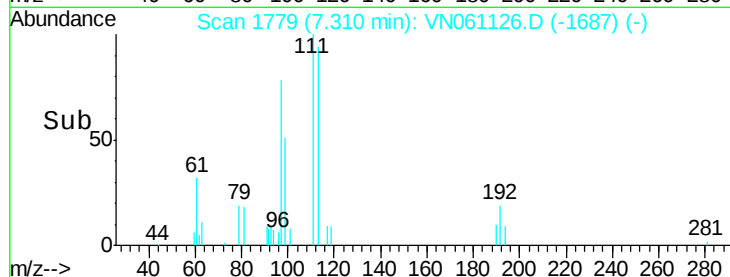
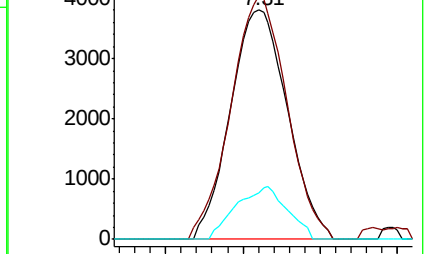
192 20.6 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.302 ug/l

RT: 7.52 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

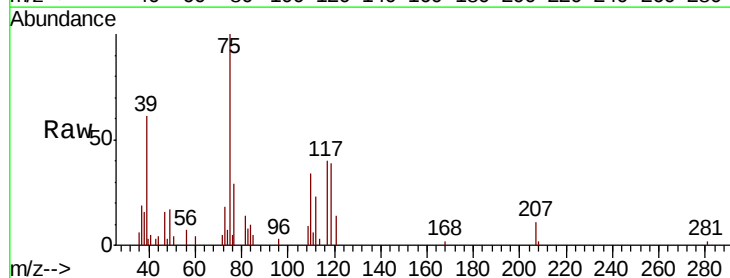
Tgt Ion: 75 Resp: 17437

Ion Ratio Lower Upper

75 100

110 33.7 17.7 53.1

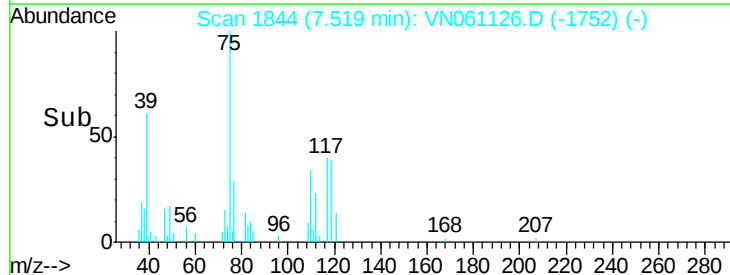
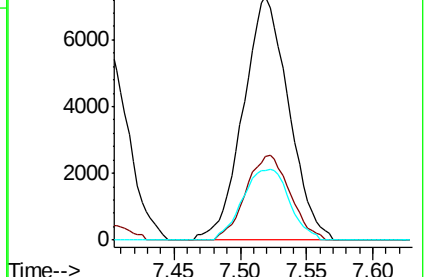
77 29.9 24.8 37.2

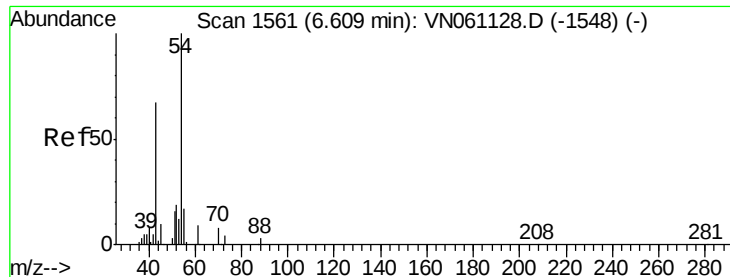


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

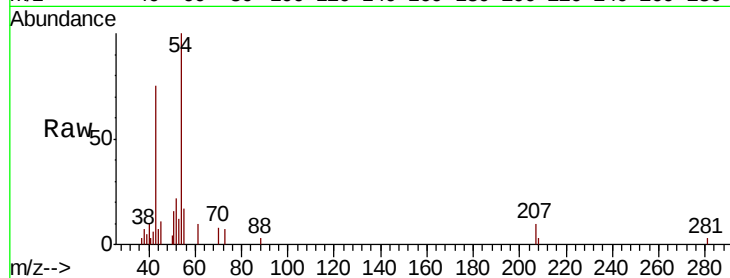




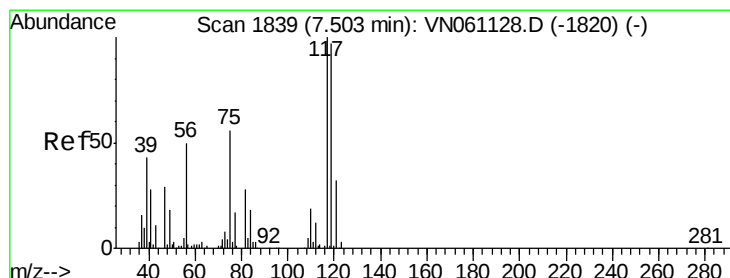
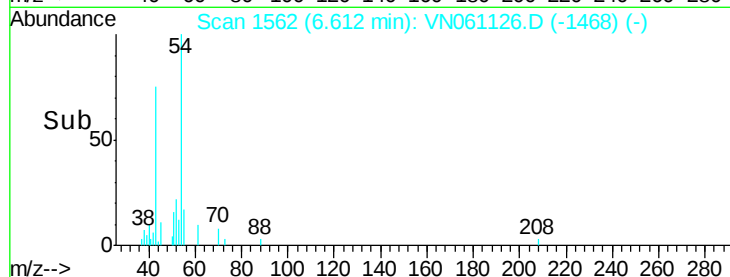
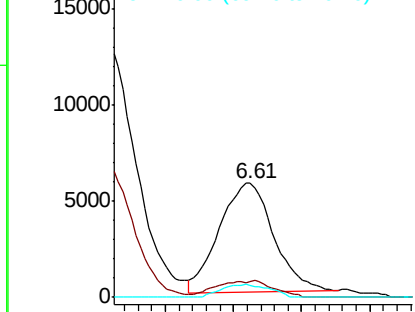
#37
Ethyl Acetate
Concen: 4.431 ug/l
RT: 6.61 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 15697
Ion Ratio Lower Upper
43 100
61 16.1 11.4 17.0
70 10.7 8.2 12.4

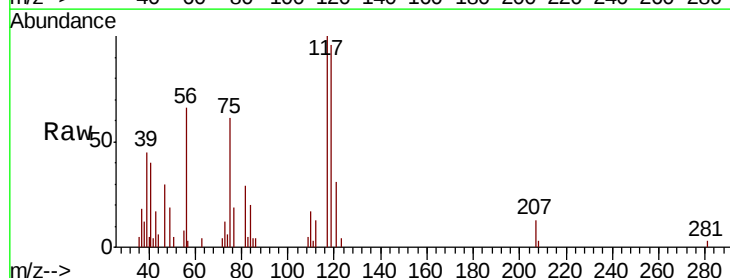


Abundance Ion 43.00 (42.70 to 43.70): VN061126.D (-1468) (-)
Ion 60.90 (60.60 to 61.60): VN061126.D (-1468) (-)
Ion 70.00 (69.70 to 70.70): VN061126.D (-1468) (-)

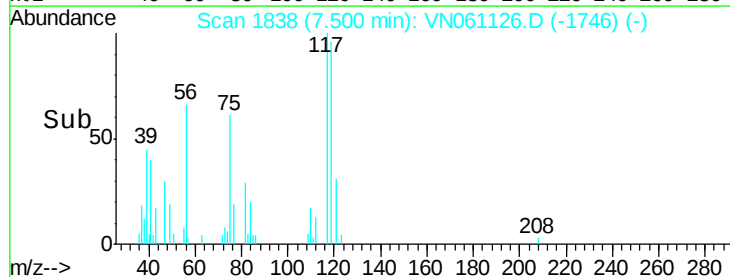
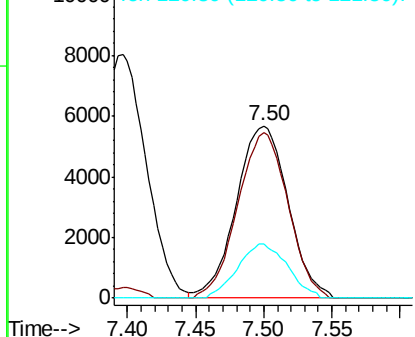


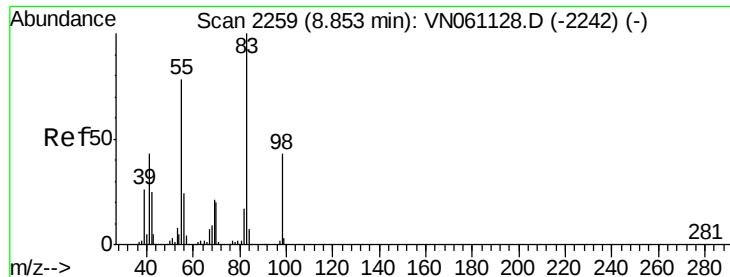
#38
Carbon Tetrachloride
Concen: 5.474 ug/l
RT: 7.50 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 117 Resp: 15047
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3
121 31.2 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): VN061126.D (-1746) (-)
Ion 118.80 (118.50 to 119.50): VN061126.D (-1746) (-)
Ion 120.80 (120.50 to 121.50): VN061126.D (-1746) (-)

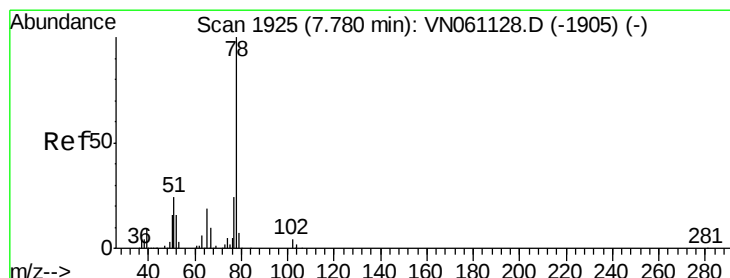
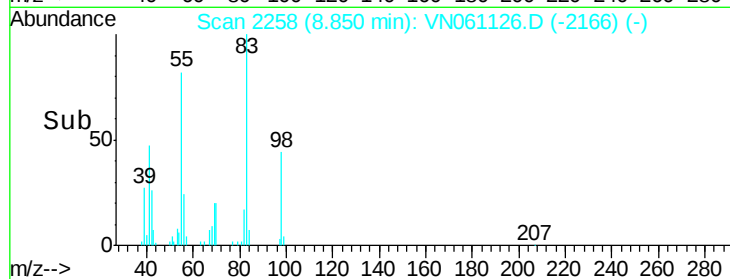
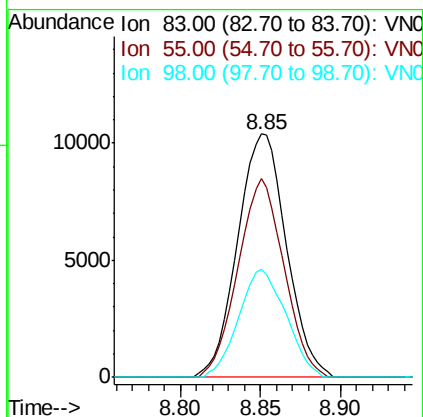
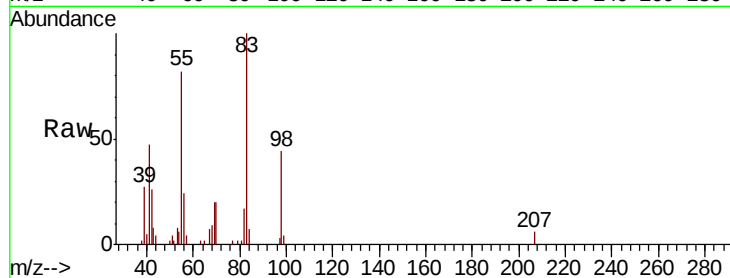




#39
Methvlcvclohexane
Concen: 5.503 ug/l
RT: 8.85 min Scan# 2258
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

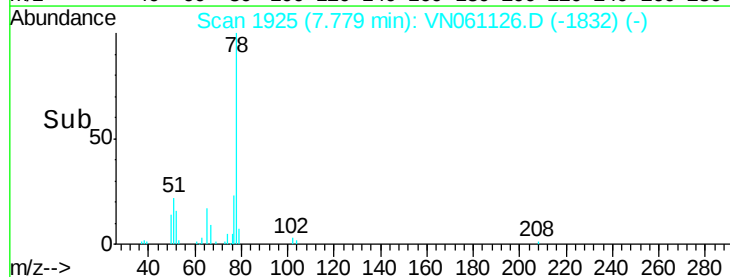
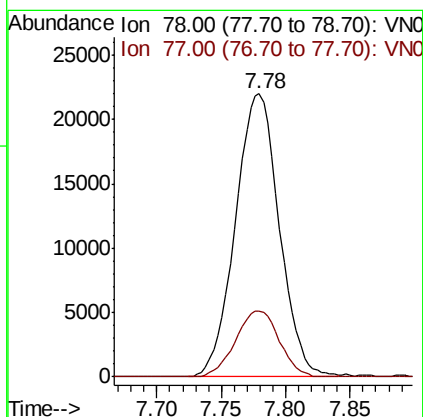
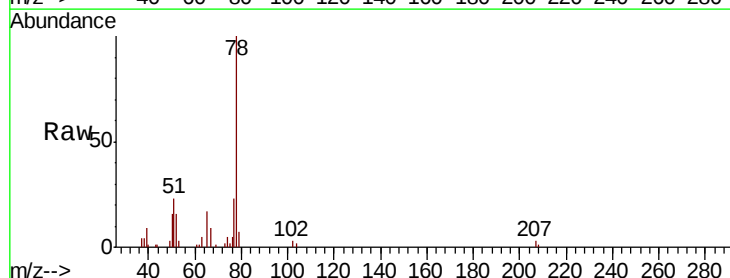
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

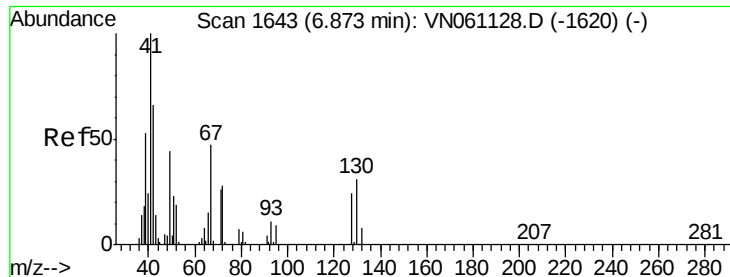
Tot Ion: 83 Resp: 21695
Ion Ratio Lower Upper
83 100
55 81.6 62.2 93.4
98 44.4 34.7 52.1



#40
Benzene
Concen: 5.333 ug/l
RT: 7.78 min Scan# 1925
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 78 Resp: 52032
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

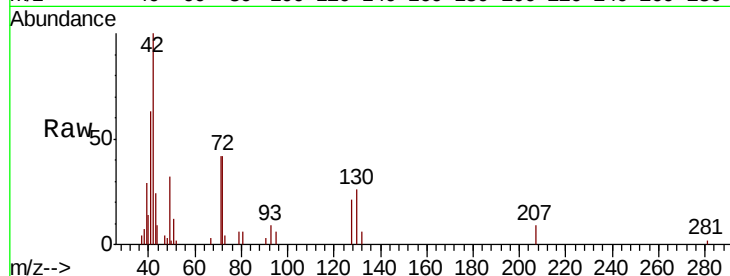




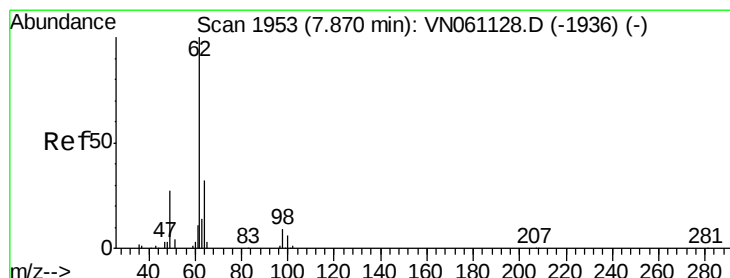
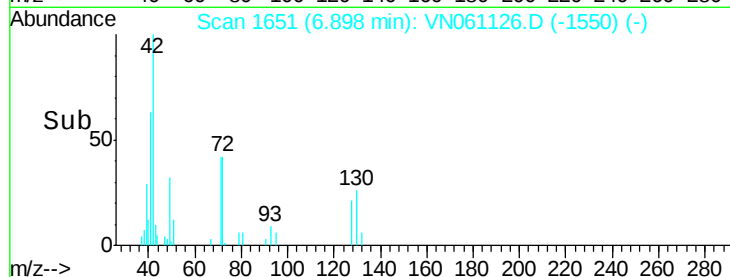
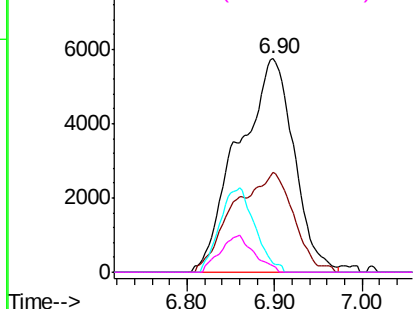
#41
Methacrylonitrile
Concen: 16.915 ug/l
RT: 6.90 min Scan# 1651
Delta R.T. 0.03 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	25396
Ion	Ratio	Lower	Upper
41	100		
39	0.0	119.4	179.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

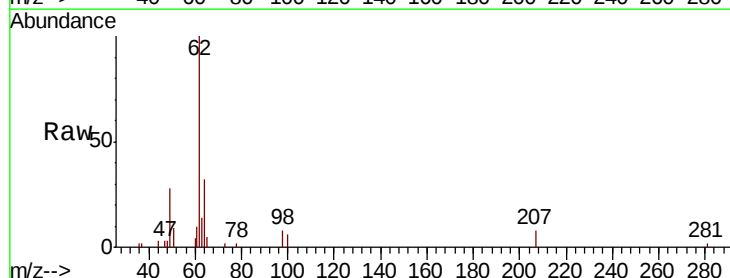


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

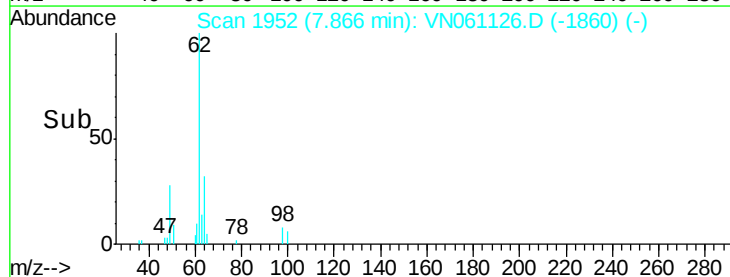
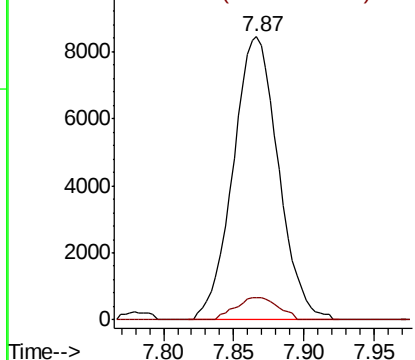


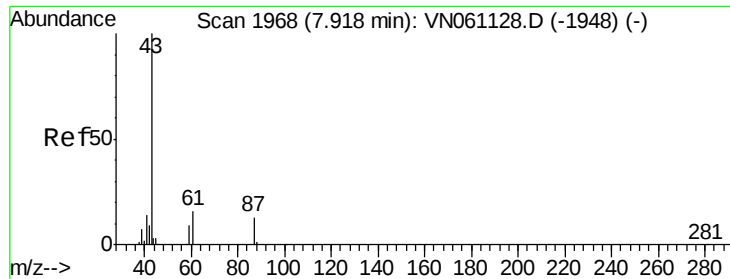
#42
1,2-Dichloroethane
Concen: 5.686 ug/l
RT: 7.87 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion:	62	Resp:	18992
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

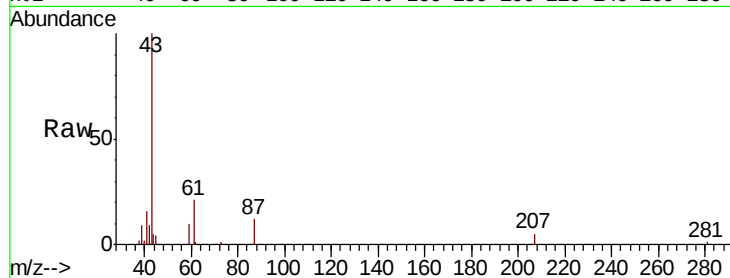




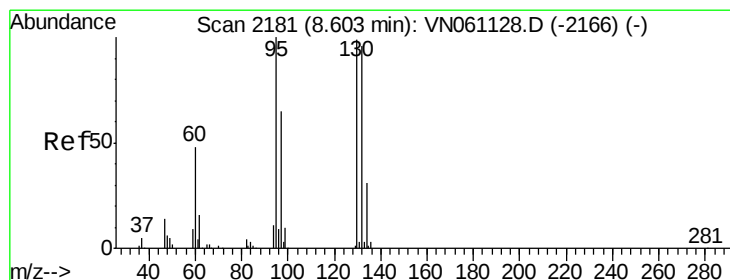
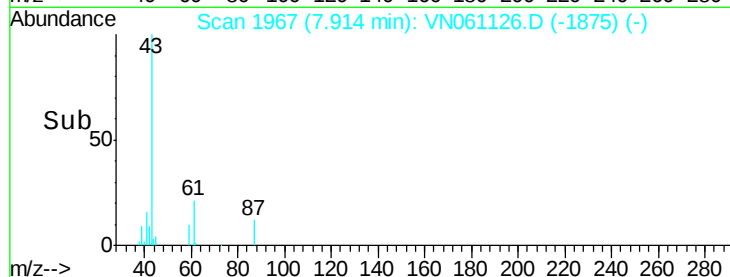
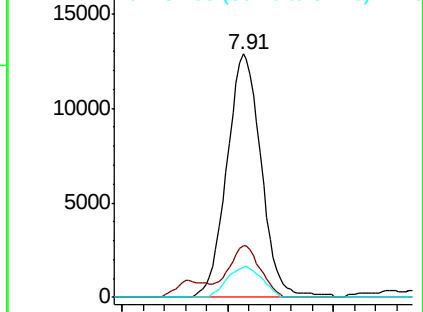
#43
Isopropyl Acetate
Concen: 5.035 ug/l
RT: 7.91 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	29069
Ion Ratio	Lower	Upper	
43	100		
61	19.7	15.5	23.3
87	12.7	10.2	15.4

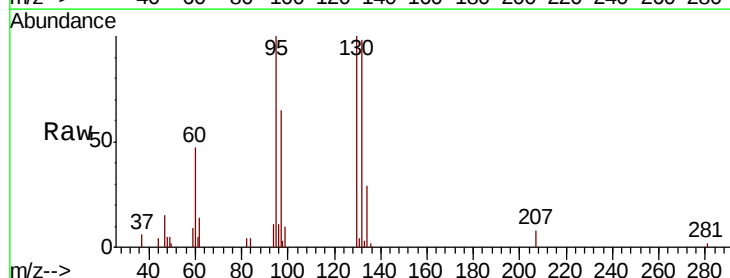


Abundance Ion 43.00 (42.70 to 43.70): VN061126.D (-1875) (-)
Ion 61.00 (60.70 to 61.70): VN061126.D (-1875) (-)
Ion 87.00 (86.70 to 87.70): VN061126.D (-1875) (-)

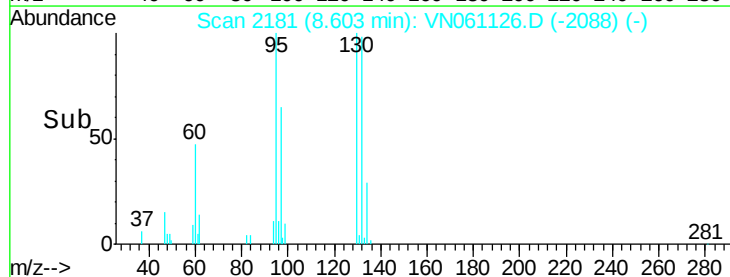
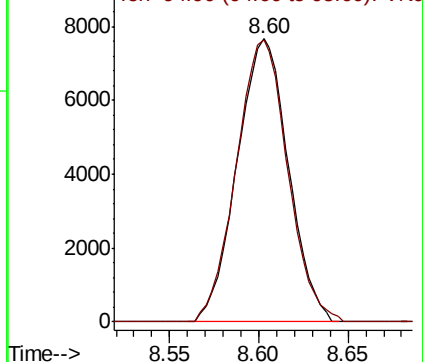


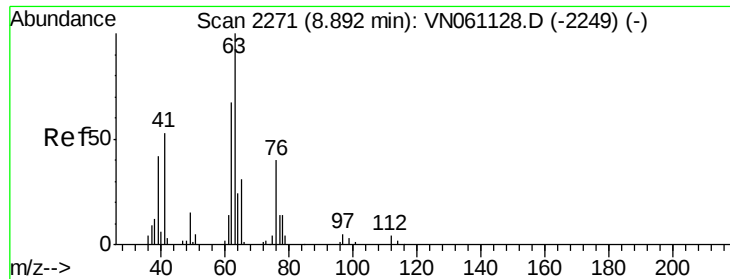
#44
Trichloroethene
Concen: 6.101 ug/l
RT: 8.60 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion	130	Resp	15333
Ion Ratio	Lower	Upper	
130	100		
95	99.6	0.0	202.6



Abundance Ion 129.80 (129.50 to 130.50): VN061126.D (-2088) (-)
Ion 94.90 (94.60 to 95.60): VN061126.D (-2088) (-)

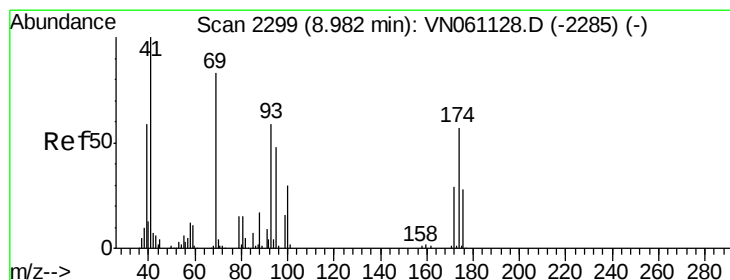
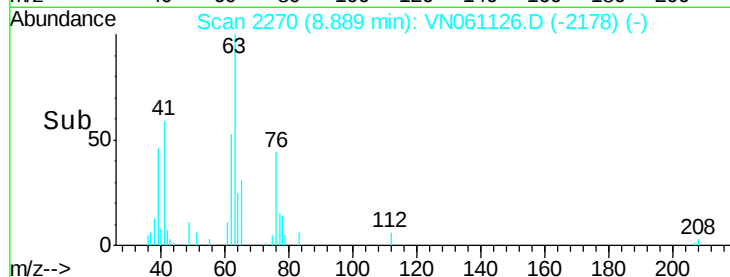
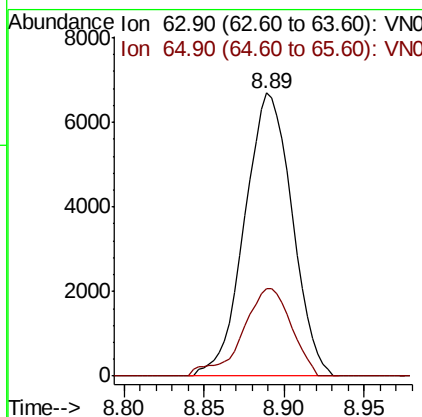
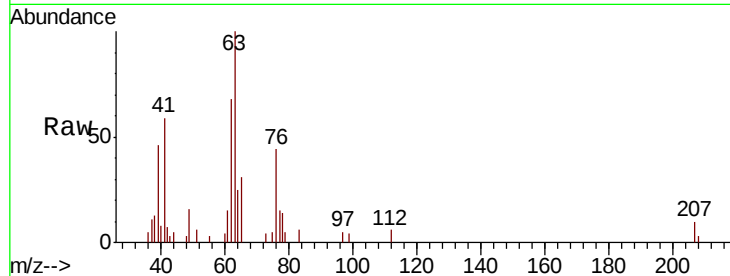




#45
 1,2-Dichloropropane
 Concen: 5.193 ug/l
 RT: 8.89 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

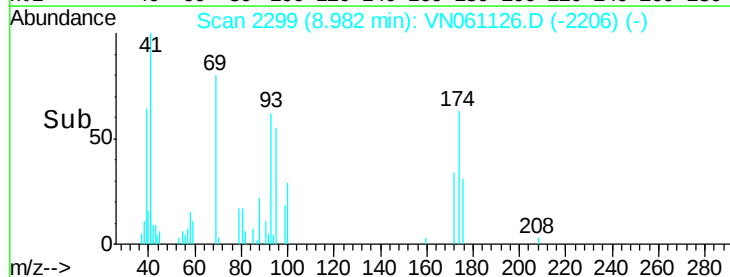
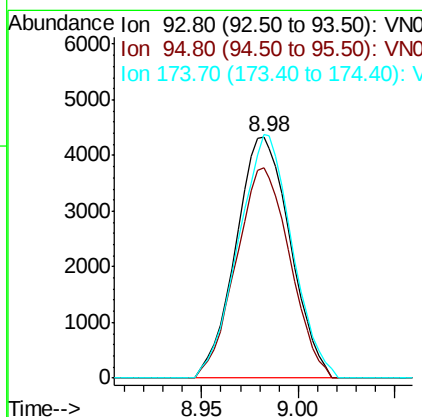
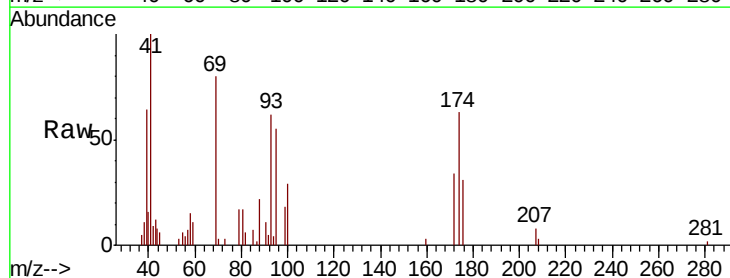
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

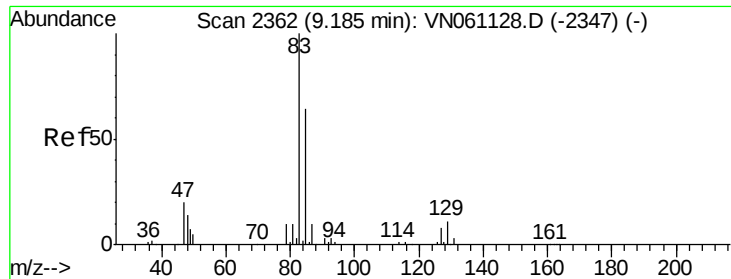
Tot Ion: 63 Resp: 13635
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 5.492 ug/l
 RT: 8.98 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion: 93 Resp: 8453
 Ion Ratio Lower Upper
 93 100
 95 86.4 65.0 97.4
 174 99.7 77.8 116.6





#47

Bromodichloromethane

Concen: 5.262 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

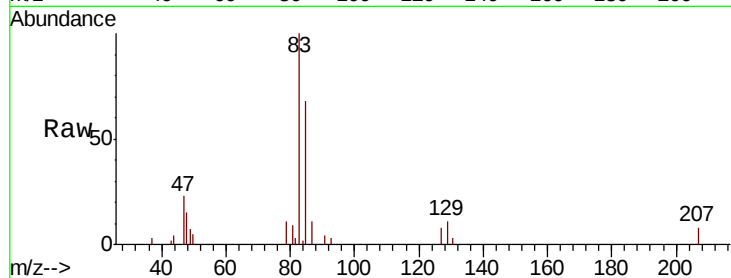
Tot Ion: 83 Resp: 16965

Ion Ratio Lower Upper

83 100

85 67.5 51.4 77.2

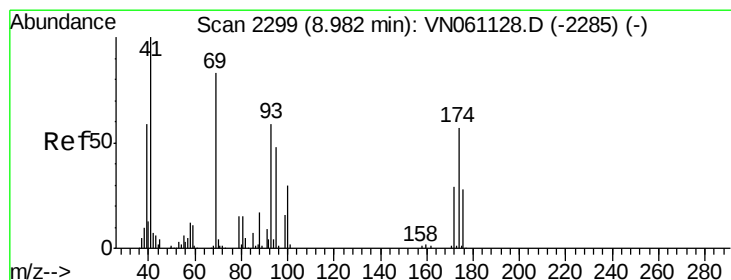
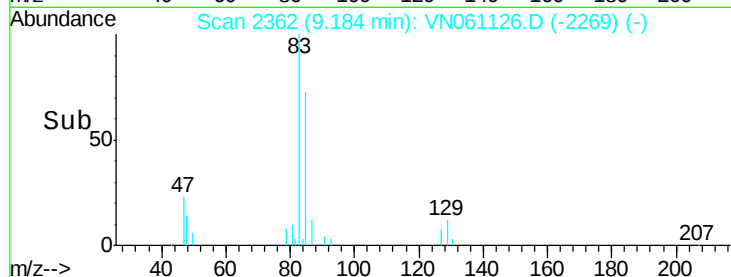
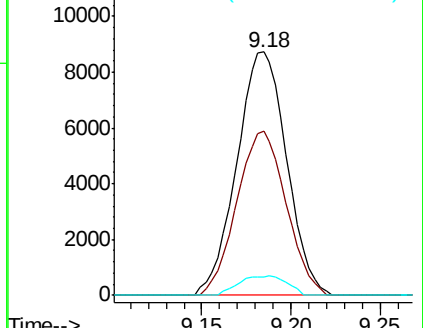
127 7.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN061126.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061126.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061126.D (-2269) (-)



#48

Methyl methacrylate

Concen: 5.178 ug/l

RT: 8.98 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

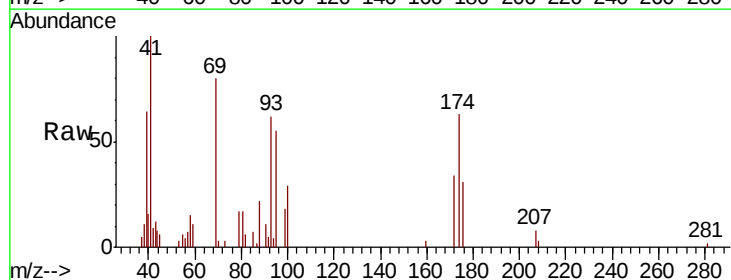
Tgt Ion: 41 Resp: 13308

Ion Ratio Lower Upper

41 100

69 76.2 65.4 98.2

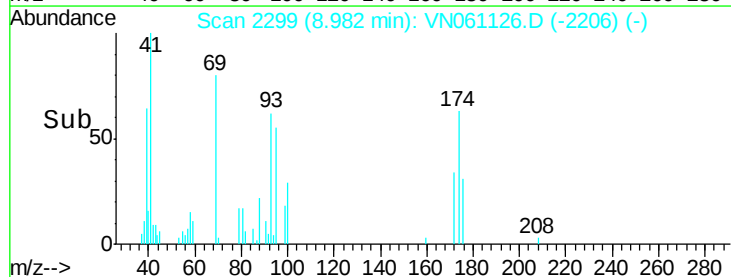
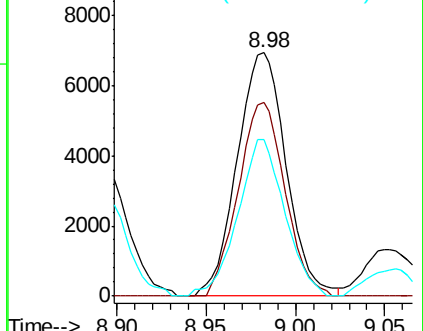
39 61.6 47.8 71.6

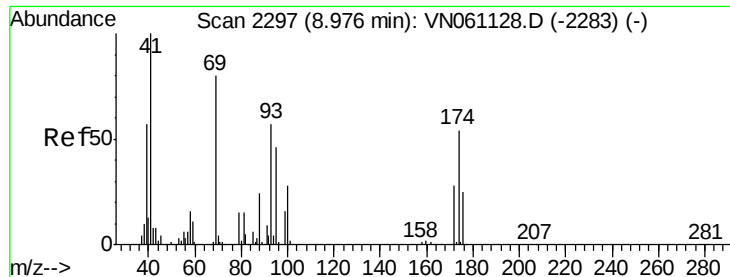


Abundance Ion 41.00 (40.70 to 41.70): VN061126.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061126.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061126.D (-2206) (-)

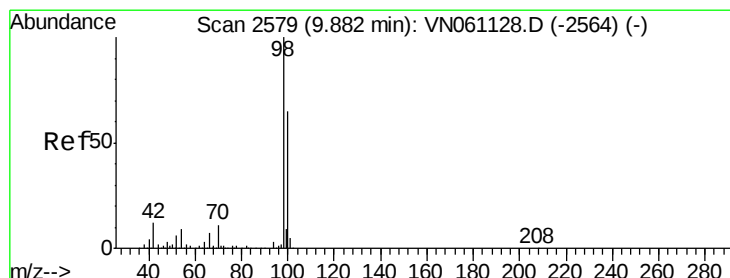
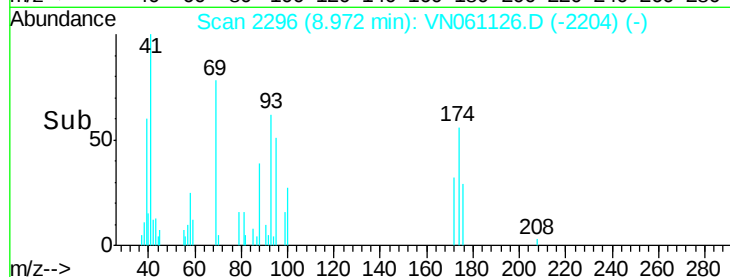
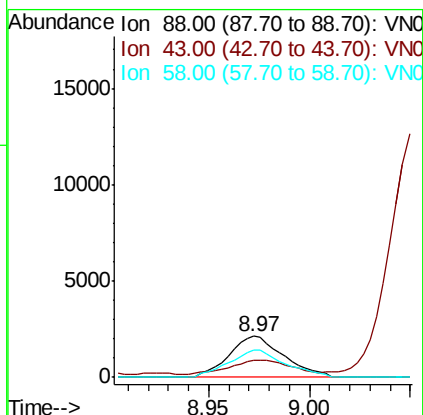
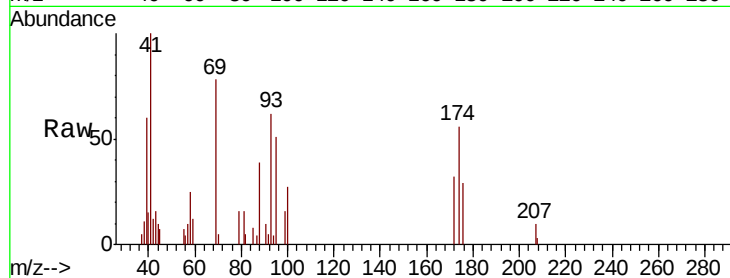




#49
1,4-Dioxane
Concen: 128.696 ug/l
RT: 8.97 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

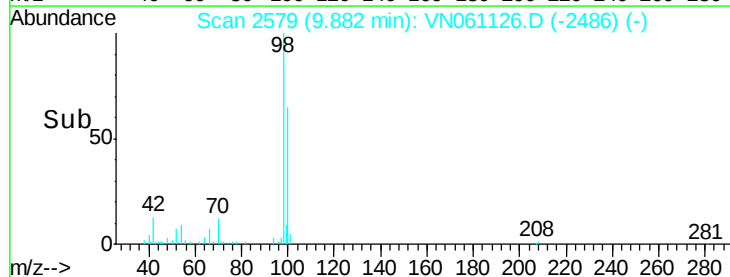
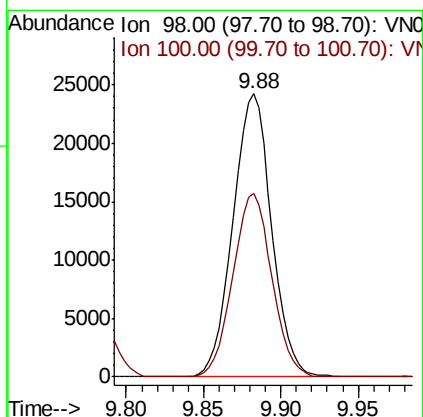
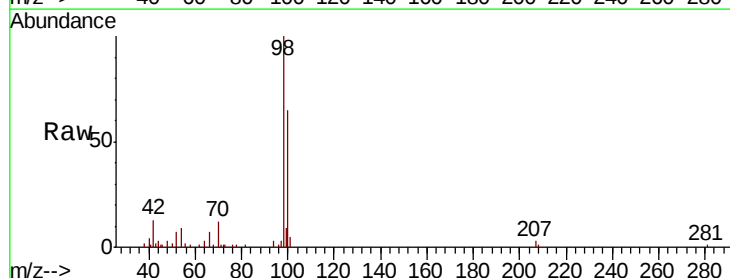
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

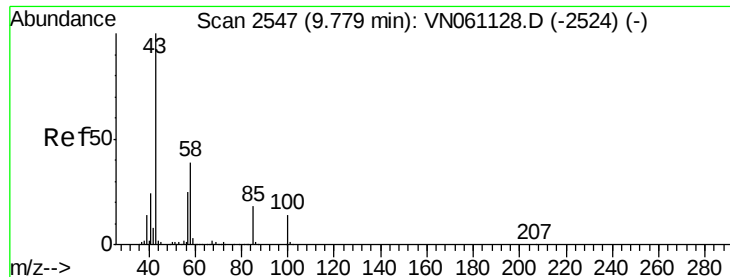
Tot Ion: 88 Resp: 4014
Ion Ratio Lower Upper
88 100
43 35.9 29.0 43.4
58 68.6 57.8 86.6



#50
Toluene-d8
Concen: 5.755 ug/l
RT: 9.88 min Scan# 2579
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 98 Resp: 41941
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

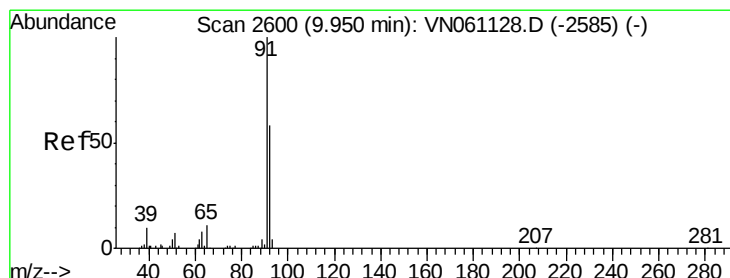
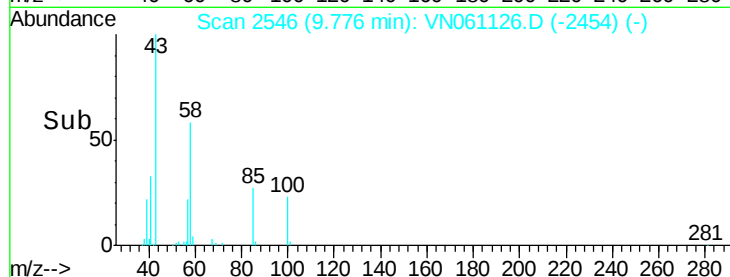
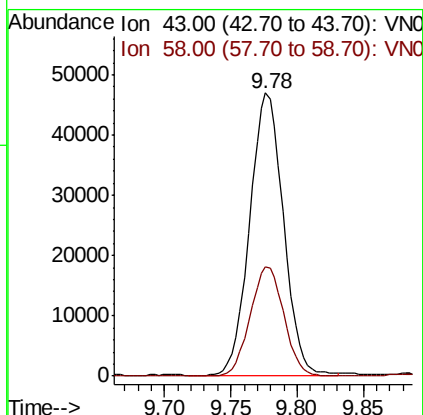
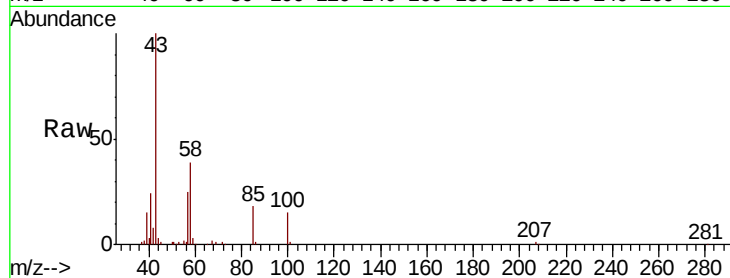




#51
4-Methyl-2-Pentanone
Concen: 24.740 ug/l
RT: 9.78 min Scan# 2546
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

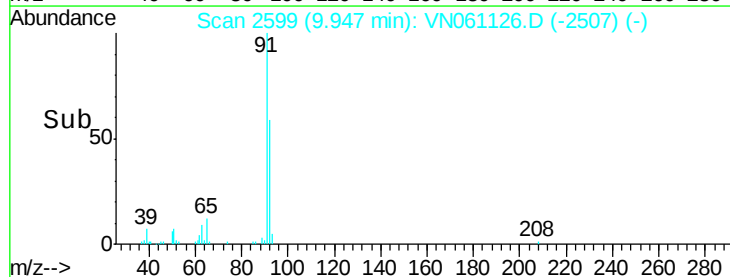
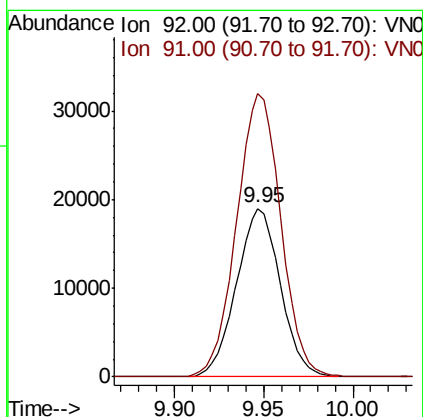
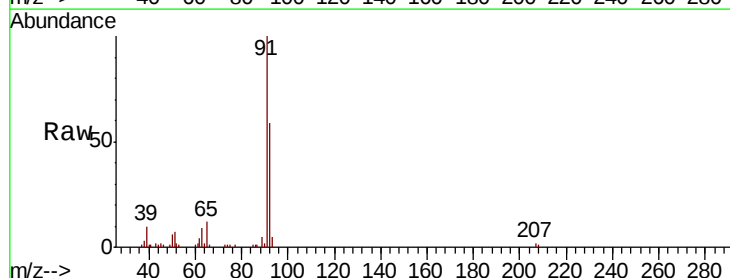
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

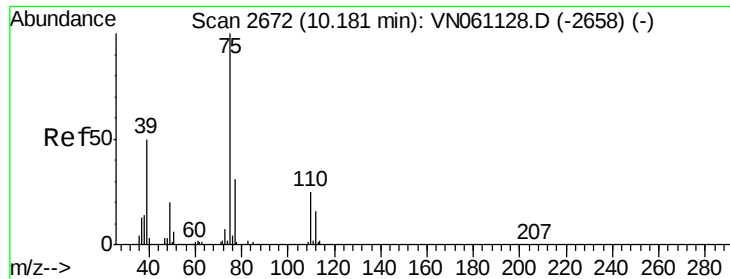
Tot Ion: 43 Resp: 82596
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.6



#52
Toluene
Concen: 5.509 ug/l
RT: 9.95 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 92 Resp: 32429
Ion Ratio Lower Upper
92 100
91 169.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 5.518 ug/l

RT: 10.18 min Scan# 2672

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

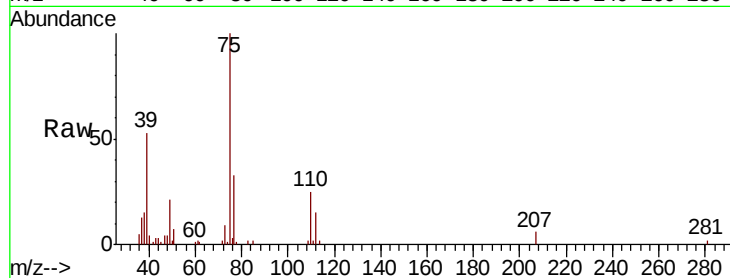
VSTDIC005

Tot Ion: 75 Resp: 20692

Ion Ratio Lower Upper

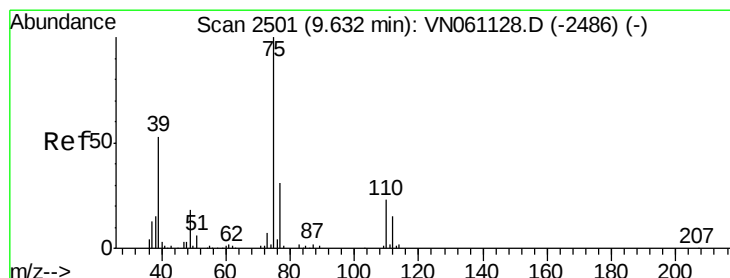
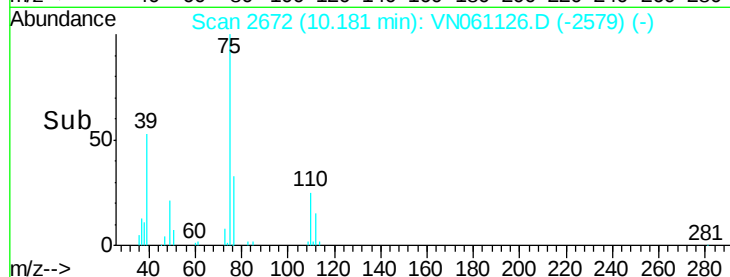
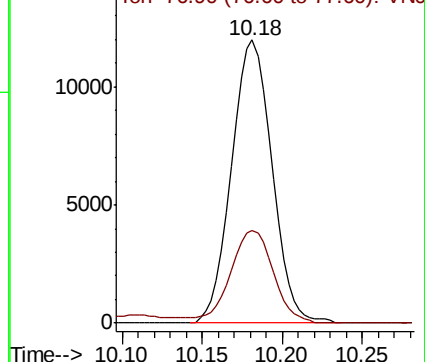
75 100

77 32.9 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.323 ug/l

RT: 9.63 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

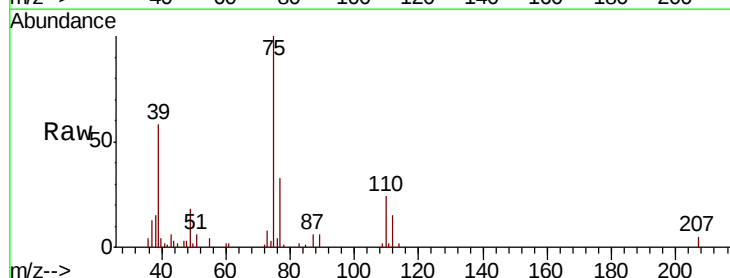
Tgt Ion: 75 Resp: 21700

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

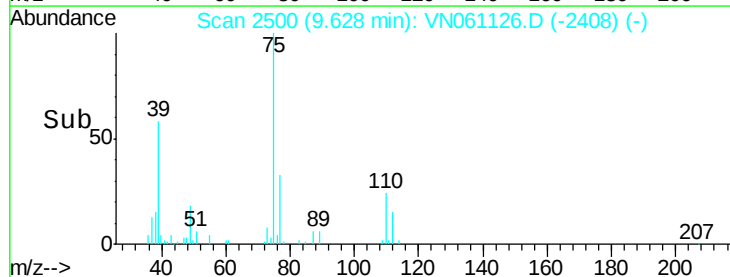
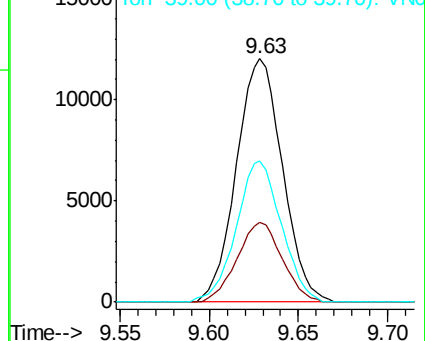
39 58.1 42.1 63.1

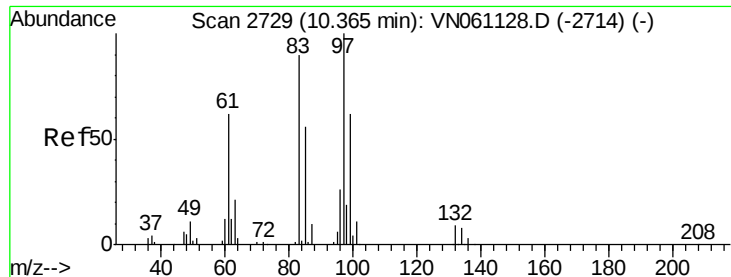


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 5.470 ug/l

RT: 10.36 min Scan# 2728

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 12210

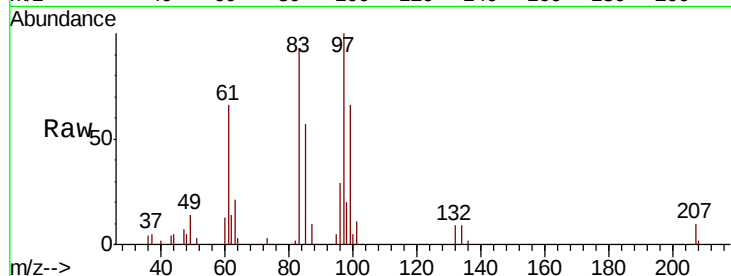
Ion Ratio Lower Upper

97 100

83 93.0 71.8 107.6

85 57.2 45.0 67.6

99 65.5 49.8 74.8

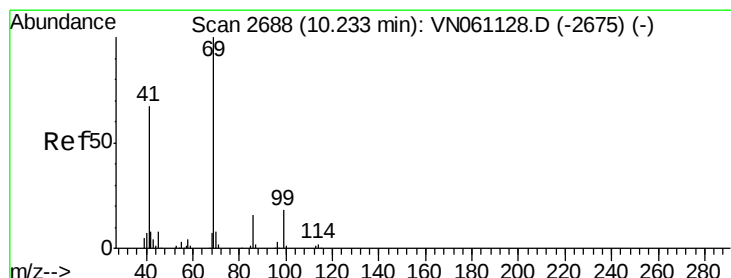
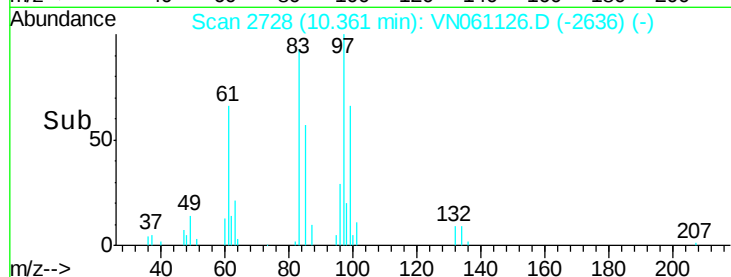
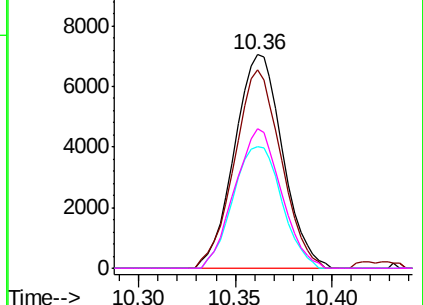


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.990 ug/l

RT: 10.24 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

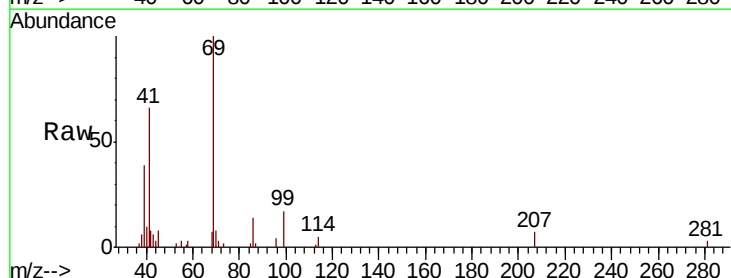
Tgt Ion: 69 Resp: 17417

Ion Ratio Lower Upper

69 100

41 71.2 54.0 81.0

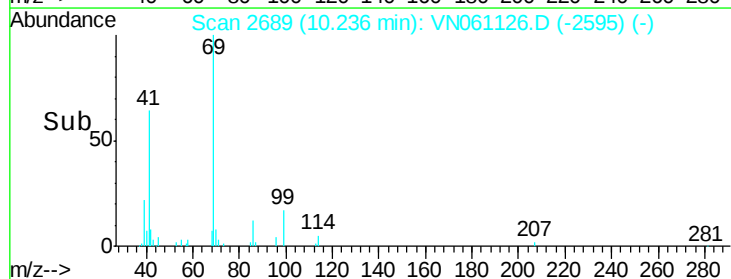
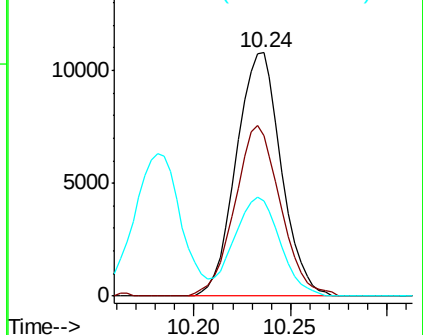
39 42.1 31.4 47.0

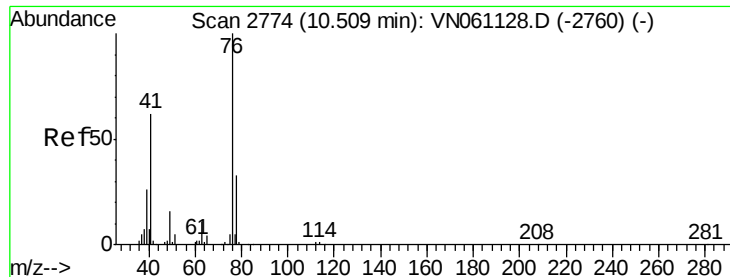


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 5.284 ug/l

RT: 10.51 min Scan# 2773

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampled :

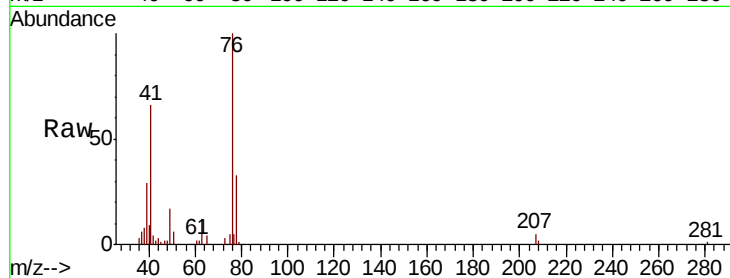
VSTDIC005

Tot Ion: 76 Resp: 20902

Ion Ratio Lower Upper

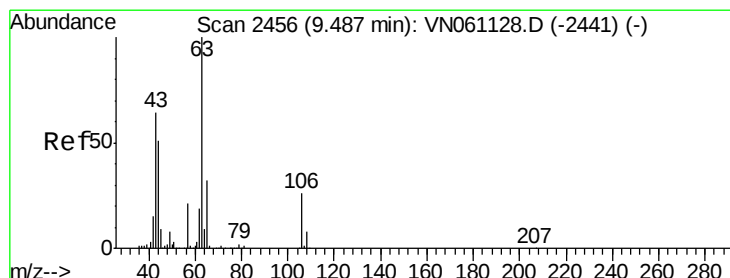
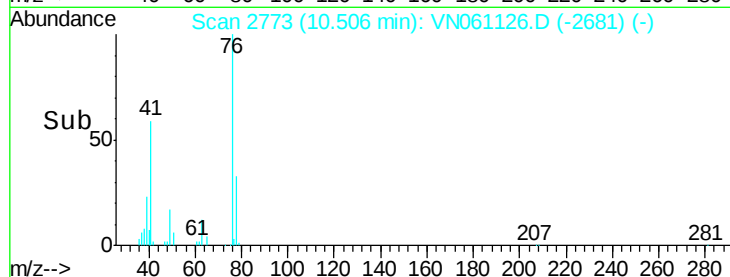
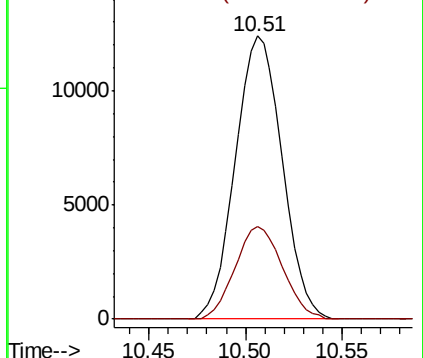
76 100

78 33.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 27.753 ug/l

RT: 9.49 min Scan# 2456

Delta R.T. -0.00 min

Lab File: VN061126.D

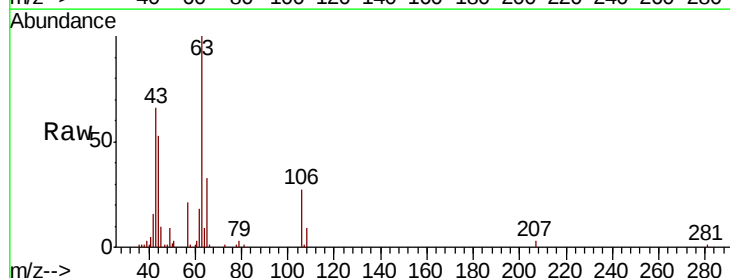
Acq: 22 Apr 2020 13:36

Tgt Ion: 63 Resp: 45981

Ion Ratio Lower Upper

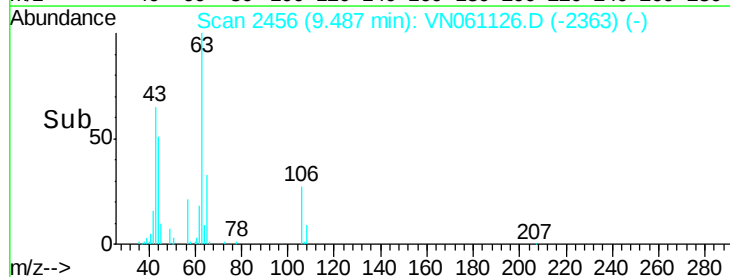
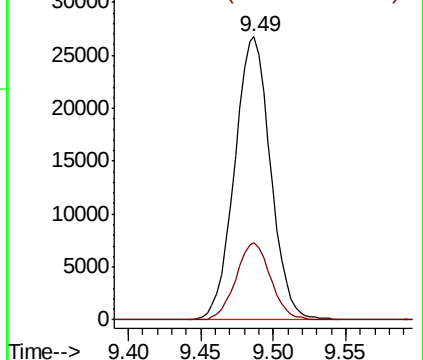
63 100

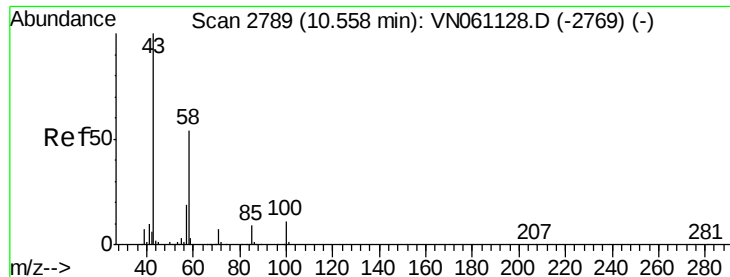
106 26.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

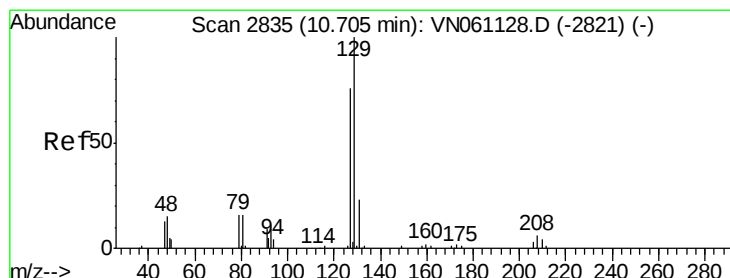
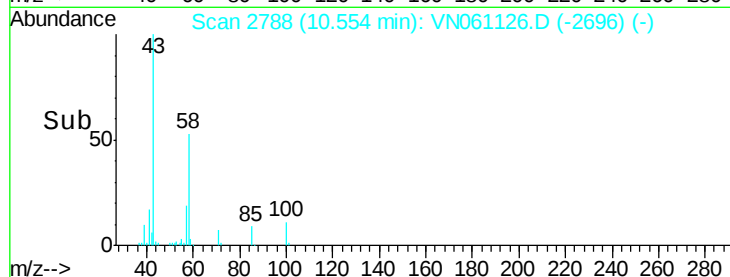
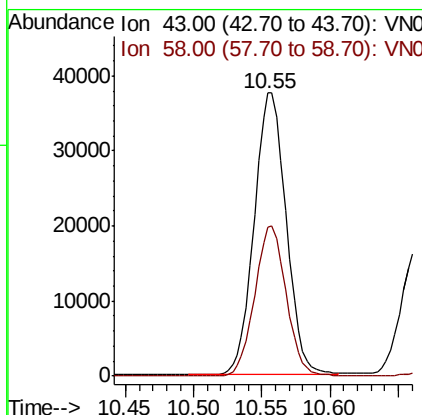
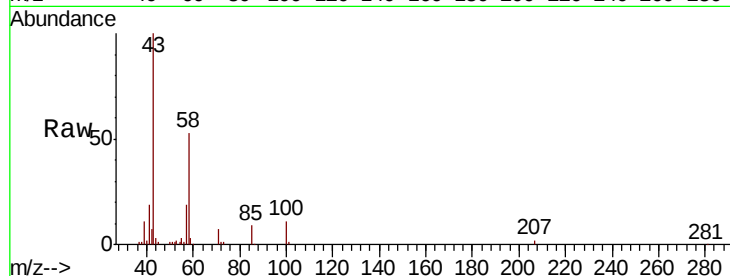




#59
2-Hexanone
Concen: 25.297 ug/l
RT: 10.55 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

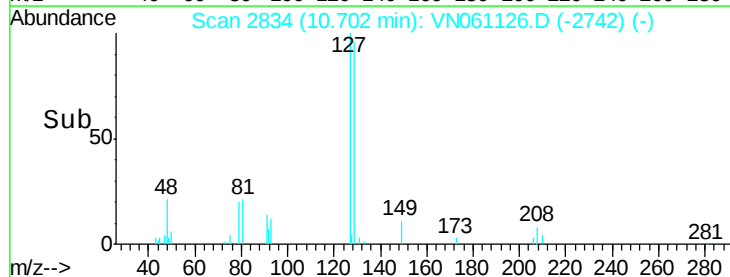
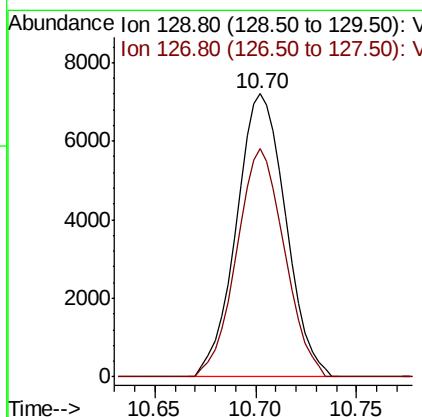
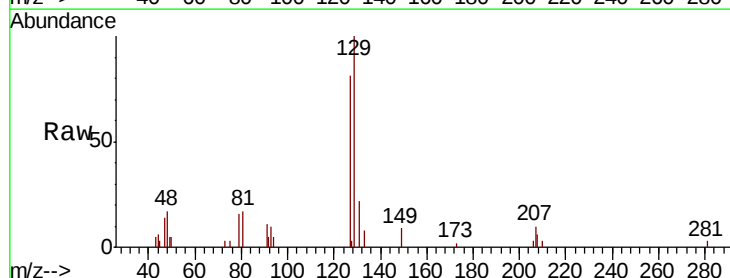
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

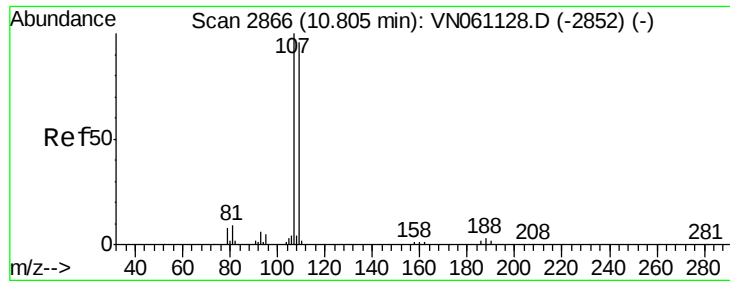
Tot Ion: 43 Resp: 61073
Ion Ratio Lower Upper
43 100
58 52.4 26.9 80.6



#60
Dibromochloromethane
Concen: 5.359 ug/l
RT: 10.70 min Scan# 2834
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 129 Resp: 12343
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2

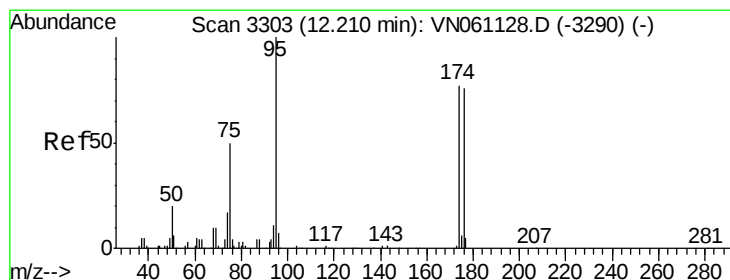
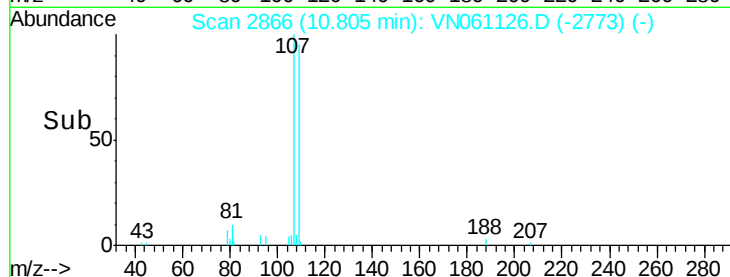
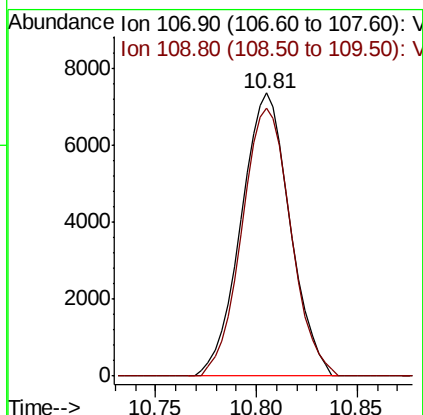
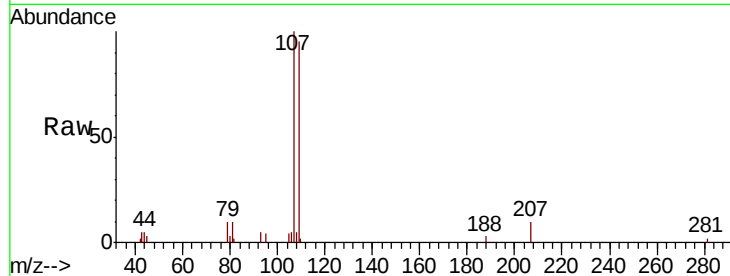




#61
 1,2-Dibromoethane
 Concen: 5.454 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

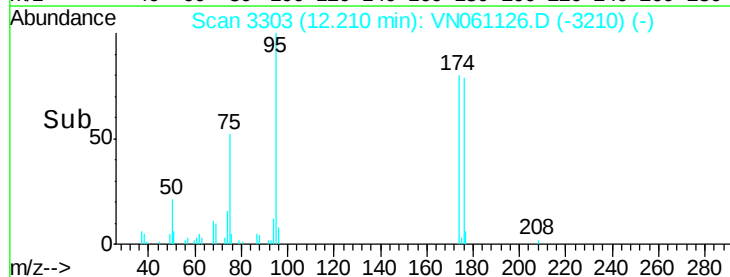
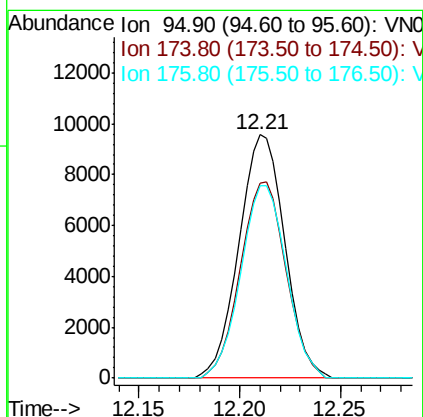
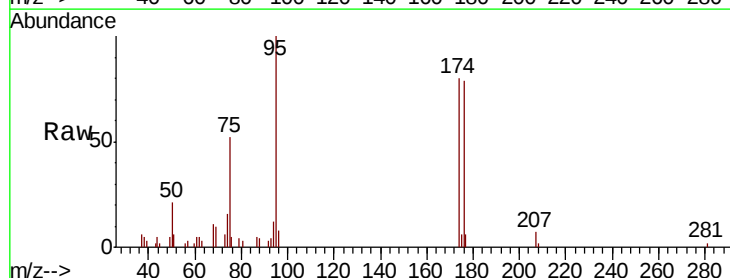
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

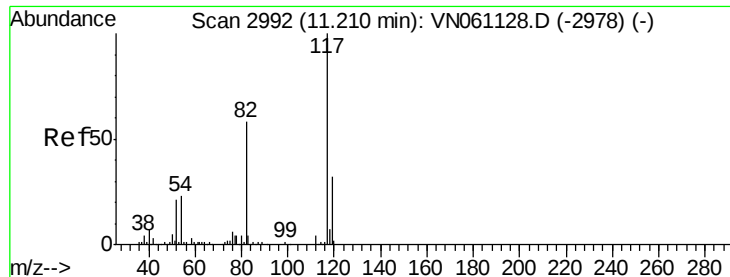
Tot Ion:107 Resp: 12479
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 5.387 ug/l
 RT: 12.21 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion: 95 Resp: 15220
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 157.6
 176 78.9 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.21 min Scan# 2992

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

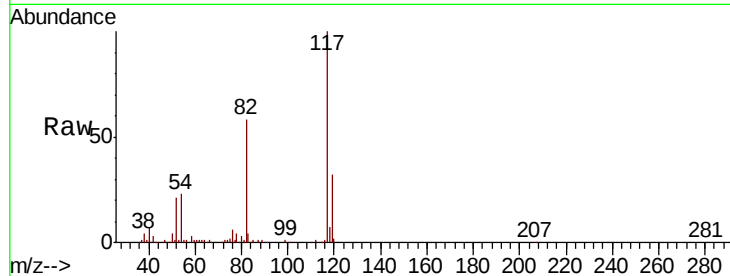
Tot Ion:117 Resp: 294421

Ion Ratio Lower Upper

117 100

82 57.7 46.0 69.0

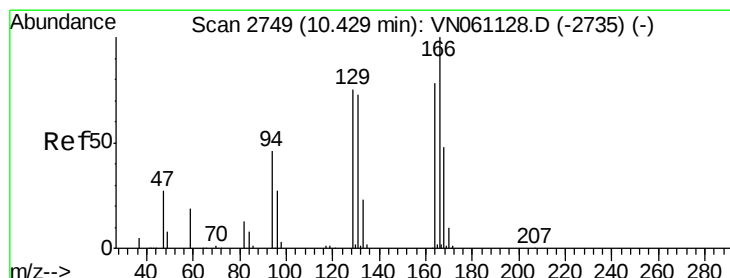
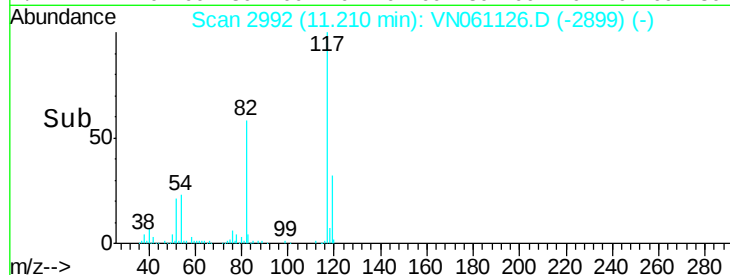
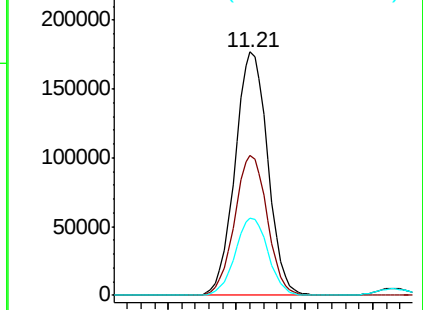
119 31.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 7.291 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Tgt Ion:164 Resp: 17337

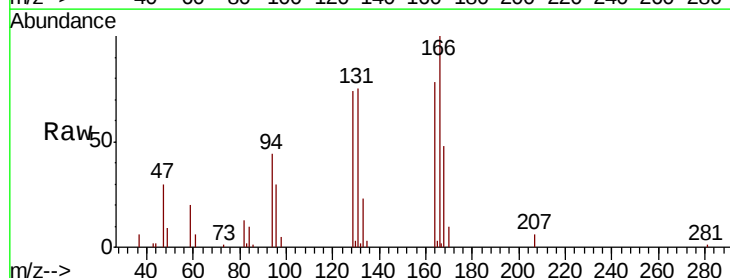
Ion Ratio Lower Upper

164 100

166 128.9 101.9 152.9

129 95.8 76.5 114.7

131 96.1 74.2 111.4

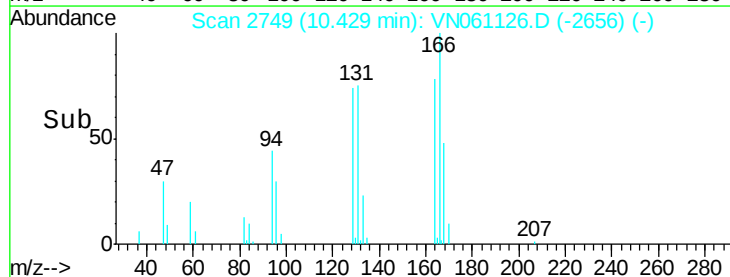
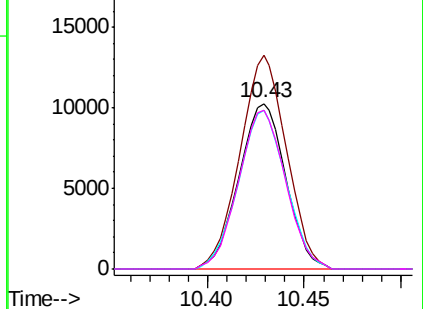


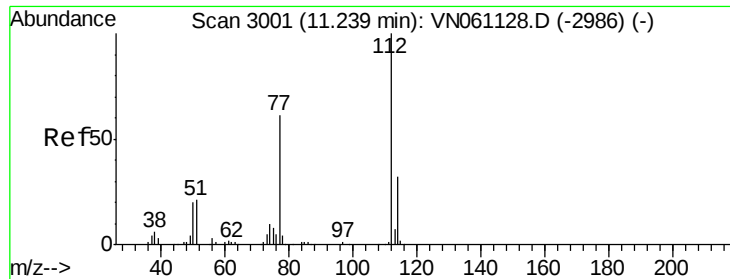
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

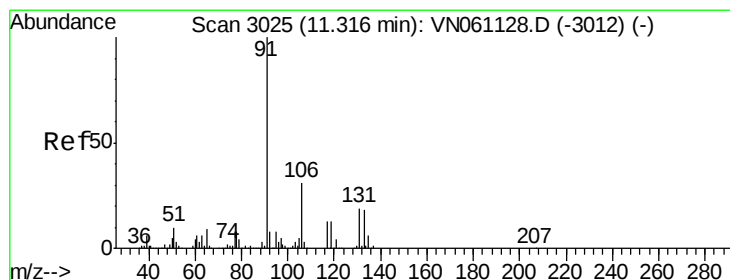
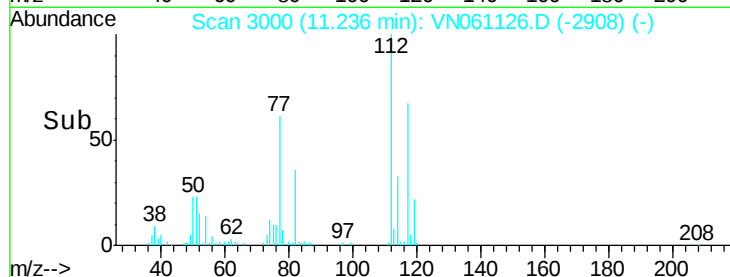
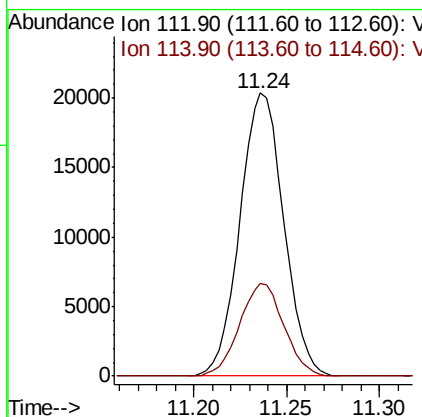
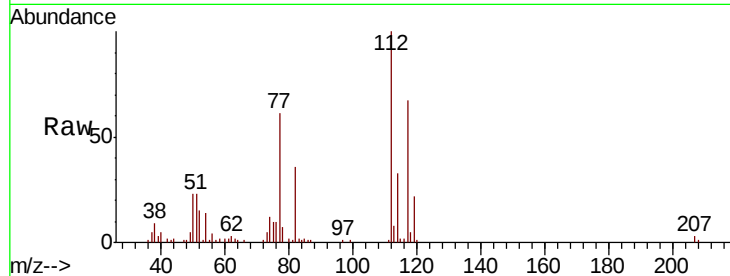




#65
Chlorobenzene
Concen: 5.484 ug/l
RT: 11.24 min Scan# 3000
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

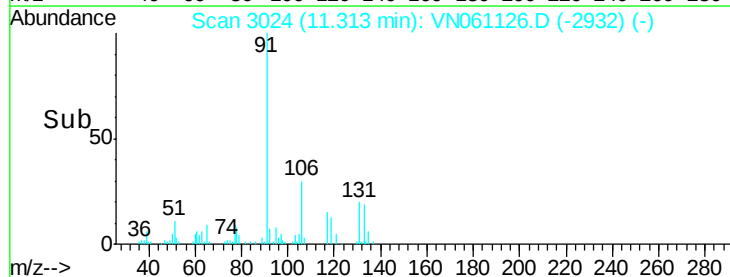
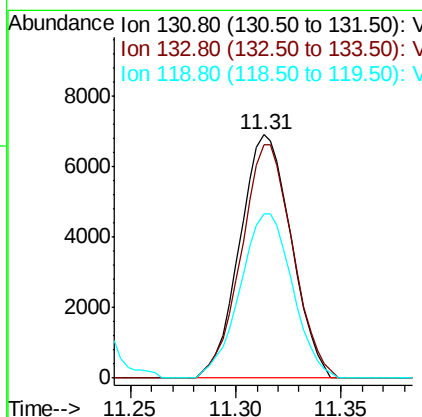
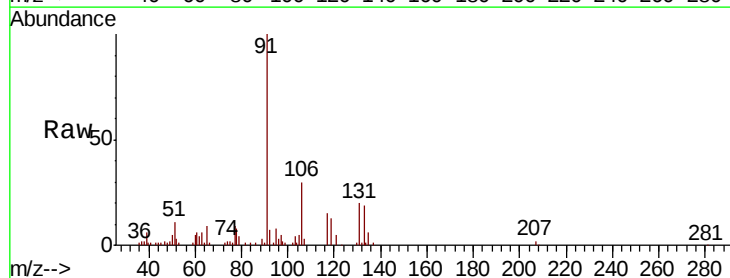
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

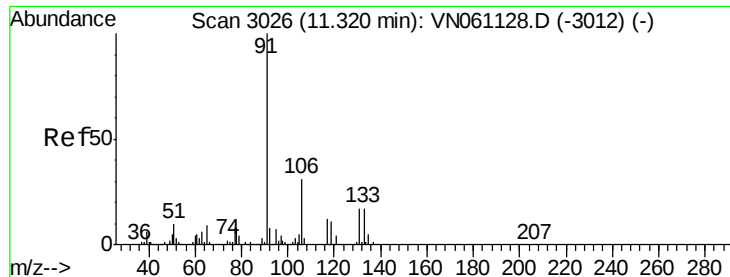
Tot Ion:112 Resp: 33362
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.366 ug/l
RT: 11.31 min Scan# 3024
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion:131 Resp: 11699
Ion Ratio Lower Upper
131 100
133 95.7 48.2 144.6
119 69.0 33.1 99.5





#67

Ethyl Benzene

Concen: 5.447 ug/l

RT: 11.32 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

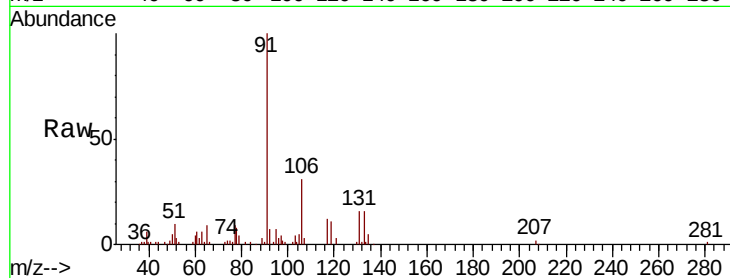
VSTDIC005

Tot Ion: 91 Resp: 62196

Ion Ratio Lower Upper

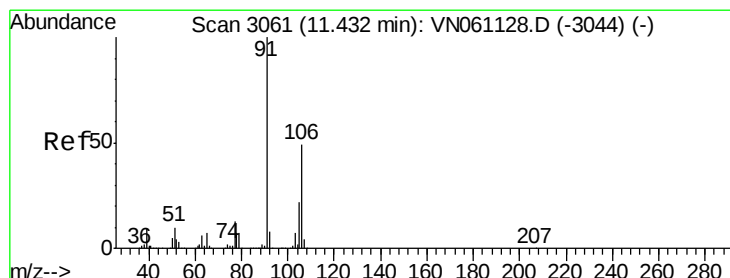
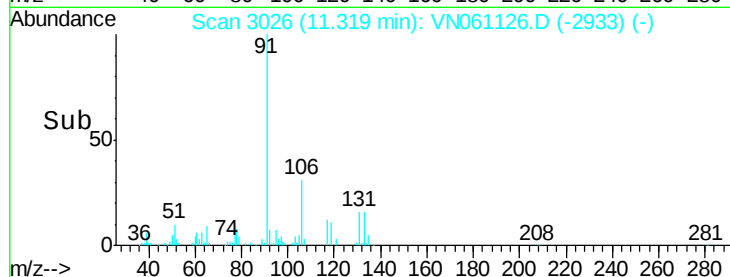
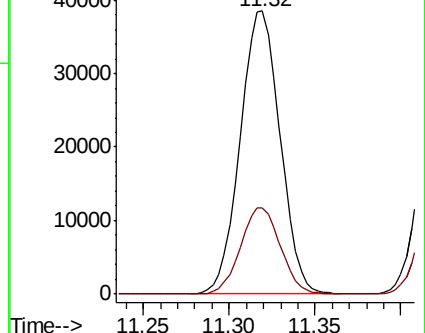
91 100

106 30.6 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN061126.D (-2933) (-)

Ion 106.00 (105.70 to 106.70): VN061126.D (-2933) (-)



#68

m/p-Xylenes

Concen: 11.225 ug/l

RT: 11.43 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN061126.D

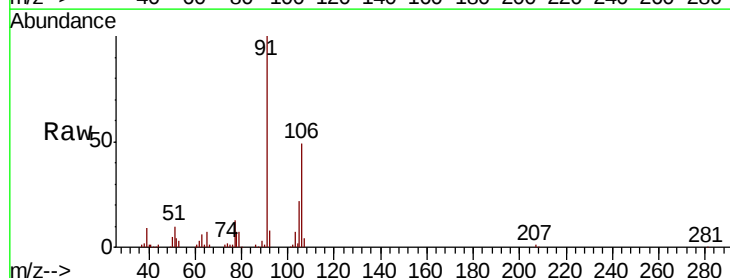
Acq: 22 Apr 2020 13:36

Tgt Ion: 106 Resp: 46610

Ion Ratio Lower Upper

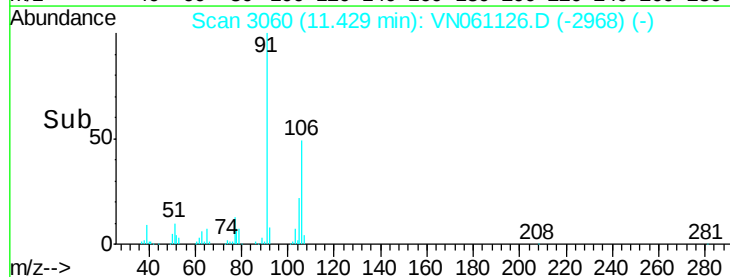
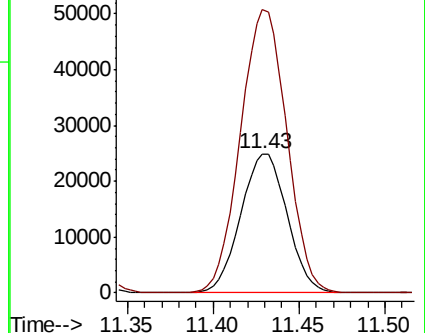
106 100

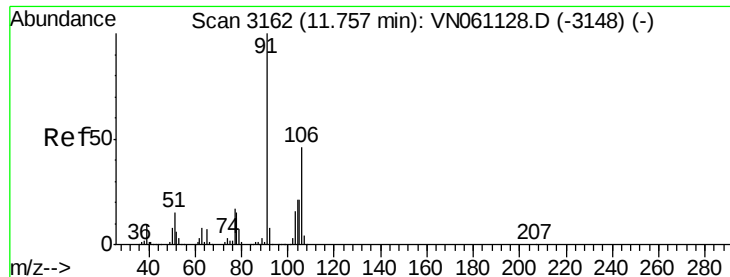
91 204.2 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VN061126.D (-2968) (-)

Ion 91.00 (90.70 to 91.70): VN061126.D (-2968) (-)

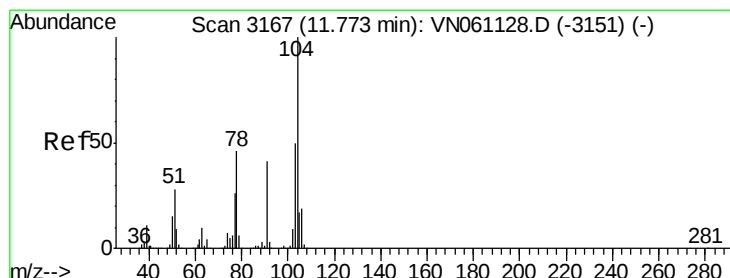
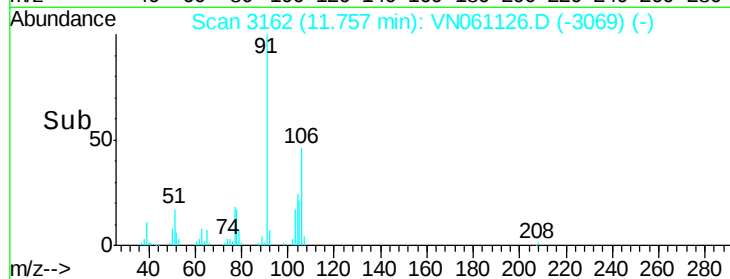
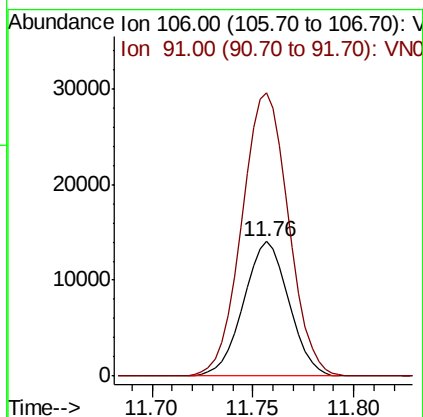
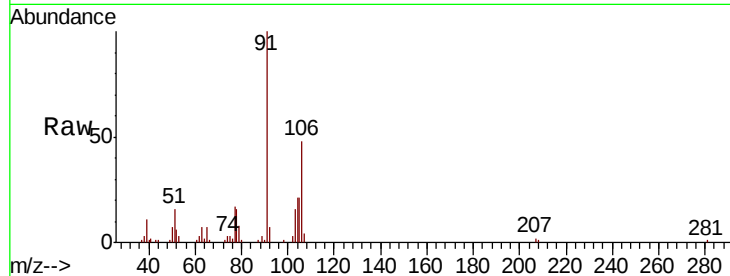




#69
o-Xylene
Concen: 5.536 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

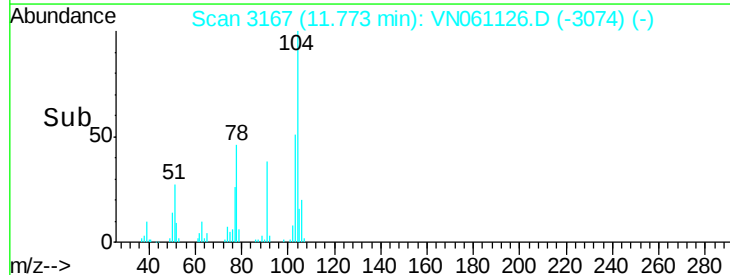
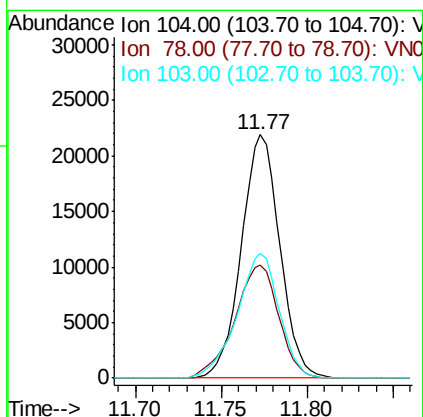
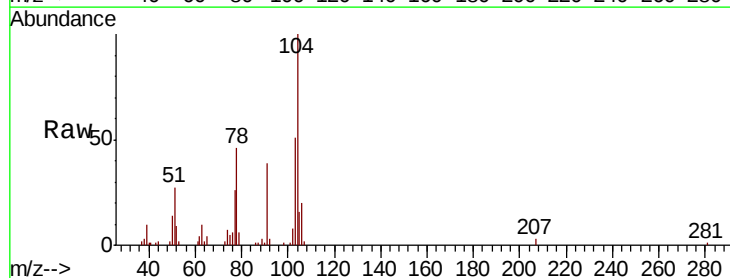
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

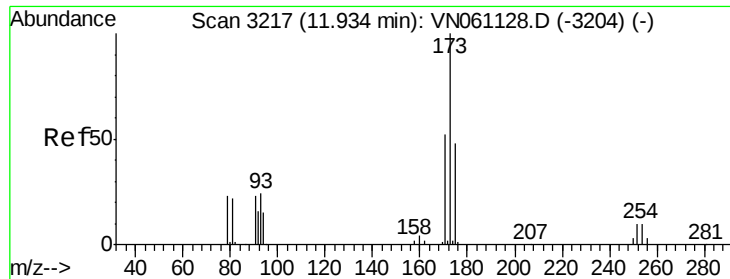
Tot Ion:106 Resp: 22102
Ion Ratio Lower Upper
106 100
91 216.7 107.6 322.8



#70
Styrene
Concen: 5.302 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion:104 Resp: 34073
Ion Ratio Lower Upper
104 100
78 53.1 40.6 61.0
103 56.0 43.7 65.5





#71

Bromoform

Concen: 4.956 ug/l

RT: 11.93 min Scan# 3217

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

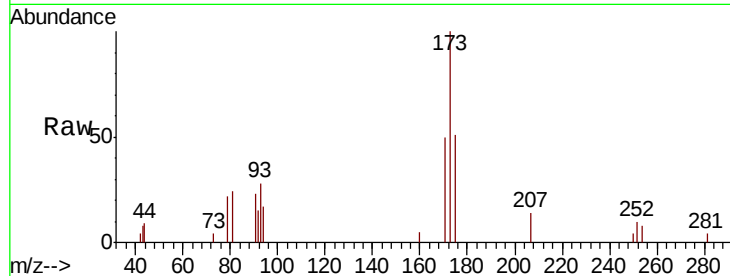
Tot Ion:173 Resp: 8059

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

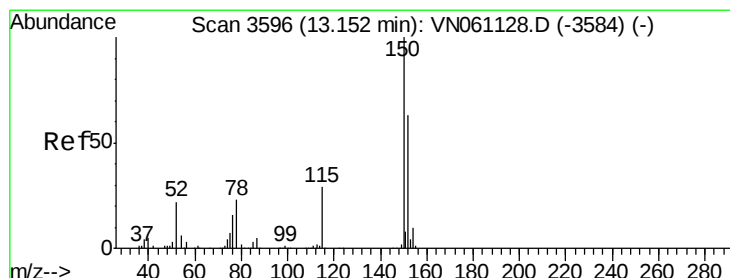
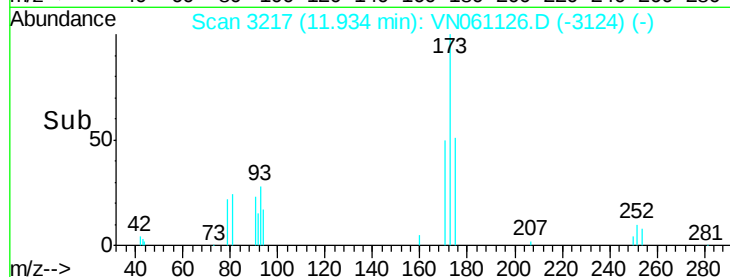
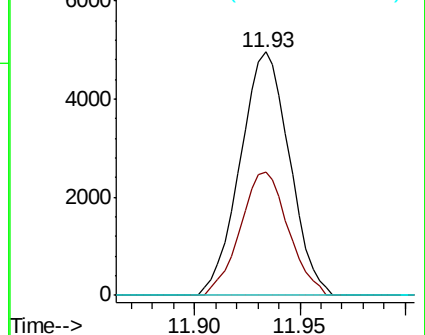
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

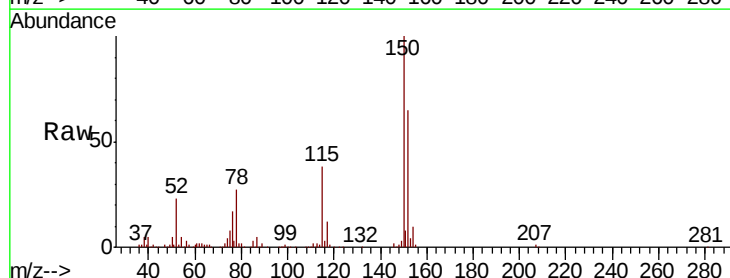
Tgt Ion:152 Resp: 139819

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.5

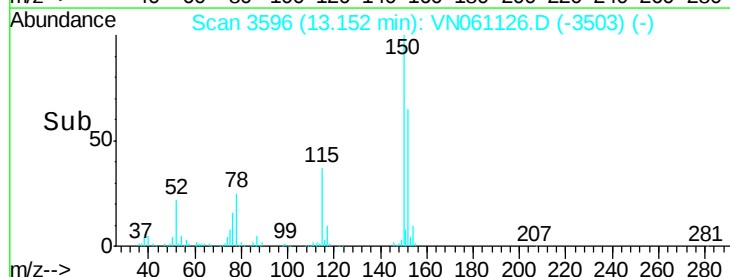
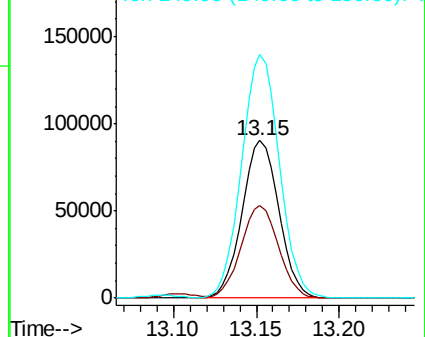
150 158.6 0.0 348.6

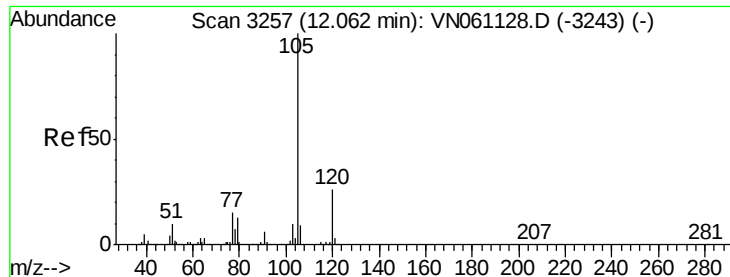


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.283 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

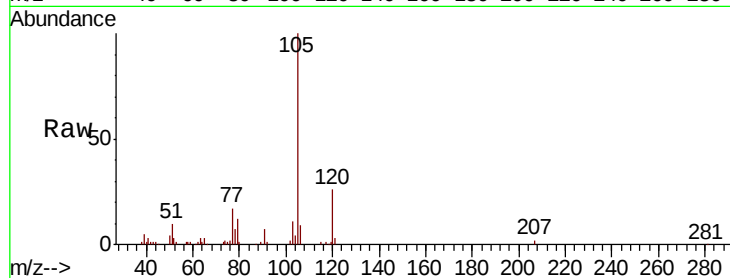
VSTDIC005

Tot Ion:105 Resp: 58951

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.06

40000

30000

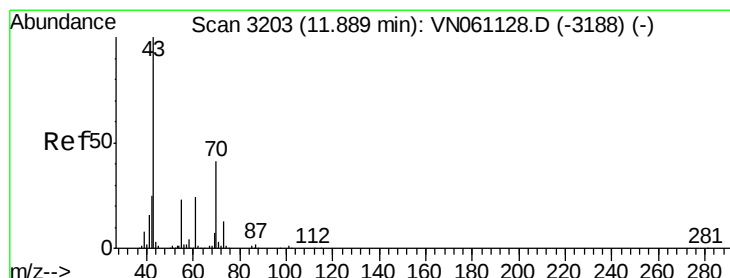
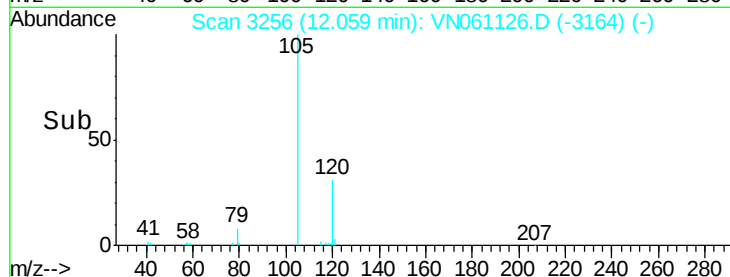
20000

10000

0

Time-->

12.00 12.05 12.10



#74

N-ethyl acetate

Concen: 4.897 ug/l

RT: 11.89 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Tgt Ion: 43 Resp: 25231

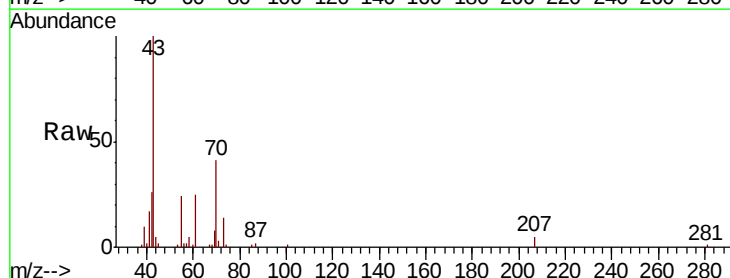
Ion Ratio Lower Upper

43 100

70 39.3 32.5 48.7

55 24.2 19.0 28.6

61 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

11.89

25000

20000

15000

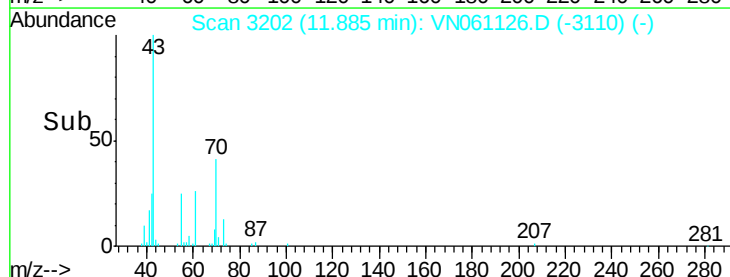
10000

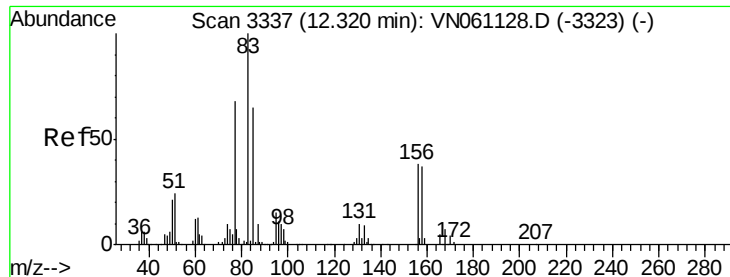
5000

0

Time-->

11.85 11.90 11.95





#75

1,1,2,2-Tetrachloroethane

Concen: 4.729 ug/l

RT: 12.32 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

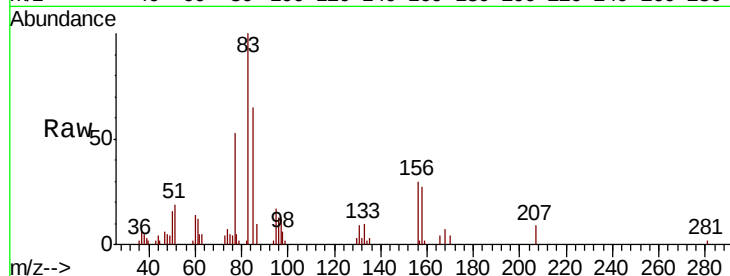
Tot Ion: 83 Resp: 15771

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.2

85 63.7 31.9 95.5

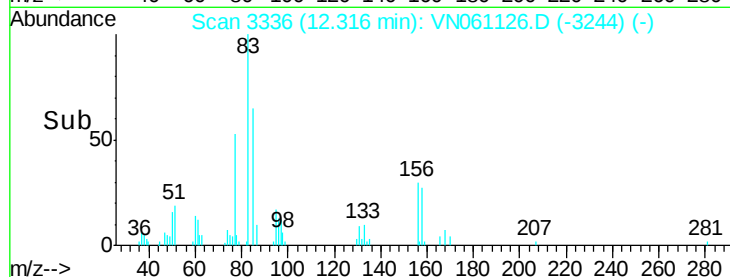


Abundance Ion 82.90 (82.60 to 83.60): VN061126.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN061126.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN061126.D (-3337) (-)

Time-->

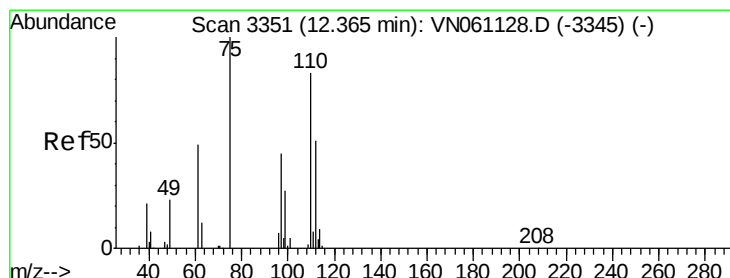


Abundance Ion 82.90 (82.60 to 83.60): VN061126.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN061126.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN061126.D (-3337) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 7.695 ug/l

RT: 12.36 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN061126.D

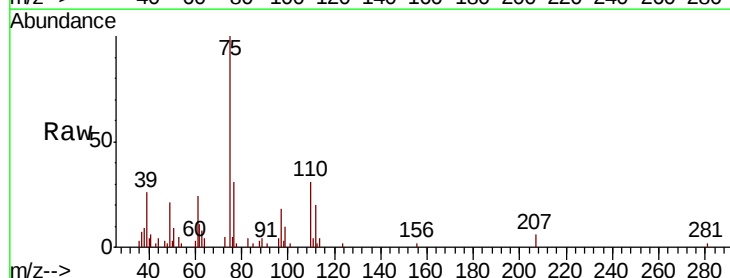
Acq: 22 Apr 2020 13:36

Tgt Ion: 75 Resp: 24048

Ion Ratio Lower Upper

75 100

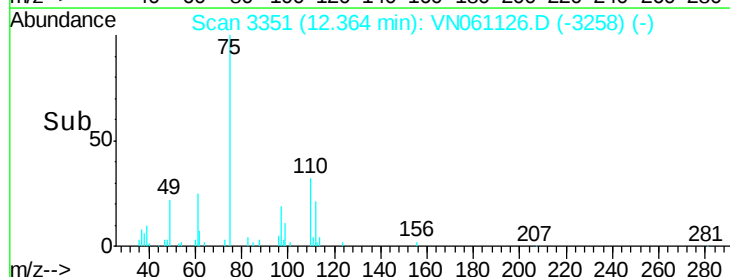
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061126.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN061126.D (-3351) (-)

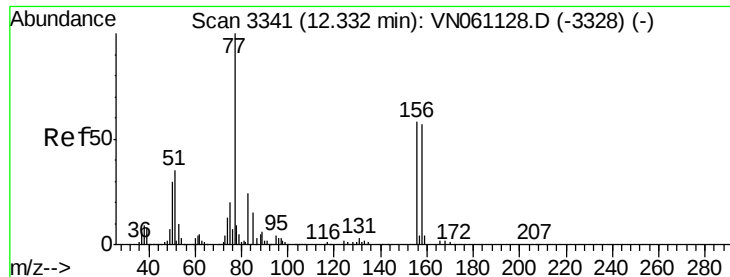
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN061126.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN061126.D (-3351) (-)

Time-->



#77

Bromobenzene

Concen: 5.563 ug/l

RT: 12.33 min Scan# 3341

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

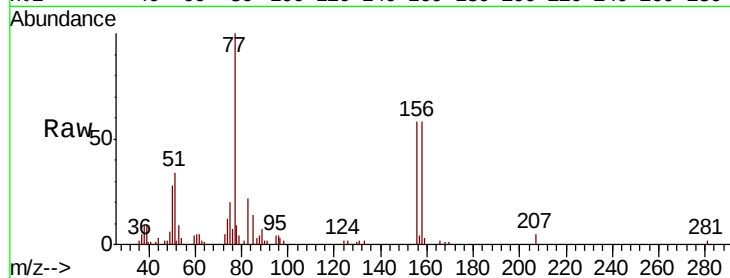
Tot Ion:156 Resp: 14610

Ion Ratio Lower Upper

156 100

77 212.4 105.7 317.1

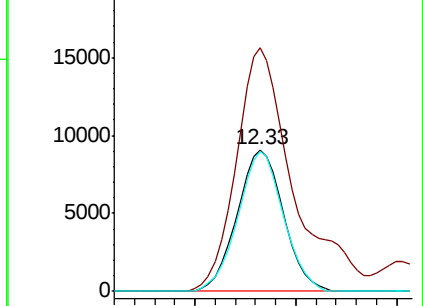
158 96.5 48.3 144.9



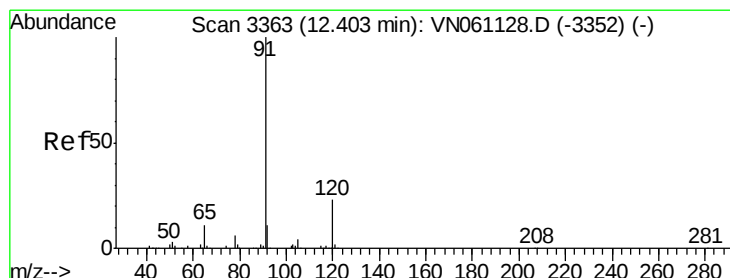
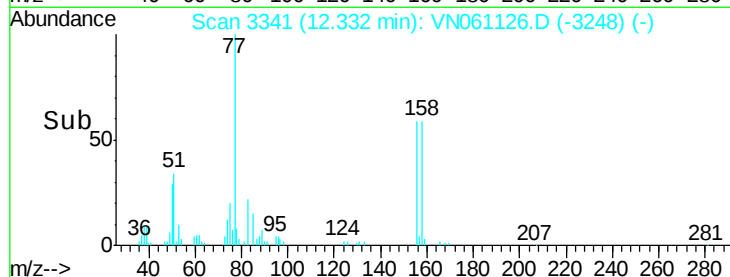
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 5.377 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN061126.D

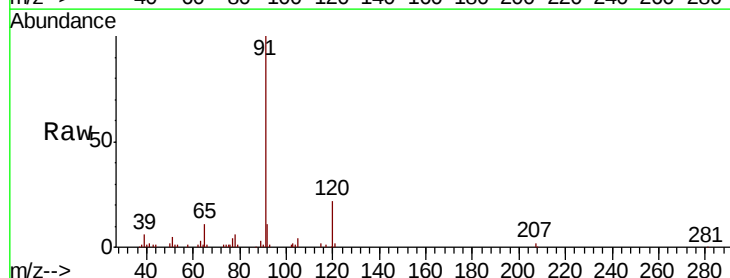
Acq: 22 Apr 2020 13:36

Tgt Ion: 91 Resp: 69972

Ion Ratio Lower Upper

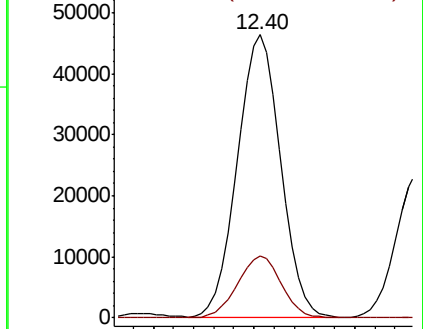
91 100

120 22.0 11.3 33.9

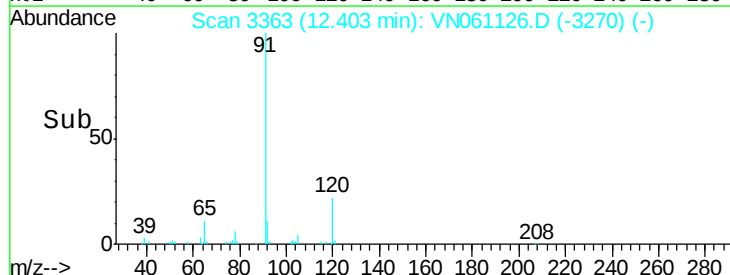


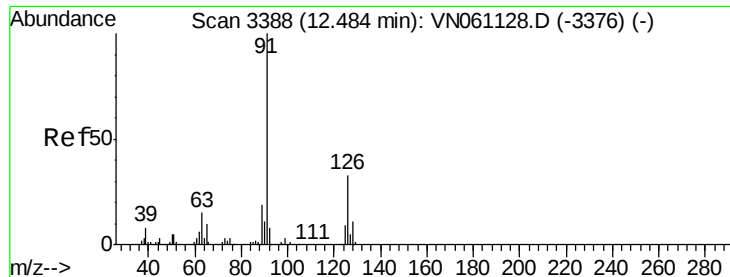
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->

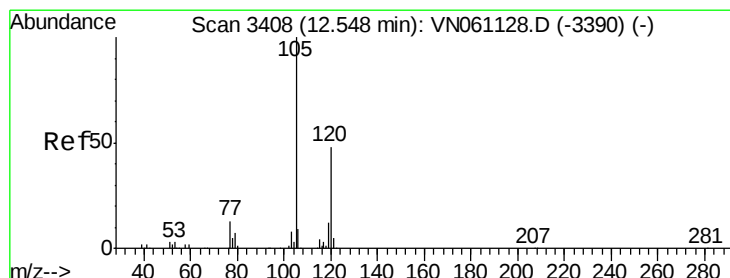
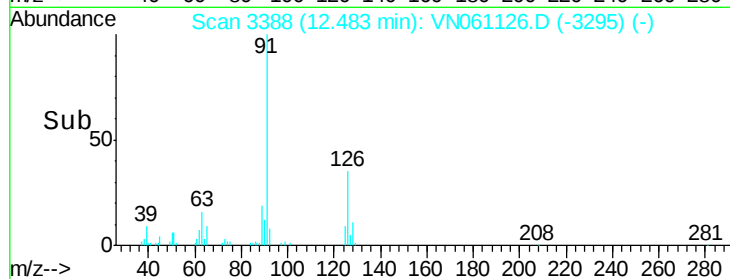
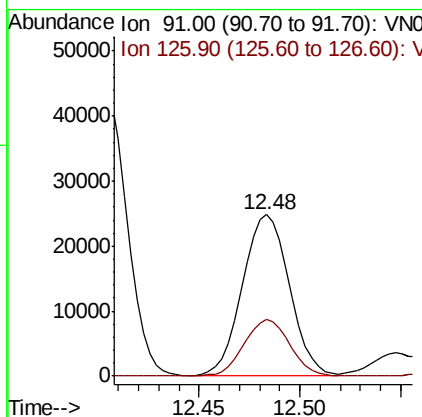
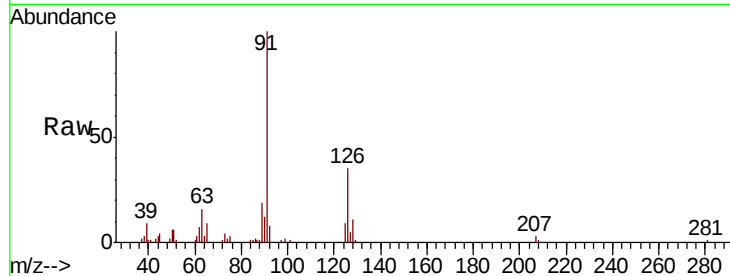




#79
 2-Chlorotoluene
 Concen: 5.336 ug/l
 RT: 12.48 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

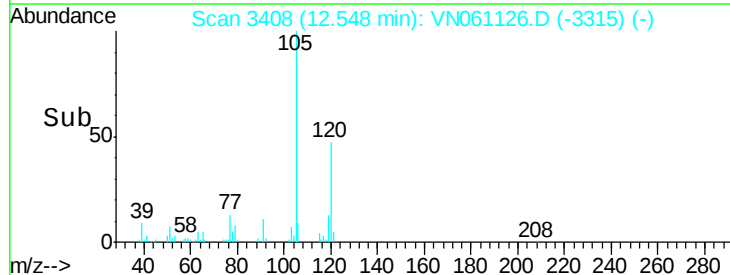
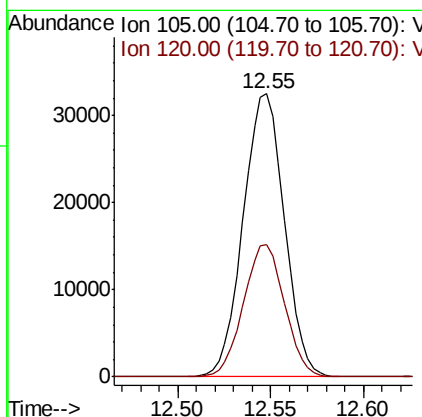
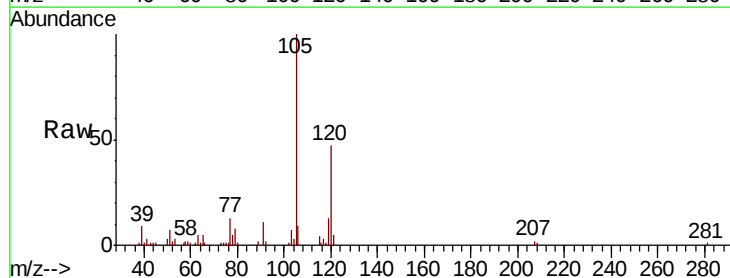
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

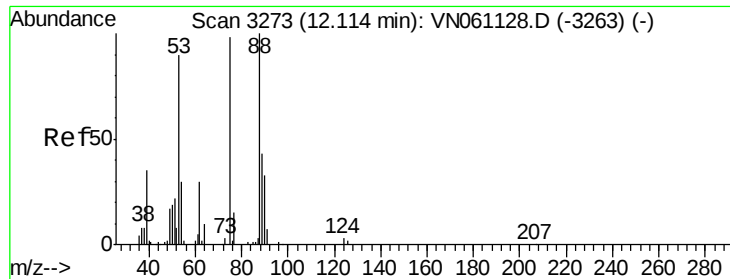
Tot Ion: 91 Resp: 40717
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 5.434 ug/l
 RT: 12.55 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion: 105 Resp: 50092
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 5.221 ug/l

RT: 12.11 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

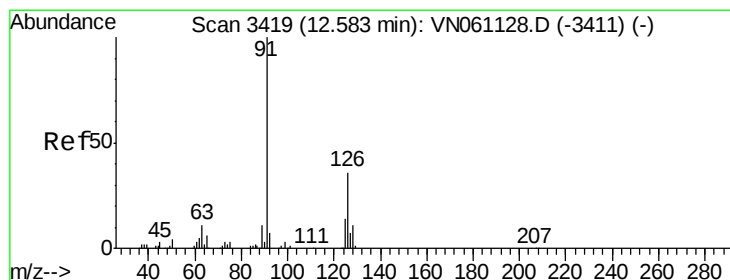
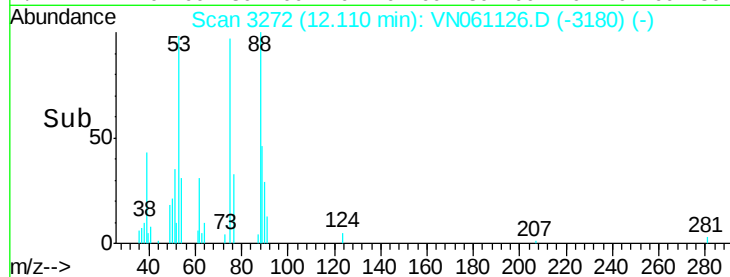
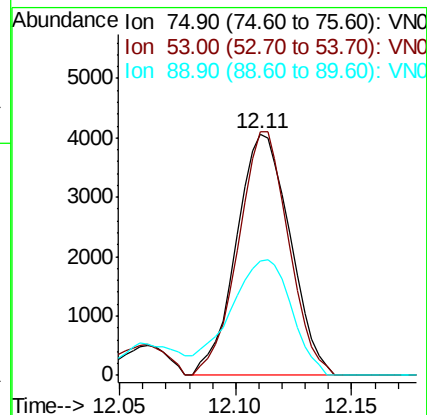
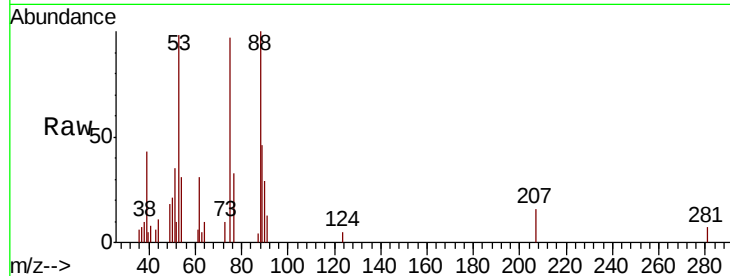
Tot Ion: 75 Resp: 6531

Ion Ratio Lower Upper

75 100

53 94.7 74.3 111.5

89 56.0 36.6 55.0#



#82

4-Chlorotoluene

Concen: 5.322 ug/l

RT: 12.58 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN061126.D

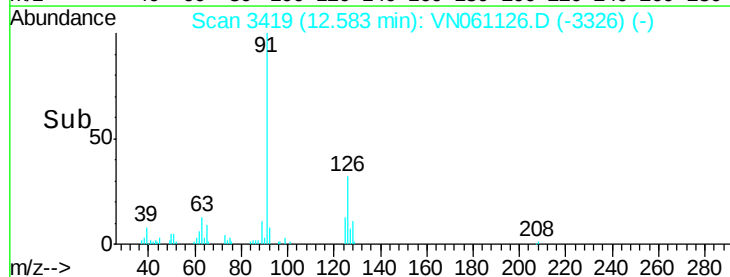
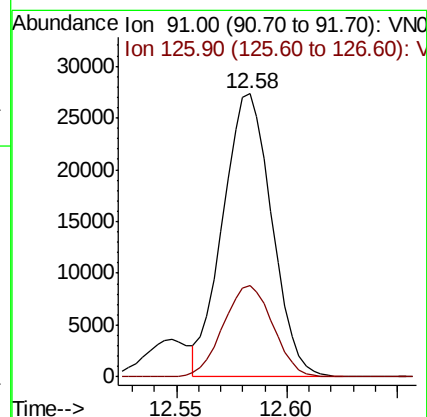
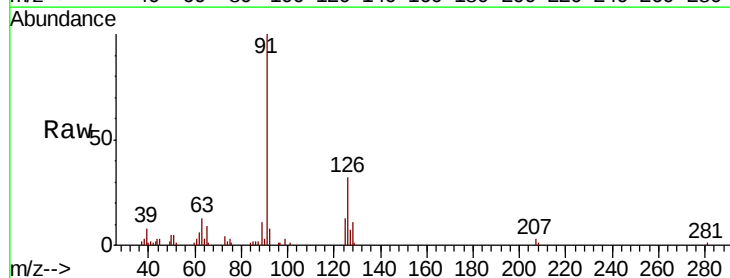
Acq: 22 Apr 2020 13:36

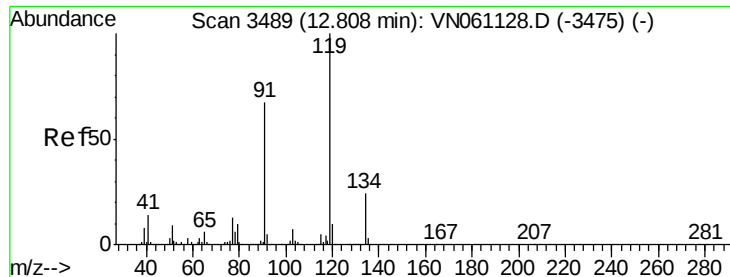
Tgt Ion: 91 Resp: 42139

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2





#83

tert-Butylbenzene

Concen: 5.301 ug/l

RT: 12.80 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

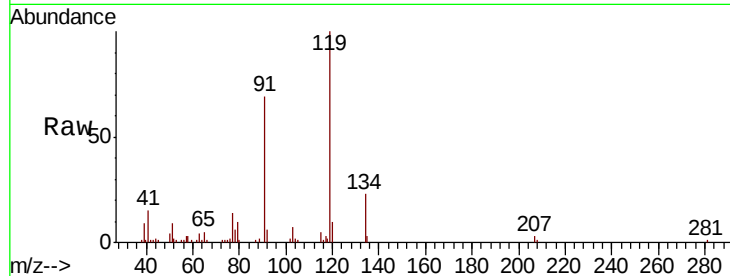
Tot Ion:119 Resp: 41234

Ion Ratio Lower Upper

119 100

91 69.2 32.8 98.4

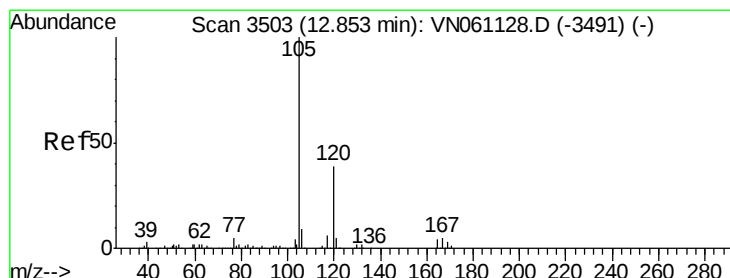
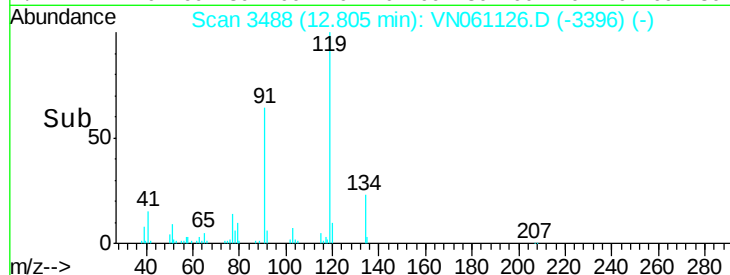
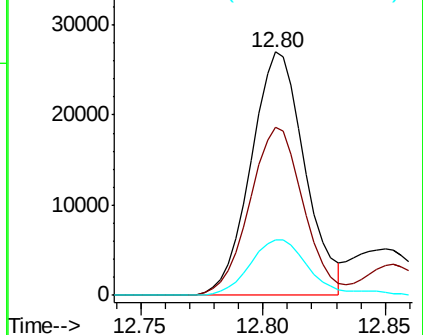
134 25.5 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.399 ug/l

RT: 12.85 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN061126.D

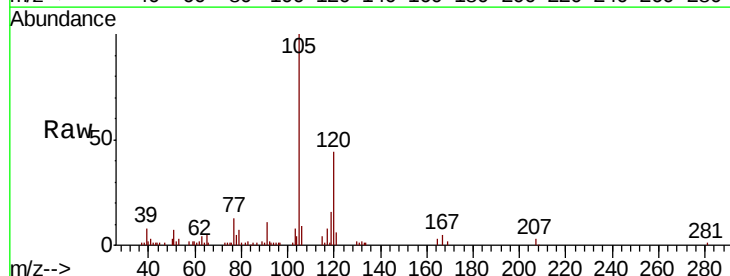
Acq: 22 Apr 2020 13:36

Tgt Ion:105 Resp: 49223

Ion Ratio Lower Upper

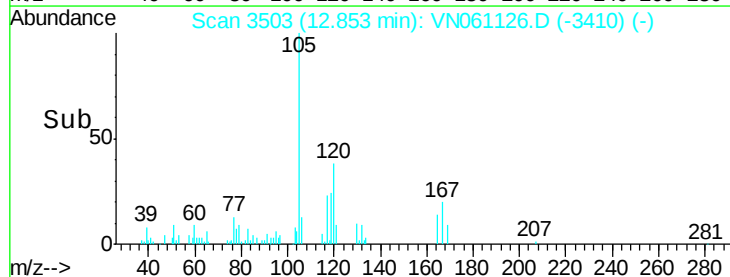
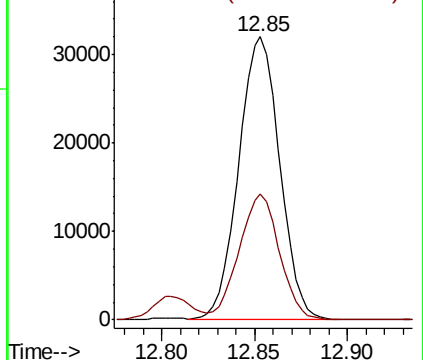
105 100

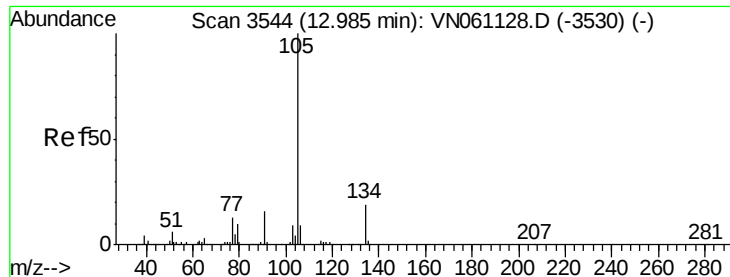
120 43.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.331 ug/l

RT: 12.98 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

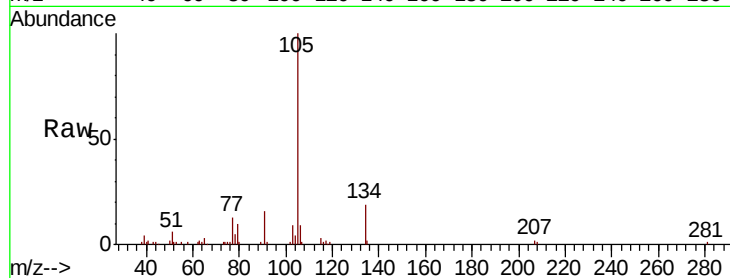
VSTDIC005

Tot Ion:105 Resp: 55983

Ion Ratio Lower Upper

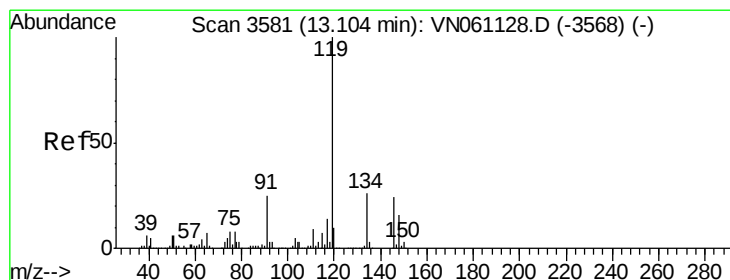
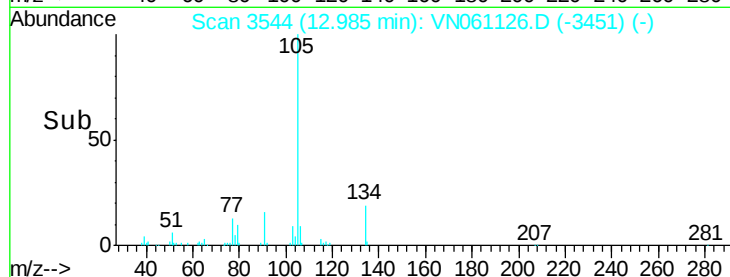
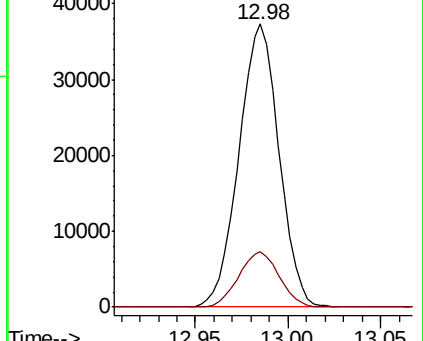
105 100

134 19.7 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.521 ug/l

RT: 13.10 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

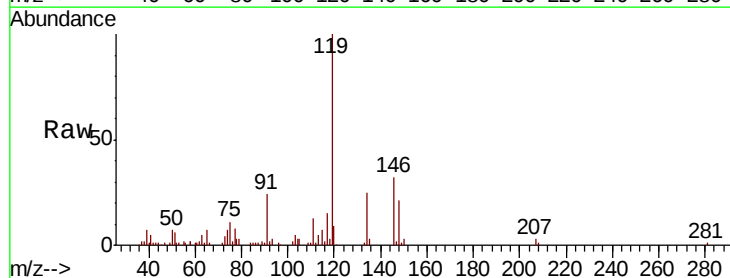
Tgt Ion:119 Resp: 51772

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

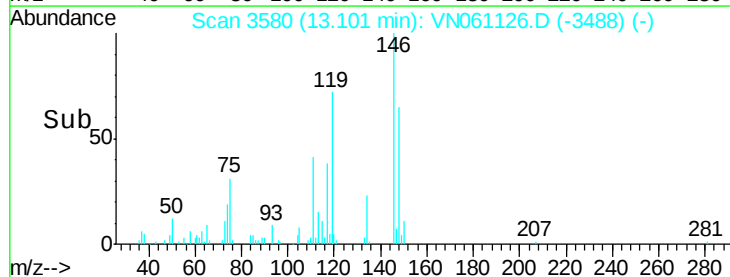
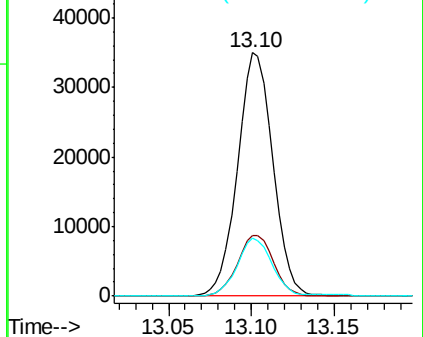
91 23.7 12.4 37.0

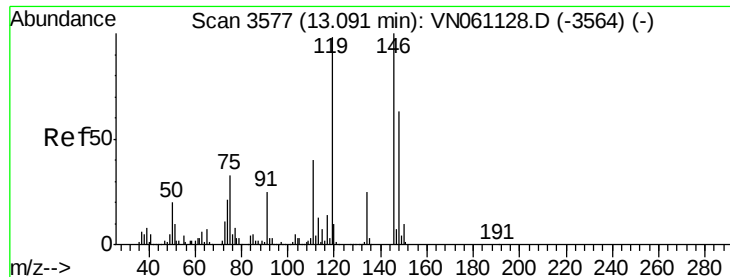


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

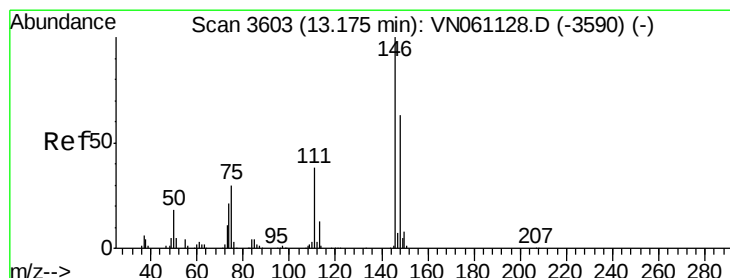
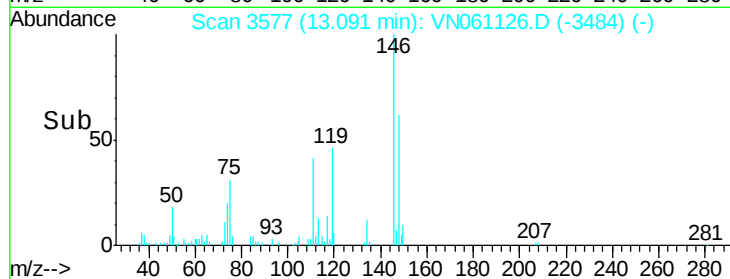
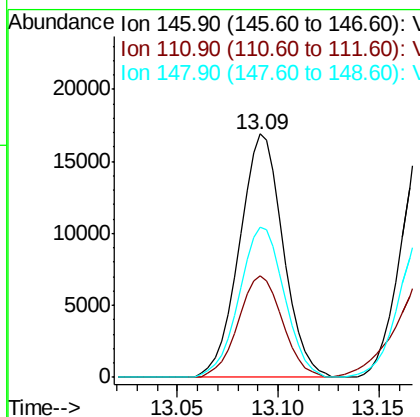
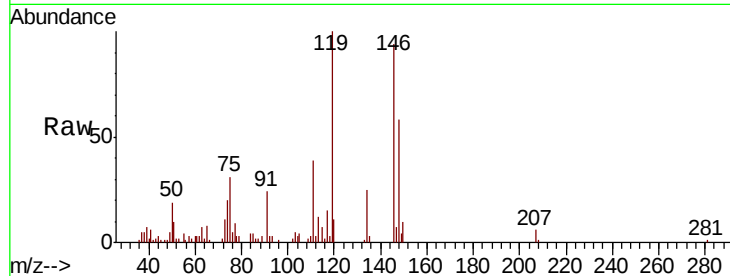




#87
 1,3-Dichlorobenzene
 Concen: 5.514 ug/l
 RT: 13.09 min Scan# 3577
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

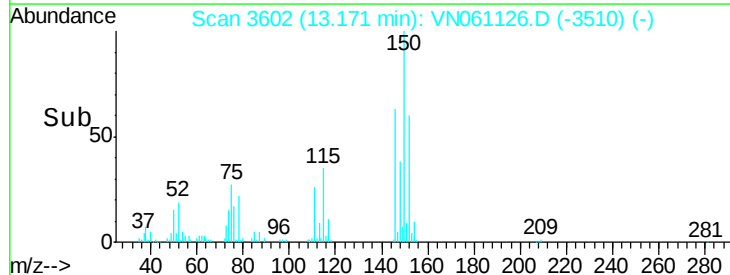
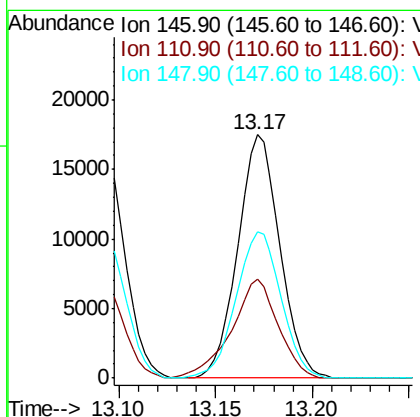
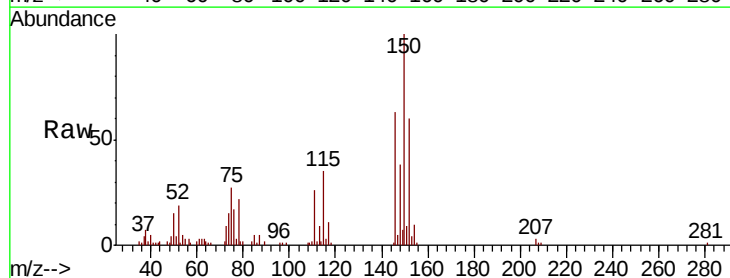
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

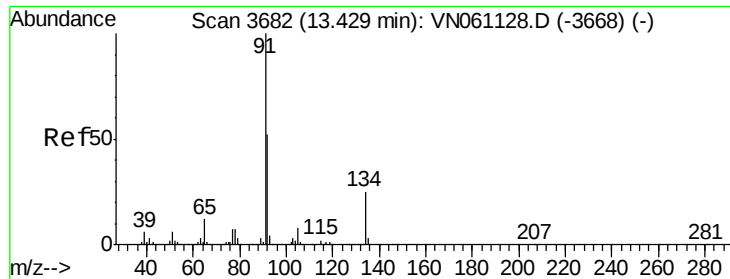
Tot Ion:146 Resp: 25690
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 60.9
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.633 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion:146 Resp: 26461
 Ion Ratio Lower Upper
 146 100
 111 44.9 19.7 59.1
 148 64.2 31.8 95.3

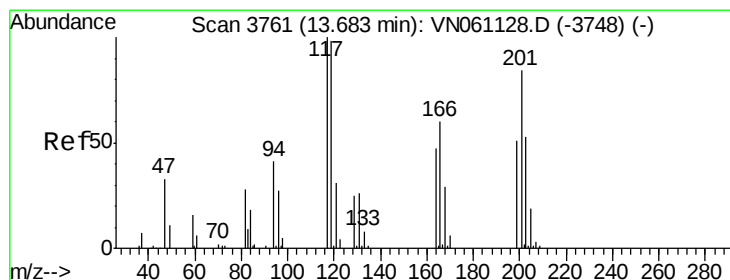
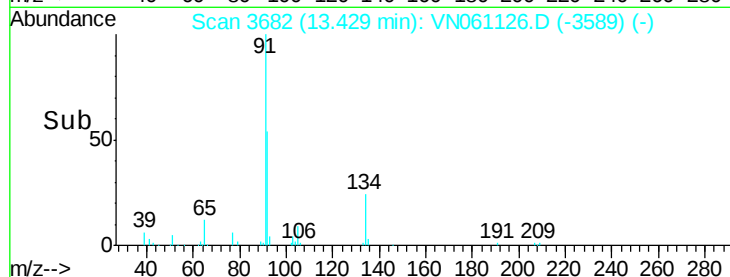
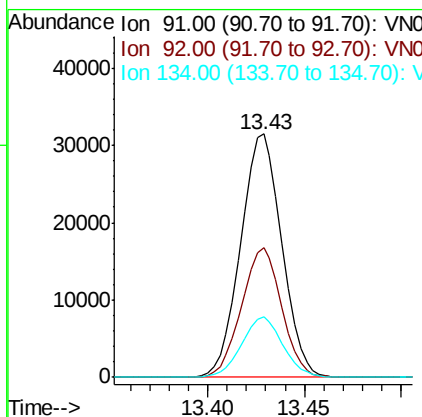
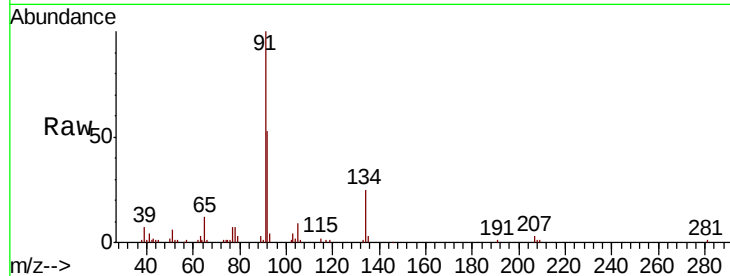




#89
n-Butylbenzene
Concen: 5.359 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

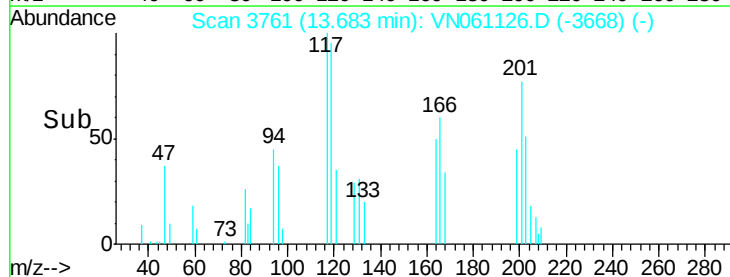
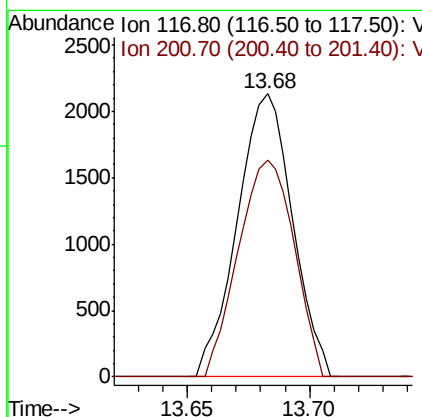
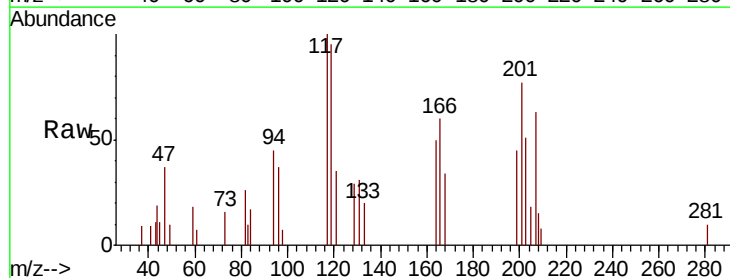
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

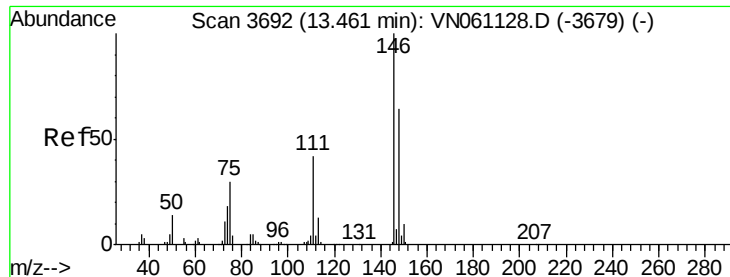
Tot Ion: 91 Resp: 46549
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 24.9 12.6 37.6



#90
Hexachloroethane
Concen: 2.489 ug/l
RT: 13.68 min Scan# 3761
Delta R.T. -0.00 min
Lab File: VN061126.D
Acq: 22 Apr 2020 13:36

Tgt Ion: 117 Resp: 3347
Ion Ratio Lower Upper
117 100
201 77.4 41.4 124.4

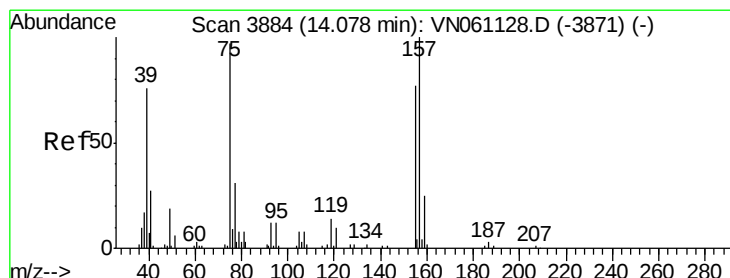
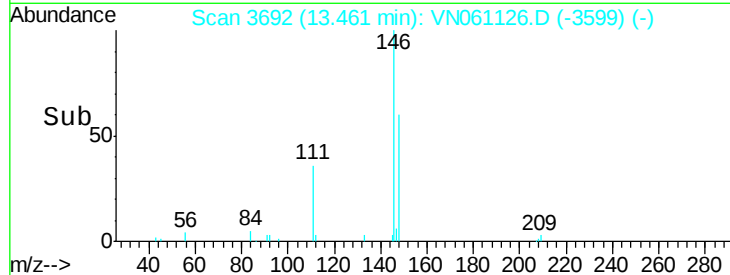
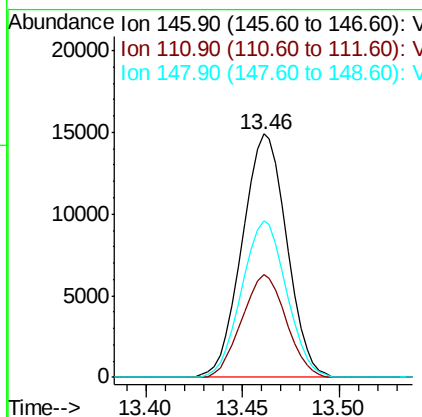
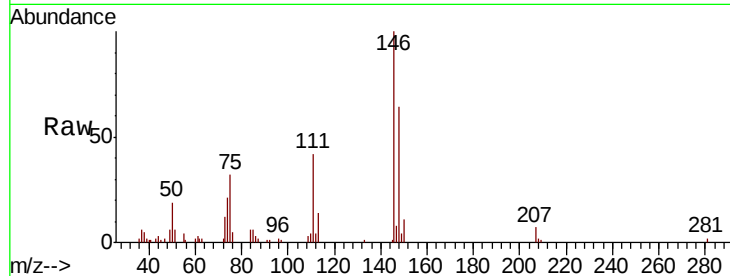




#91
 1,2-Dichlorobenzene
 Concen: 5.393 ug/l
 RT: 13.46 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

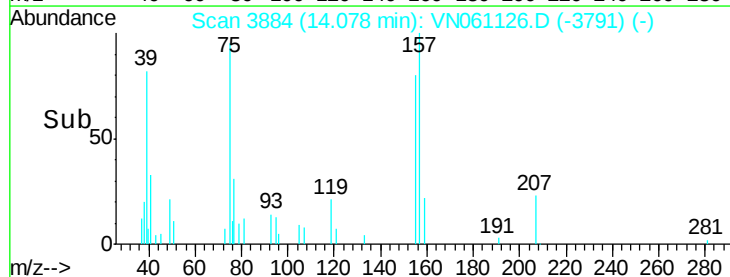
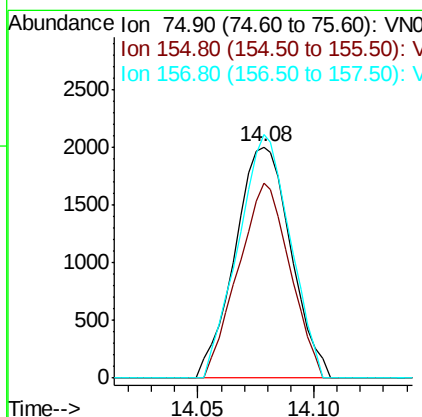
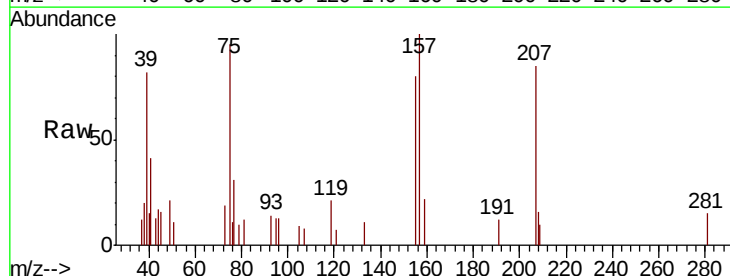
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

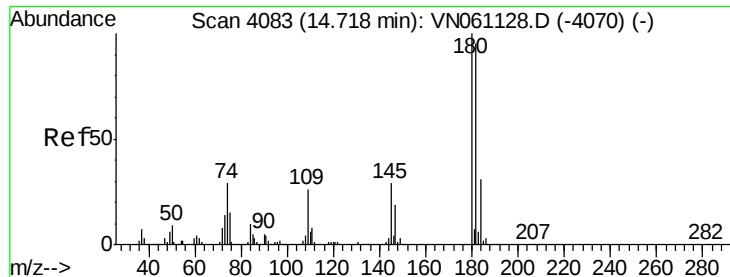
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.2
148	64.3	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.125 ug/l
 RT: 14.08 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	40.3	120.9
157	98.5	51.6	154.8

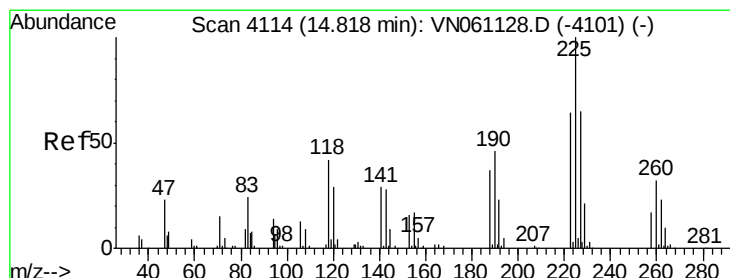
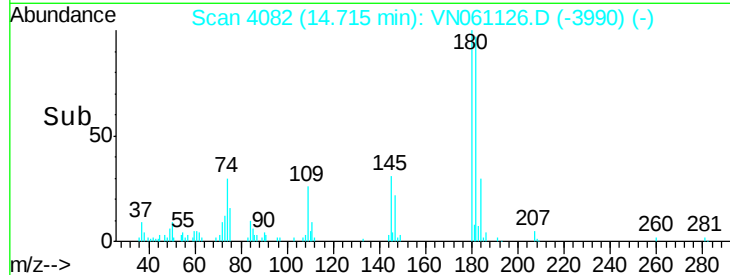
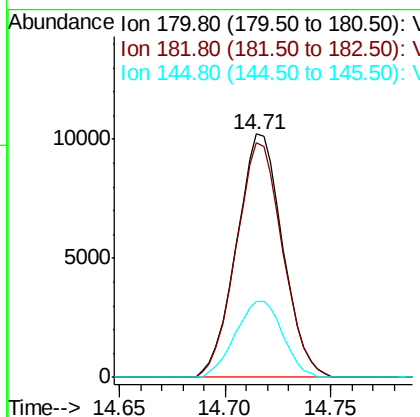
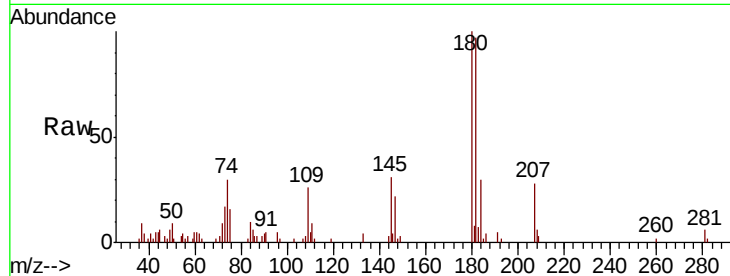




#93
 1,2,4-Trichlorobenzene
 Concen: 5.859 ug/l
 RT: 14.71 min Scan# 4082
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

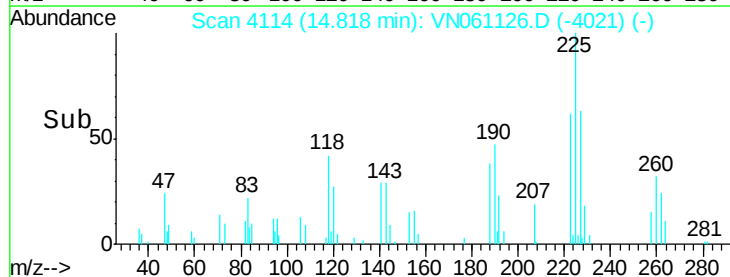
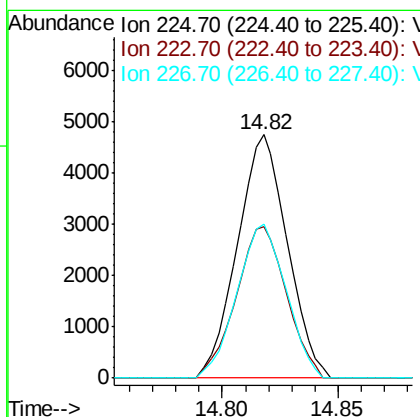
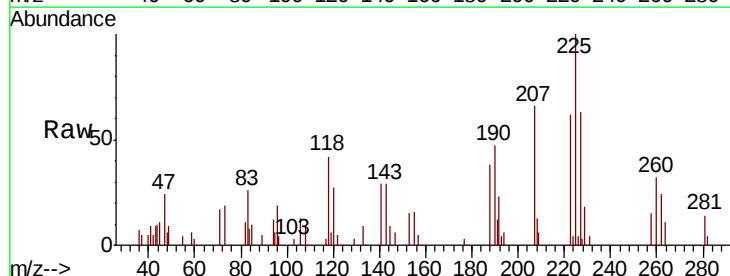
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

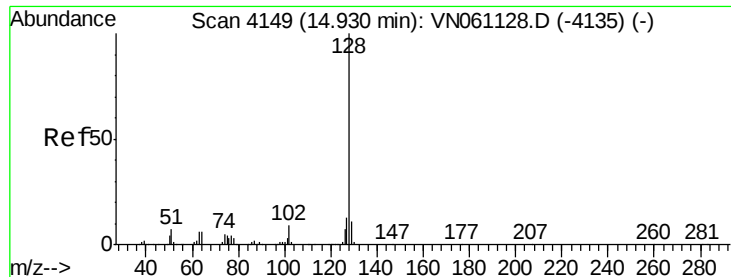
Tot Ion:180 Resp: 15522
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.9 143.7
 145 32.0 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 5.307 ug/l
 RT: 14.82 min Scan# 4114
 Delta R.T. -0.00 min
 Lab File: VN061126.D
 Acq: 22 Apr 2020 13:36

Tgt Ion:225 Resp: 7080
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 62.3 32.0 96.2





#95

Naphthalene

Concen: 6.082 ug/l

RT: 14.93 min Scan# 4149

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

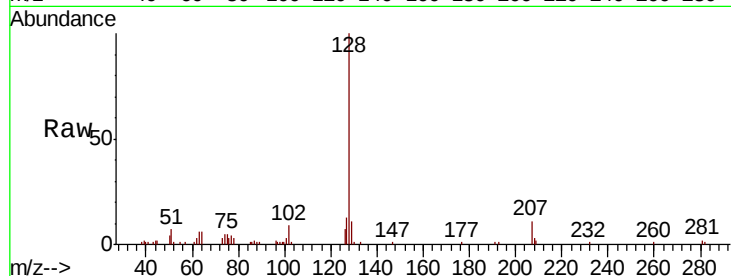
Tot Ion:128 Resp: 47642

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

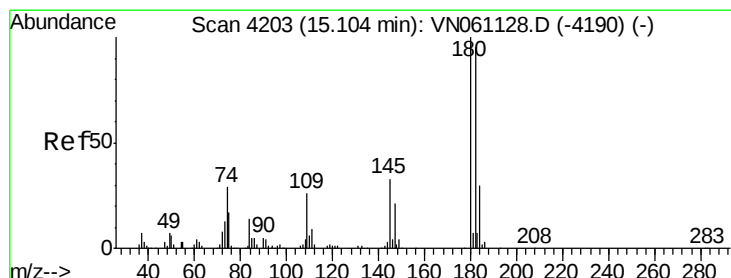
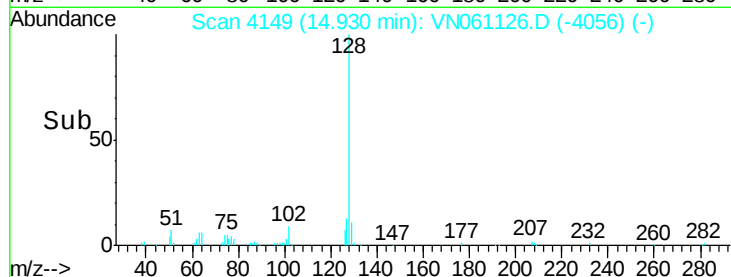
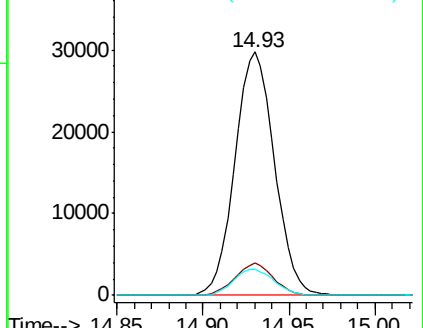
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.848 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. -0.00 min

Lab File: VN061126.D

Acq: 22 Apr 2020 13:36

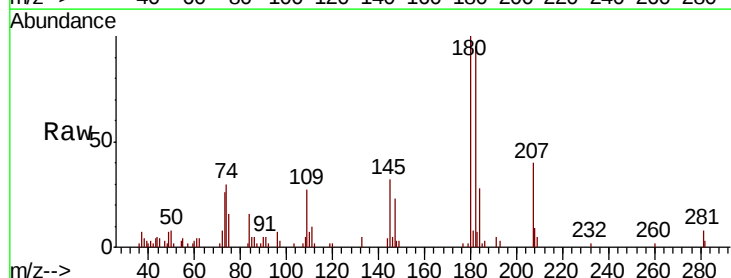
Tgt Ion:180 Resp: 14940

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 33.0 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

