

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061125.D
 Acq On : 22 Apr 2020 13:09
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 22 14:54:23 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	216184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	348340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	319099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	144019	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.76	65	2494	0.89	ug/l	0.00
Spiked Amount			Recovery	=	1.78%	
35) Dibromofluoromethane	7.32	113	1758	0.86	ug/l	0.00
Spiked Amount			Recovery	=	1.72%	
50) Toluene-d8	9.88	98	8066	1.02	ug/l	0.00
Spiked Amount			Recovery	=	2.04%	
62) 4-Bromofluorobenzene	12.21	95	3165	1.03	ug/l	0.00
Spiked Amount			Recovery	=	2.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.72	85	1676	0.685	ug/l	100
3) Chloromethane	1.91	50	2510	0.697	ug/l	98
4) Vinyl Chloride	2.03	62	2827	0.895	ug/l	98
5) Bromomethane	2.39	94	1412	0.895	ug/l	90
6) Chloroethane	2.52	64	1561	0.873	ug/l	95
7) Trichlorofluoromethane	2.82	101	3201	0.839	ug/l	94
8) Diethyl Ether	3.18	74	1540	0.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.50	101	1927	0.834	ug/l #	82
10) Methyl Iodide	3.68	142	2648	1.166	ug/l #	92
11) Tert butyl alcohol	4.43	59	1674	3.543	ug/l #	72
12) 1,1-Dichloroethene	3.48	96	2308	0.991	ug/l	86
13) Acrolein	3.36	56	975	2.480	ug/l	97
14) Allyl chloride	4.02	41	4030	0.949	ug/l	95
15) Acrylonitrile	4.64	53	4802	3.687	ug/l	95
16) Acetone	3.55	43	14617	12.437	ug/l	99
17) Carbon Disulfide	3.79	76	6720	0.923	ug/l	96
18) Methyl Acetate	4.02	43	4739	1.270	ug/l	91
19) Methyl tert-butyl Ether	4.69	73	7622	0.934	ug/l	100
20) Methylene Chloride	4.23	84	2727	1.038	ug/l	90
21) trans-1,2-Dichloroethene	4.69	96	3233	1.283	ug/l #	80
22) Diisopropyl ether	5.61	45	7531	0.829	ug/l	96
23) Vinyl Acetate	5.55	43	28468	3.974	ug/l	100
24) 1,1-Dichloroethane	5.50	63	4056	0.822	ug/l #	84
25) 2-Butanone	6.50	43	7129	3.917	ug/l	95
26) 2,2-Dichloropropane	6.50	77	3868	0.934	ug/l	94
27) cis-1,2-Dichloroethene	6.50	96	3256	1.128	ug/l	82
28) Bromochloromethane	6.89	49	1576	0.707	ug/l #	90
29) Tetrahydrofuran	6.90	42	4839	3.905	ug/l	97
30) Chloroform	7.08	83	4176	0.896	ug/l	98
31) Cyclohexane	7.39	56	8606	1.711	ug/l #	27
32) 1,1,1-Trichloroethane	7.29	97	3877	0.959	ug/l #	51
36) 1,1-Dichloropropene	7.52	75	3358	0.941	ug/l	92
37) Ethyl Acetate	6.61	43	3452	0.898	ug/l #	76
38) Carbon Tetrachloride	7.50	117	2610	0.875	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061125.D
 Acq On : 22 Apr 2020 13:09
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 22 14:54:23 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	3941	0.922	ug/l	88
40) Benzene	7.78	78	10116	0.956	ug/l	97
41) Methacrylonitrile	6.86	41	1243	0.763	ug/l #	37
42) 1,2-Dichloroethane	7.86	62	3504	0.967	ug/l	81
43) Isopropyl Acetate	7.91	43	5633	0.900	ug/l	95
44) Trichloroethene	8.60	130	3005	1.102	ug/l	91
45) 1,2-Dichloropropane	8.89	63	2797	0.982	ug/l	92
46) Dibromomethane	8.98	93	1693	1.014	ug/l	94
47) Bromodichloromethane	9.18	83	3005	0.859	ug/l #	97
48) Methyl methacrylate	8.98	41	2694	0.966	ug/l	89
49) 1,4-Dioxane	8.97	88	1734	51.255	ug/l #	88
51) 4-Methyl-2-Pentanone	9.78	43	15609	4.310	ug/l	96
52) Toluene	9.95	92	6120	0.958	ug/l	98
53) t-1,3-Dichloropropene	10.18	75	4083	1.004	ug/l	93
54) cis-1,3-Dichloropropene	9.63	75	4038	0.913	ug/l #	87
55) 1,1,2-Trichloroethane	10.36	97	2384	0.985	ug/l	97
56) Ethyl methacrylate	10.23	69	3175	0.839	ug/l #	81
57) 1,3-Dichloropropane	10.51	76	3967	0.925	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.49	63	8210	4.569	ug/l	100
59) 2-Hexanone	10.55	43	10986	4.195	ug/l	96
60) Dibromochloromethane	10.70	129	2255	0.903	ug/l	98
61) 1,2-Dibromoethane	10.80	107	2255	0.909	ug/l	95
64) Tetrachloroethene	10.43	164	3621	1.405	ug/l	93
65) Chlorobenzene	11.24	112	6436	0.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	2118	0.896	ug/l #	58
67) Ethyl Benzene	11.32	91	11924	0.963	ug/l	100
68) m/p-Xylenes	11.43	106	8550	1.900	ug/l	96
69) o-Xylene	11.75	106	4426	1.023	ug/l	91
70) Styrene	11.77	104	6331	0.909	ug/l	97
71) Bromoform	11.93	173	1379	0.782	ug/l #	90
73) Isopropylbenzene	12.06	105	11106	0.966	ug/l	98
74) N-amyl acetate	11.89	43	4834	0.911	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.32	83	2932	0.854	ug/l	92
76) 1,2,3-Trichloropropane	12.36	75	4481	1.392	ug/l #	100
77) Bromobenzene	12.33	156	2649	0.979	ug/l	95
78) n-propylbenzene	12.40	91	12755	0.952	ug/l	100
79) 2-Chlorotoluene	12.48	91	7478	0.951	ug/l	97
80) 1,3,5-Trimethylbenzene	12.55	105	9215	0.971	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.11	75	1255	0.974	ug/l #	81
82) 4-Chlorotoluene	12.58	91	8153	1.000	ug/l	95
83) tert-Butylbenzene	12.80	119	7671	0.957	ug/l	98
84) 1,2,4-Trimethylbenzene	12.85	105	9242	0.984	ug/l	98
85) sec-Butylbenzene	12.98	105	10496	0.970	ug/l	99
86) p-Isopropyltoluene	13.10	119	9296	0.962	ug/l	98
87) 1,3-Dichlorobenzene	13.09	146	4758	0.992	ug/l	97
88) 1,4-Dichlorobenzene	13.09	146	4758	0.983	ug/l	97
89) n-Butylbenzene	13.43	91	8552	0.956	ug/l	98
90) Hexachloroethane	13.68	117	308	0.222	ug/l	61
91) 1,2-Dichlorobenzene	13.46	146	4306	0.942	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.07	75	628	0.935	ug/l	86

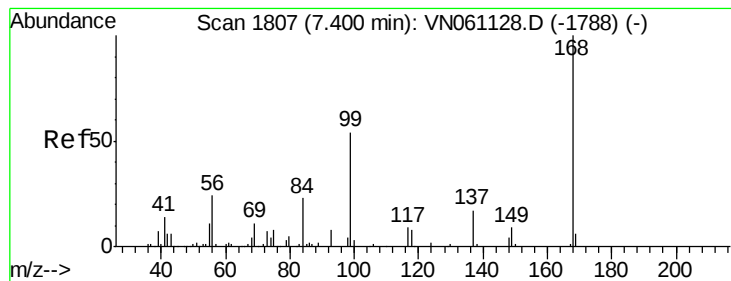
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
Data File : VN061125.D
Acq On : 22 Apr 2020 13:09
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Apr 22 14:54:23 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)
93) 1,2,4-Trichlorobenzene	14.71	180	3024	1.108	ug/l	97
94) Hexachlorobutadiene	14.82	225	1374	1.000	ug/l	92
95) Naphthalene	14.93	128	9012	1.117	ug/l	97
96) 1,2,3-Trichlorobenzene	15.10	180	2868	1.090	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

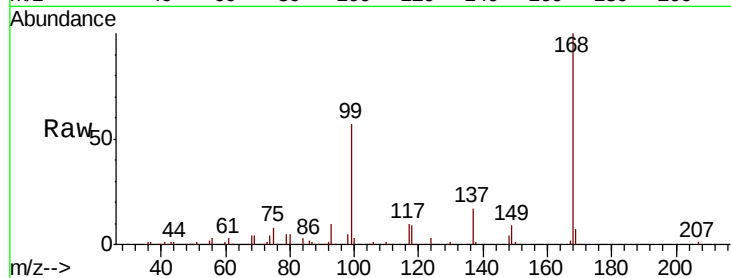
VSTDIC001

Tot Ion:168 Resp: 216184

Ion Ratio Lower Upper

168 100

99 56.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC

7.40

80000

60000

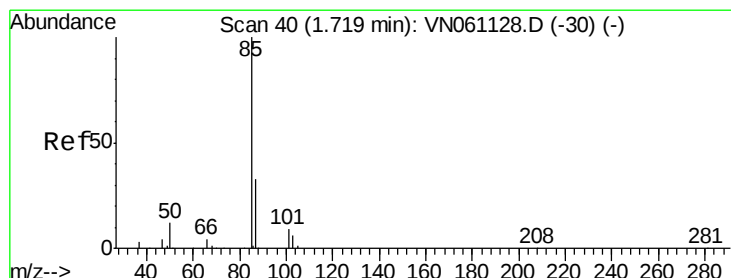
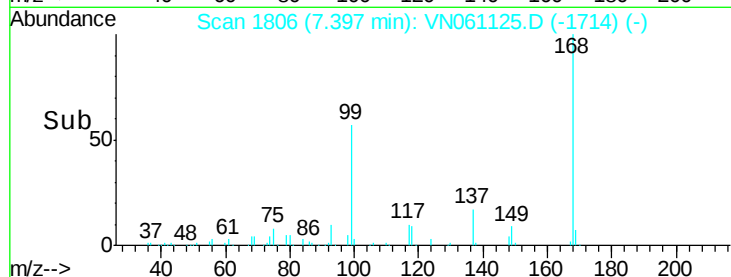
40000

20000

0

7.30 7.40 7.50

Time-->



#2

Dichlorodifluoromethane

Concen: 0.685 ug/l

RT: 1.72 min Scan# 40

Delta R.T. -0.00 min

Lab File: VN061125.D

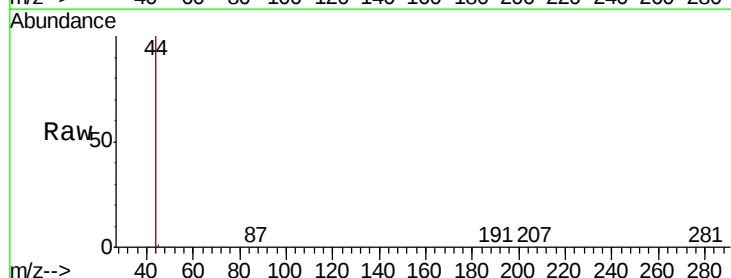
Acq: 22 Apr 2020 13:09

Tgt Ion: 85 Resp: 1676

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC

1.72

1500

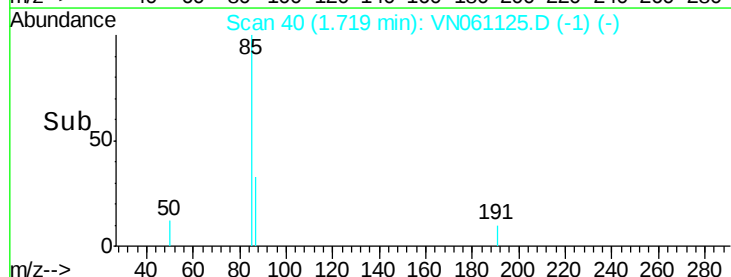
1000

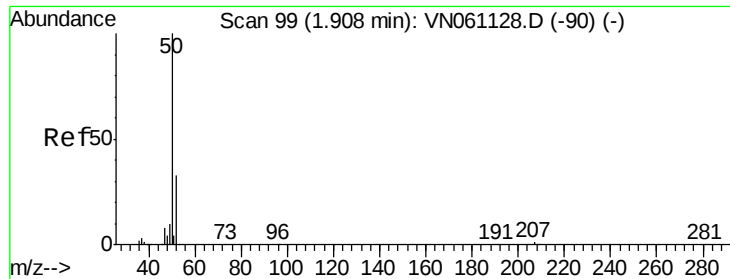
500

0

1.68 1.70 1.72 1.74

Time-->





#3

Chloromethane

Concen: 0.697 ug/l

RT: 1.91 min Scan# 99

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

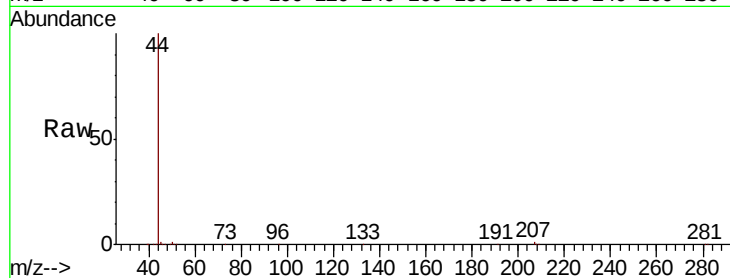
VSTDIC001

Tot Ion: 50 Resp: 2510

Ion Ratio Lower Upper

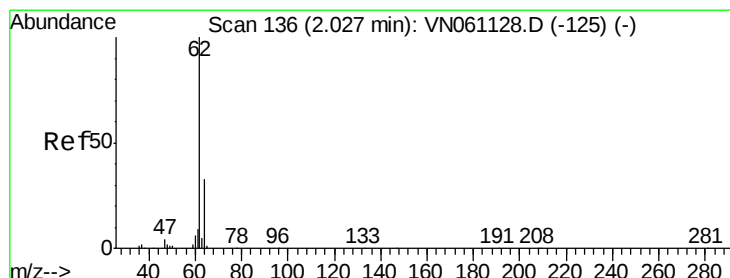
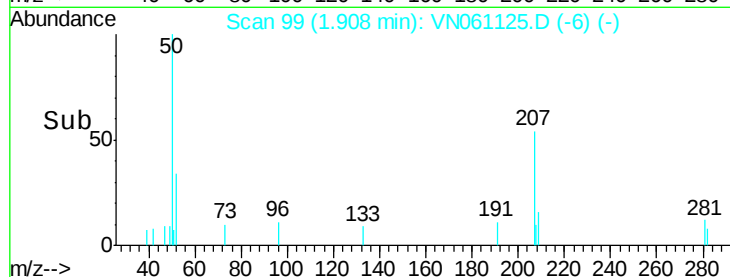
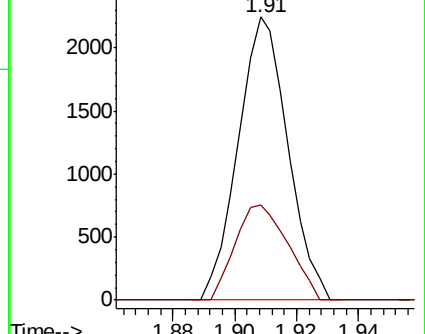
50 100

52 33.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN061125.D (-90) (-)

Ion 51.90 (51.60 to 52.60): VN061125.D (-90) (-)



#4

Vinyl Chloride

Concen: 0.895 ug/l

RT: 2.03 min Scan# 136

Delta R.T. -0.00 min

Lab File: VN061125.D

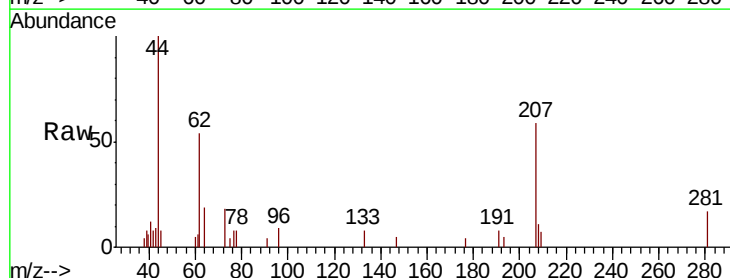
Acq: 22 Apr 2020 13:09

Tgt Ion: 62 Resp: 2827

Ion Ratio Lower Upper

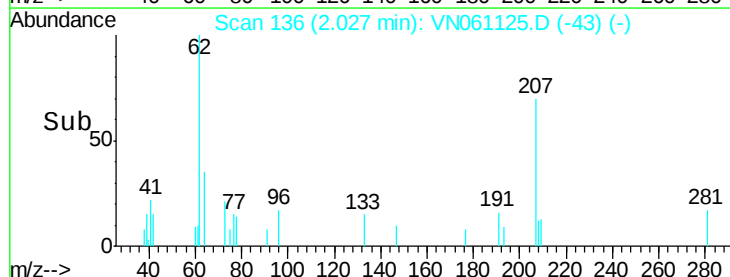
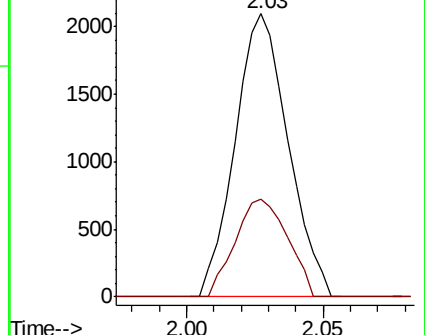
62 100

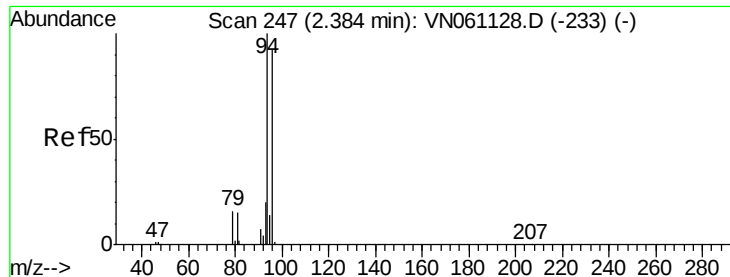
64 34.5 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VN061125.D (-125) (-)

Ion 63.90 (63.60 to 64.60): VN061125.D (-125) (-)





#5

Bromomethane

Concen: 0.895 ug/l

RT: 2.39 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

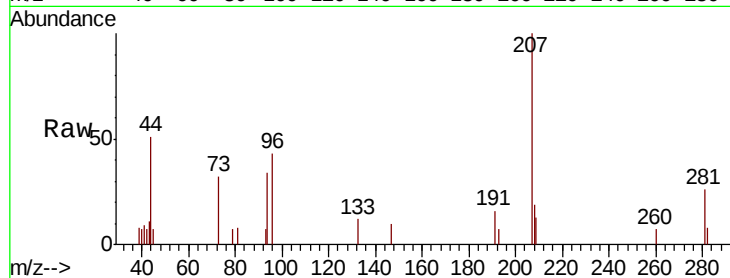
VSTDIC001

Tot Ion: 94 Resp: 1412

Ion Ratio Lower Upper

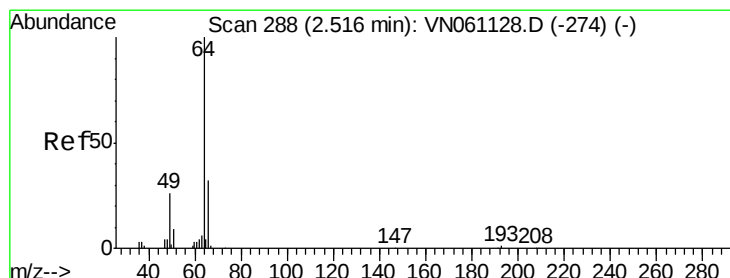
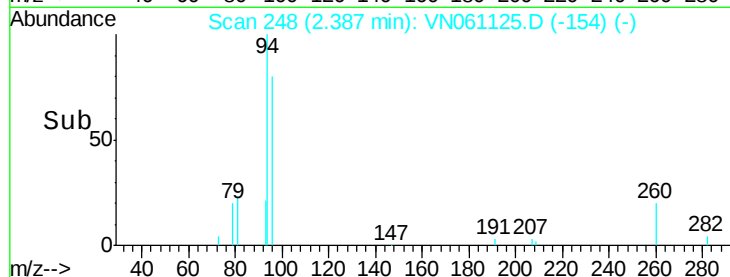
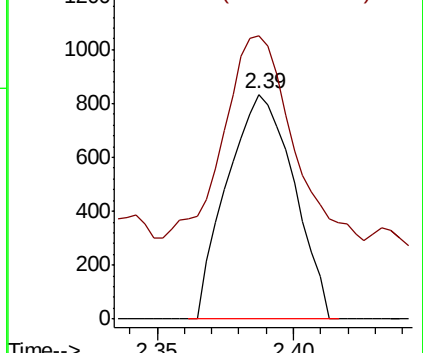
94 100

96 82.8 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: 0.873 ug/l

RT: 2.52 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN061125.D

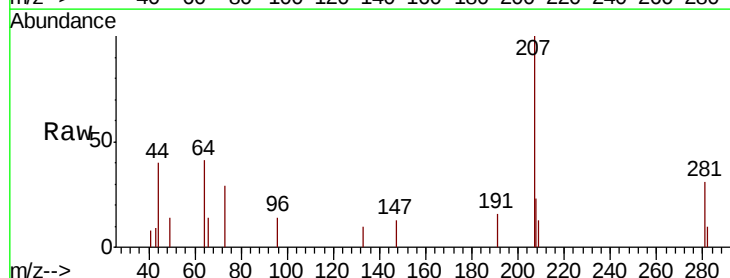
Acq: 22 Apr 2020 13:09

Tgt Ion: 64 Resp: 1561

Ion Ratio Lower Upper

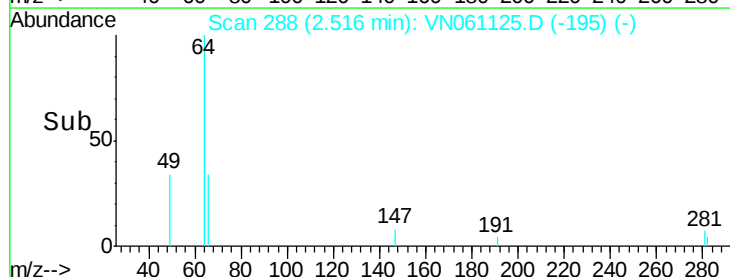
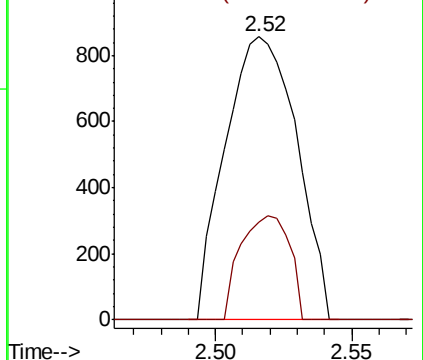
64 100

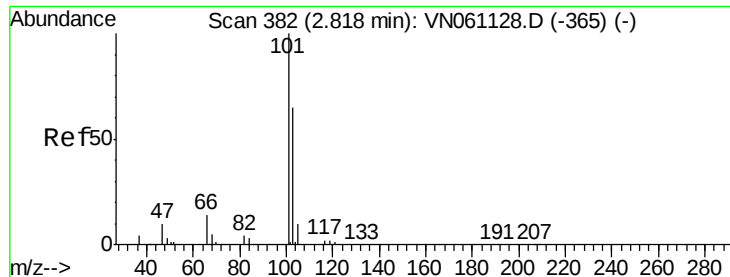
66 34.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



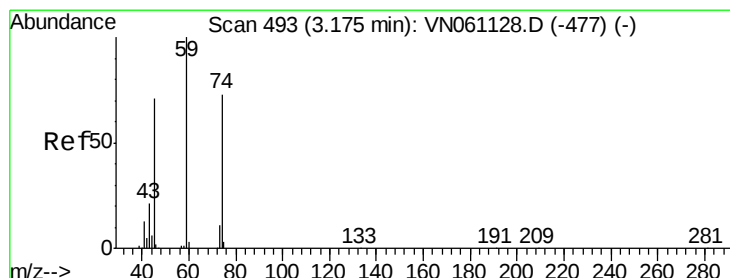
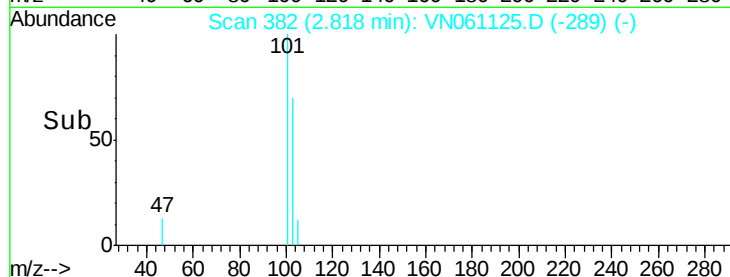
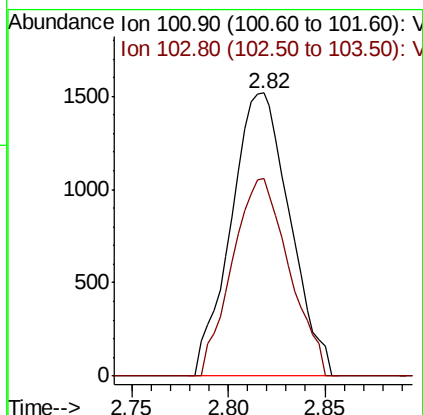
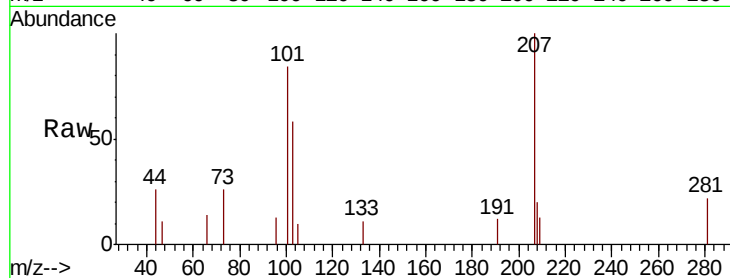


#7

Trichlorofluoromethane
 Concen: 0.839 ug/l
 RT: 2.82 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

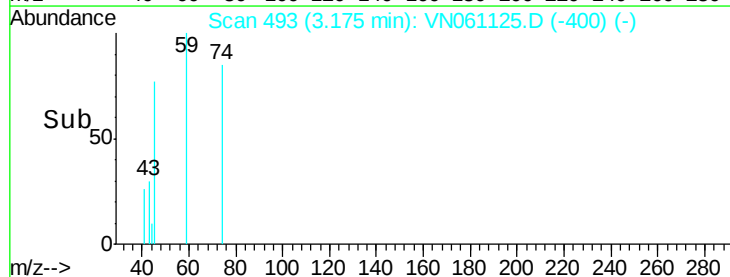
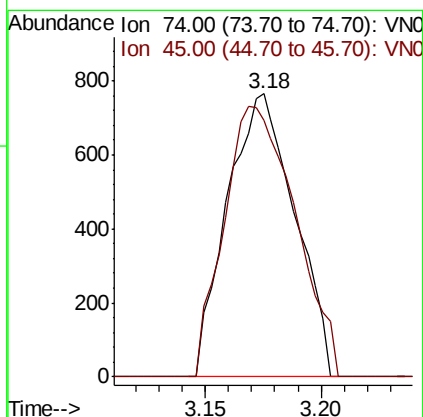
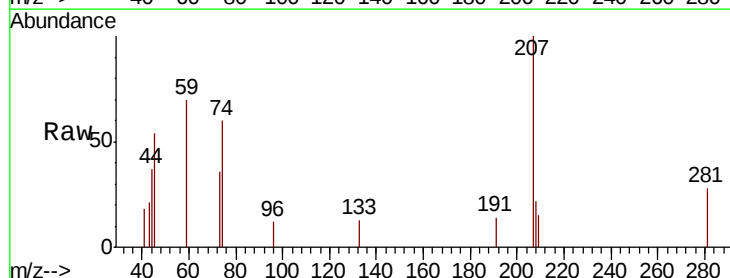
Tot Ion: 101 Resp: 3201
 Ion Ratio Lower Upper
 101 100
 103 69.8 52.1 78.1

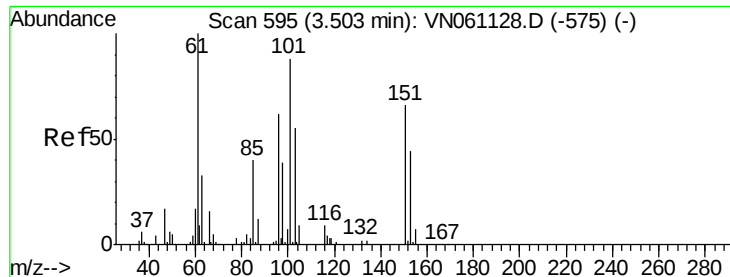


#8

Diethyl Ether
 Concen: 0.993 ug/l
 RT: 3.18 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion: 74 Resp: 1540
 Ion Ratio Lower Upper
 74 100
 45 101.2 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.834 ug/l

RT: 3.50 min Scan# 594

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

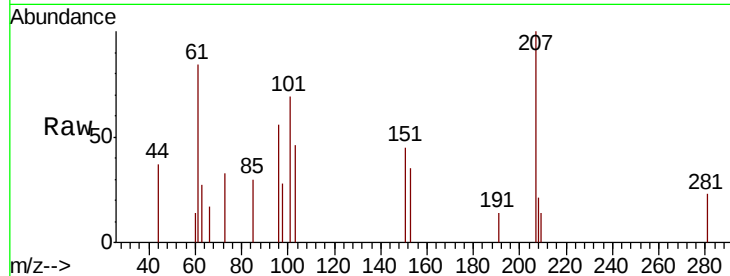
Tot Ion:101 Resp: 1927

Ion Ratio Lower Upper

101 100

85 23.0 36.2 54.4#

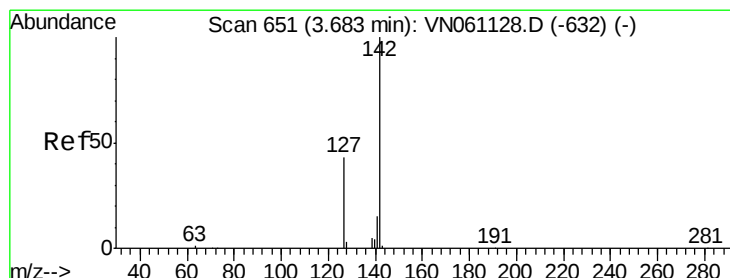
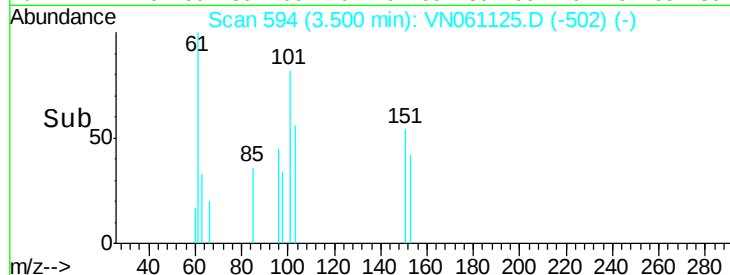
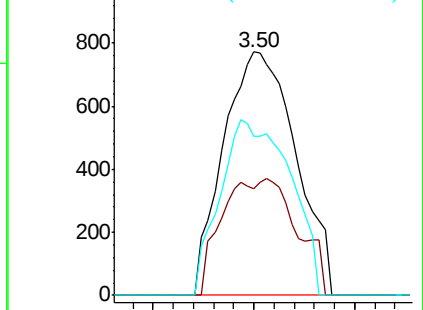
151 70.1 61.8 92.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.166 ug/l

RT: 3.68 min Scan# 651

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

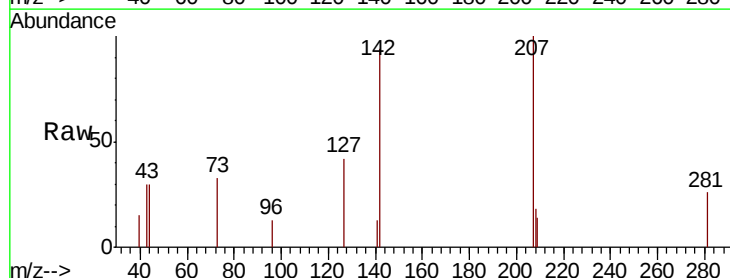
Tgt Ion:142 Resp: 2648

Ion Ratio Lower Upper

142 100

127 44.9 34.2 51.4

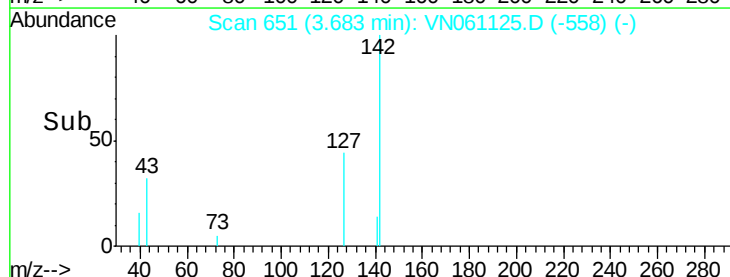
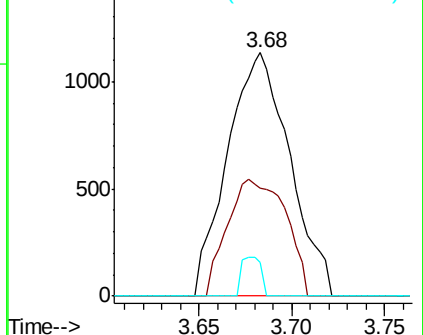
141 5.0 11.3 16.9#

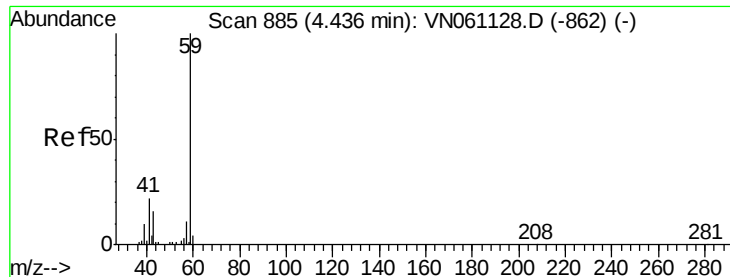


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



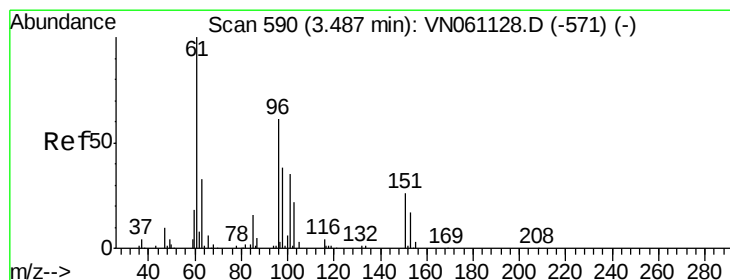
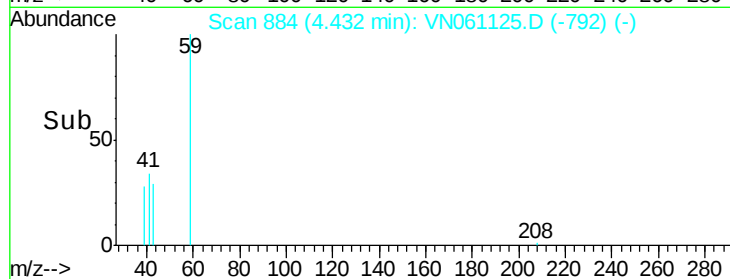
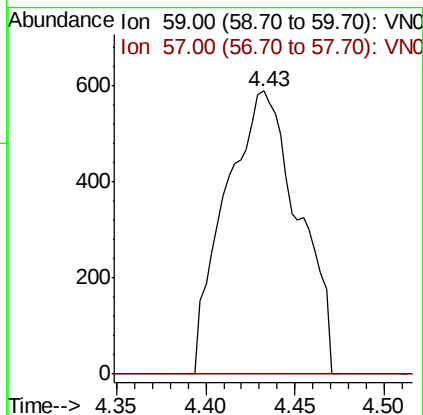
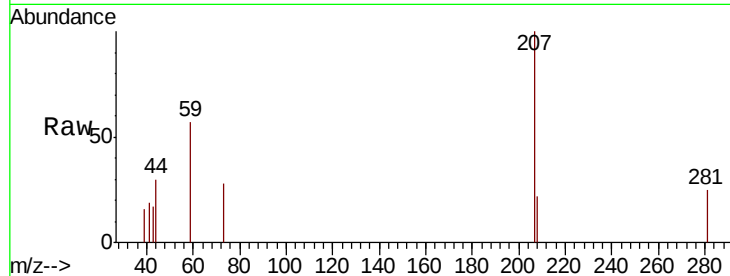


#11

Tert butyl alcohol
 Concen: 3.543 ug/l
 RT: 4.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

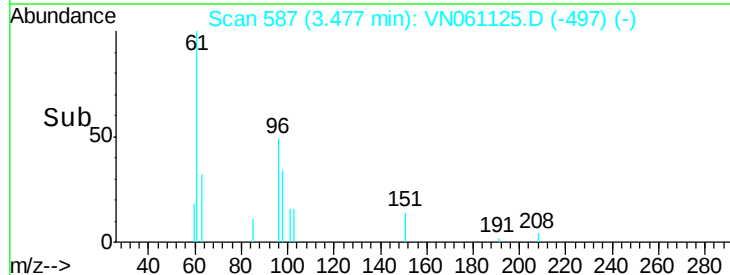
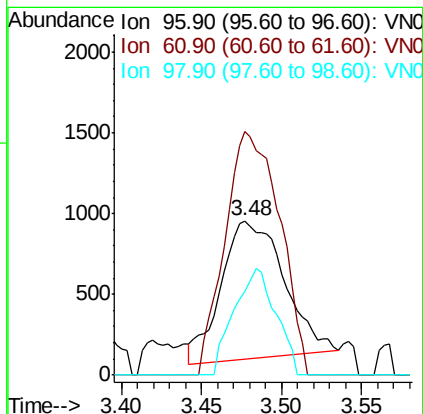
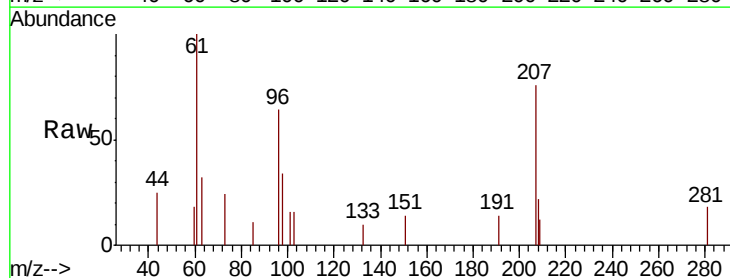
Tot Ion: 59 Resp: 1674
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

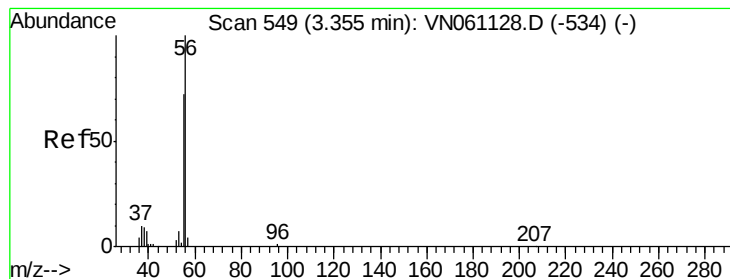


#12

1,1-Dichloroethene
 Concen: 0.991 ug/l
 RT: 3.48 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion: 96 Resp: 2308
 Ion Ratio Lower Upper
 96 100
 61 187.2 130.8 196.2
 98 64.1 49.4 74.2





#13

Acrolein

Concen: 2.480 ug/l

RT: 3.36 min Scan# 551

Delta R.T. 0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

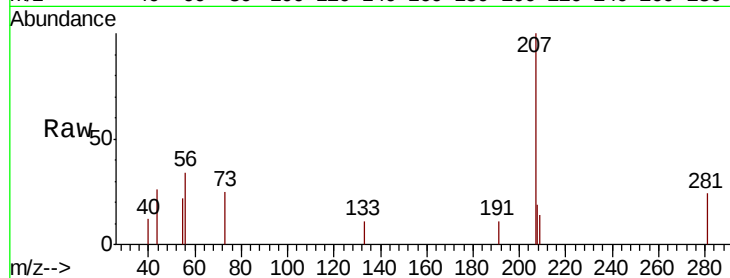
VSTDIC001

Tot Ion: 56 Resp: 975

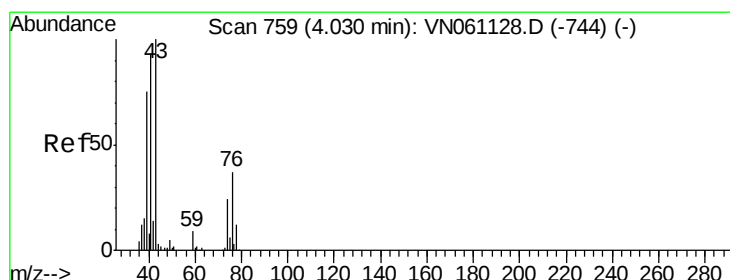
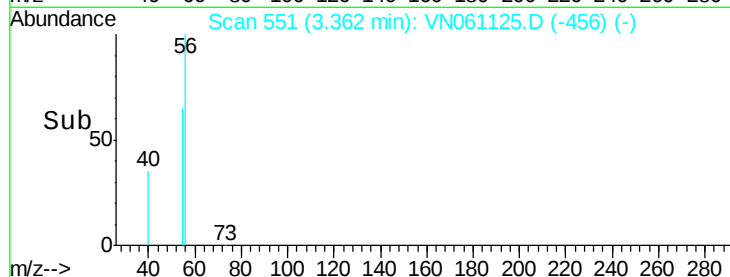
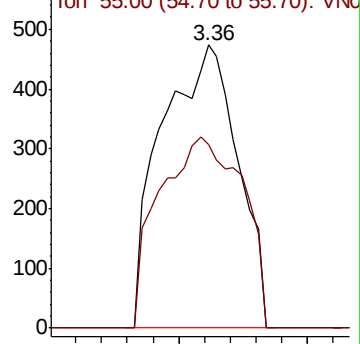
Ion Ratio Lower Upper

56 100

55 74.1 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN061125.D (-534) (-)



#14

Allyl chloride

Concen: 0.949 ug/l

RT: 4.02 min Scan# 757

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

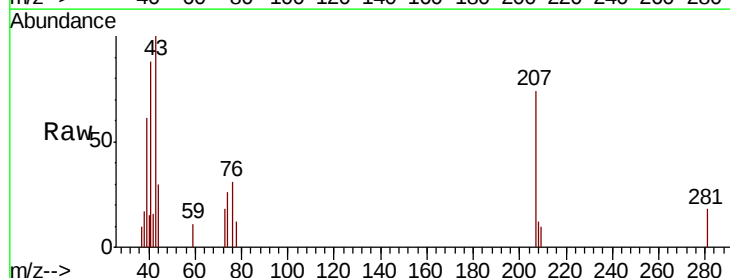
Tgt Ion: 41 Resp: 4030

Ion Ratio Lower Upper

41 100

39 80.1 61.0 91.4

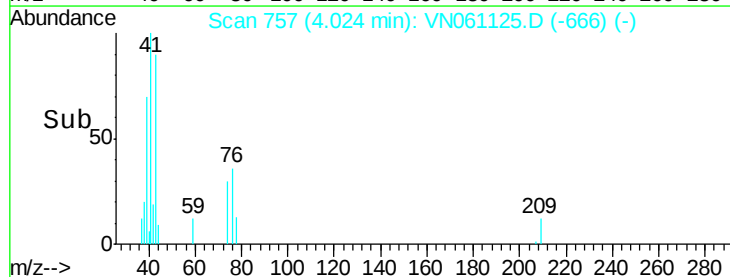
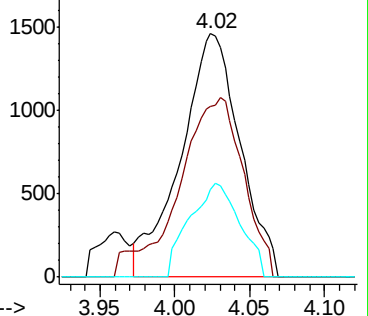
76 32.6 28.9 43.3

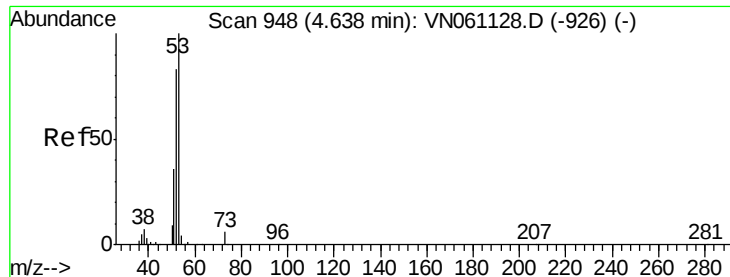


Abundance Ion 41.00 (40.70 to 41.70): VN061125.D (-666) (-)

Ion 39.00 (38.70 to 39.70): VN061125.D (-666) (-)

Ion 75.90 (75.60 to 76.60): VN061125.D (-666) (-)





#15

Acrylonitrile

Concen: 3.687 ug/l

RT: 4.64 min Scan# 948

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

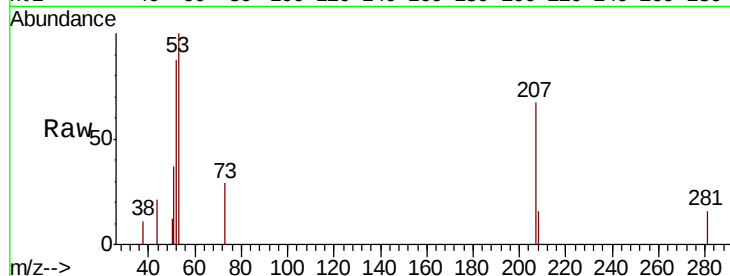
Tot Ion: 53 Resp: 4802

Ion Ratio Lower Upper

53 100

52 87.6 66.1 99.1

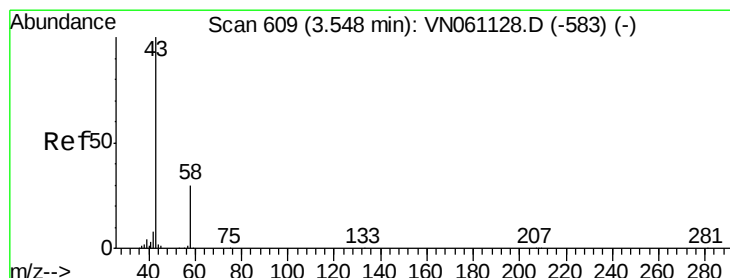
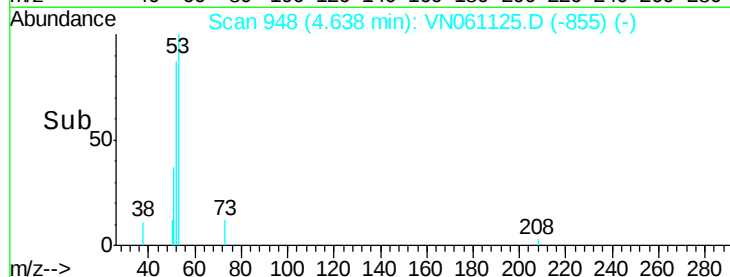
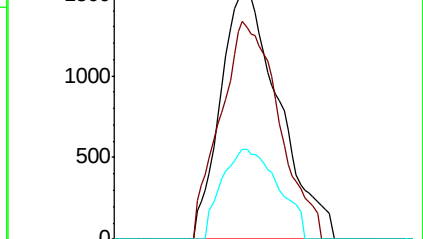
51 34.8 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VN061125.D (-855) (-)

Ion 52.00 (51.70 to 52.70): VN061125.D (-855) (-)

Ion 51.00 (50.70 to 51.70): VN061125.D (-855) (-)



#16

Acetone

Concen: 12.437 ug/l

RT: 3.55 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN061125.D

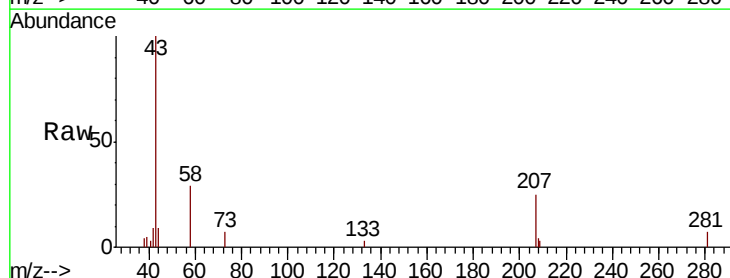
Acq: 22 Apr 2020 13:09

Tgt Ion: 43 Resp: 14617

Ion Ratio Lower Upper

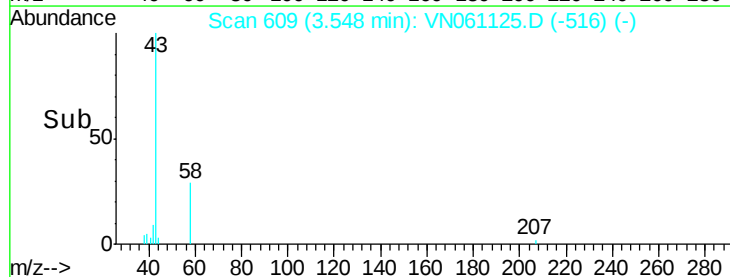
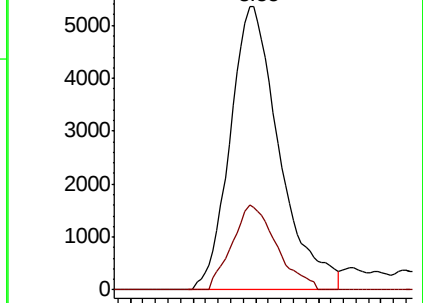
43 100

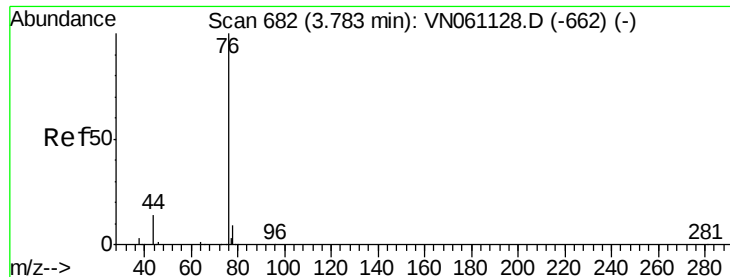
58 29.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN061125.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VN061125.D (-516) (-)

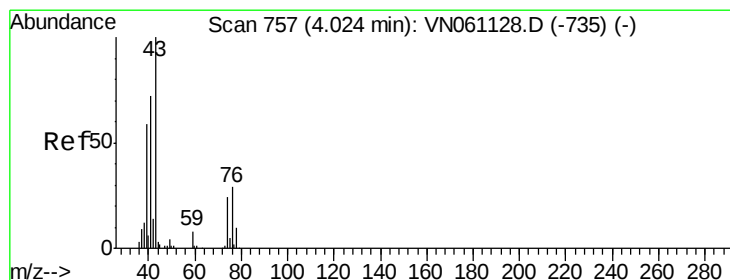
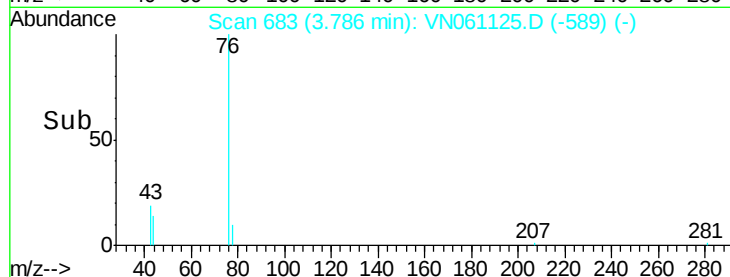
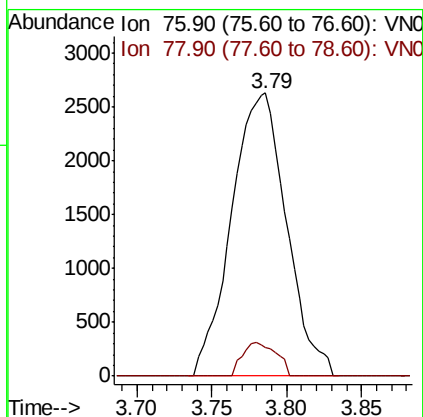
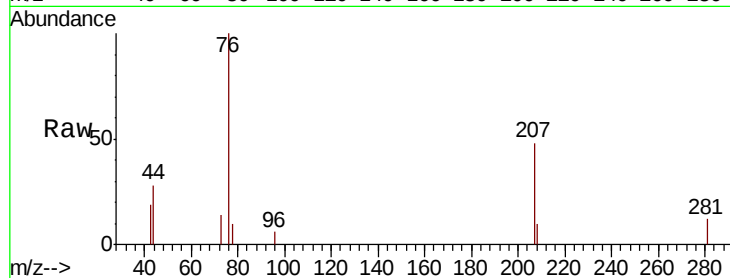




#17
Carbon Disulfide
Concen: 0.923 ug/l
RT: 3.79 min Scan# 683
Delta R.T. 0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

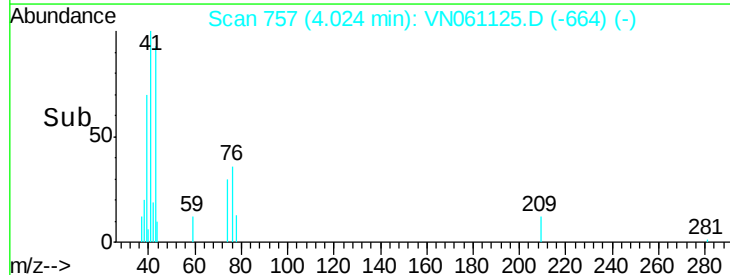
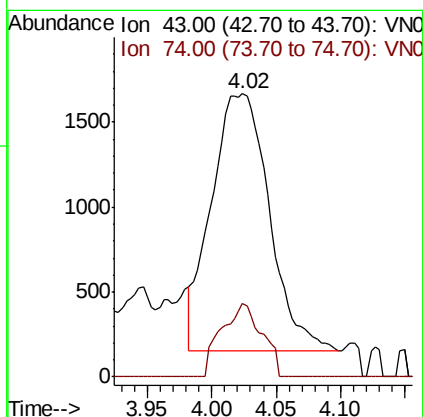
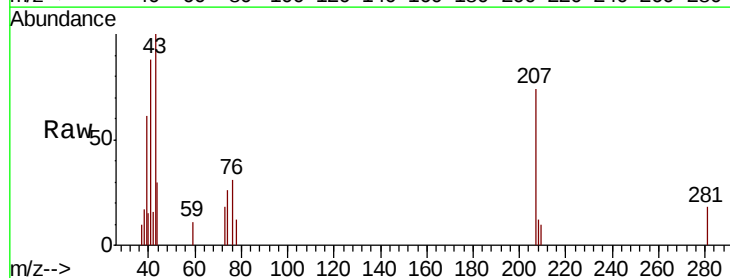
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

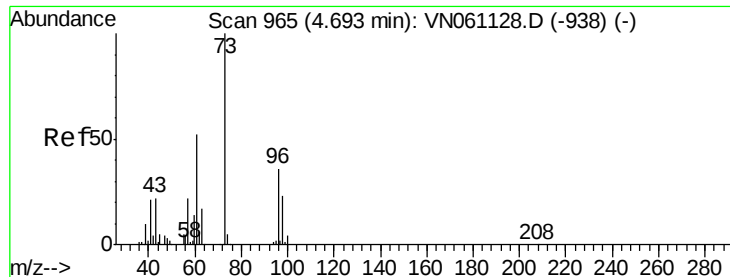
Tot Ion: 76 Resp: 6720
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#18
Methyl Acetate
Concen: 1.270 ug/l
RT: 4.02 min Scan# 757
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 43 Resp: 4739
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.0

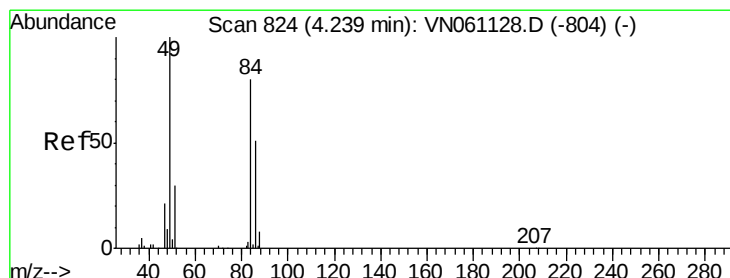
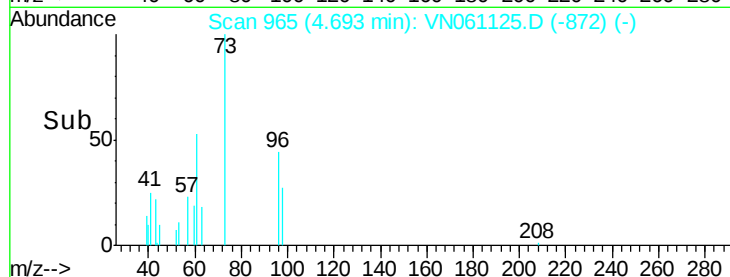
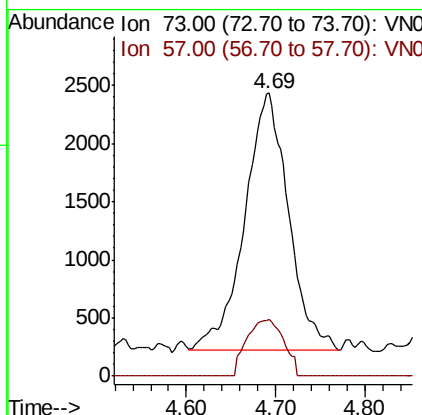
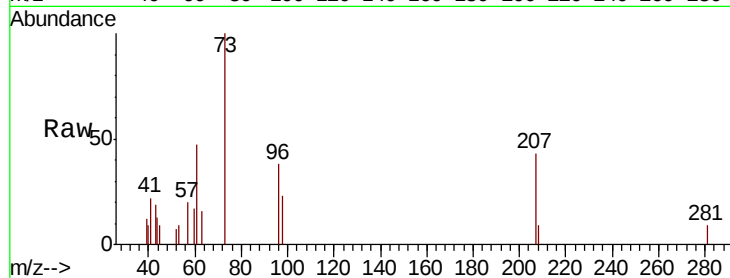




#19
Methyl tert-butyl Ether
Concen: 0.934 ug/l
RT: 4.69 min Scan# 965
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

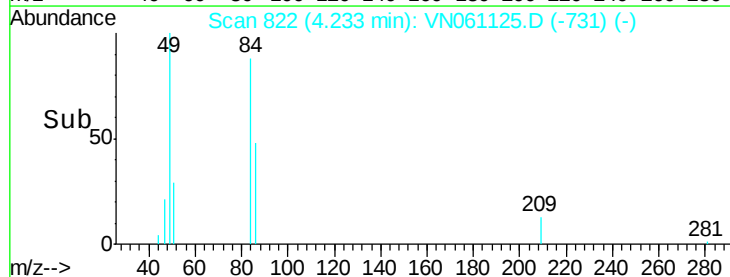
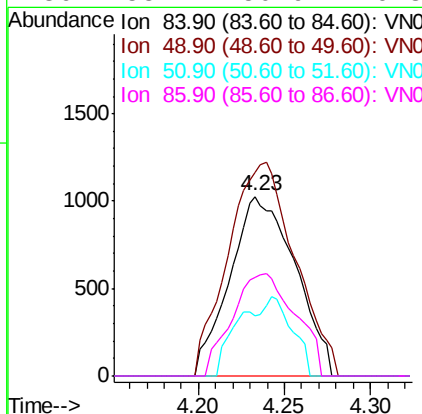
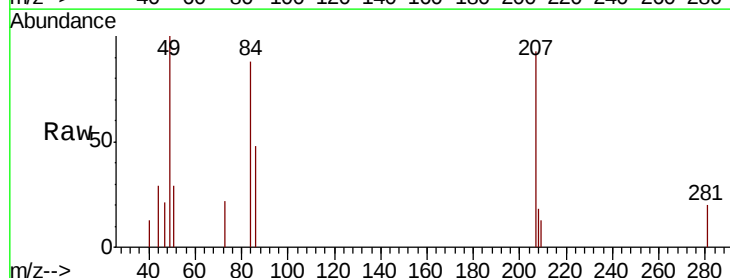
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

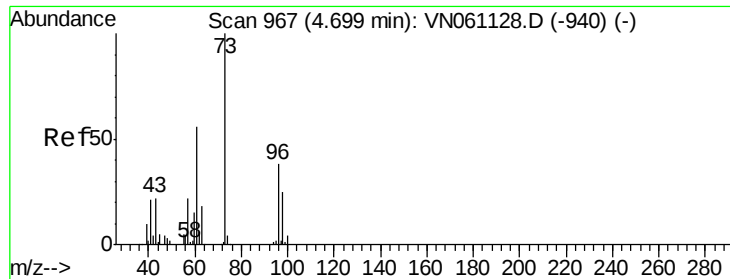
Tot Ion: 73 Resp: 7622
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 4.23 min Scan# 822
Delta R.T. -0.01 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 84 Resp: 2727
Ion Ratio Lower Upper
84 100
49 113.6 99.8 149.6
51 33.2 29.9 44.9
86 55.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 1.283 ug/l

RT: 4.69 min Scan# 964

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

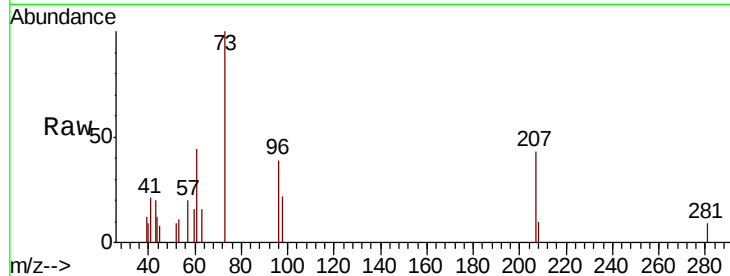
Tot Ion: 96 Resp: 3233

Ion Ratio Lower Upper

96 100

61 113.9 116.4 174.6#

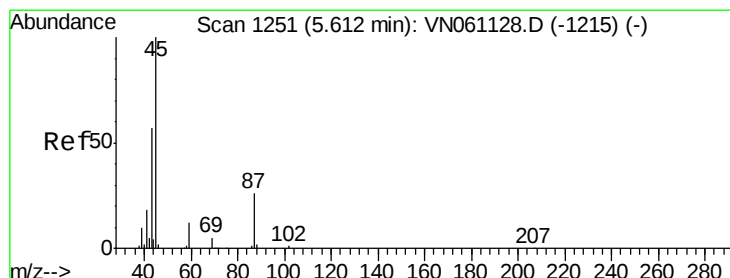
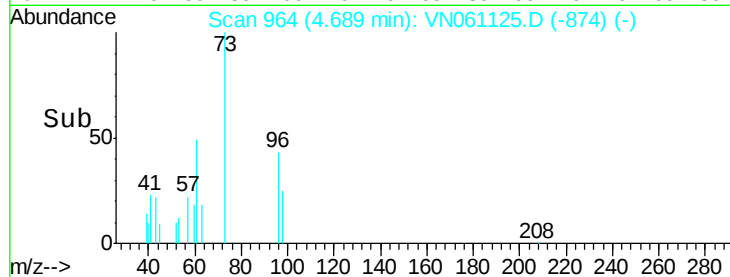
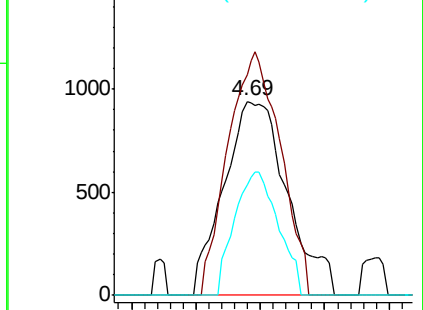
98 56.9 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN061125.D (-940) (-)

Ion 60.90 (60.60 to 61.60): VN061125.D (-940) (-)

Ion 97.90 (97.60 to 98.60): VN061125.D (-940) (-)



#22

Diisopropyl ether

Concen: 0.829 ug/l

RT: 5.61 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion: 45 Resp: 7531

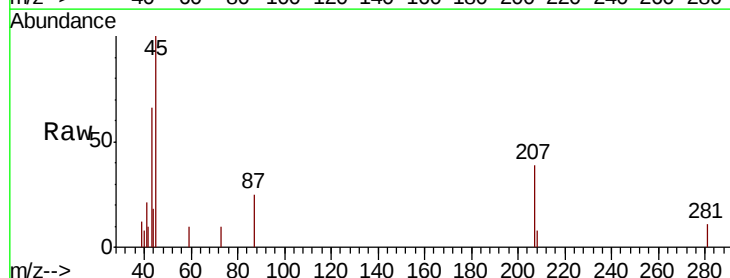
Ion Ratio Lower Upper

45 100

43 57.5 48.4 72.6

87 25.3 21.4 32.0

59 10.3 9.4 14.2

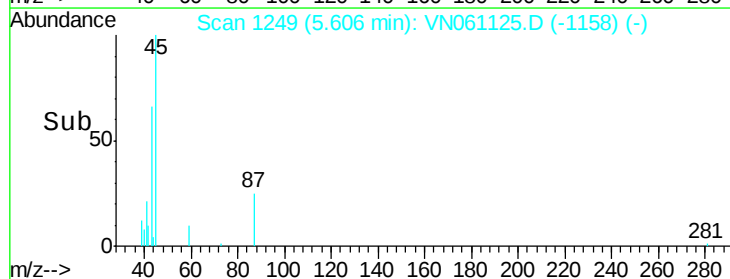
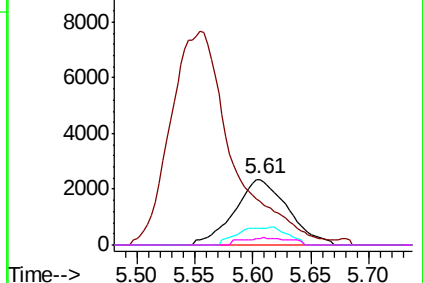


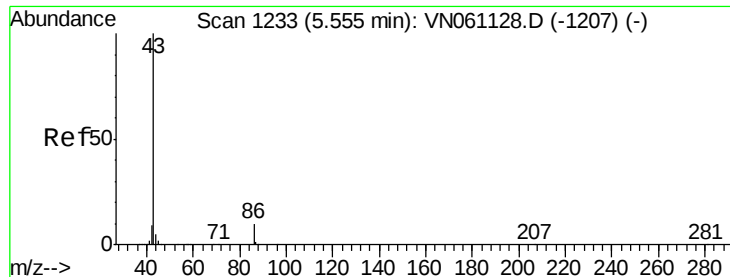
Abundance Ion 45.00 (44.70 to 45.70): VN061125.D (-1215) (-)

Ion 43.00 (42.70 to 43.70): VN061125.D (-1215) (-)

Ion 87.00 (86.70 to 87.70): VN061125.D (-1215) (-)

Ion 59.00 (58.70 to 59.70): VN061125.D (-1215) (-)

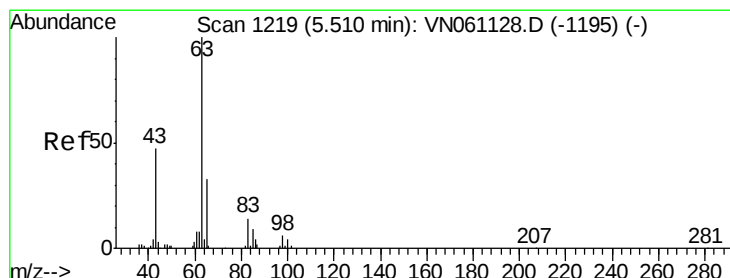
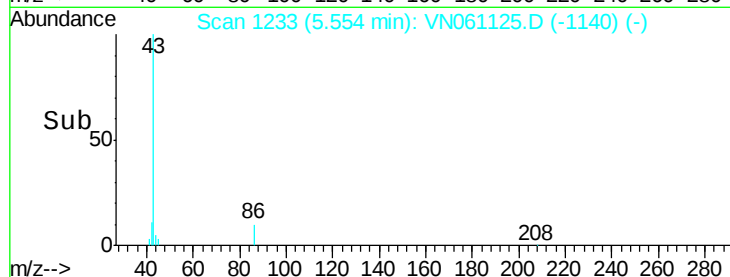
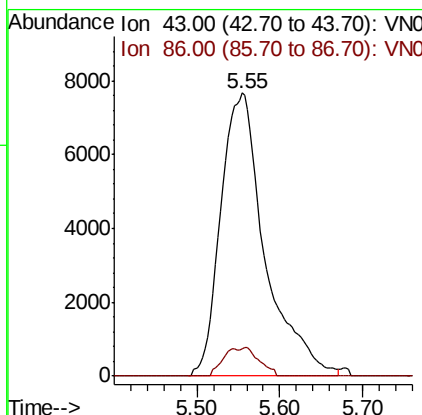
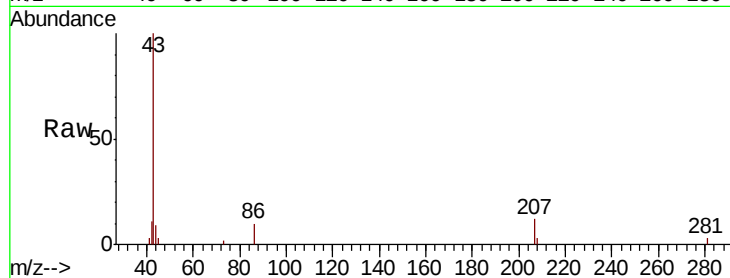




#23
 Vinyl Acetate
 Concen: 3.974 ug/l
 RT: 5.55 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

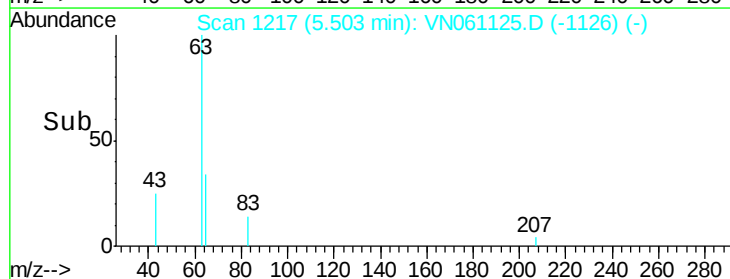
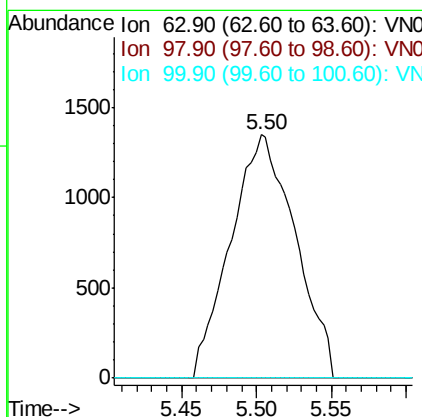
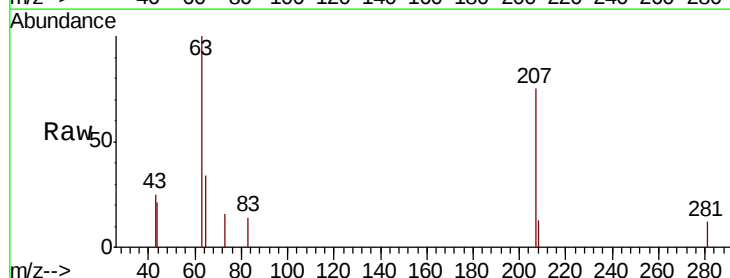
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

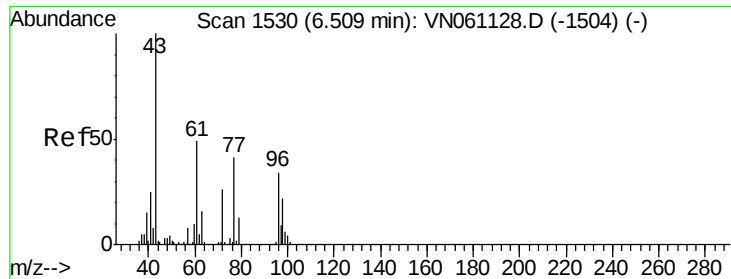
Tot Ion: 43 Resp: 28468
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.822 ug/l
 RT: 5.50 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion: 63 Resp: 4056
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.0 6.0#

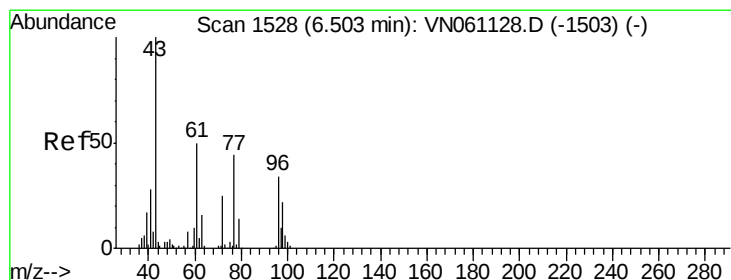
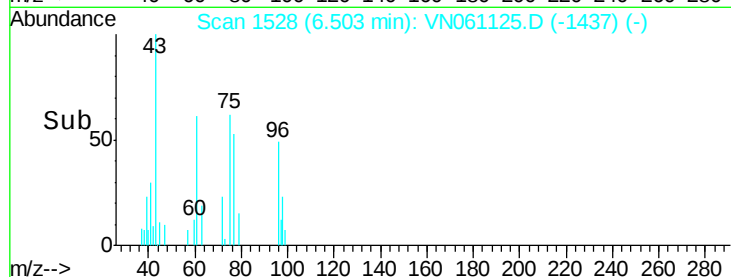
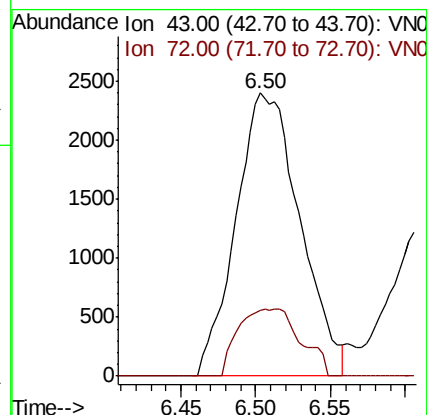
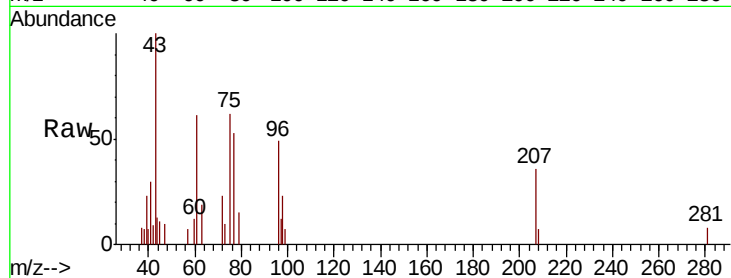




#25
2-Butanone
Concen: 3.917 ug/l
RT: 6.50 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

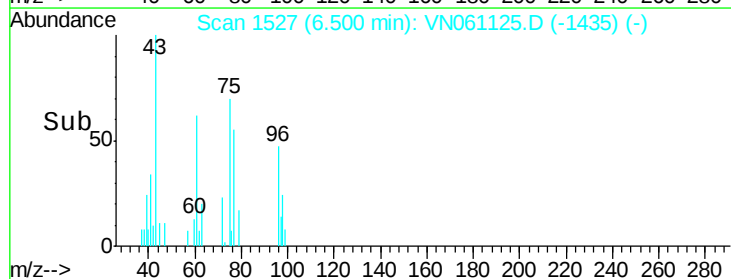
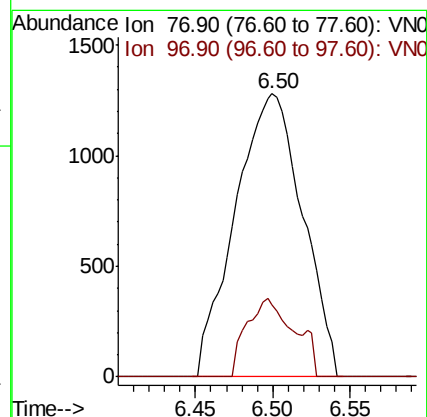
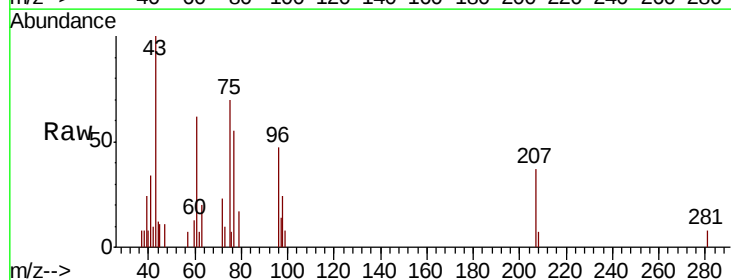
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

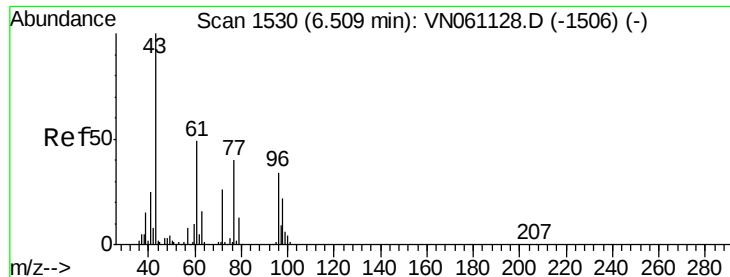
Tot Ion: 43 Resp: 7129
Ion Ratio Lower Upper
43 100
72 23.4 20.8 31.2



#26
2,2-Dichloropropane
Concen: 0.934 ug/l
RT: 6.50 min Scan# 1527
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 77 Resp: 3868
Ion Ratio Lower Upper
77 100
97 19.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.128 ug/l

RT: 6.50 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

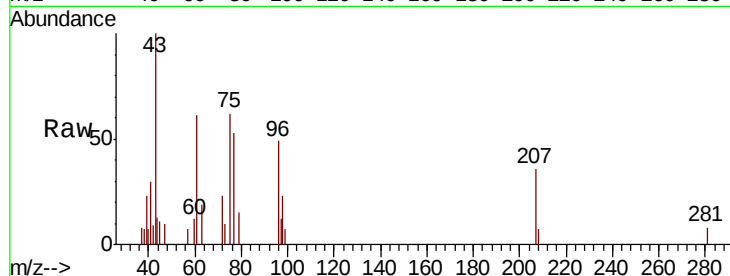
Tot Ion: 96 Resp: 3256

Ion Ratio Lower Upper

96 100

61 128.4 0.0 300.4

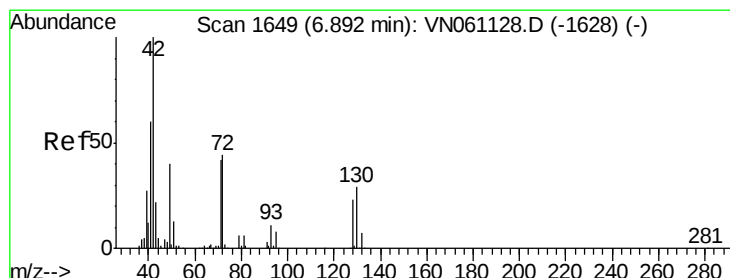
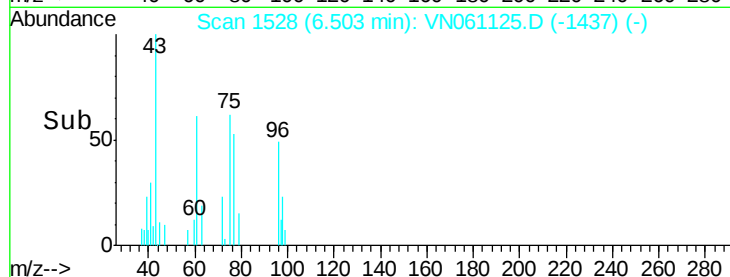
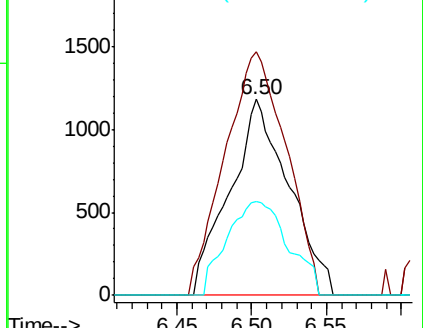
98 49.4 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061125.D (-1437) (-)

Ion 60.90 (60.60 to 61.60): VN061125.D (-1437) (-)

Ion 97.90 (97.60 to 98.60): VN061125.D (-1437) (-)



#28

Bromochloromethane

Concen: 0.707 ug/l

RT: 6.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

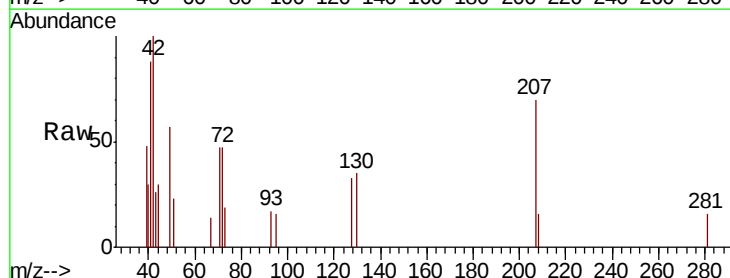
Tgt Ion: 49 Resp: 1576

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

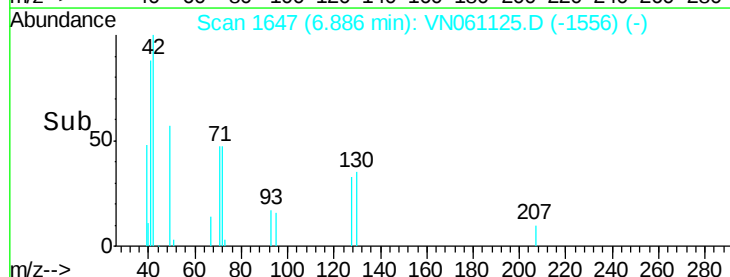
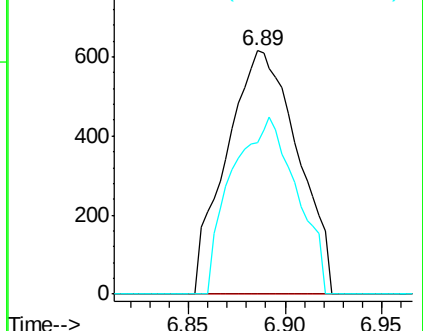
130 66.1 59.7 89.5

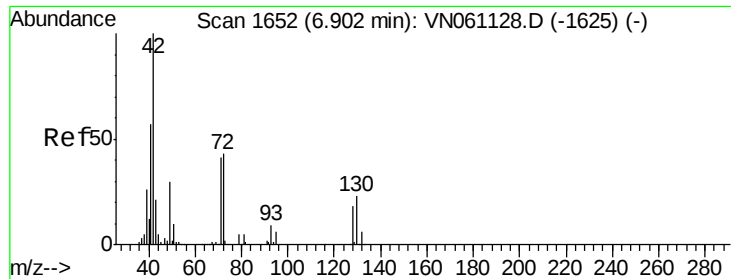


Abundance Ion 48.90 (48.60 to 49.60): VN061125.D (-1556) (-)

Ion 128.80 (128.50 to 129.50): VN061125.D (-1556) (-)

Ion 129.80 (129.50 to 130.50): VN061125.D (-1556) (-)

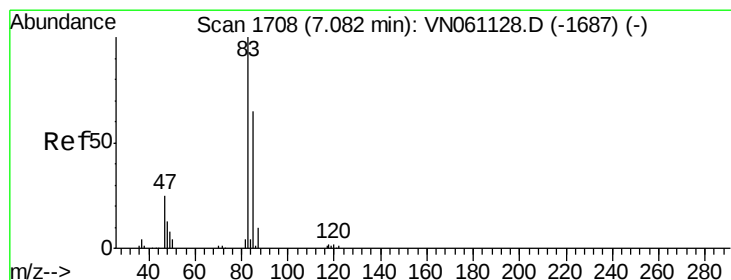
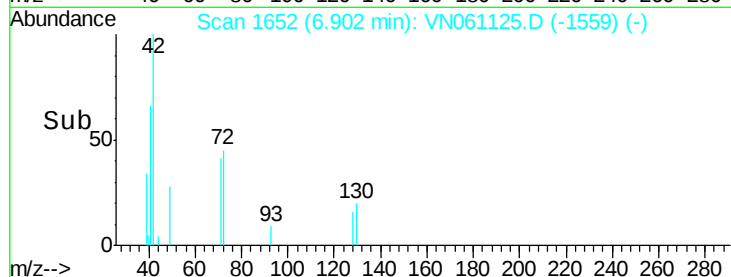
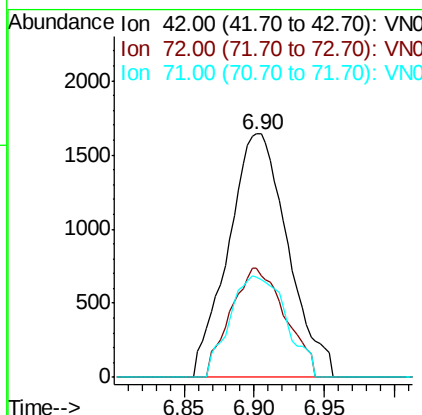
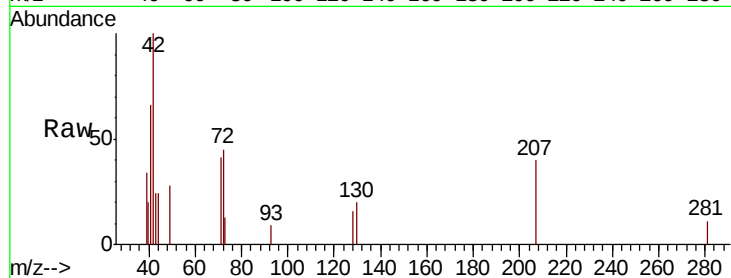




#29
Tetrahydrofuran
Concen: 3.905 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

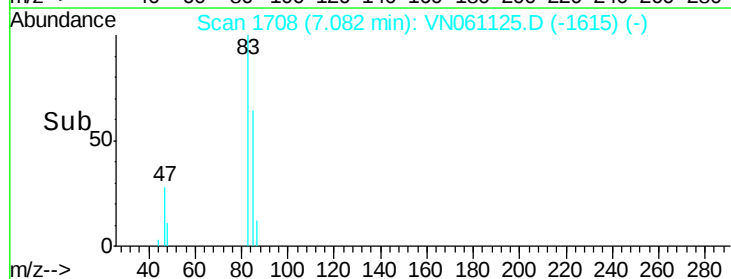
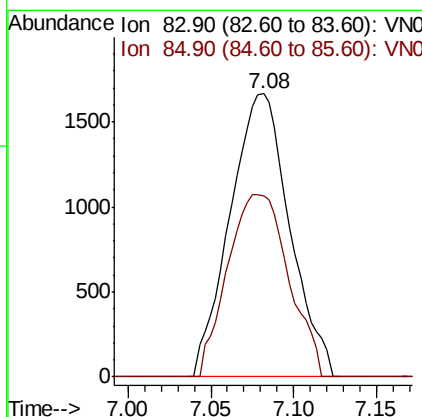
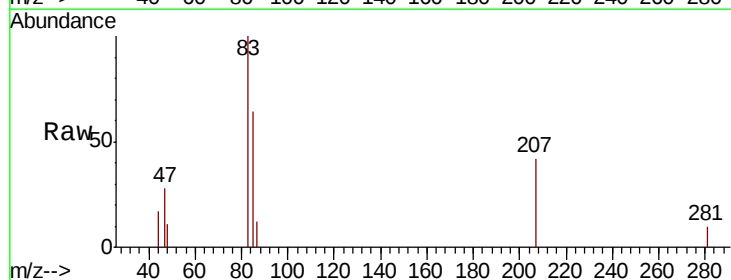
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

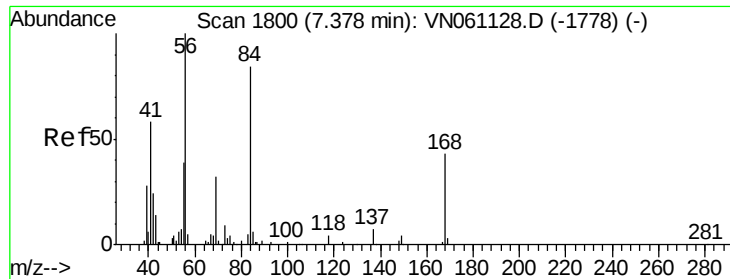
Tot Ion: 42 Resp: 4839
Ion Ratio Lower Upper
42 100
72 41.2 35.1 52.7
71 39.6 33.0 49.6



#30
Chloroform
Concen: 0.896 ug/l
RT: 7.08 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 83 Resp: 4176
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4

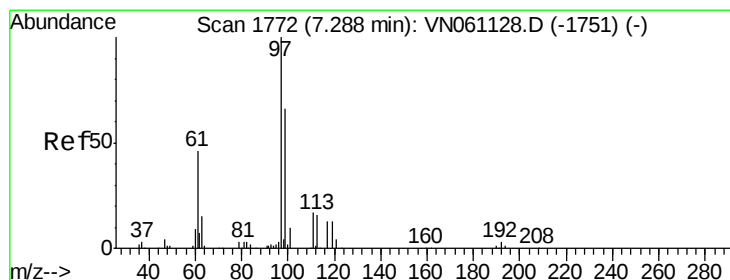
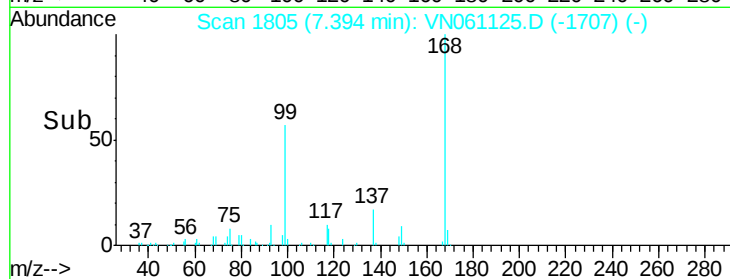
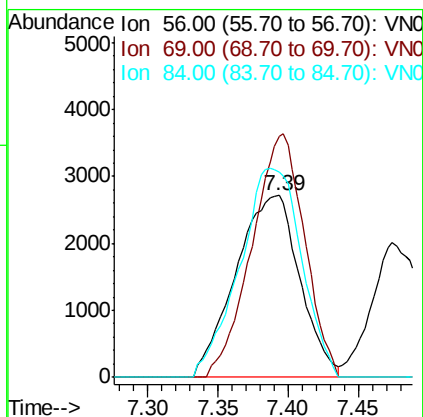
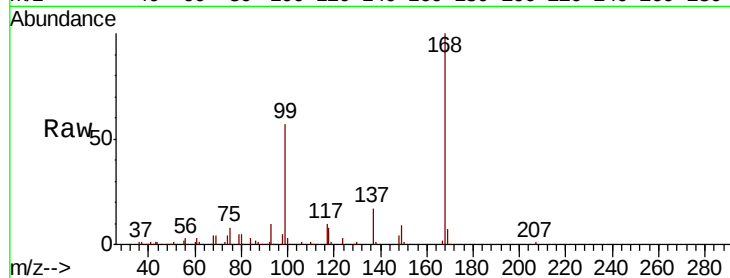




#31
Cyclohexane
Concen: 1.711 ug/l
RT: 7.39 min Scan# 1805
Delta R.T. 0.02 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

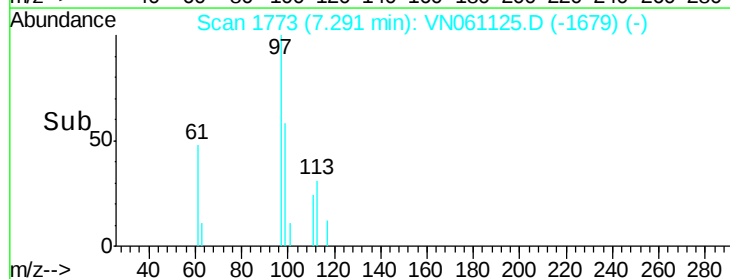
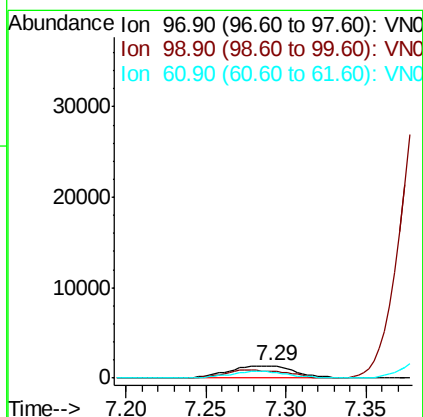
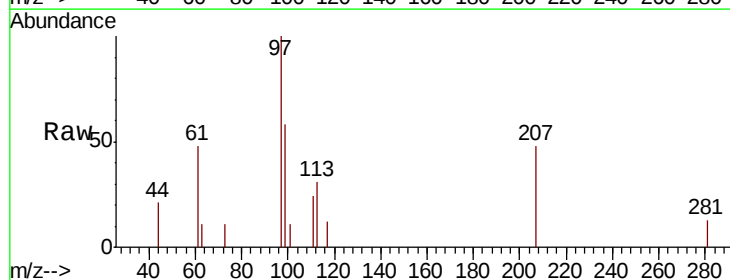
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

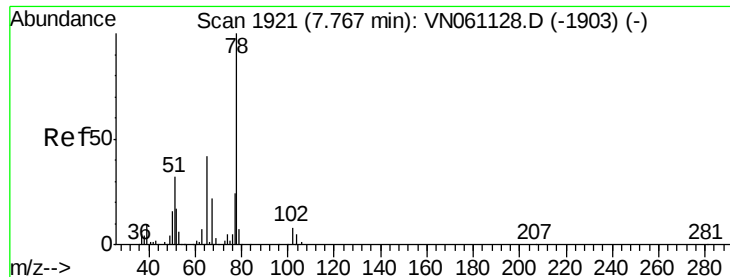
Tot Ion: 56 Resp: 8606
Ion Ratio Lower Upper
56 100
69 133.1 25.9 38.9#
84 113.1 67.4 101.0#



#32
1,1,1-Trichloroethane
Concen: 0.959 ug/l
RT: 7.29 min Scan# 1773
Delta R.T. 0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 97 Resp: 3877
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 46.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 0.890 ug/l

RT: 7.76 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

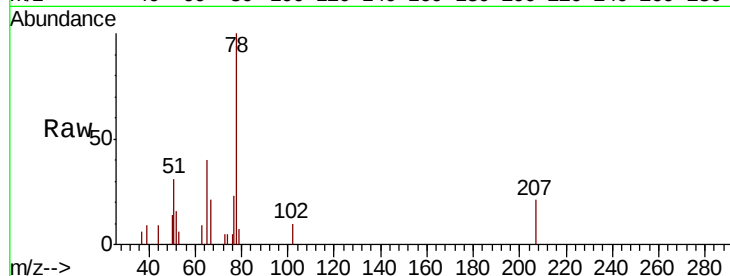
VSTDIC001

Tot Ion: 65 Resp: 2494

Ion Ratio Lower Upper

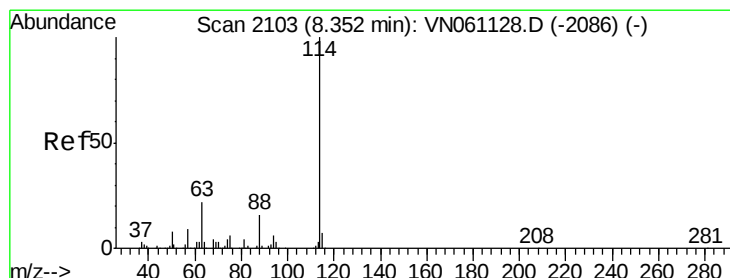
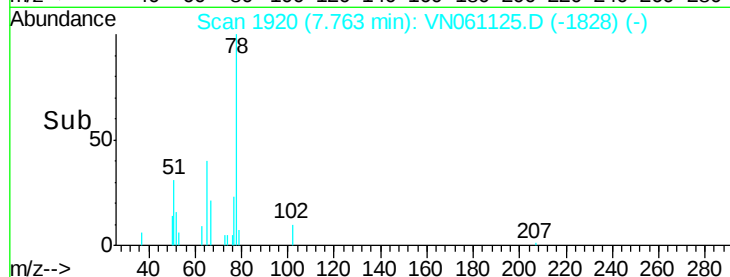
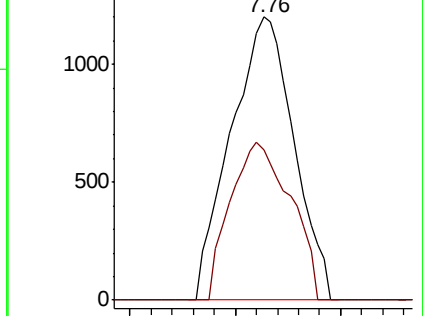
65 100

67 53.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN061125.D (-1828) (-)

Ion 66.90 (66.60 to 67.60): VN061125.D (-1828) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

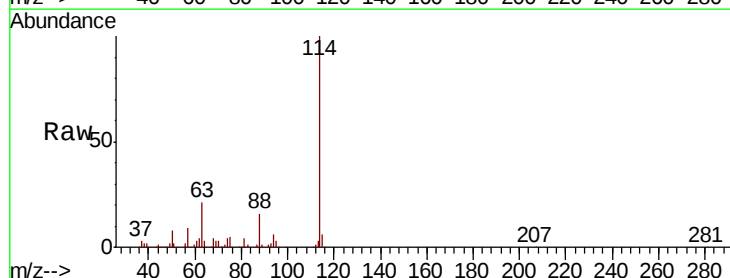
Tgt Ion: 114 Resp: 348340

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

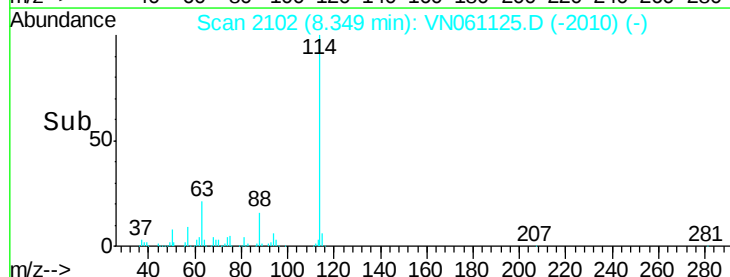
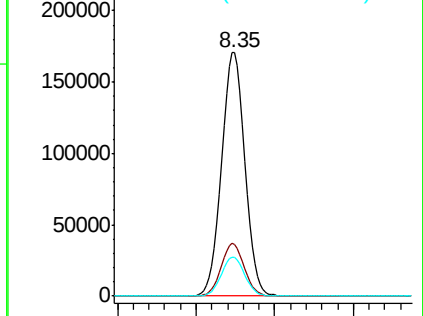
88 15.7 0.0 32.4

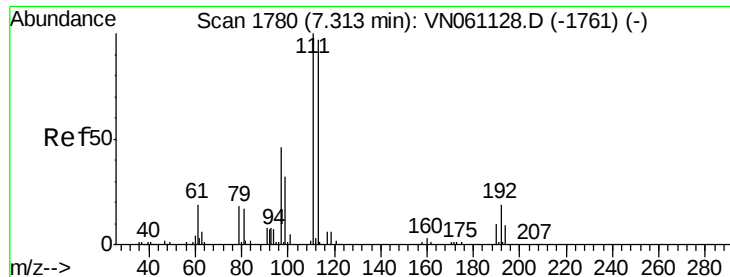


Abundance Ion 113.90 (113.60 to 114.60): VN061125.D (-2010) (-)

Ion 63.00 (62.70 to 63.70): VN061125.D (-2010) (-)

Ion 87.90 (87.60 to 88.60): VN061125.D (-2010) (-)





#35

Dibromofluoromethane

Concen: 0.864 ug/l

RT: 7.32 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

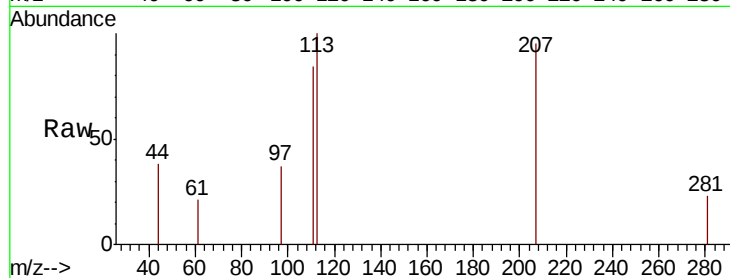
Tot Ion:113 Resp: 1758

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

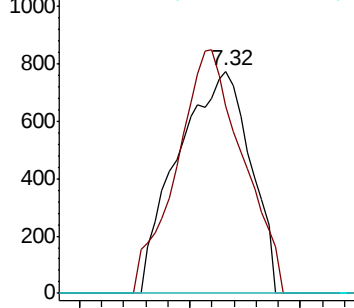
192 0.0 15.8 23.6#



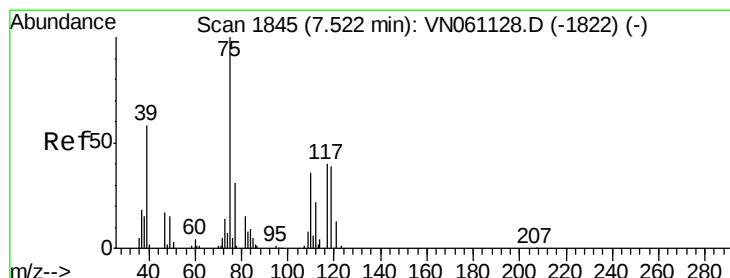
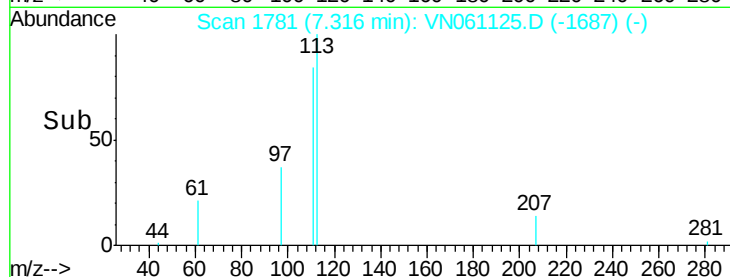
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 0.941 ug/l

RT: 7.52 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

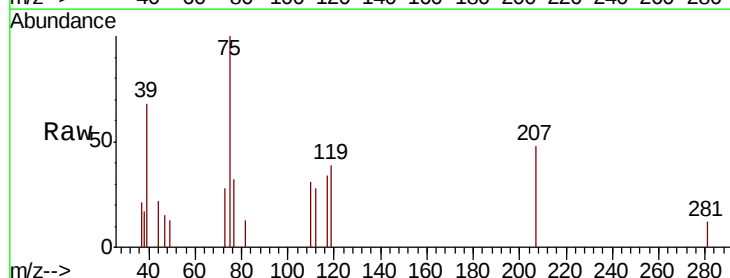
Tgt Ion: 75 Resp: 3358

Ion Ratio Lower Upper

75 100

110 29.9 17.7 53.1

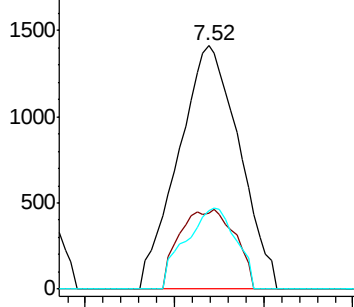
77 27.7 24.8 37.2



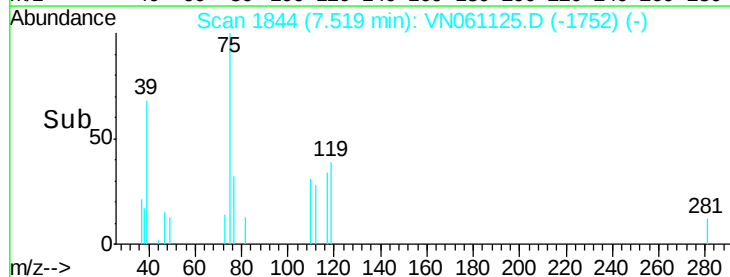
Abundance Ion 74.90 (74.60 to 75.60): V

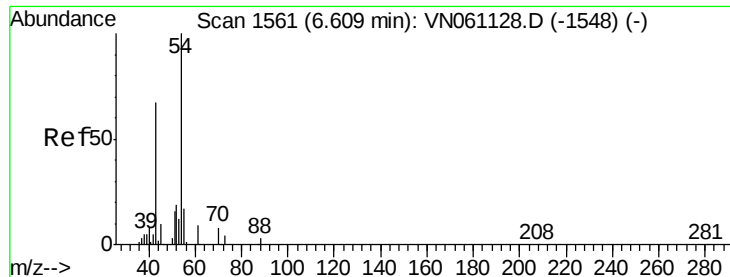
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



Time-->

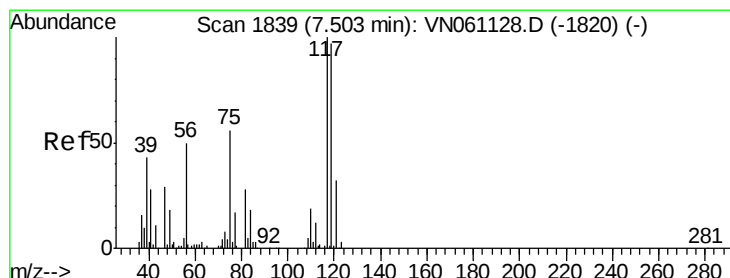
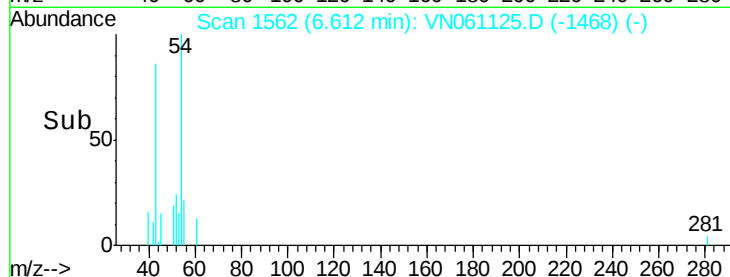
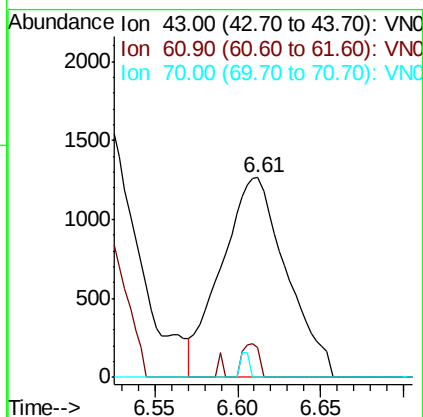
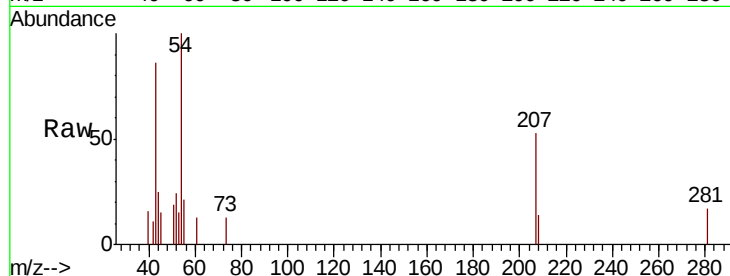




#37
Ethyl Acetate
Concen: 0.898 ug/l
RT: 6.61 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

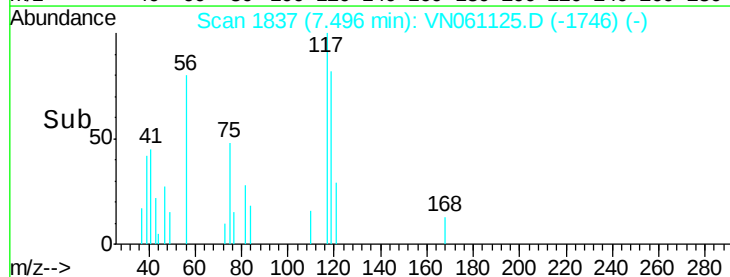
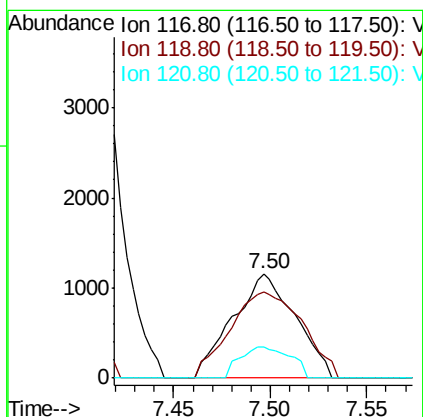
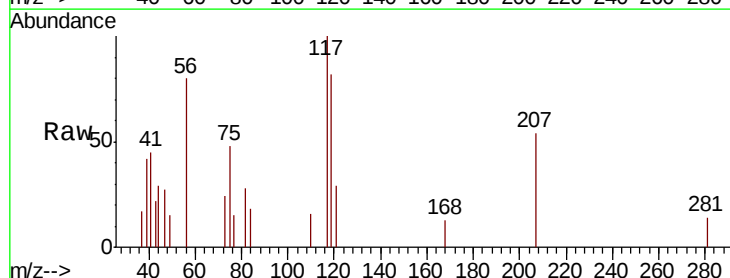
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

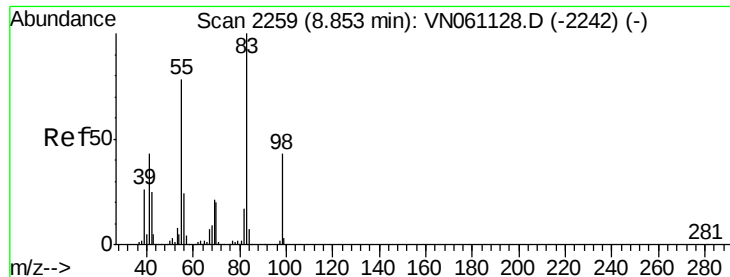
Tot Ion: 43 Resp: 3452
Ion Ratio Lower Upper
43 100
61 4.3 11.4 17.0#
70 1.7 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 0.875 ug/l
RT: 7.50 min Scan# 1837
Delta R.T. -0.01 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 117 Resp: 2610
Ion Ratio Lower Upper
117 100
119 82.4 76.9 115.3
121 29.4 25.0 37.6

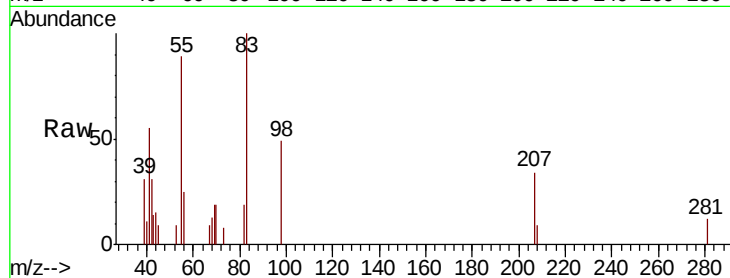




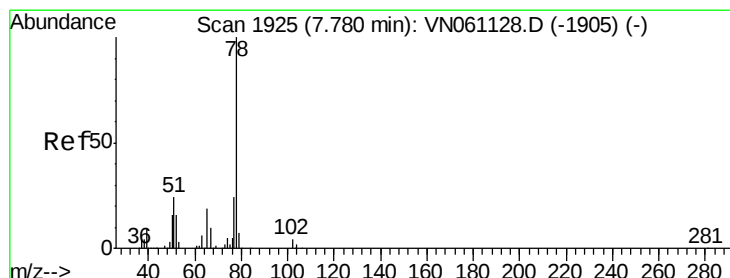
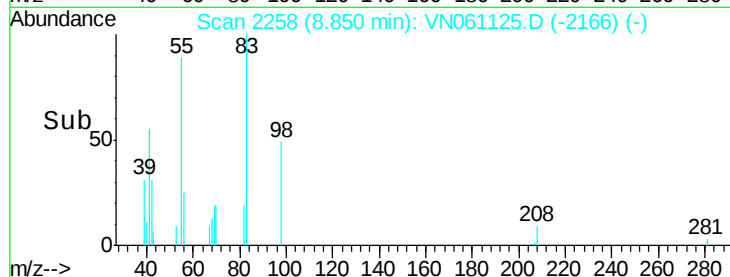
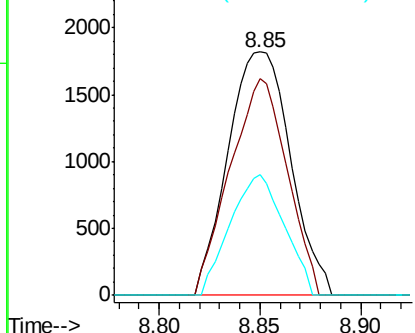
#39
Methvlcvclohexane
Concen: 0.922 ug/l
RT: 8.85 min Scan# 2258
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 3941
Ion Ratio Lower Upper
83 100
55 89.2 62.2 93.4
98 49.5 34.7 52.1

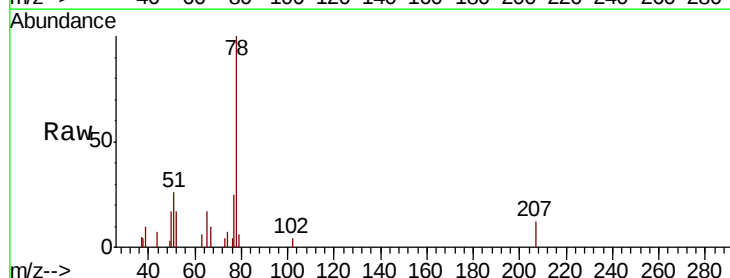


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

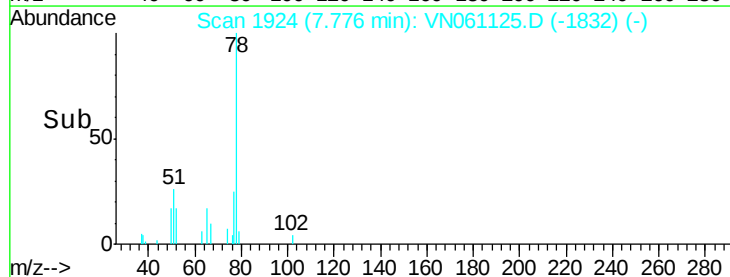
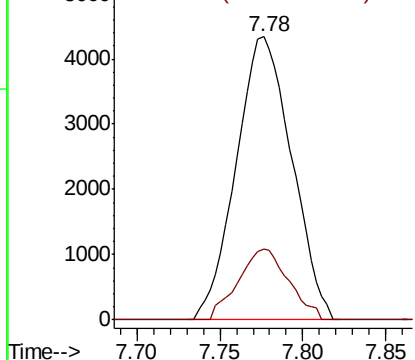


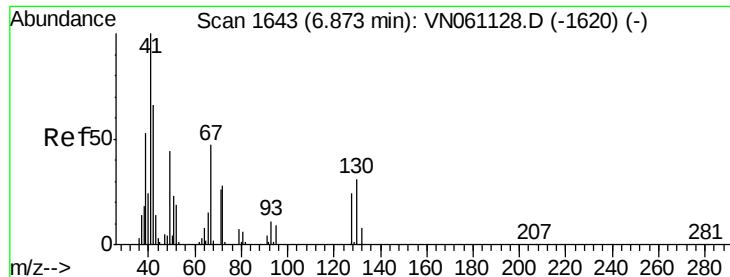
#40
Benzene
Concen: 0.956 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 78 Resp: 10116
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

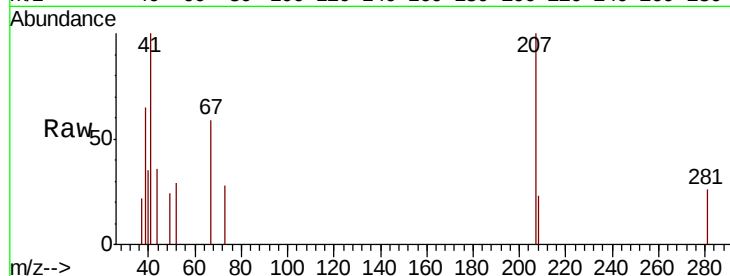




#41
Methacrylonitrile
Concen: 0.763 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. -0.02 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:	41	Resp:	1243
Ion	Ratio	Lower	Upper
41	100		
39	69.0	119.4	179.0#
67	91.3	0.0	0.0#
52	18.9	0.0	0.0#



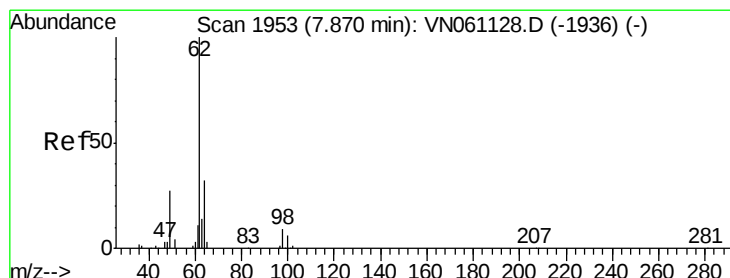
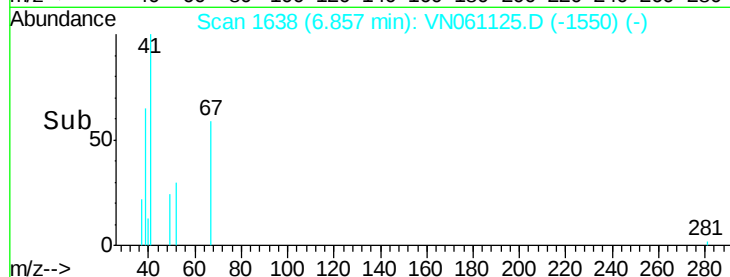
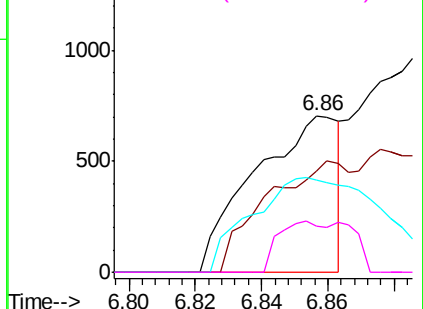
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

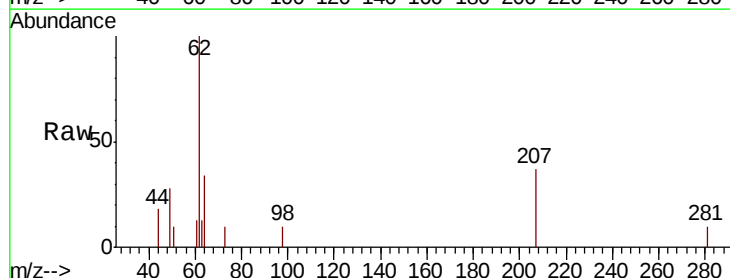
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 0.967 ug/l
RT: 7.86 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

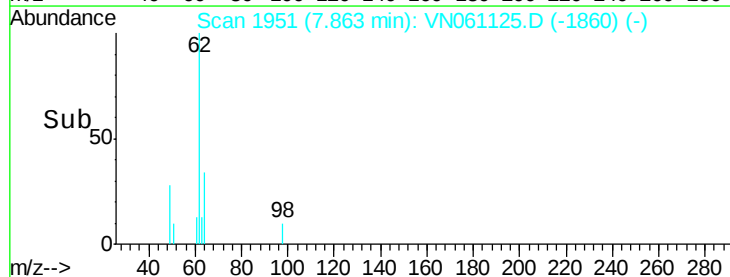
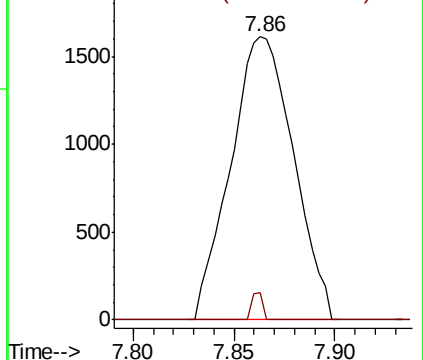
Tgt Ion:	62	Resp:	3504
Ion	Ratio	Lower	Upper
62	100		
98	1.7	0.0	17.0

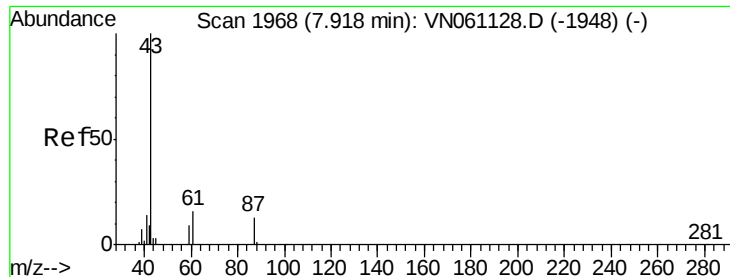


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 0.900 ug/l

RT: 7.91 min Scan# 1967

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

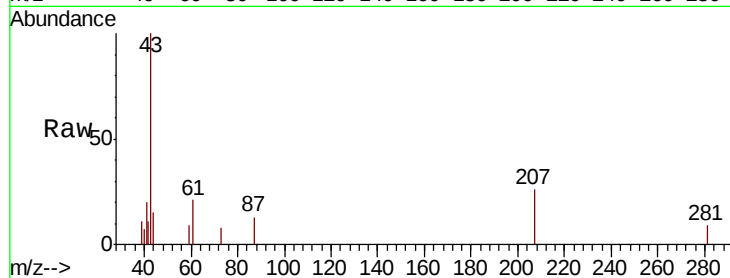
Tot Ion: 43 Resp: 5633

Ion Ratio Lower Upper

43 100

61 17.2 15.5 23.3

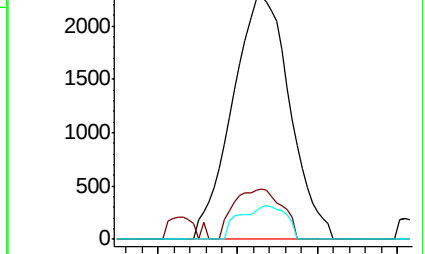
87 11.1 10.2 15.4



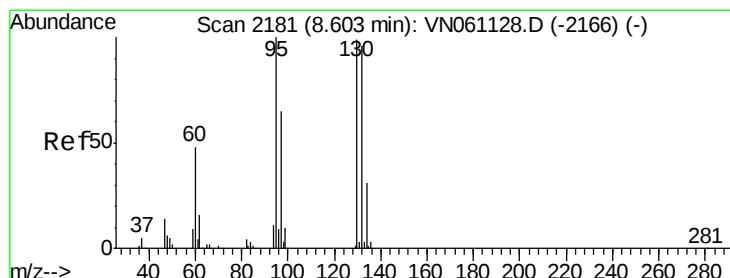
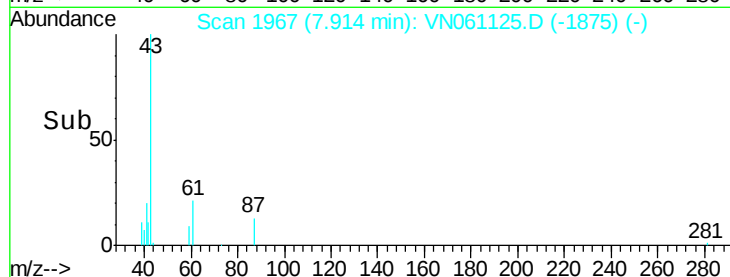
Abundance Ion 43.00 (42.70 to 43.70): VN061125.D (-1948) (-)

Ion 61.00 (60.70 to 61.70): VN061125.D (-1948) (-)

Ion 87.00 (86.70 to 87.70): VN061125.D (-1948) (-)



Time-->



#44

Trichloroethene

Concen: 1.102 ug/l

RT: 8.60 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VN061125.D

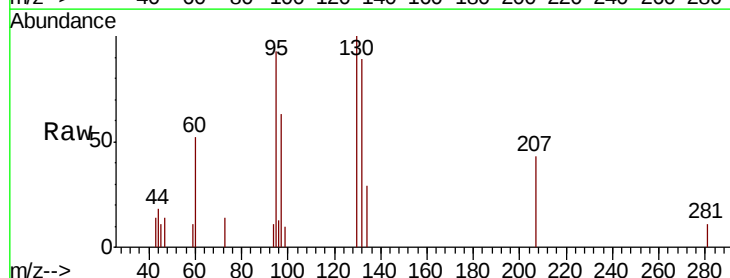
Acq: 22 Apr 2020 13:09

Tgt Ion: 130 Resp: 3005

Ion Ratio Lower Upper

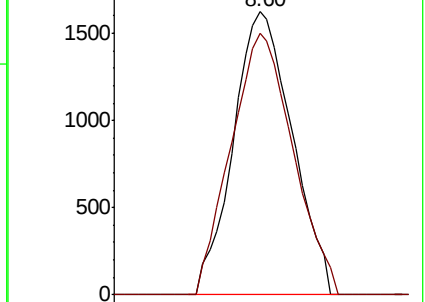
130 100

95 92.6 0.0 202.6

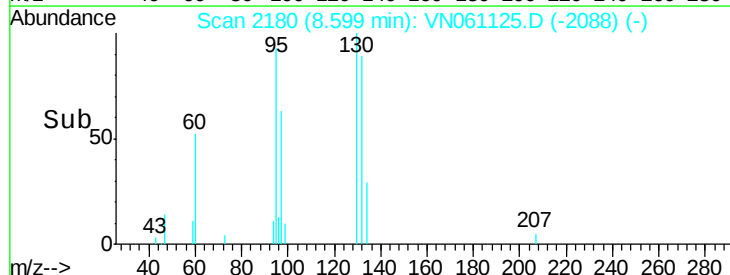


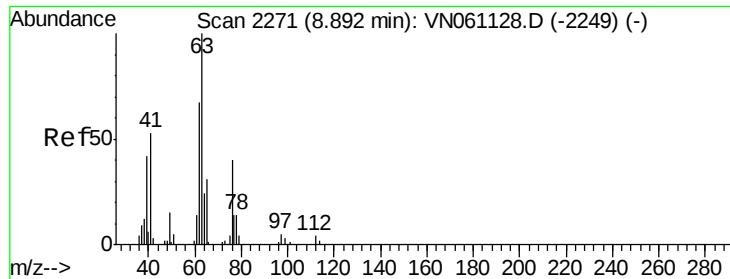
Abundance Ion 129.80 (129.50 to 130.50): VN061125.D (-2166) (-)

Ion 94.90 (94.60 to 95.60): VN061125.D (-2166) (-)



Time-->

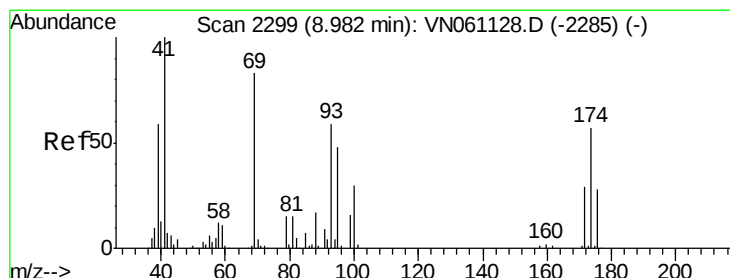
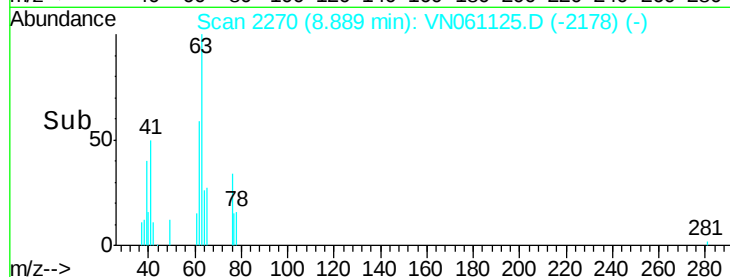
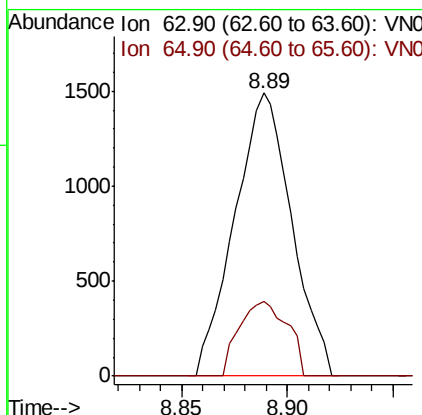
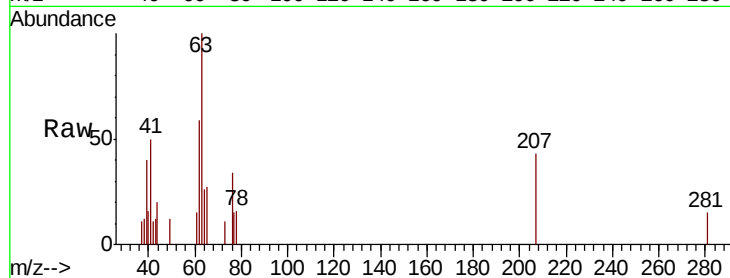




#45
 1,2-Dichloropropane
 Concen: 0.982 ug/l
 RT: 8.89 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

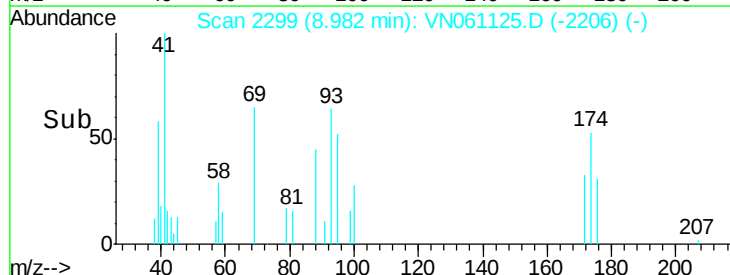
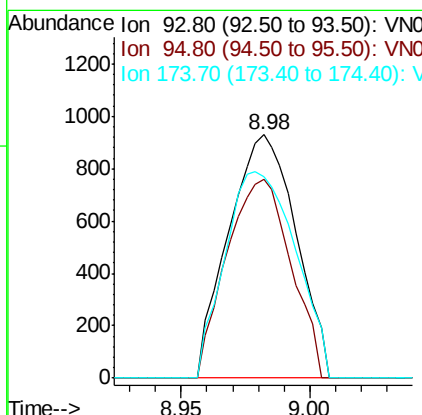
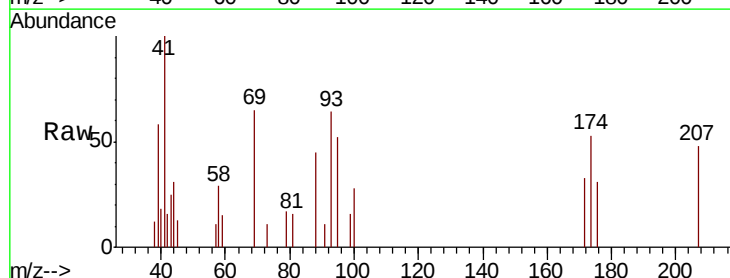
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

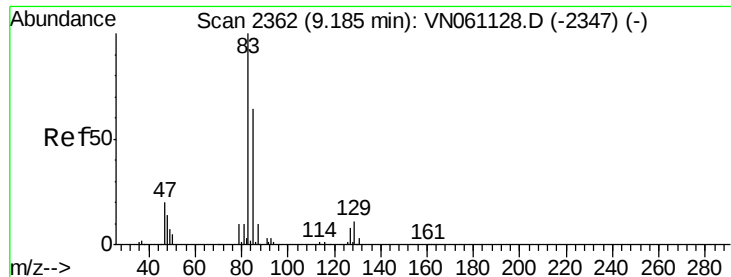
Tot Ion: 63 Resp: 2797
 Ion Ratio Lower Upper
 63 100
 65 26.6 24.7 37.1



#46
 Dibromomethane
 Concen: 1.014 ug/l
 RT: 8.98 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion: 93 Resp: 1693
 Ion Ratio Lower Upper
 93 100
 95 77.7 65.0 97.4
 174 88.9 77.8 116.6





#47

Bromodichloromethane

Concen: 0.859 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

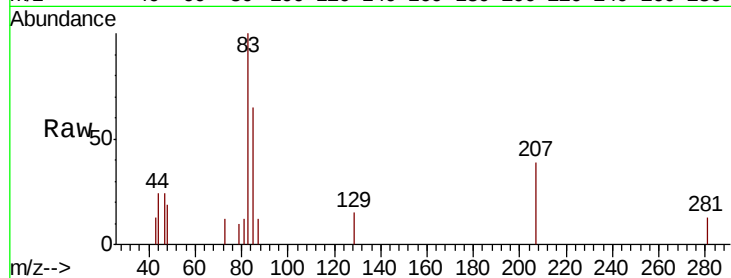
Tot Ion: 83 Resp: 3005

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.2

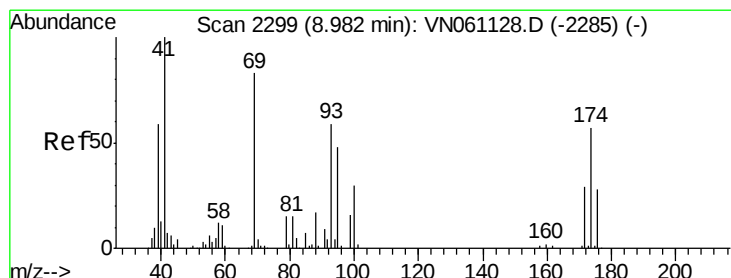
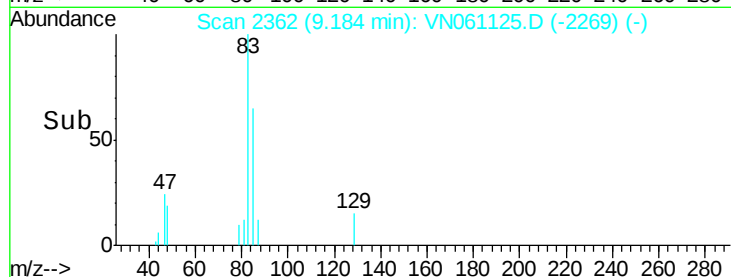
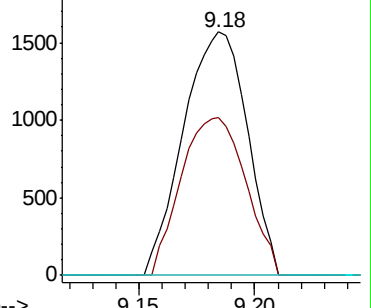
127 0.0 6.6 10.0#



Abundance Ion 82.90 (82.60 to 83.60): VN061125.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061125.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061125.D (-2269) (-)



#48

Methyl methacrylate

Concen: 0.966 ug/l

RT: 8.98 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

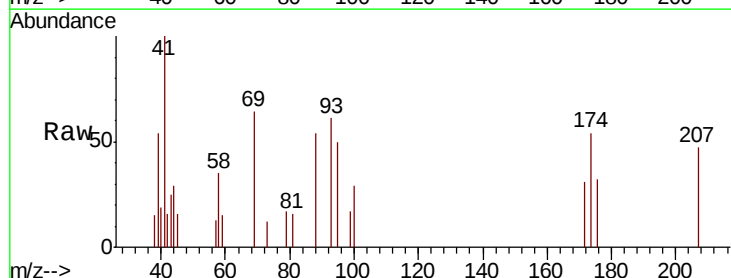
Tgt Ion: 41 Resp: 2694

Ion Ratio Lower Upper

41 100

69 66.7 65.4 98.2

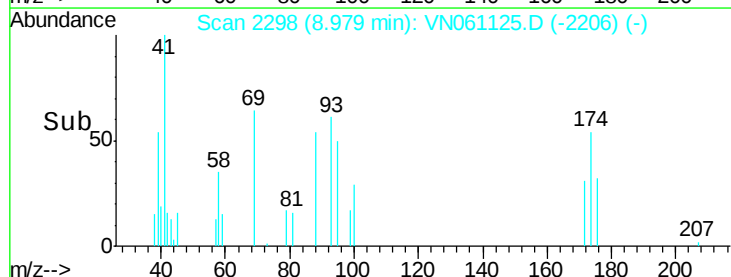
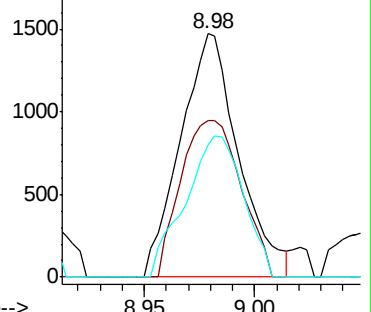
39 57.9 47.8 71.6

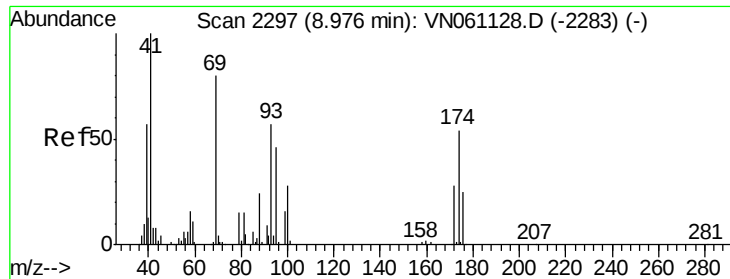


Abundance Ion 41.00 (40.70 to 41.70): VN061125.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061125.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061125.D (-2206) (-)

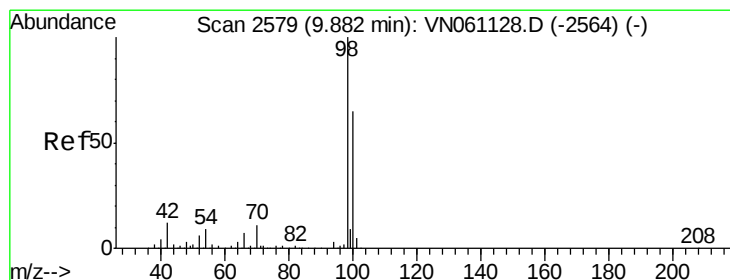
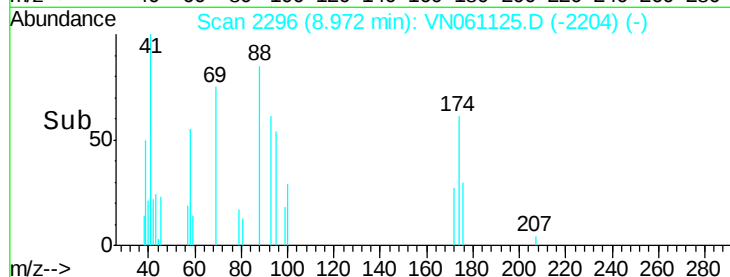
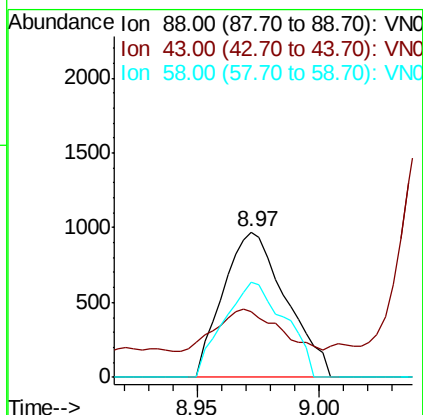
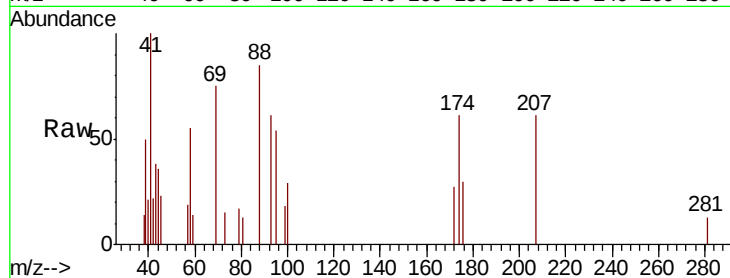




#49
 1,4-Dioxane
 Concen: 51.255 ug/l
 RT: 8.97 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

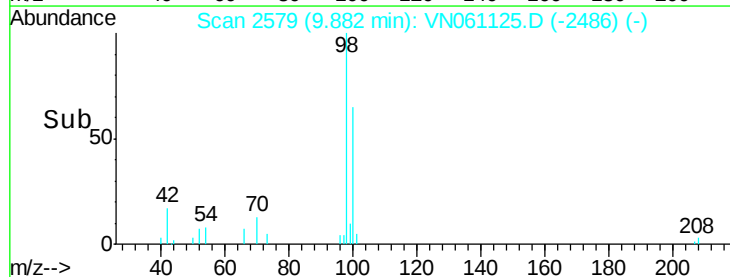
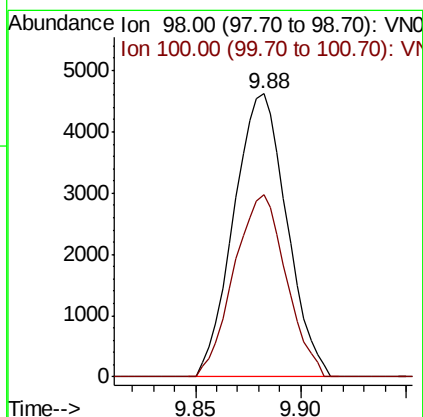
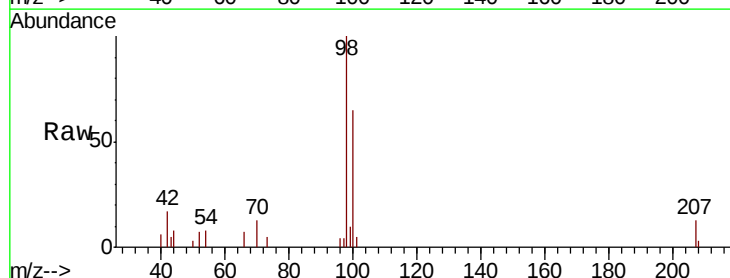
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

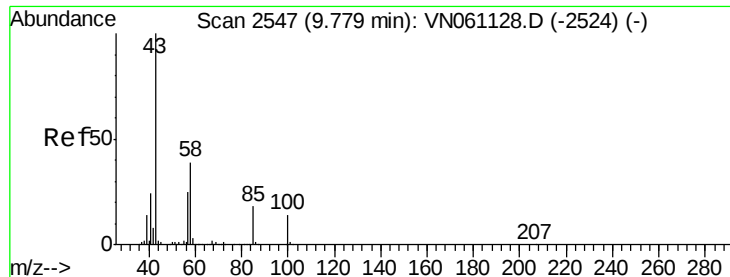
Tot Ion: 88 Resp: 1734
 Ion Ratio Lower Upper
 88 100
 43 27.3 29.0 43.4#
 58 63.9 57.8 86.6



#50
 Toluene-d8
 Concen: 1.020 ug/l
 RT: 9.88 min Scan# 2579
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion: 98 Resp: 8066
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.8 77.6

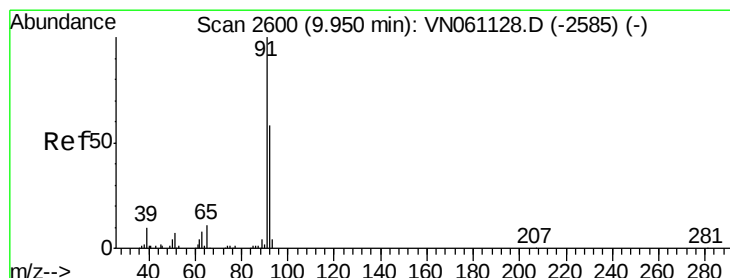
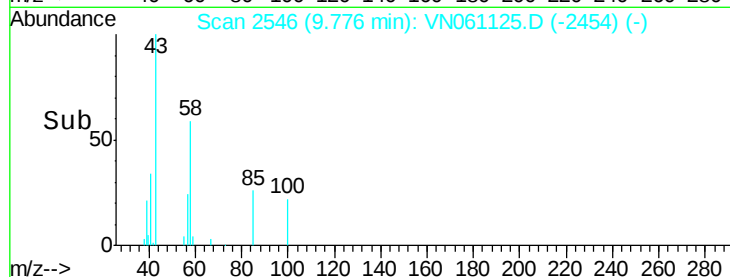
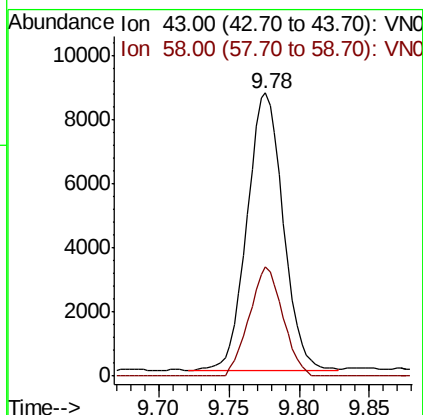
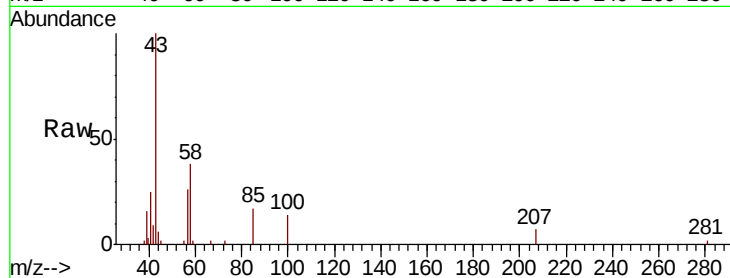




#51
4-Methyl-2-Pentanone
Concen: 4.310 ug/l
RT: 9.78 min Scan# 2546
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

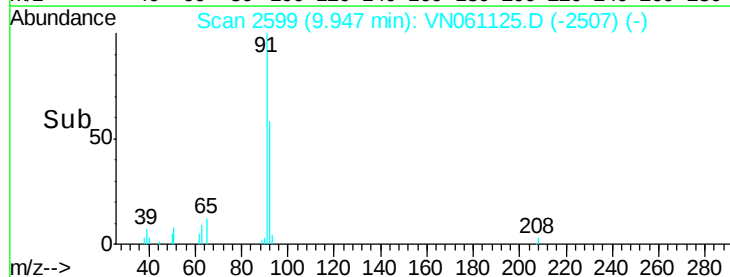
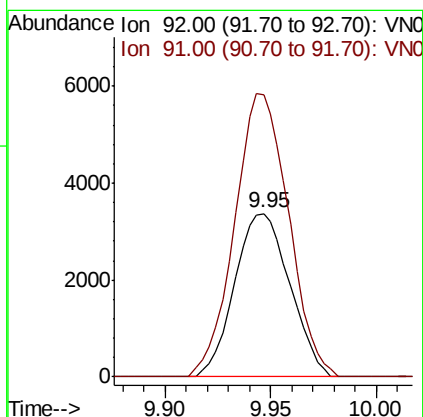
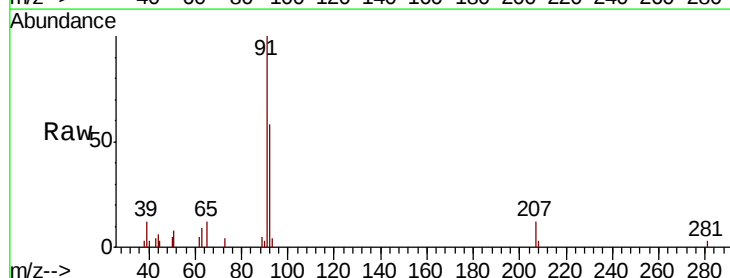
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

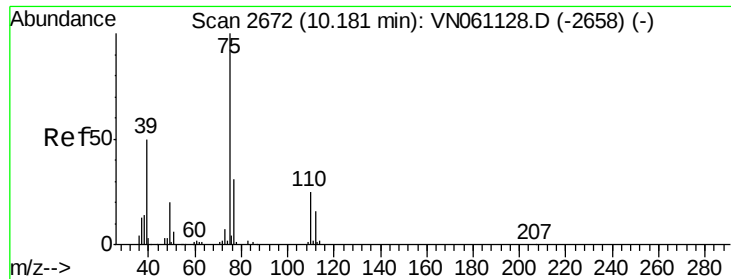
Tot Ion: 43 Resp: 15609
Ion Ratio Lower Upper
43 100
58 36.4 31.0 46.6



#52
Toluene
Concen: 0.958 ug/l
RT: 9.95 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 92 Resp: 6120
Ion Ratio Lower Upper
92 100
91 169.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 1.004 ug/l

RT: 10.18 min Scan# 2672

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

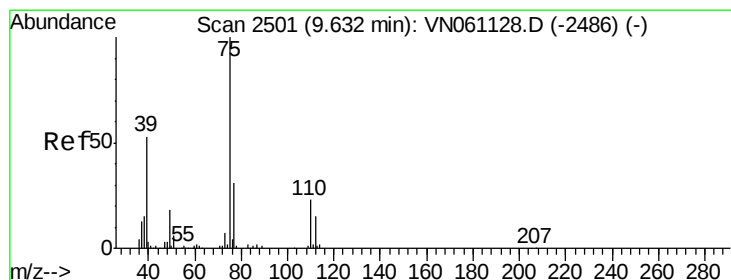
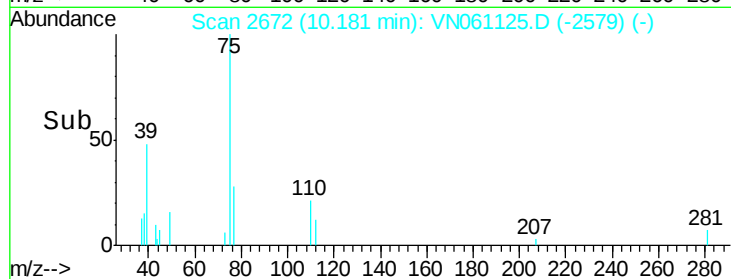
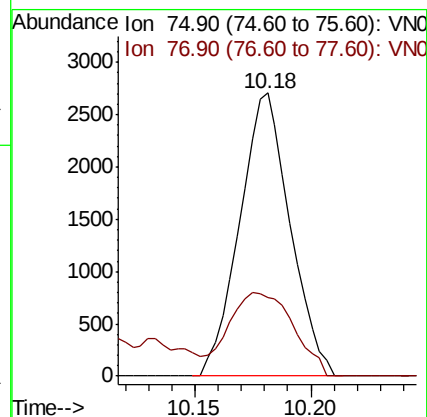
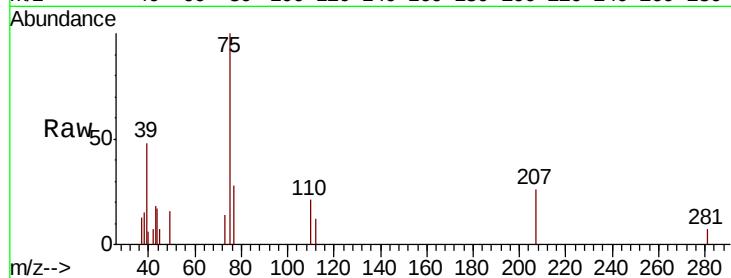
VSTDIC001

Tot Ion: 75 Resp: 4083

Ion Ratio Lower Upper

75 100

77 27.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 0.913 ug/l

RT: 9.63 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

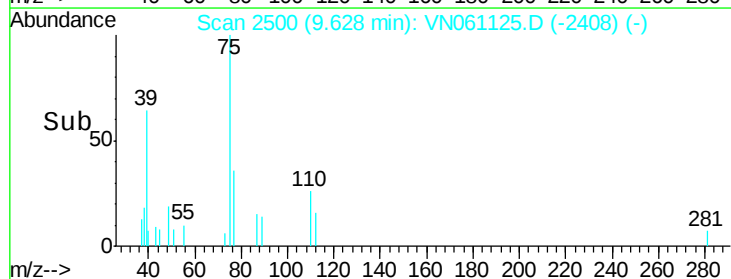
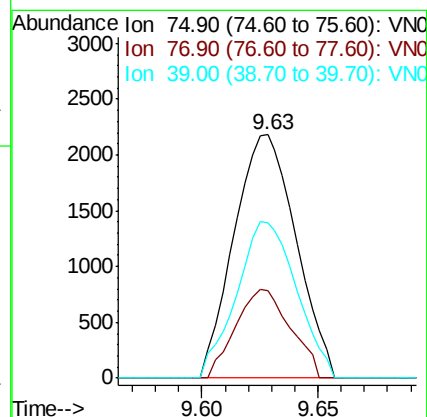
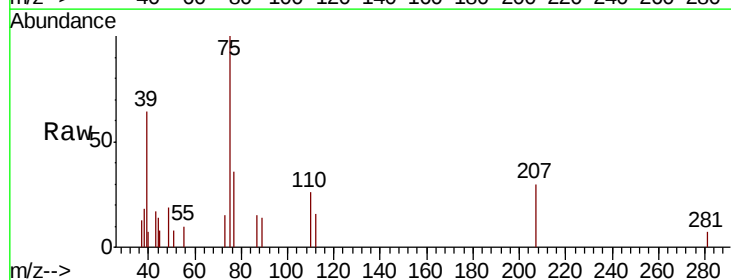
Tgt Ion: 75 Resp: 4038

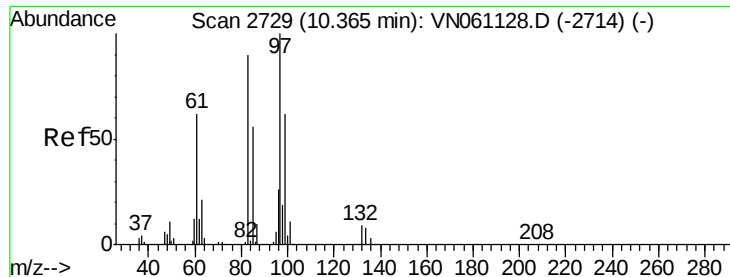
Ion Ratio Lower Upper

75 100

77 36.1 25.2 37.8

39 63.9 42.1 63.1#





#55

1,1,2-Trichloroethane

Concen: 0.985 ug/l

RT: 10.36 min Scan# 2728

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 97 Resp: 2384

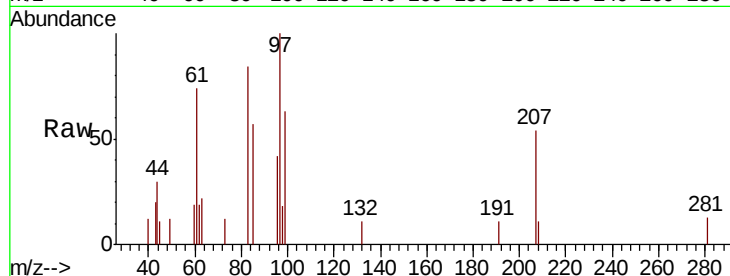
Ion Ratio Lower Upper

97 100

83 84.3 71.8 107.6

85 57.3 45.0 67.6

99 63.1 49.8 74.8

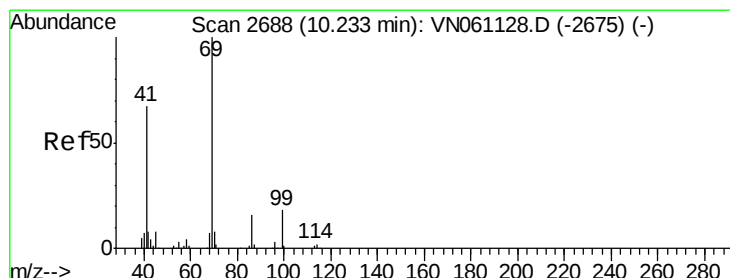
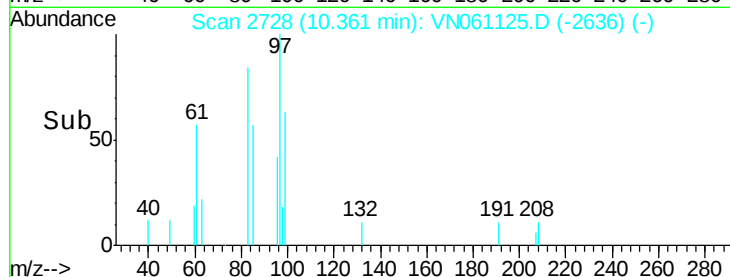
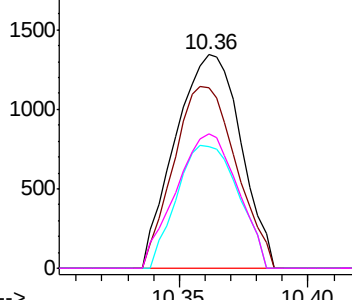


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 0.839 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

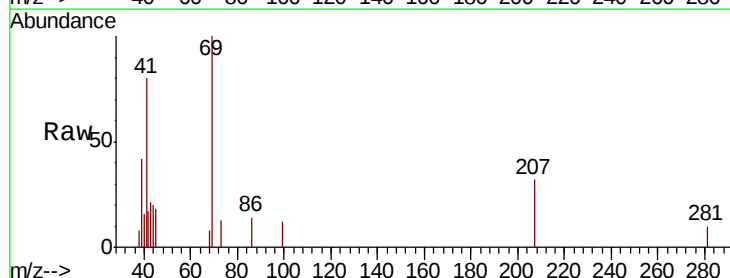
Tgt Ion: 69 Resp: 3175

Ion Ratio Lower Upper

69 100

41 87.7 54.0 81.0#

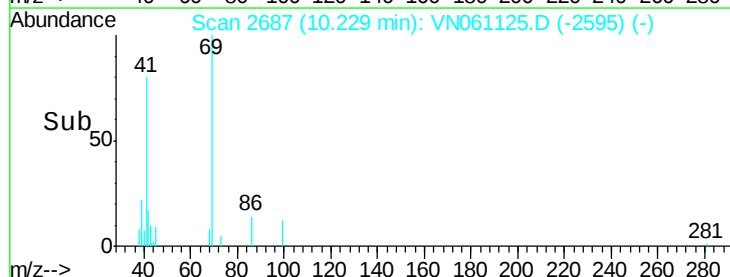
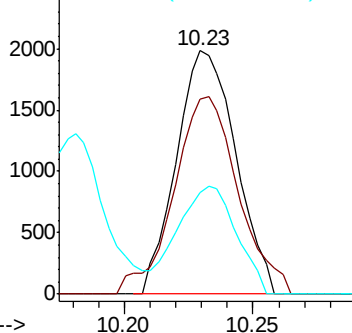
39 45.1 31.4 47.0

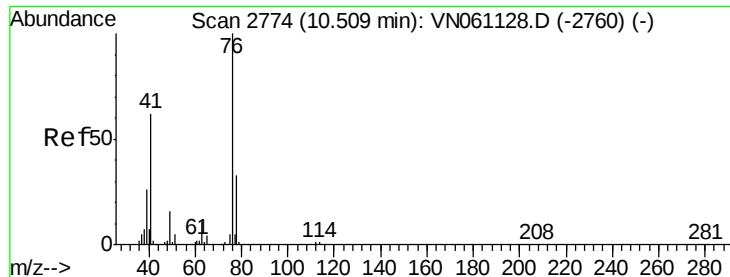


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.925 ug/l

RT: 10.51 min Scan# 2773

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

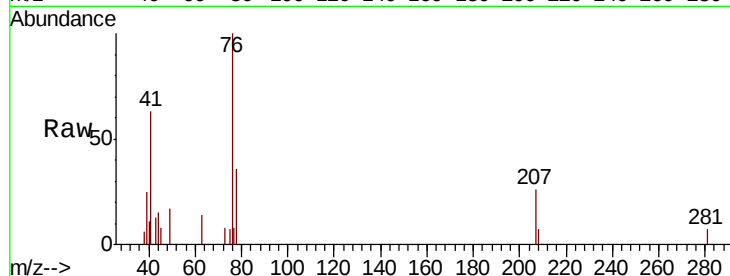
VSTDIC001

Tot Ion: 76 Resp: 3967

Ion Ratio Lower Upper

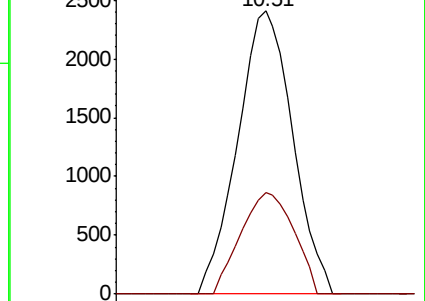
76 100

78 34.7 26.1 39.1

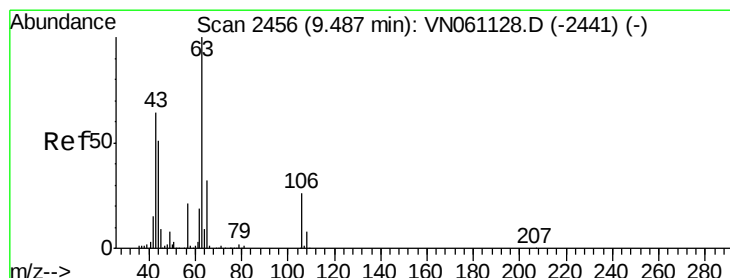
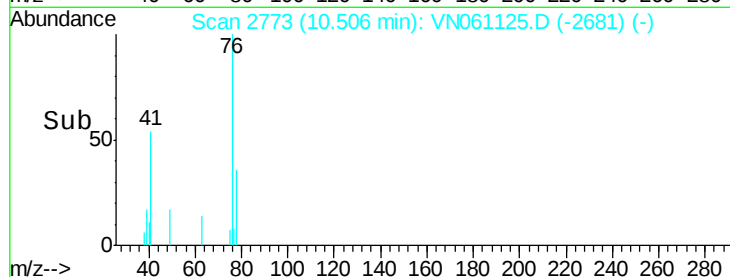


Abundance Ion 75.90 (75.60 to 76.60): VN061125.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN061125.D (-2760) (-)



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 4.569 ug/l

RT: 9.49 min Scan# 2456

Delta R.T. -0.00 min

Lab File: VN061125.D

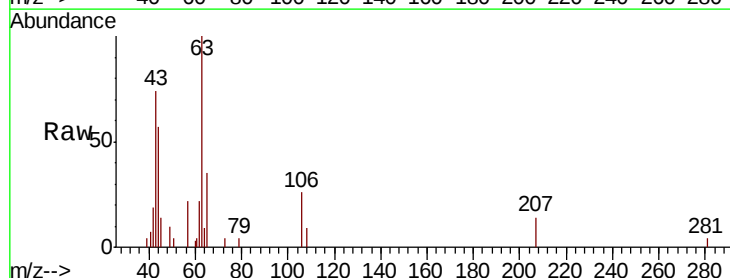
Acq: 22 Apr 2020 13:09

Tgt Ion: 63 Resp: 8210

Ion Ratio Lower Upper

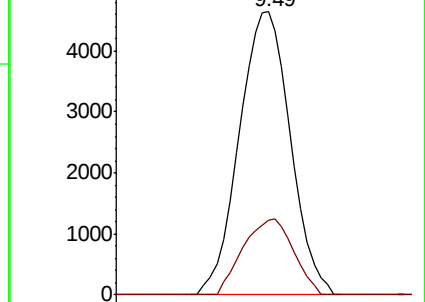
63 100

106 26.5 21.3 31.9

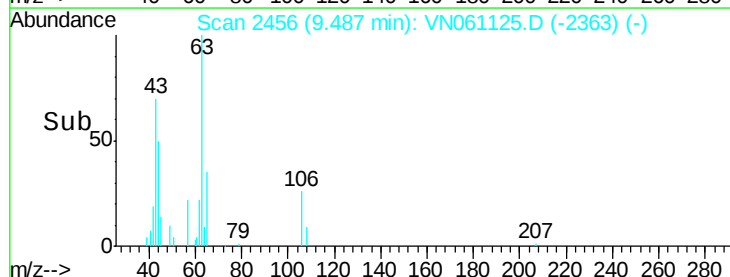


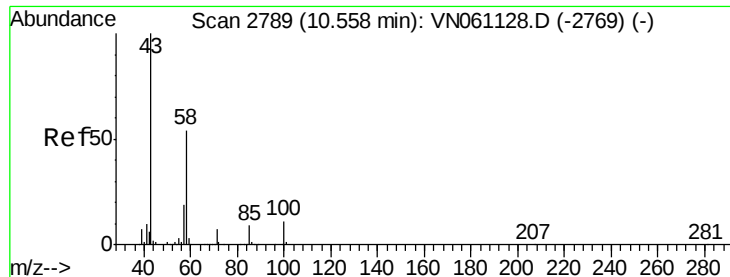
Abundance Ion 62.90 (62.60 to 63.60): VN061125.D (-2441) (-)

Ion 105.90 (105.60 to 106.60): VN061125.D (-2441) (-)



Time-->

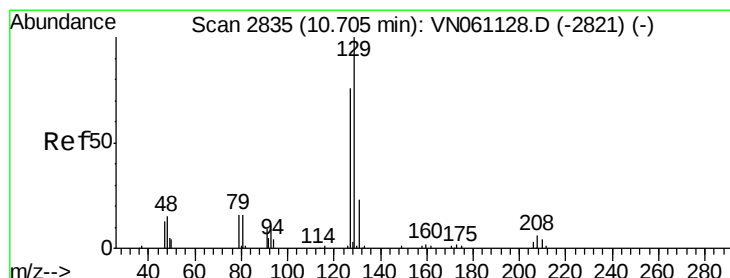
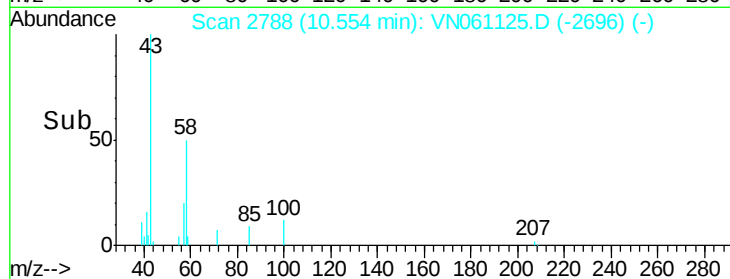
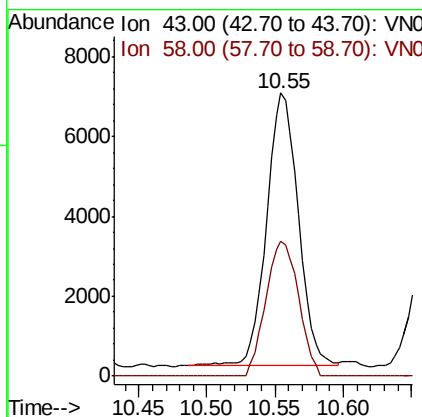
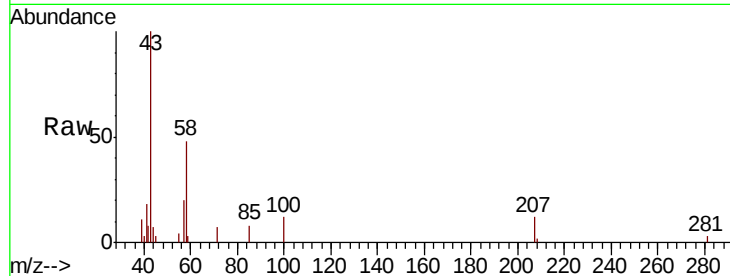




#59
2-Hexanone
Concen: 4.195 ug/l
RT: 10.55 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

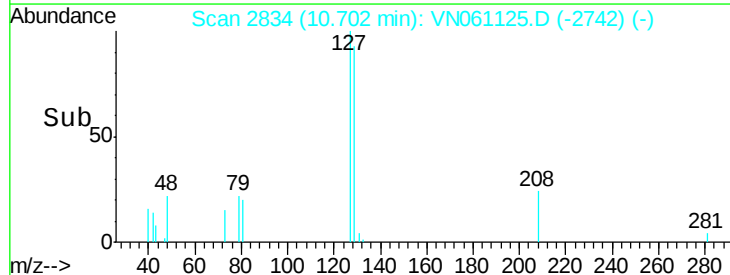
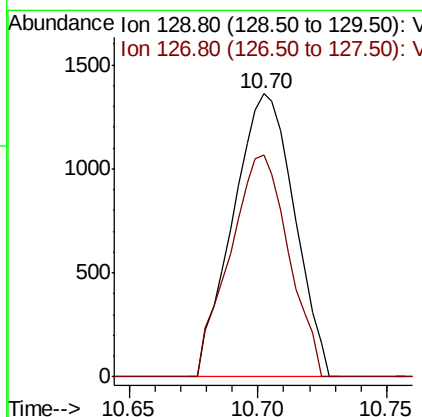
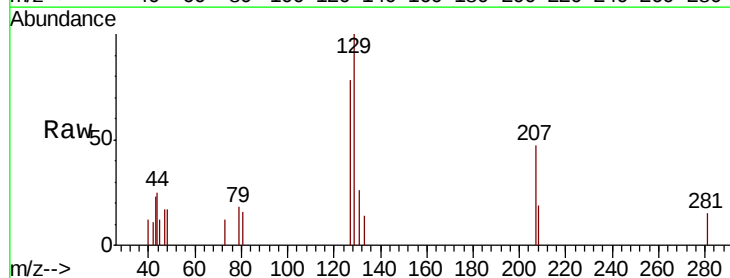
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

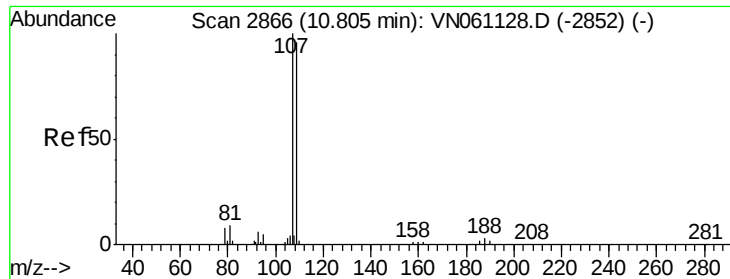
Tot Ion: 43 Resp: 10986
Ion Ratio Lower Upper
43 100
58 51.0 26.9 80.6



#60
Dibromochloromethane
Concen: 0.903 ug/l
RT: 10.70 min Scan# 2834
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 129 Resp: 2255
Ion Ratio Lower Upper
129 100
127 74.8 38.4 115.2

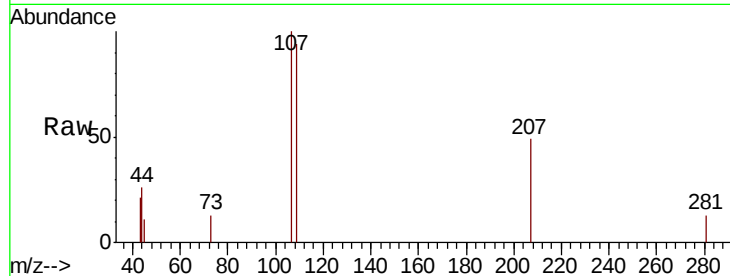




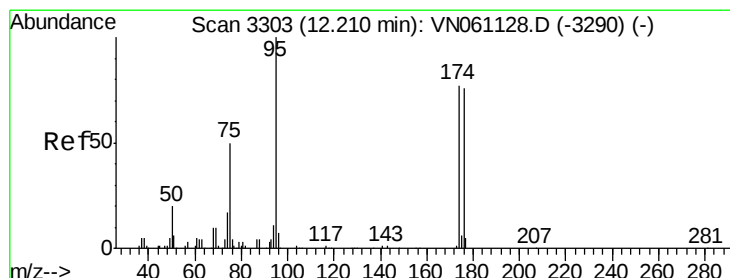
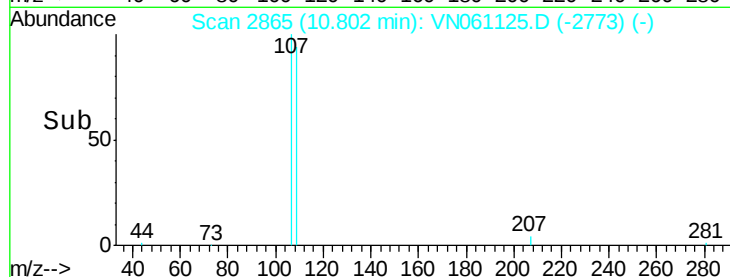
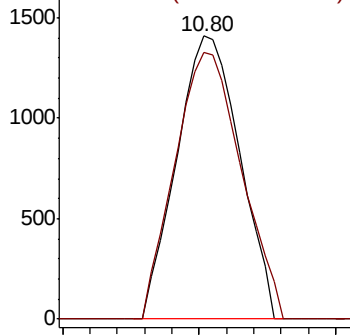
#61
 1,2-Dibromoethane
 Concen: 0.909 ug/l
 RT: 10.80 min Scan# 2865
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 107 Resp: 2255
 Ion Ratio Lower Upper
 107 100
 109 99.5 76.0 114.0

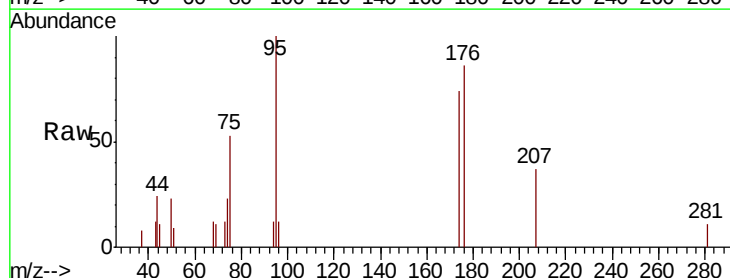


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

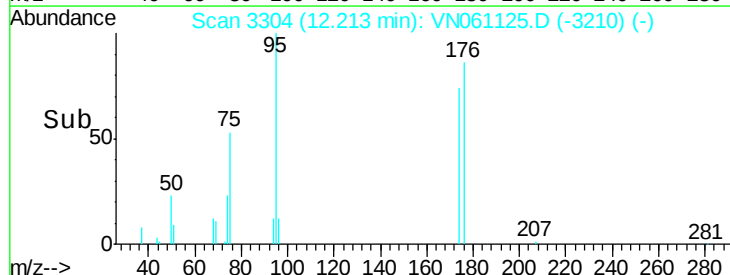
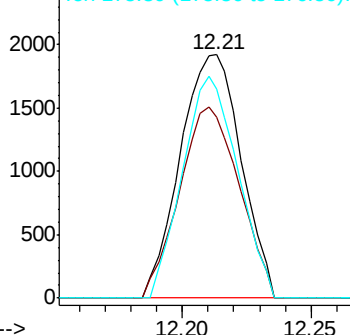


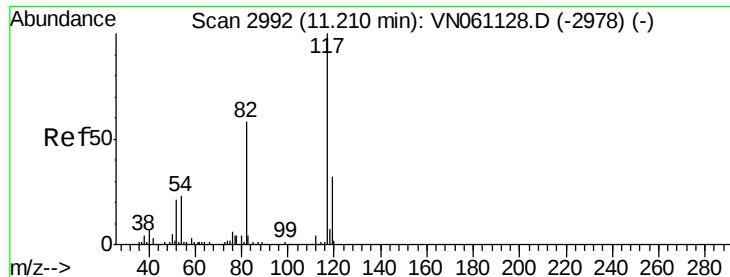
#62
 4-Bromofluorobenzene
 Concen: 1.033 ug/l
 RT: 12.21 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion: 95 Resp: 3165
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 157.6
 176 82.6 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): V
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

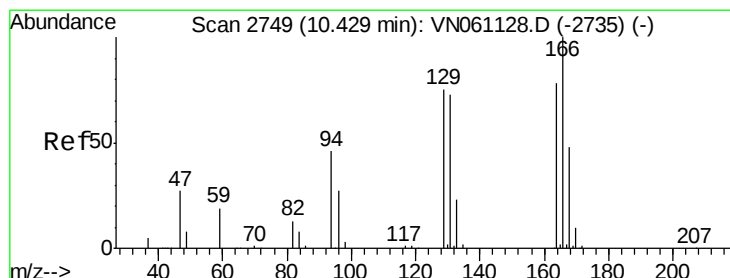
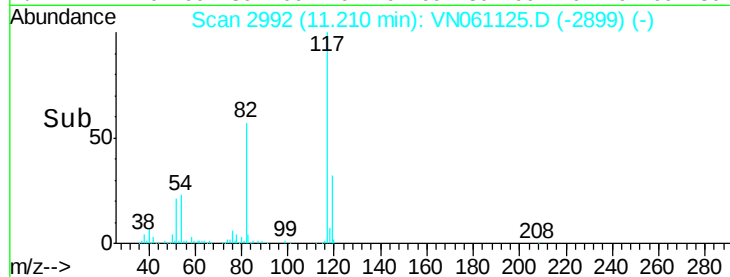
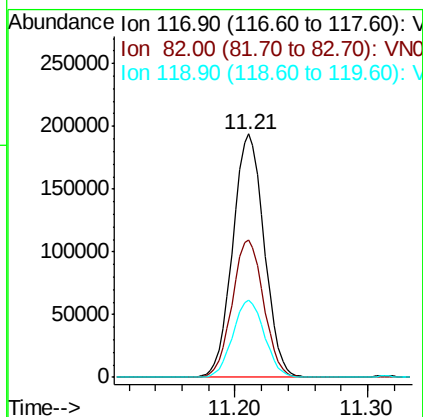
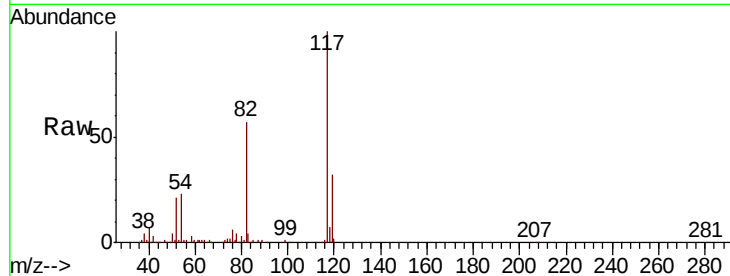




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

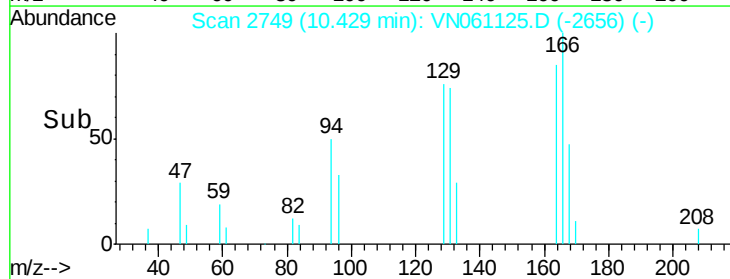
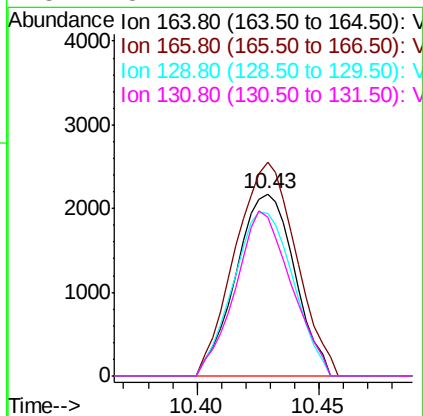
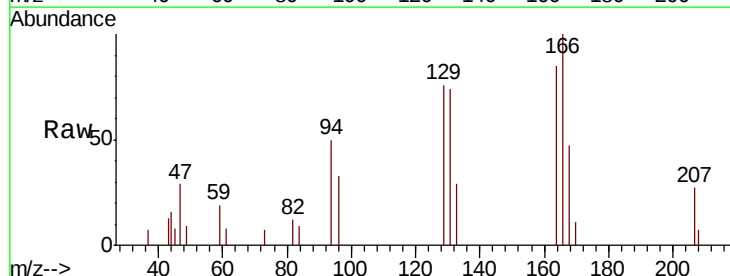
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

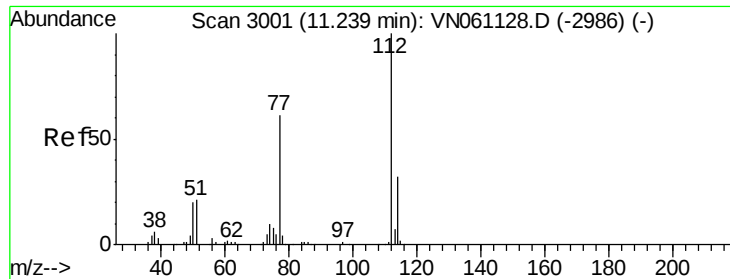
Tot Ion:117 Resp: 319099
Ion Ratio Lower Upper
117 100
82 56.5 46.0 69.0
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 1.405 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion:164 Resp: 3621
Ion Ratio Lower Upper
164 100
166 117.5 101.9 152.9
129 89.2 76.5 114.7
131 87.2 74.2 111.4

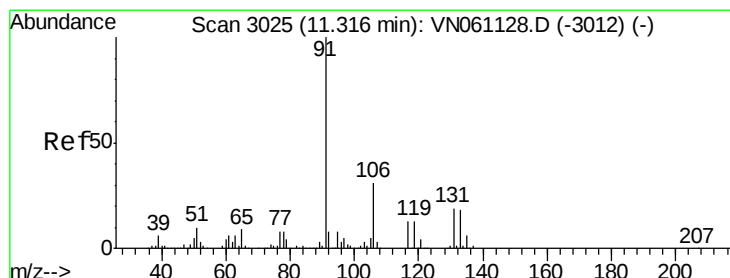
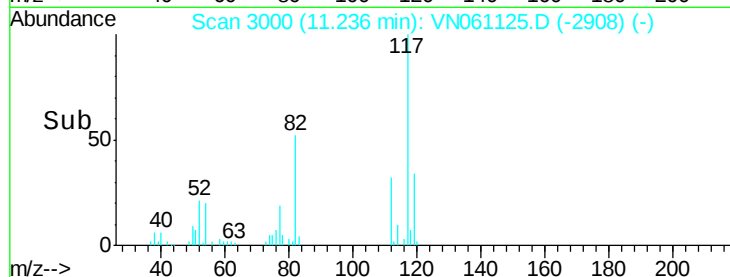
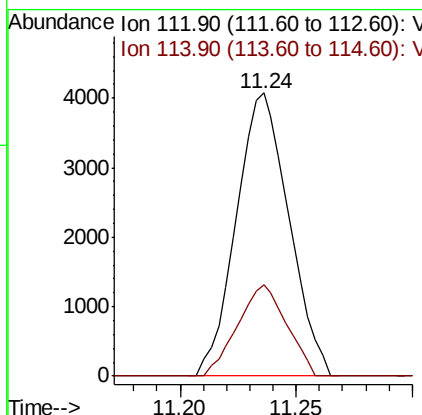
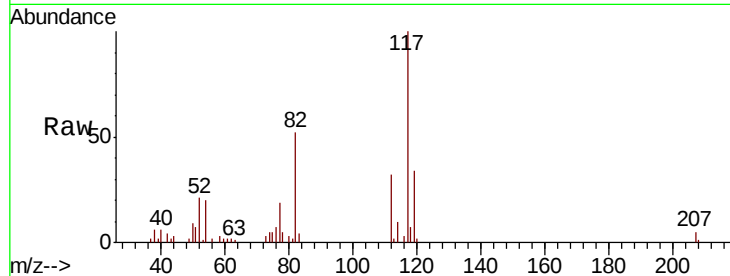




#65
Chlorobenzene
Concen: 0.976 ug/l
RT: 11.24 min Scan# 3000
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

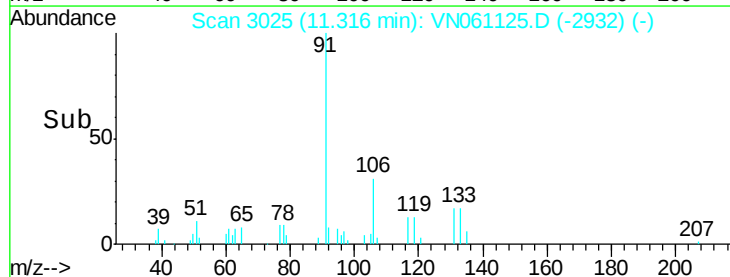
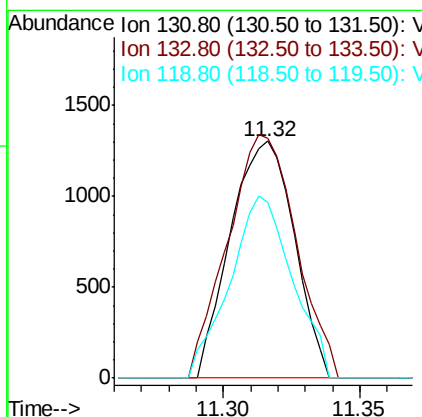
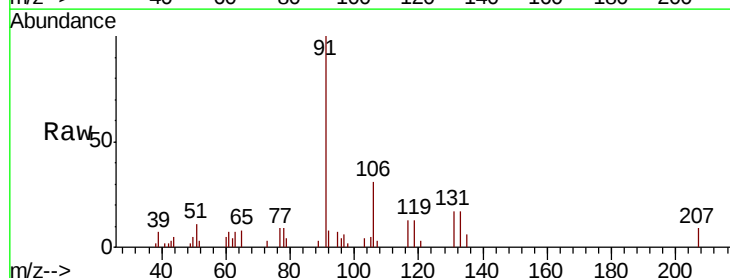
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

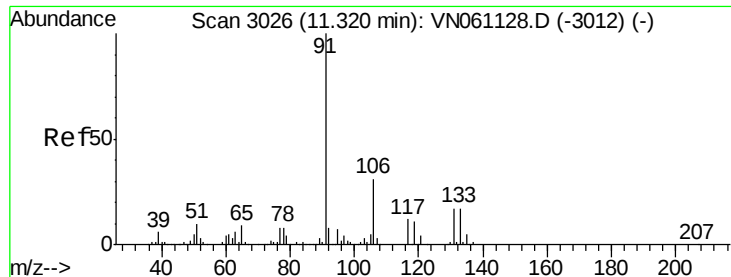
Tot Ion:112 Resp: 6436
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.896 ug/l
RT: 11.32 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion:131 Resp: 2118
Ion Ratio Lower Upper
131 100
133 110.2 48.2 144.6
119 0.0 33.1 99.5#

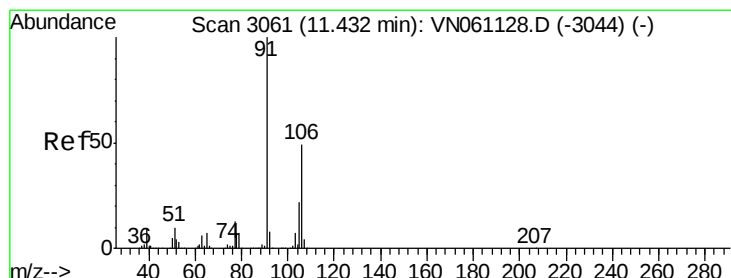
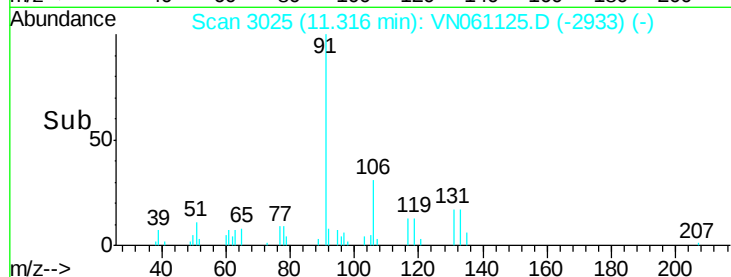
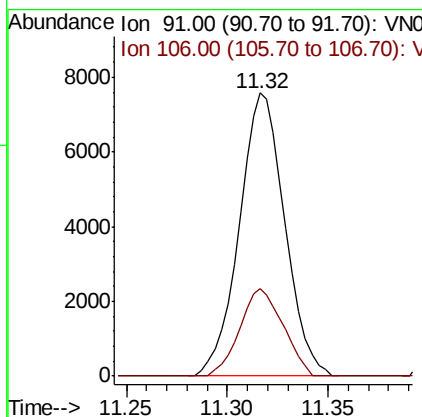
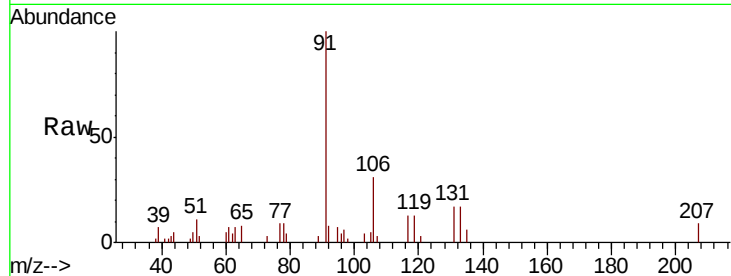




#67
Ethyl Benzene
Concen: 0.963 ug/l
RT: 11.32 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

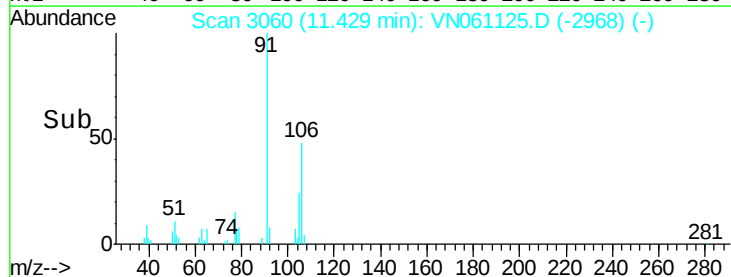
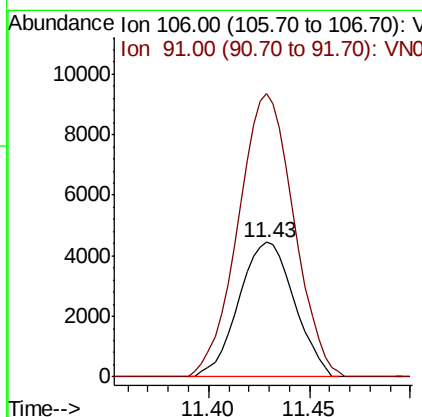
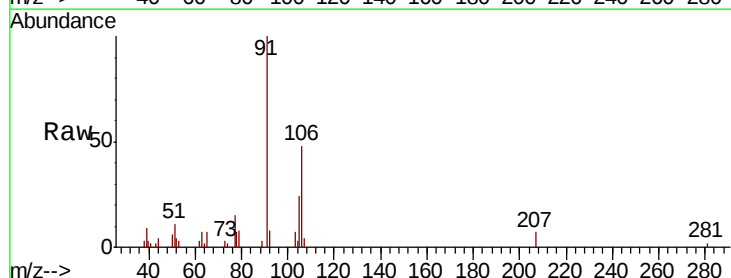
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

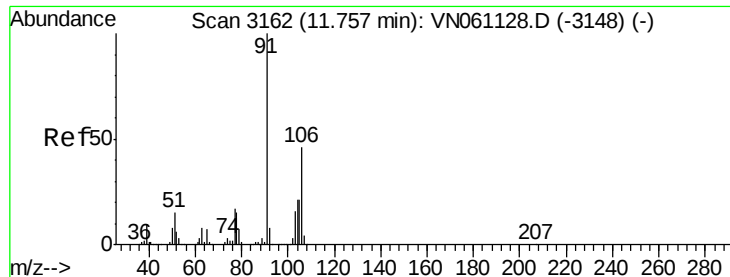
Tot Ion: 91 Resp: 11924
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 1.900 ug/l
RT: 11.43 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 106 Resp: 8550
Ion Ratio Lower Upper
106 100
91 210.9 163.9 245.9

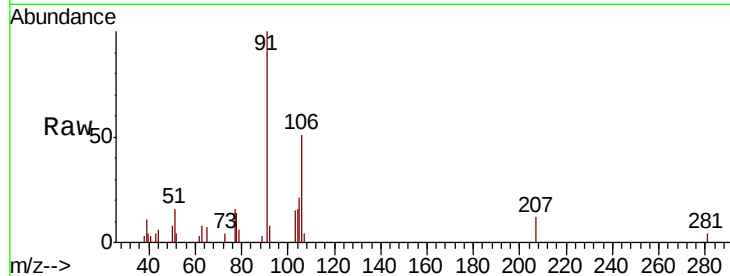




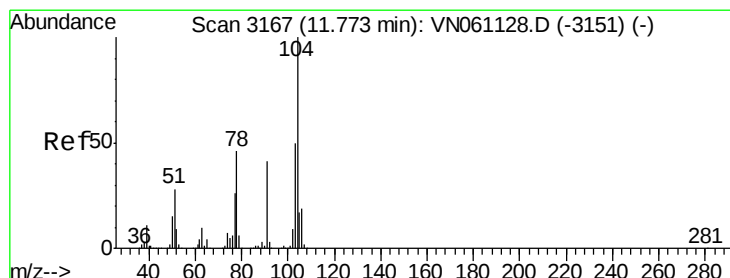
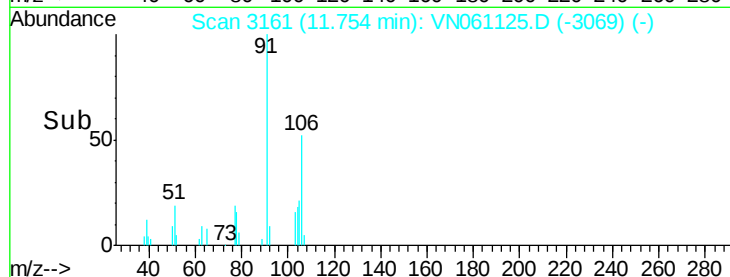
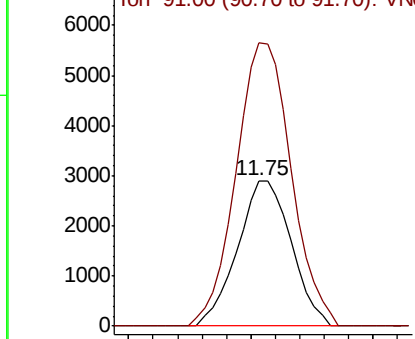
#69
o-Xylene
Concen: 1.023 ug/l
RT: 11.75 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 4426
Ion Ratio Lower Upper
106 100
91 200.3 107.6 322.8

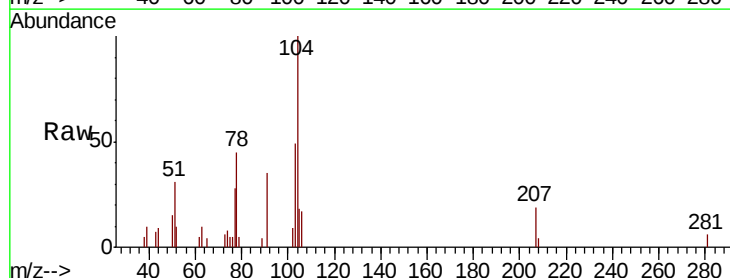


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

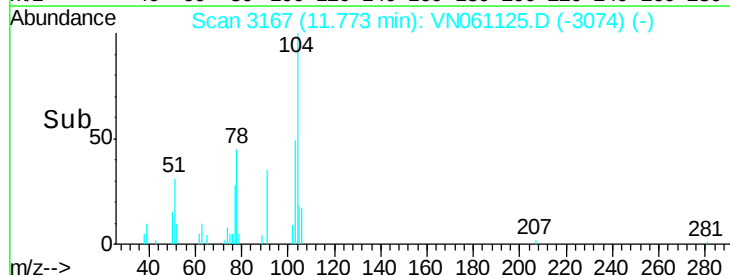
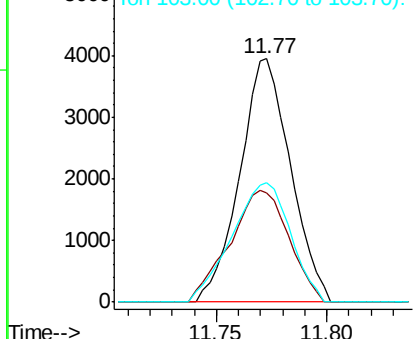


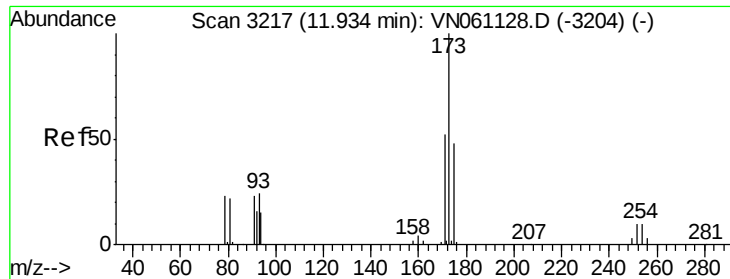
#70
Styrene
Concen: 0.909 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion:104 Resp: 6331
Ion Ratio Lower Upper
104 100
78 53.1 40.6 61.0
103 56.3 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

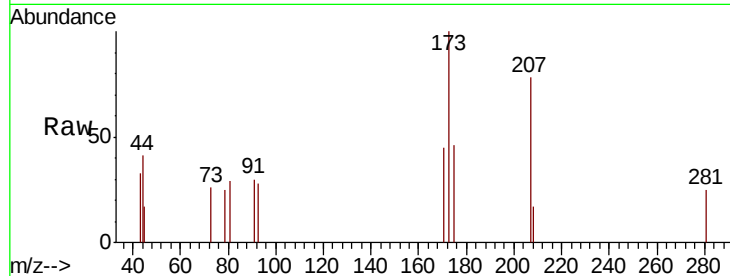




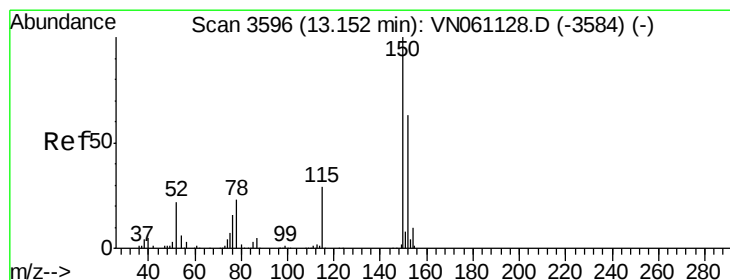
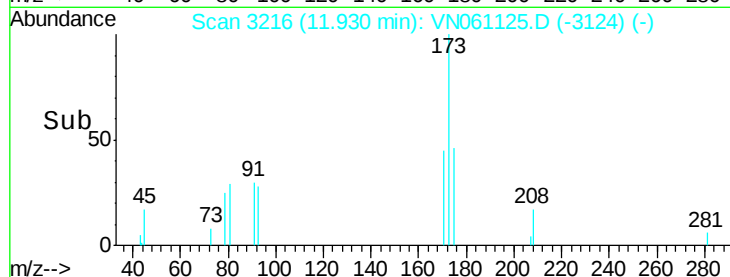
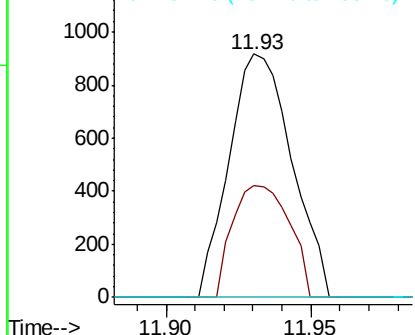
#71
Bromoform
Concen: 0.782 ug/l
RT: 11.93 min Scan# 3216
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:173 Resp: 1379
Ion Ratio Lower Upper
173 100
175 41.3 23.9 71.8
254 0.0 0.0 0.0

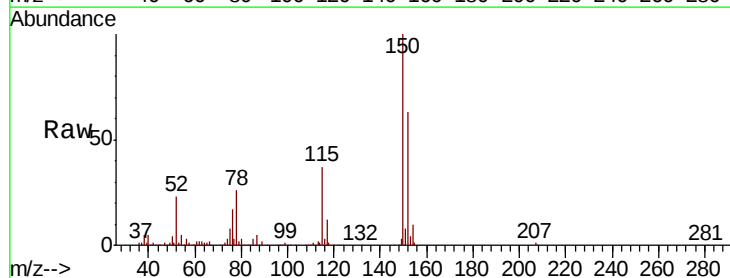


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

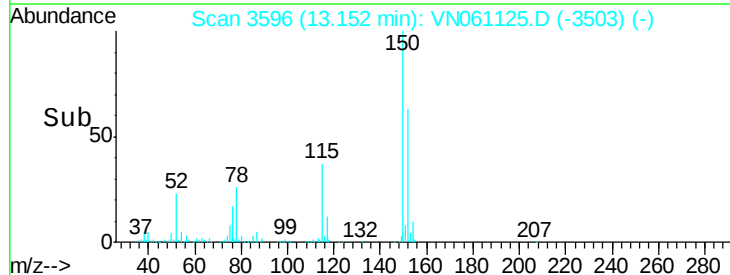
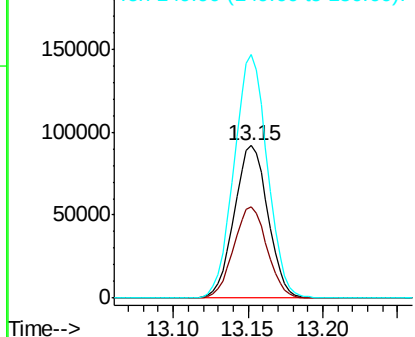


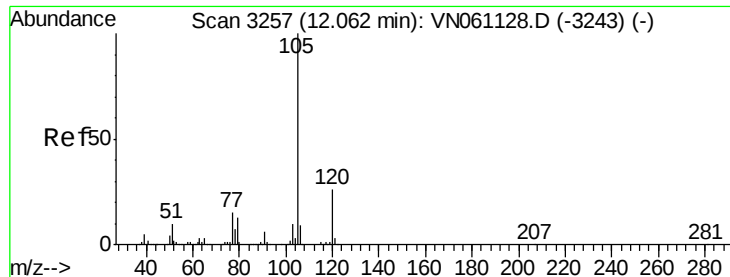
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.15 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion:152 Resp: 144019
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.5
150 158.1 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: 0.966 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

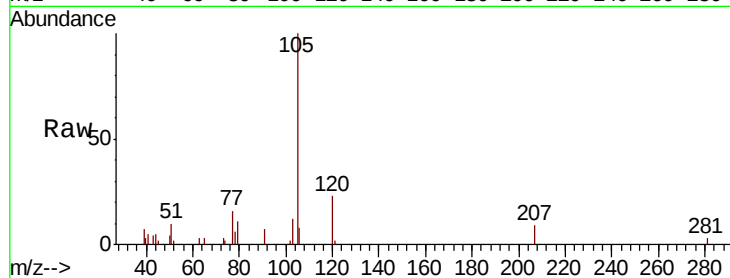
VSTDIC001

Tot Ion:105 Resp: 11106

Ion Ratio Lower Upper

105 100

120 25.1 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

8000

6000

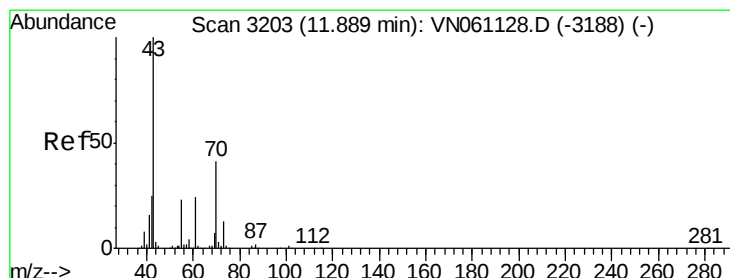
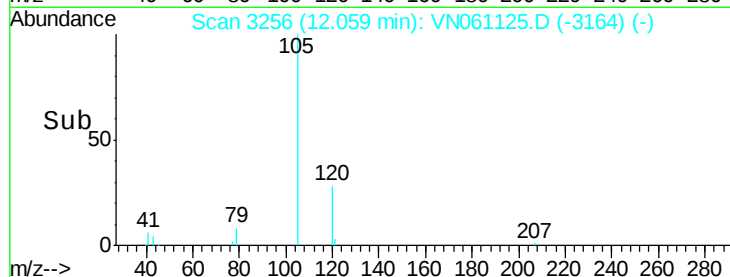
4000

2000

0

Time-->

12.00 12.05 12.10



#74

N-ethyl acetate

Concen: 0.911 ug/l

RT: 11.89 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion: 43 Resp: 4834

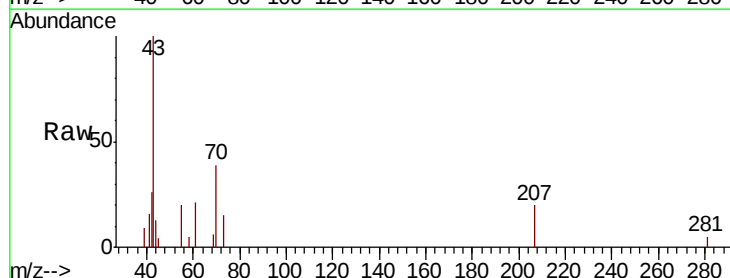
Ion Ratio Lower Upper

43 100

70 40.3 32.5 48.7

55 21.3 19.0 28.6

61 22.6 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

5000

4000

3000

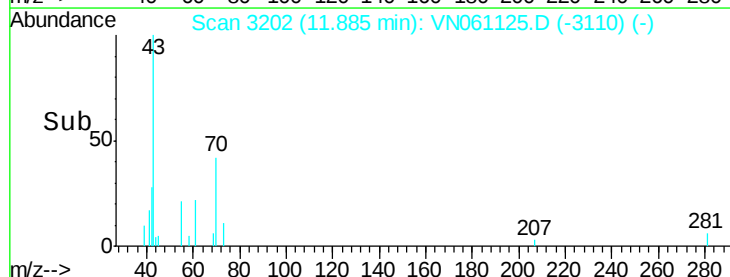
2000

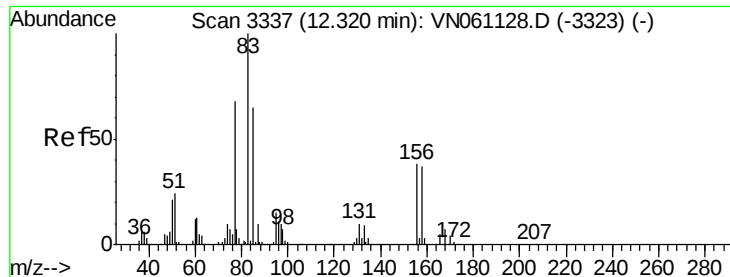
1000

0

Time-->

11.85 11.90 11.95





#75

1,1,2,2-Tetrachloroethane

Concen: 0.854 ug/l

RT: 12.32 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

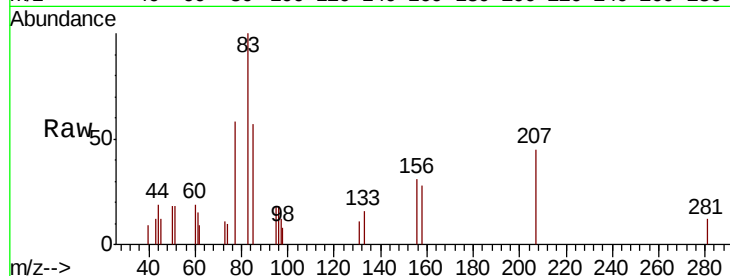
Tot Ion: 83 Resp: 2932

Ion Ratio Lower Upper

83 100

131 6.4 5.1 15.2

85 57.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN061125.D (-3323) (-)

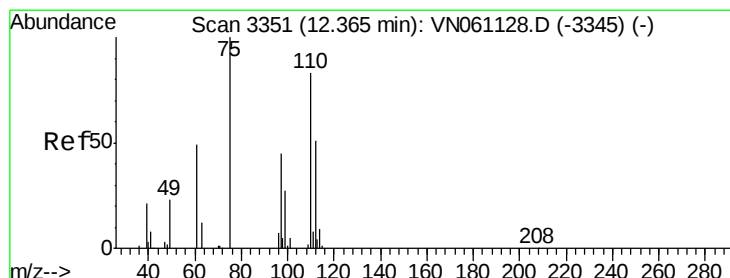
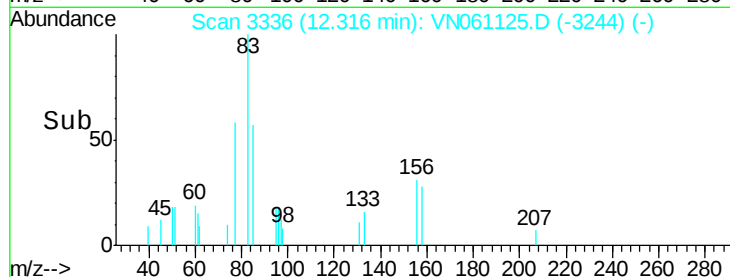
Ion 130.80 (130.50 to 131.50): VN061125.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN061125.D (-3323) (-)

12.32

12.35

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.392 ug/l

RT: 12.36 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN061125.D

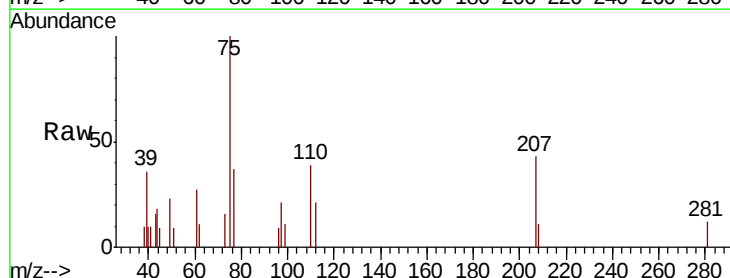
Acq: 22 Apr 2020 13:09

Tgt Ion: 75 Resp: 4481

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



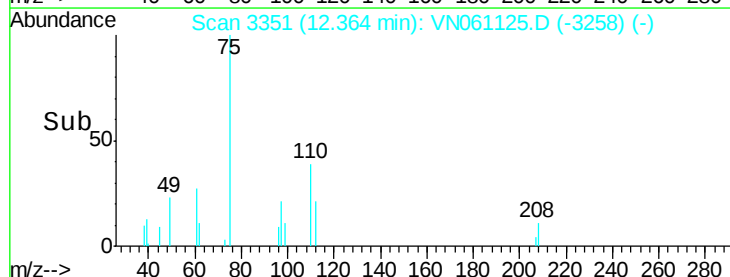
Abundance Ion 74.90 (74.60 to 75.60): VN061125.D (-3345) (-)

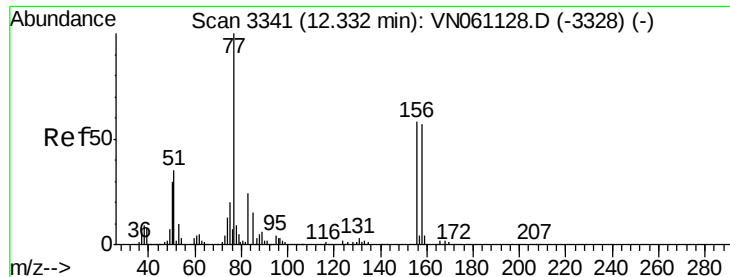
Ion 77.00 (76.70 to 77.70): VN061125.D (-3345) (-)

12.36

12.40

Time-->





#77

Bromobenzene

Concen: 0.979 ug/l

RT: 12.33 min Scan# 3341

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

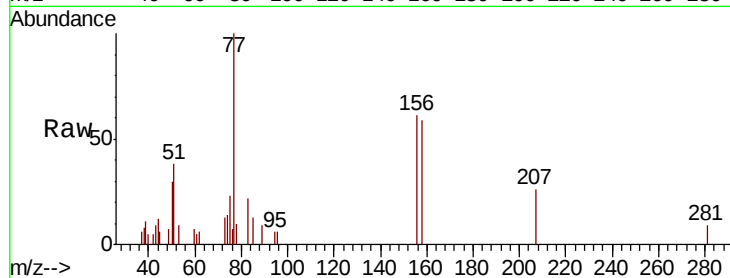
Tot Ion:156 Resp: 2649

Ion Ratio Lower Upper

156 100

77 221.7 105.7 317.1

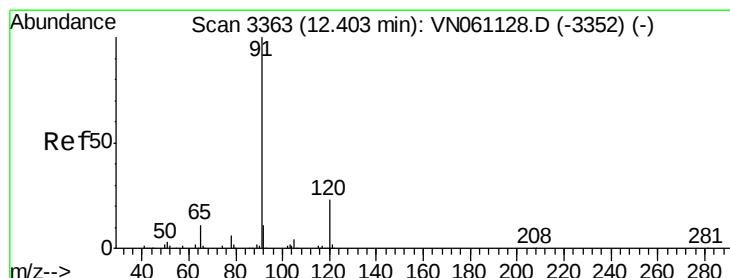
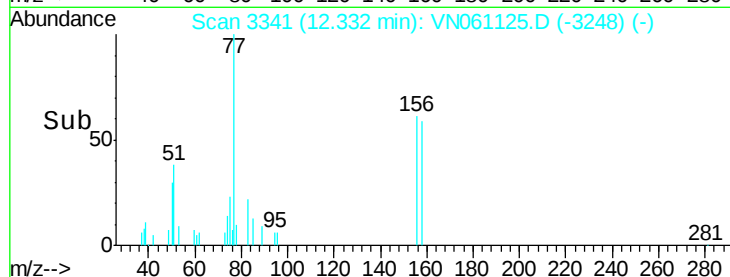
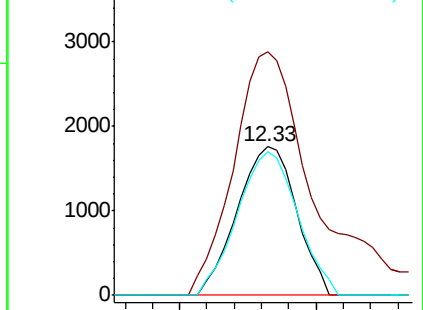
158 98.5 48.3 144.9



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



#78

n-propylbenzene

Concen: 0.952 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN061125.D

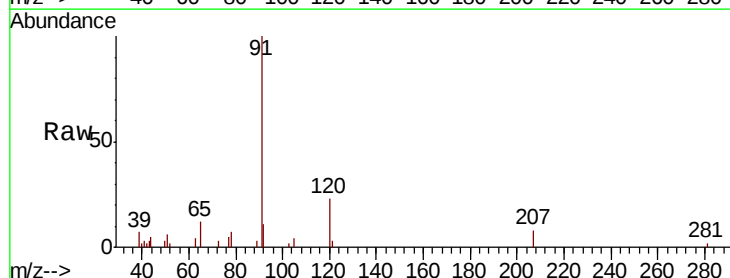
Acq: 22 Apr 2020 13:09

Tgt Ion: 91 Resp: 12755

Ion Ratio Lower Upper

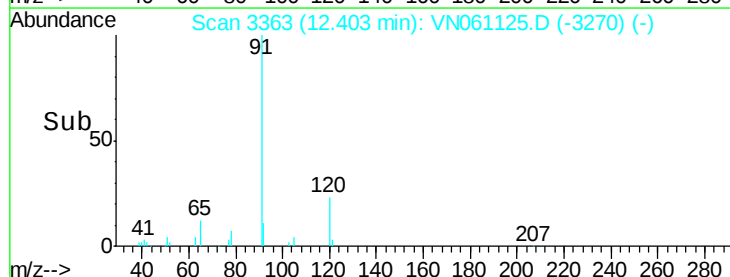
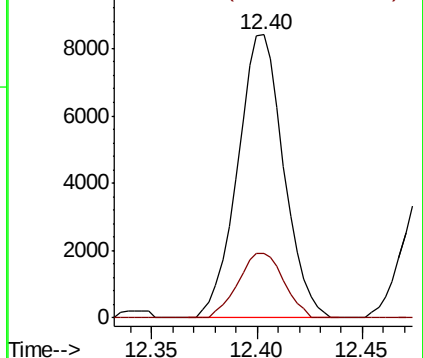
91 100

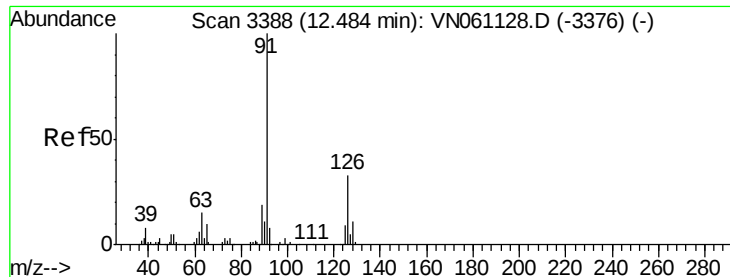
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.951 ug/l

RT: 12.48 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

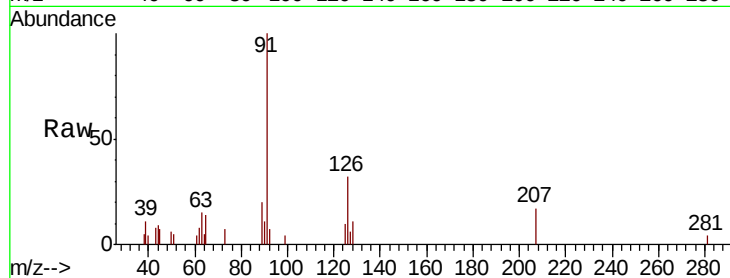
VSTDIC001

Tot Ion: 91 Resp: 7478

Ion Ratio Lower Upper

91 100

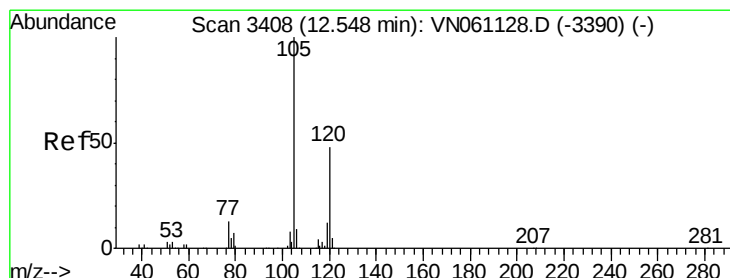
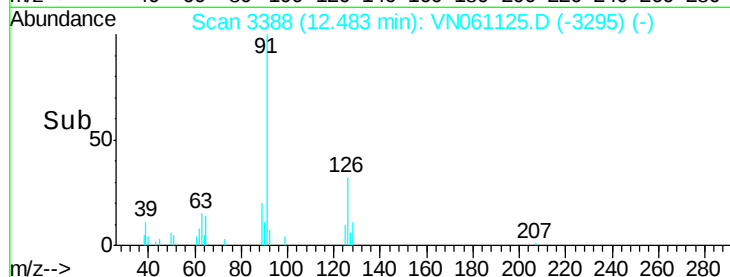
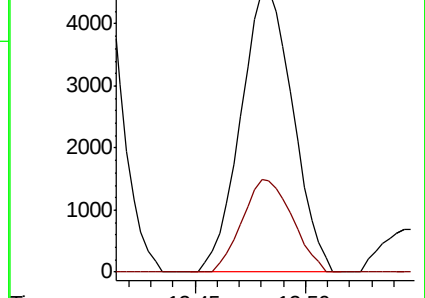
126 31.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN061125.D (-3295) (-)

Ion 125.90 (125.60 to 126.60): VN061125.D (-3295) (-)

12.48



#80

1,3,5-Trimethylbenzene

Concen: 0.971 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN061125.D

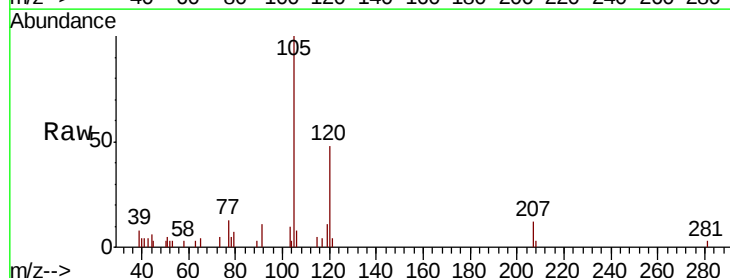
Acq: 22 Apr 2020 13:09

Tgt Ion: 105 Resp: 9215

Ion Ratio Lower Upper

105 100

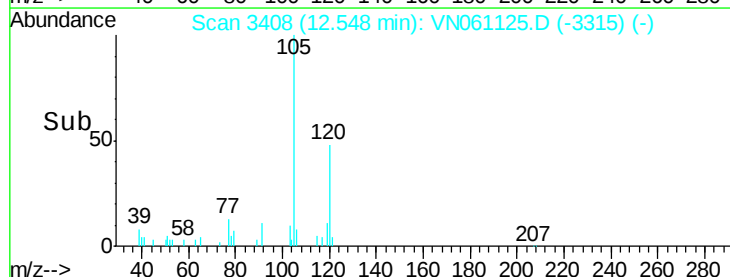
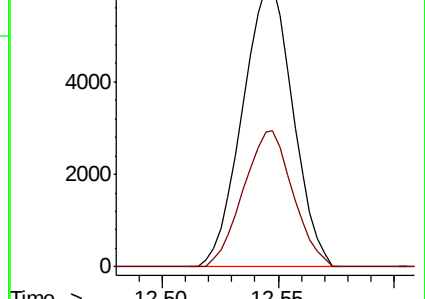
120 47.3 23.8 71.5

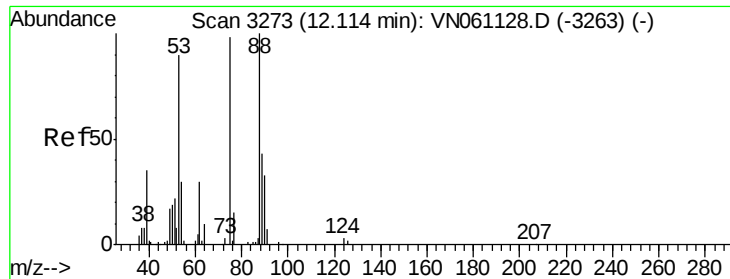


Abundance Ion 105.00 (104.70 to 105.70): VN061125.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN061125.D (-3315) (-)

12.55





#81

trans-1,4-Dichloro-2-butene

Concen: 0.974 ug/l

RT: 12.11 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

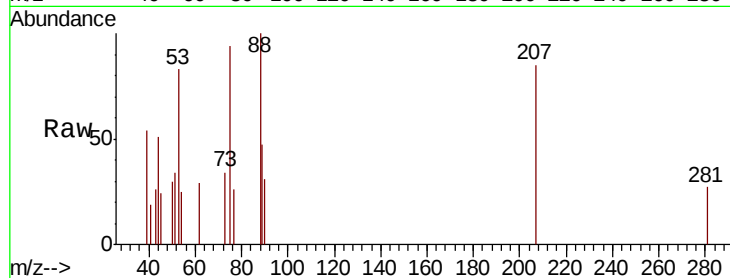
Tot Ion: 75 Resp: 1255

Ion Ratio Lower Upper

75 100

53 82.2 74.3 111.5

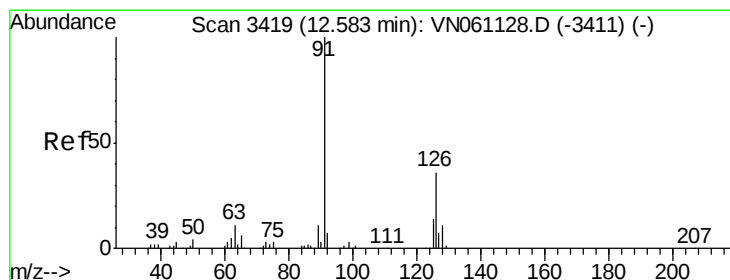
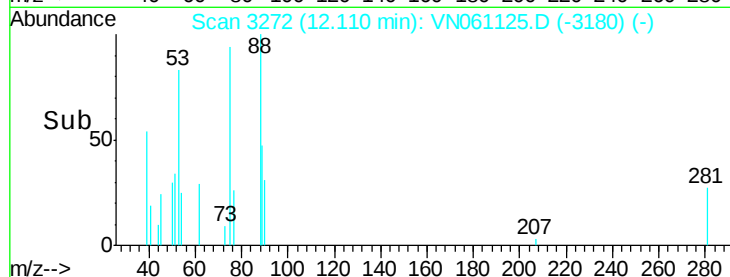
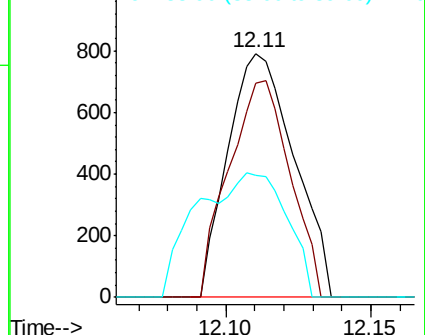
89 69.1 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.000 ug/l

RT: 12.58 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN061125.D

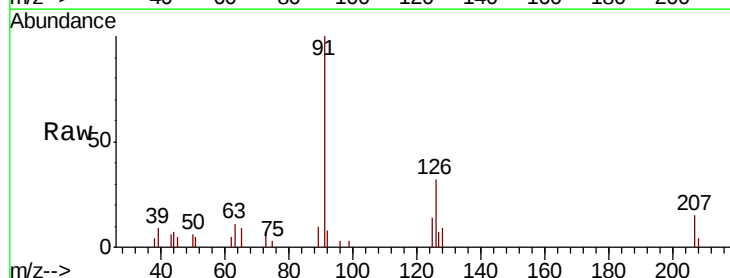
Acq: 22 Apr 2020 13:09

Tgt Ion: 91 Resp: 8153

Ion Ratio Lower Upper

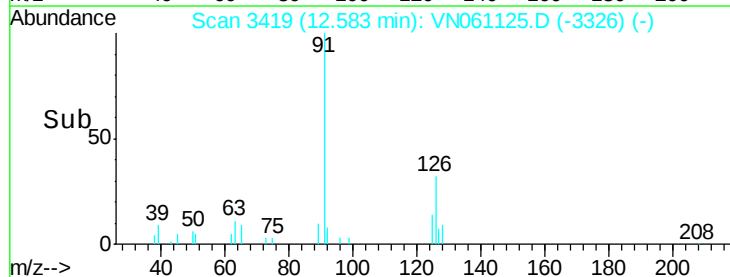
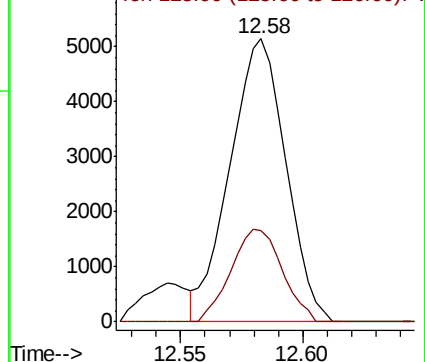
91 100

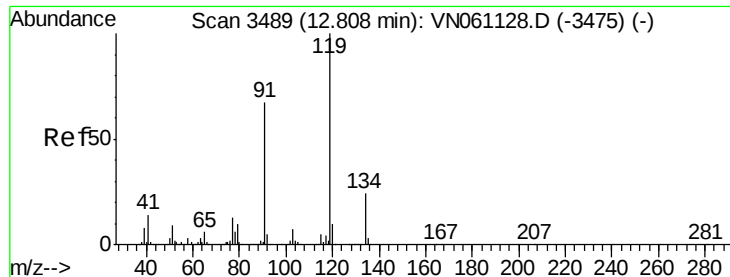
126 30.1 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.957 ug/l

RT: 12.80 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

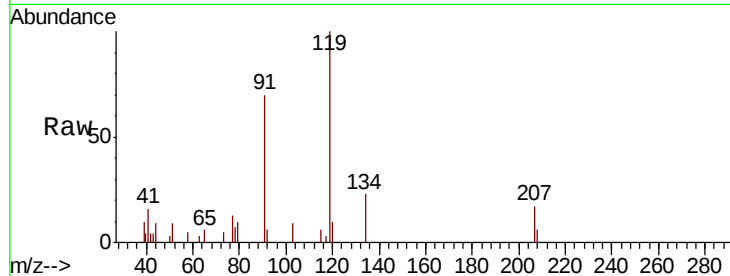
Tot Ion:119 Resp: 7671

Ion Ratio Lower Upper

119 100

91 66.8 32.8 98.4

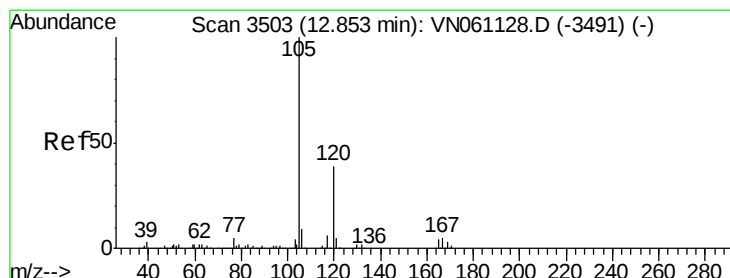
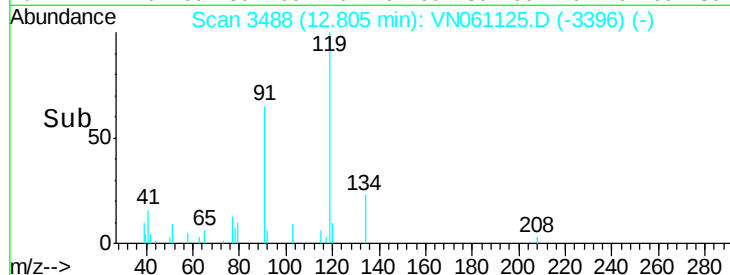
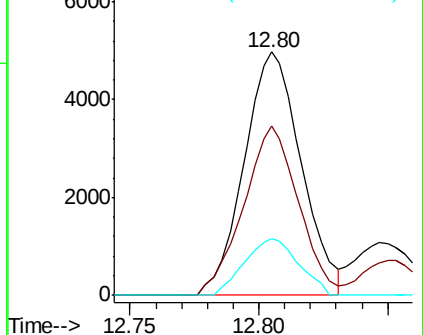
134 22.0 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.984 ug/l

RT: 12.85 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN061125.D

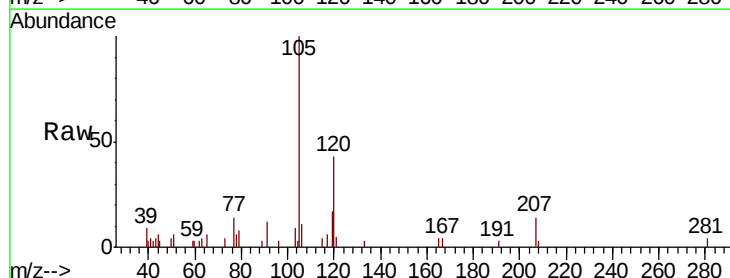
Acq: 22 Apr 2020 13:09

Tgt Ion:105 Resp: 9242

Ion Ratio Lower Upper

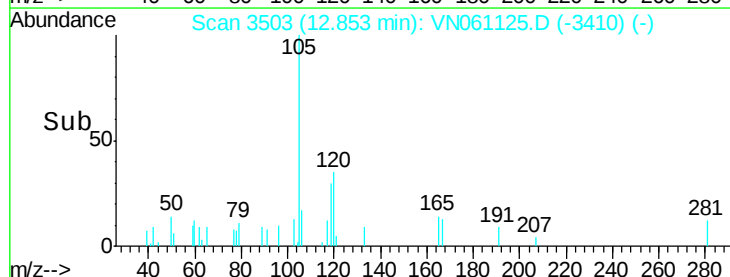
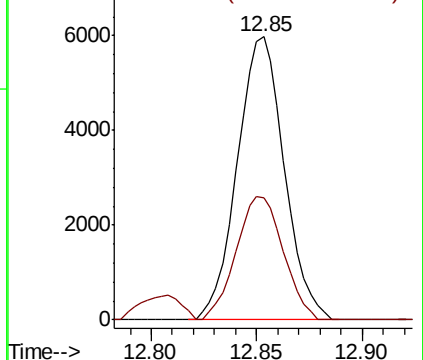
105 100

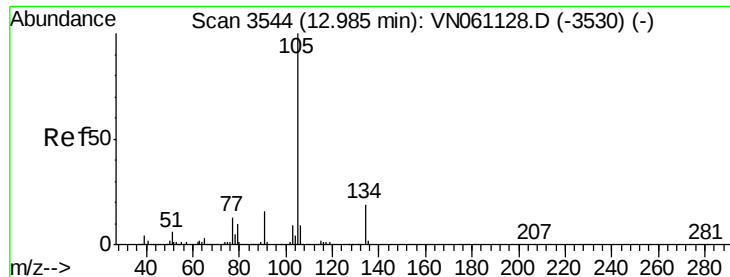
120 43.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.970 ug/l

RT: 12.98 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

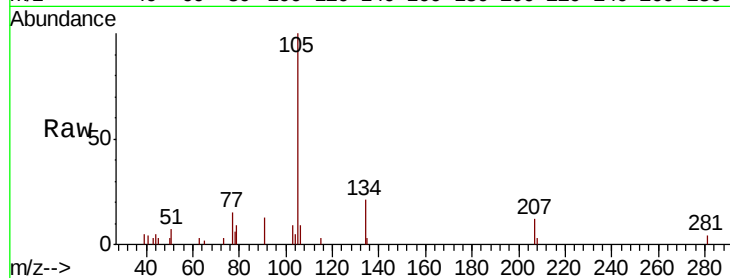
VSTDIC001

Tot Ion:105 Resp: 10496

Ion Ratio Lower Upper

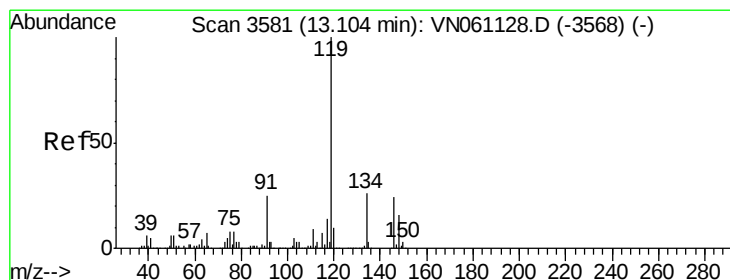
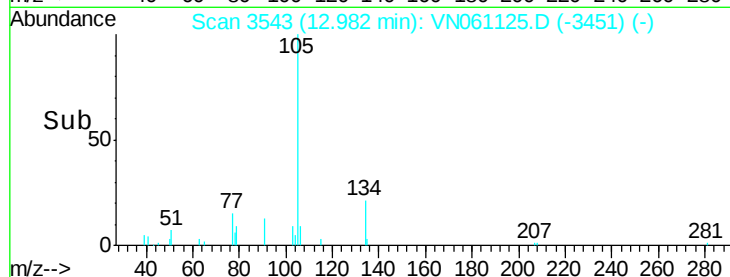
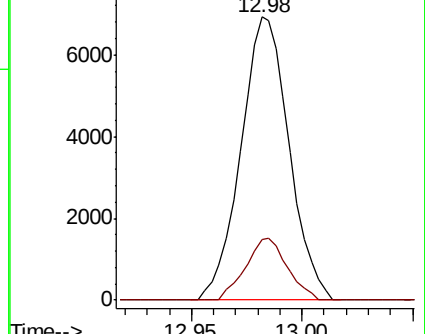
105 100

134 18.9 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: 0.962 ug/l

RT: 13.10 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

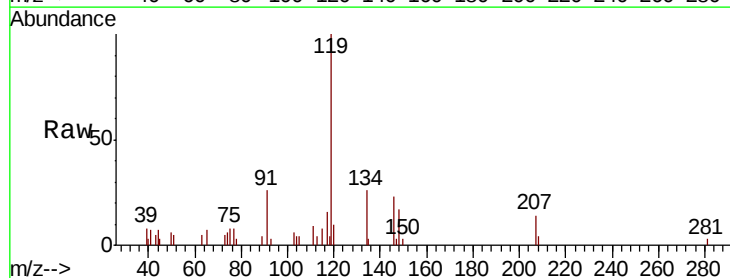
Tgt Ion:119 Resp: 9296

Ion Ratio Lower Upper

119 100

134 25.1 13.0 39.0

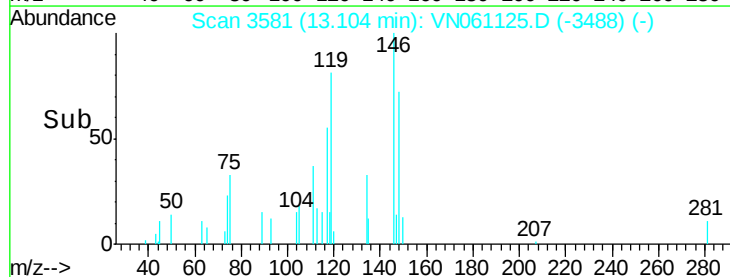
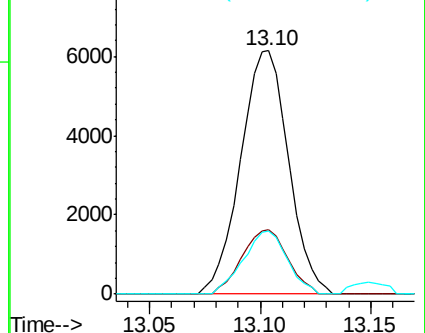
91 23.8 12.4 37.0

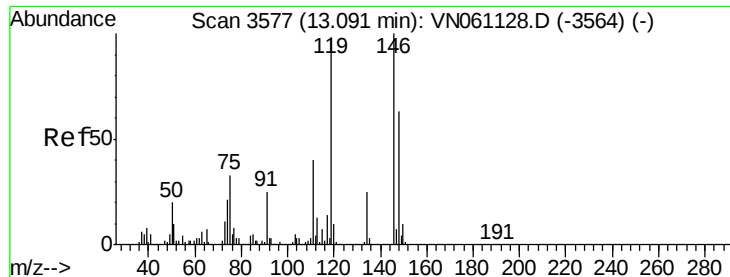


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

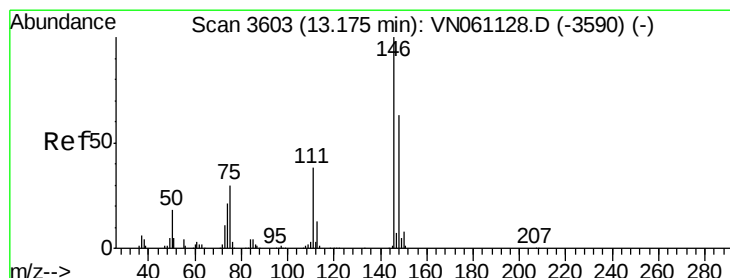
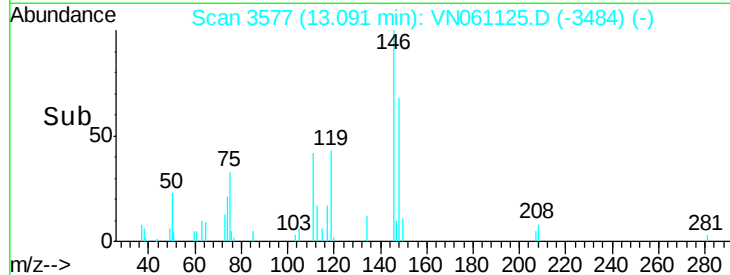
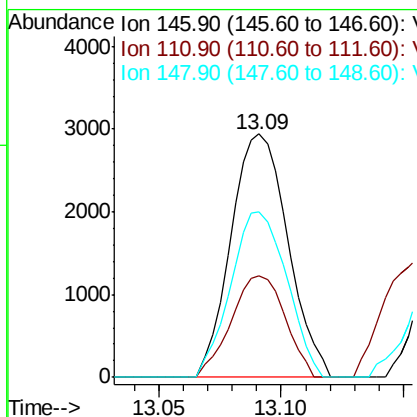
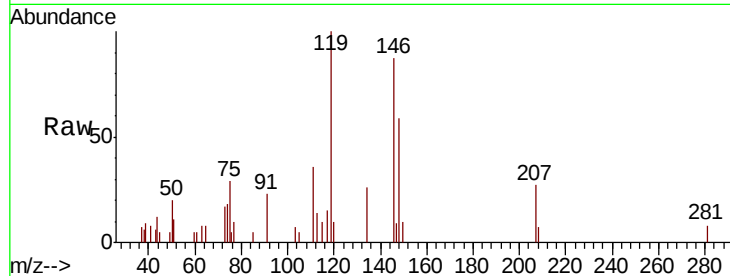




#87
 1,3-Dichlorobenzene
 Concen: 0.992 ug/l
 RT: 13.09 min Scan# 3577
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

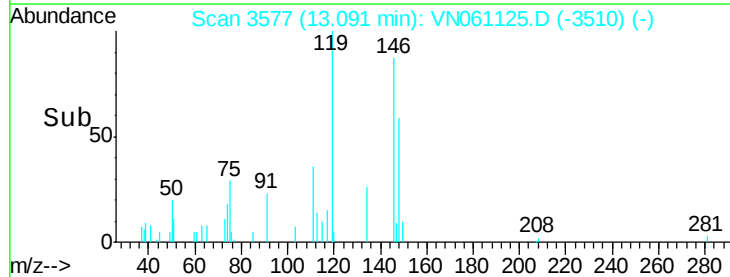
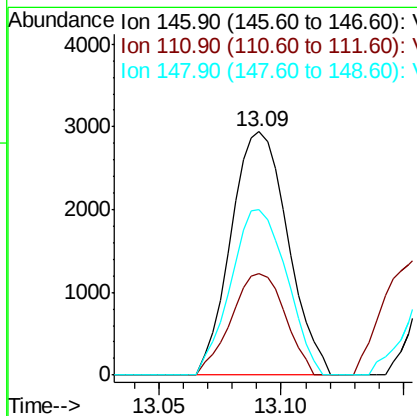
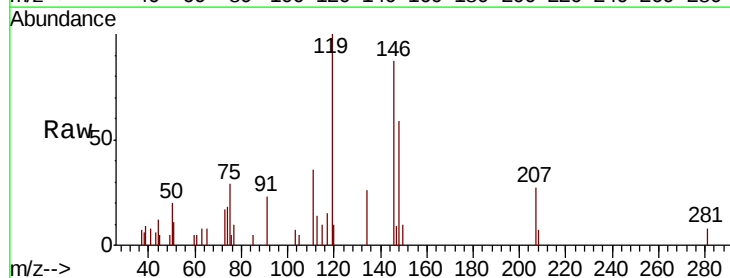
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

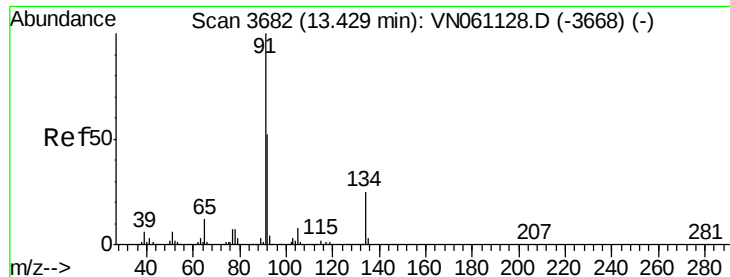
Tot Ion:146	Resp:	4758
Ion	Ratio	Lower Upper
146	100	
111	39.7	20.3 60.9
148	66.9	31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 0.983 ug/l
 RT: 13.09 min Scan# 3577
 Delta R.T. -0.08 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion:146	Resp:	4758
Ion	Ratio	Lower Upper
146	100	
111	39.7	19.7 59.1
148	66.9	31.8 95.3

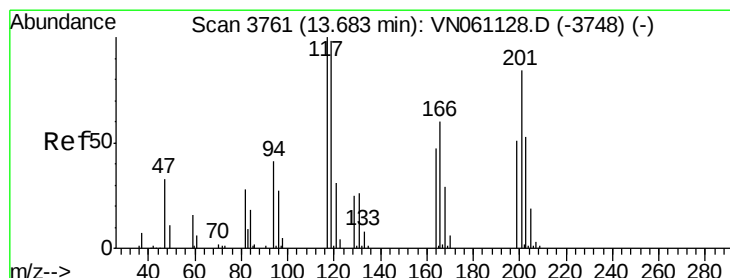
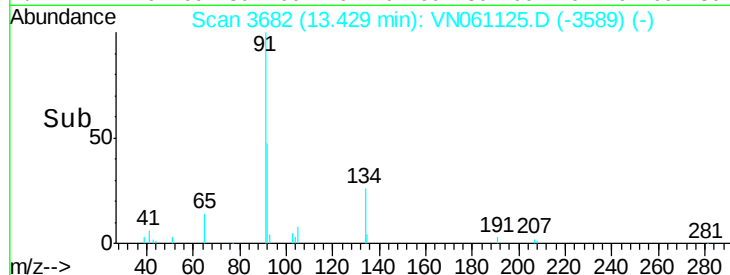
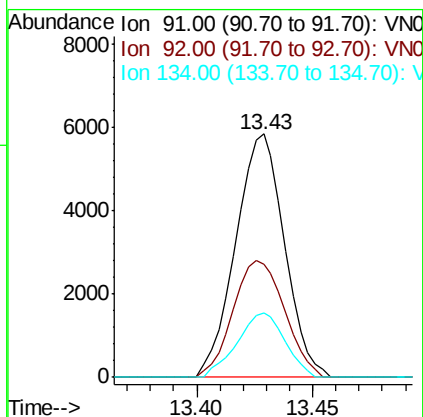
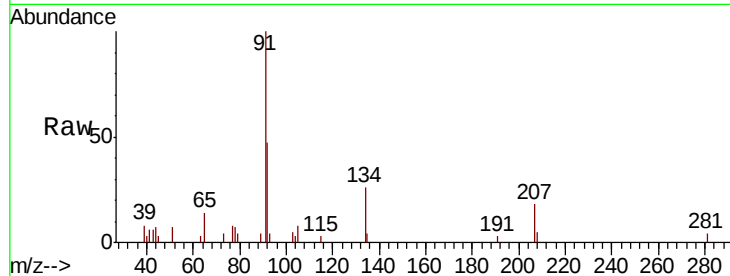




#89
n-Butylbenzene
Concen: 0.956 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

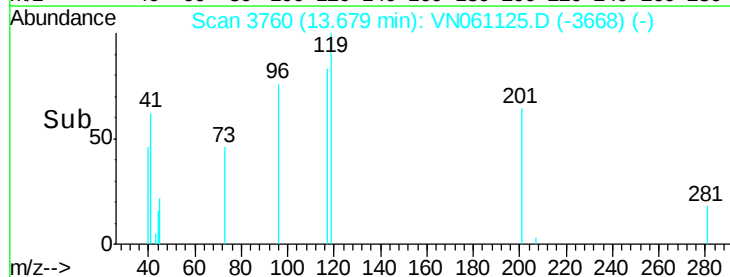
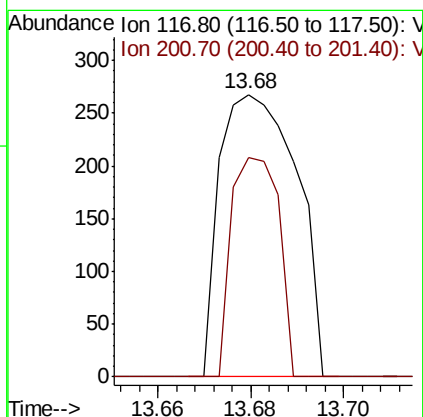
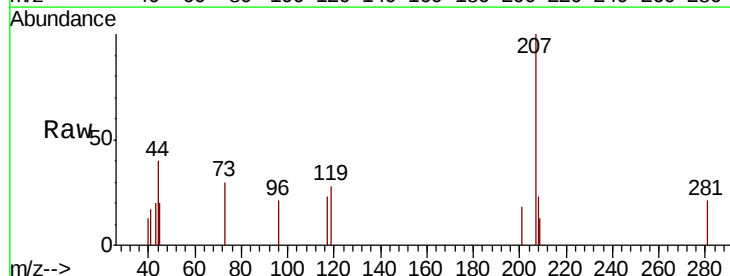
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

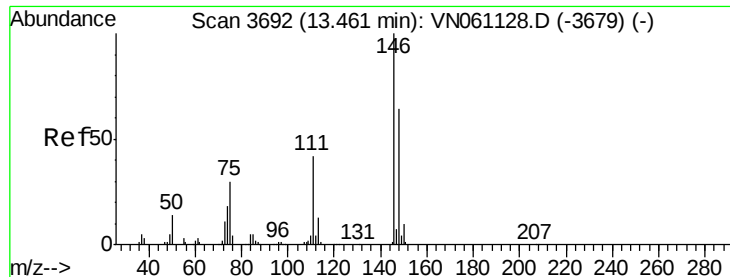
Tot Ion: 91 Resp: 8552
Ion Ratio Lower Upper
91 100
92 50.8 26.1 78.2
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 0.222 ug/l
RT: 13.68 min Scan# 3760
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 117 Resp: 308
Ion Ratio Lower Upper
117 100
201 48.1 41.4 124.4





#91

1,2-Dichlorobenzene

Concen: 0.942 ug/l

RT: 13.46 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

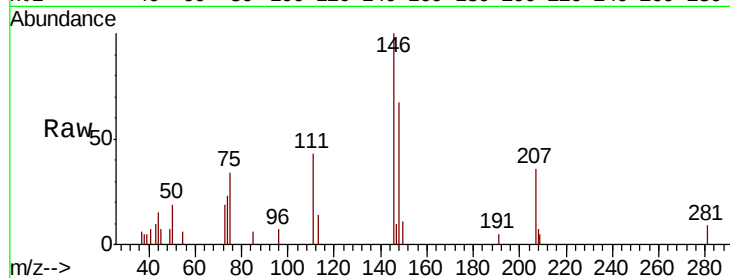
Tot Ion:146 Resp: 4306

Ion Ratio Lower Upper

146 100

111 42.8 20.8 62.2

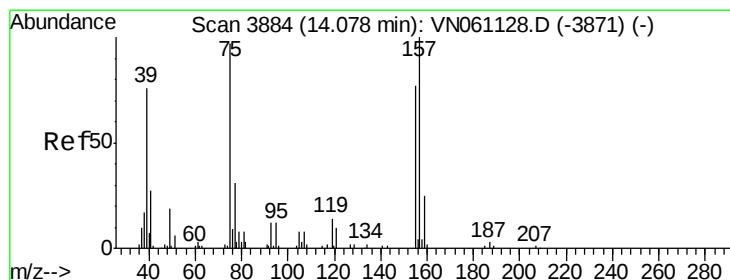
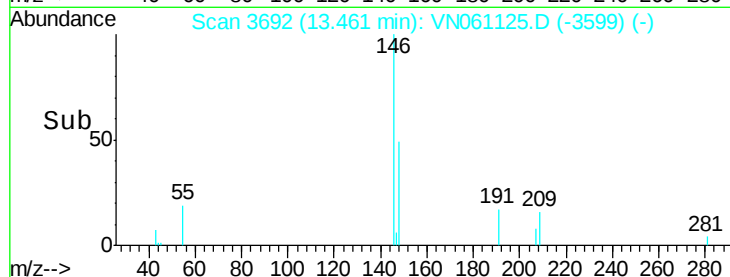
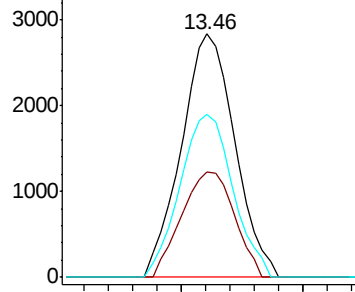
148 66.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.935 ug/l

RT: 14.07 min Scan# 3882

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

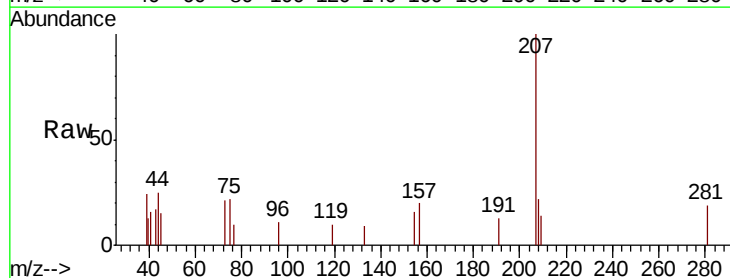
Tgt Ion: 75 Resp: 628

Ion Ratio Lower Upper

75 100

155 68.2 40.3 120.9

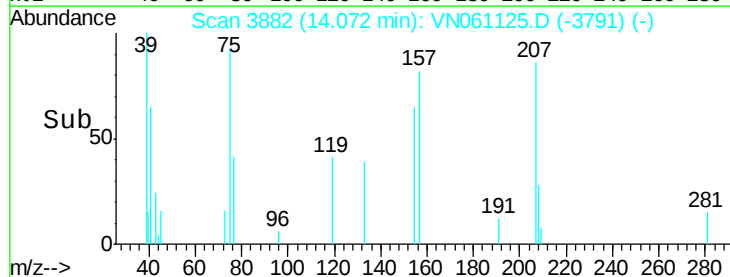
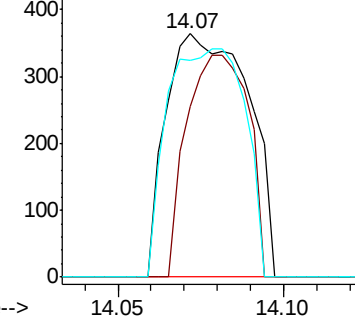
157 88.5 51.6 154.8

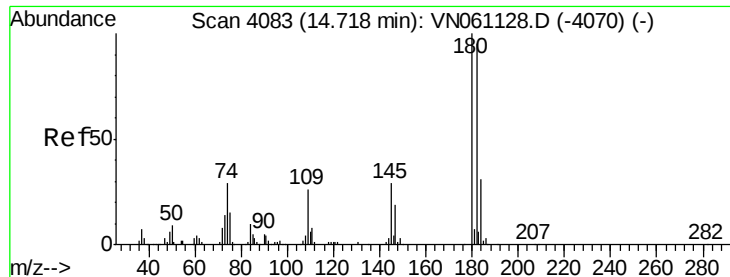


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 1.108 ug/l

RT: 14.71 min Scan# 4082

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

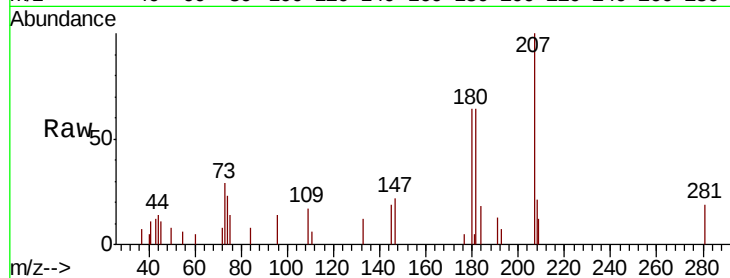
Tot Ion:180 Resp: 3024

Ion Ratio Lower Upper

180 100

182 99.9 47.9 143.7

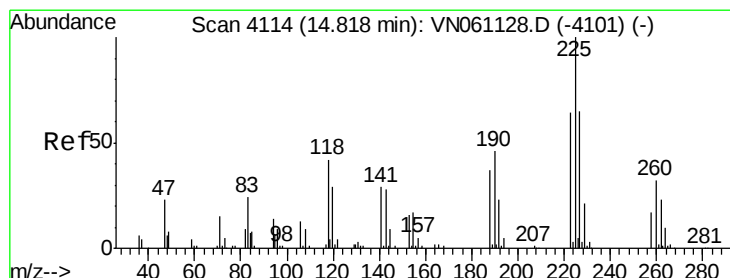
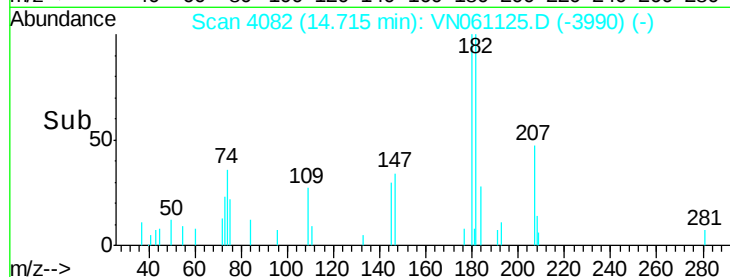
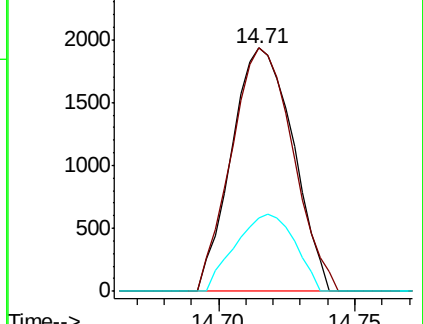
145 30.8 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 1.000 ug/l

RT: 14.82 min Scan# 4114

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

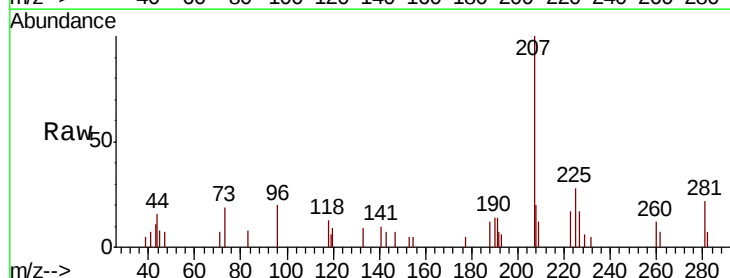
Tgt Ion:225 Resp: 1374

Ion Ratio Lower Upper

225 100

223 54.4 31.6 95.0

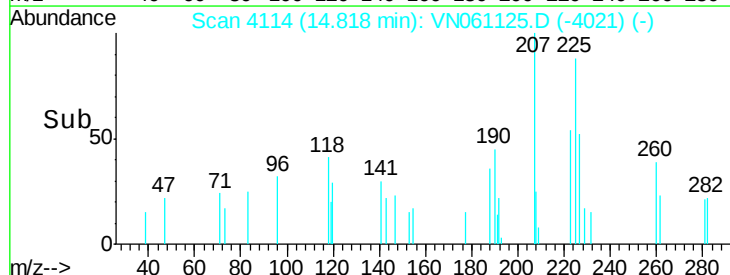
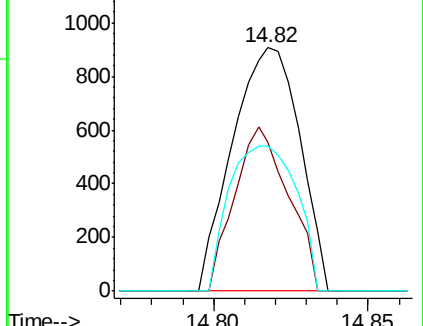
227 59.8 32.0 96.2

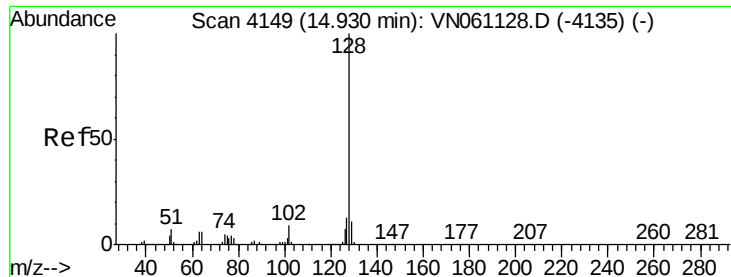


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.117 ug/l

RT: 14.93 min Scan# 4149

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

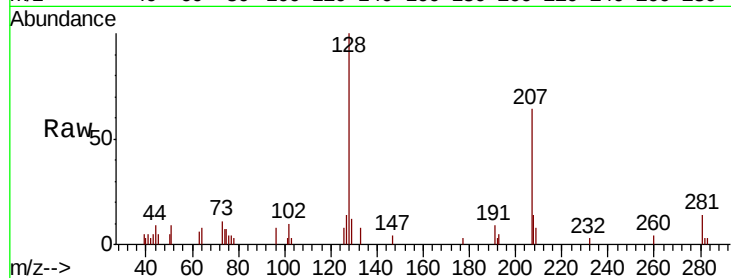
Tot Ion:128 Resp: 9012

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

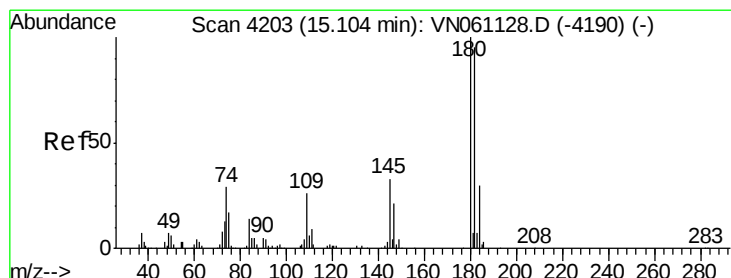
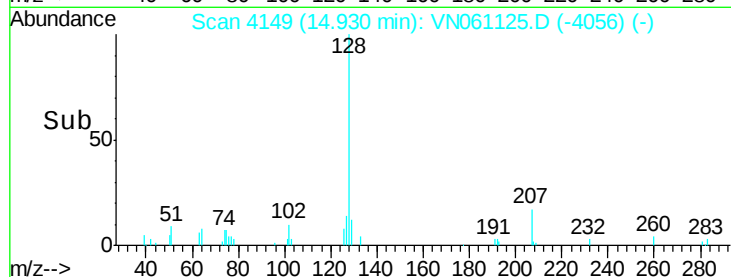
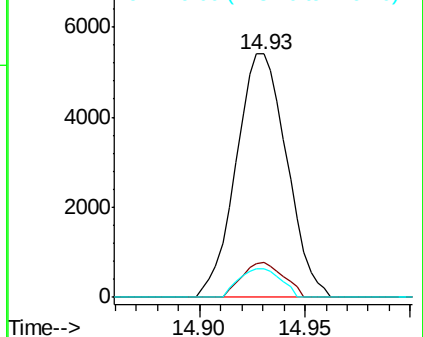
129 9.7 8.6 12.8



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: 1.090 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

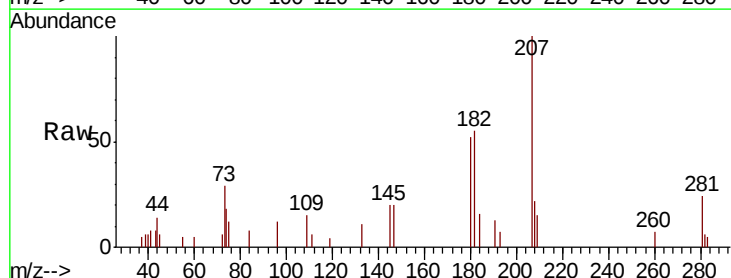
Tgt Ion:180 Resp: 2868

Ion Ratio Lower Upper

180 100

182 101.7 47.7 143.1

145 32.6 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

