

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061005.D
 Acq On : 16 Apr 2020 11:56
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 12:51:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	161261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	274107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	246269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110922	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	41782	19.34	ug/l	0.00
Spiked Amount			Recovery	=	38.68%	
35) Dibromofluoromethane	7.56	113	32529	19.94	ug/l	0.00
Spiked Amount			Recovery	=	39.88%	
50) Toluene-d8	10.08	98	118097	18.09	ug/l	0.00
Spiked Amount			Recovery	=	36.18%	
62) 4-Bromofluorobenzene	12.39	95	46096	18.95	ug/l	0.00
Spiked Amount			Recovery	=	37.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	42276	25.555	ug/l	97
3) Chloromethane	2.04	50	59411	20.344	ug/l	98
4) Vinyl Chloride	2.17	62	49281	21.419	ug/l	97
5) Bromomethane	2.55	94	24481	23.868	ug/l	99
6) Chloroethane	2.69	64	28549	21.536	ug/l	99
7) Trichlorofluoromethane	3.00	101	61580	21.654	ug/l	100
8) Diethyl Ether	3.38	74	24007	21.108	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34688	21.170	ug/l	99
10) Methyl Iodide	3.93	142	28871	19.594	ug/l	99
11) Tert butyl alcohol	4.72	59	36177	108.467	ug/l	99
12) 1,1-Dichloroethene	3.72	96	35936	20.527	ug/l	97
13) Acrolein	3.57	56	29019	83.543	ug/l	99
14) Allyl chloride	4.29	41	70854	22.743	ug/l	93
15) Acrylonitrile	4.94	53	103195	106.758	ug/l	99
16) Acetone	3.78	43	96994	119.125	ug/l	99
17) Carbon Disulfide	4.03	76	112079	20.994	ug/l	98
18) Methyl Acetate	4.28	43	59148	25.458	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	122558	20.296	ug/l	99
20) Methylene Chloride	4.52	84	39834	20.567	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	38569	20.674	ug/l	97
22) Diisopropyl ether	5.91	45	140921	21.518	ug/l	98
23) Vinyl Acetate	5.86	43	550476	103.595	ug/l	100
24) 1,1-Dichloroethane	5.81	63	75848	21.253	ug/l	99
25) 2-Butanone	6.80	43	141550	109.325	ug/l	99
26) 2,2-Dichloropropane	6.79	77	63544	22.283	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	43849	20.627	ug/l	99
28) Bromochloromethane	7.17	49	36107	21.257	ug/l	99
29) Tetrahydrofuran	7.17	42	96834	106.623	ug/l	99
30) Chloroform	7.34	83	70944	20.794	ug/l	99
31) Cyclohexane	7.63	56	74949	20.731	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	60680	20.710	ug/l	99
36) 1,1-Dichloropropene	7.77	75	55614	20.789	ug/l	99
37) Ethyl Acetate	6.89	43	62009	21.343	ug/l	100
38) Carbon Tetrachloride	7.75	117	46969	19.712	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65768	20.607	ug/l	97
40) Benzene	8.02	78	167261	20.735	ug/l	99
41) Methacrylonitrile	7.17	41	86079	69.347	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	58625	21.242	ug/l	99
43) Isopropyl Acetate	8.14	43	100034	20.937	ug/l	100
44) Trichloroethene	8.81	130	41472	20.492	ug/l	100
45) 1,2-Dichloropropane	9.10	63	45500	21.335	ug/l	97
46) Dibromomethane	9.19	93	26660	20.778	ug/l	99
47) Bromodichloromethane	9.38	83	55142	20.607	ug/l	98
48) Methyl methacrylate	9.18	41	43516	20.411	ug/l	98
49) 1,4-Dioxane	9.17	88	11586	451.278	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	290844	106.784	ug/l	99
52) Toluene	10.14	92	98814	20.304	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	64449	20.953	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	69821	20.643	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	38699	20.671	ug/l	98
56) Ethyl methacrylate	10.42	69	60336	20.647	ug/l	99
57) 1,3-Dichloropropane	10.70	76	68817	21.141	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	137876	98.895	ug/l	99
59) 2-Hexanone	10.74	43	208554	106.334	ug/l	100
60) Dibromochloromethane	10.89	129	39024	20.247	ug/l	99
61) 1,2-Dibromoethane	10.99	107	39230	20.908	ug/l	99
64) Tetrachloroethene	10.62	164	37769	19.589	ug/l	97
65) Chlorobenzene	11.42	112	100711	20.509	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	36674	20.658	ug/l	99
67) Ethyl Benzene	11.50	91	188449	20.635	ug/l	99
68) m/p-Xylenes	11.61	106	137213	40.594	ug/l	99
69) o-Xylene	11.94	106	66215	20.526	ug/l	99
70) Styrene	11.96	104	106893	20.238	ug/l	99
71) Bromoform	12.12	173	27393	20.704	ug/l #	99
73) Isopropylbenzene	12.24	105	177402	21.190	ug/l	100
74) N-amyl acetate	12.06	43	82663	21.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55985	21.999	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	75227	31.316	ug/l #	100
77) Bromobenzene	12.52	156	41870	20.834	ug/l	98
78) n-propylbenzene	12.58	91	209653	21.128	ug/l	100
79) 2-Chlorotoluene	12.67	91	122540	20.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	148198	20.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19105	20.320	ug/l	99
82) 4-Chlorotoluene	12.77	91	127006	21.067	ug/l	100
83) tert-Butylbenzene	12.99	119	124028	21.039	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	148563	21.137	ug/l	99
85) sec-Butylbenzene	13.17	105	166914	21.005	ug/l	100
86) p-Isopropyltoluene	13.28	119	149179	20.897	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	73659	20.706	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	73788	20.675	ug/l	98
89) n-Butylbenzene	13.61	91	135696	20.950	ug/l	100
90) Hexachloroethane	13.87	117	22555	21.670	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	70581	20.810	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10783	18.911	ug/l	98

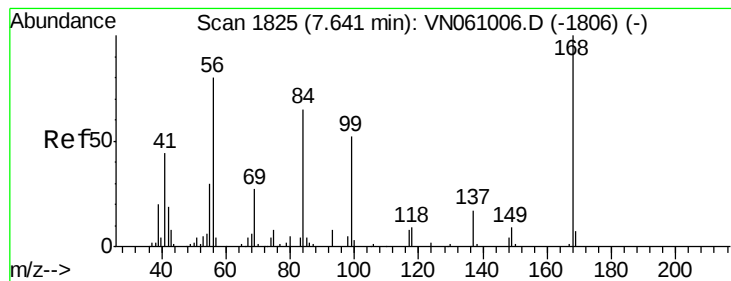
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	42942	20.629	ug/l	98
94) Hexachlorobutadiene	15.00	225	20999	20.407	ug/l	100
95) Naphthalene	15.13	128	125769	20.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	41030	20.007	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

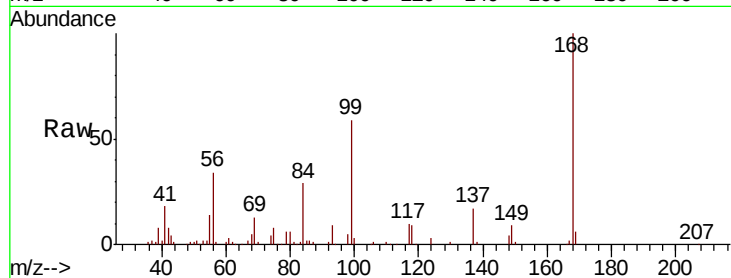
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 161261

Ion Ratio Lower Upper

168 100

99 58.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

60000

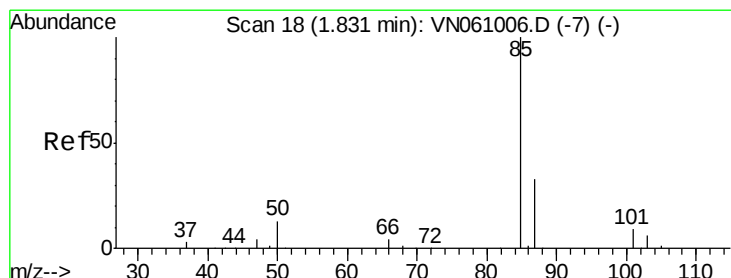
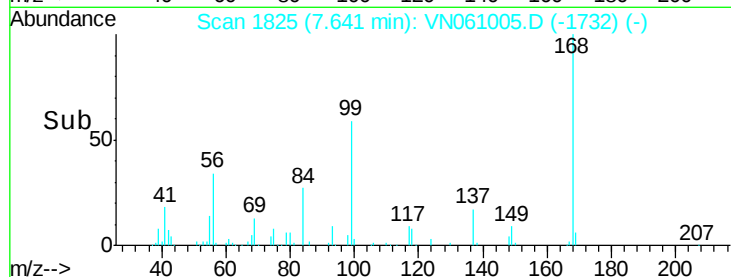
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 25.555 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061005.D

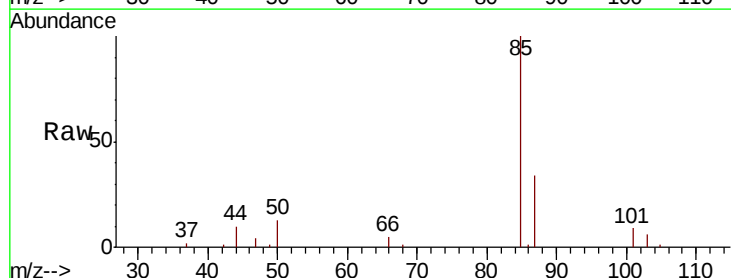
Acq: 16 Apr 2020 11:56

Tgt Ion: 85 Resp: 42276

Ion Ratio Lower Upper

85 100

87 34.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

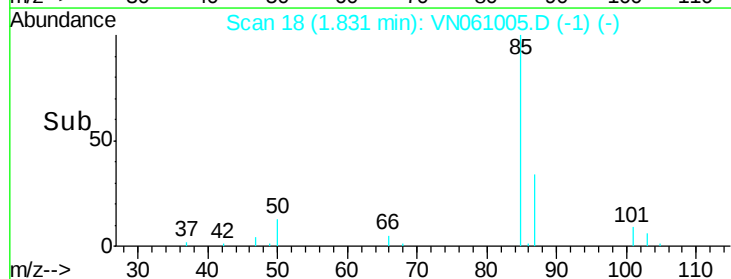
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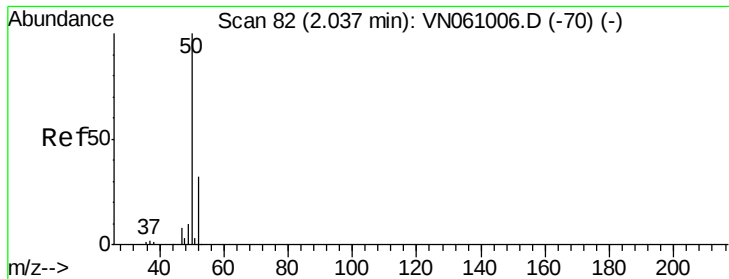
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.344 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

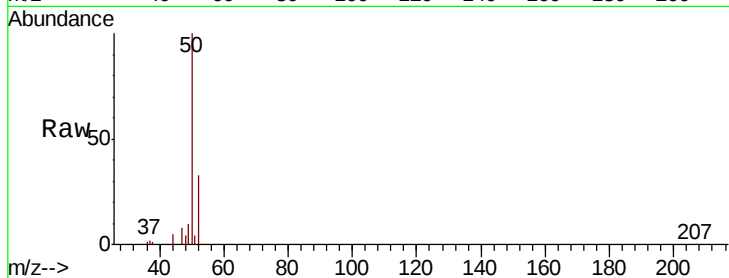
ClientSampleId :

Tot Ion: 50 Resp: 59411

Ion Ratio Lower Upper

50 100

52 33.1 25.6 38.4

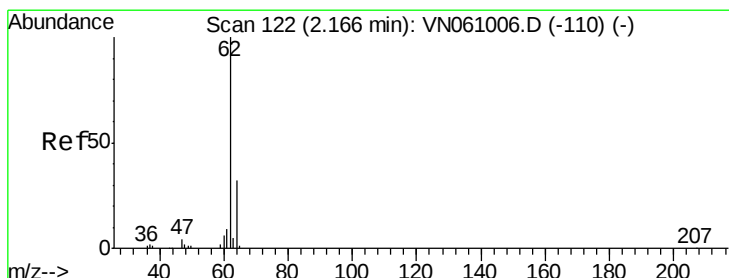
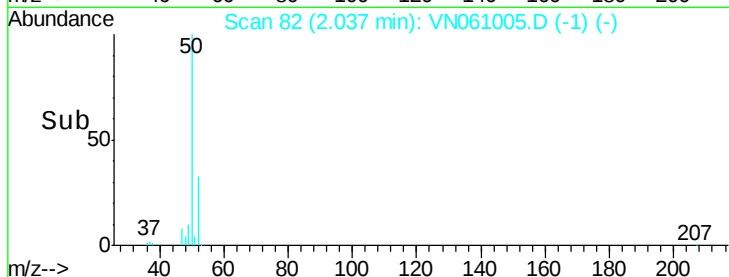


Abundance Ion 49.90 (49.60 to 50.60): VN061005.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061005.D (-1) (-)

2.04

Time-->



#4

Vinyl Chloride

Concen: 21.419 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN061005.D

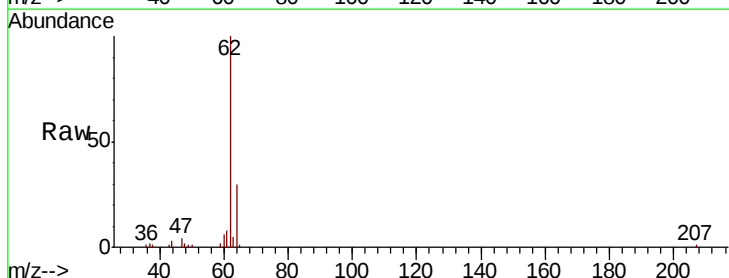
Acq: 16 Apr 2020 11:56

Tgt Ion: 62 Resp: 49281

Ion Ratio Lower Upper

62 100

64 30.1 25.4 38.0

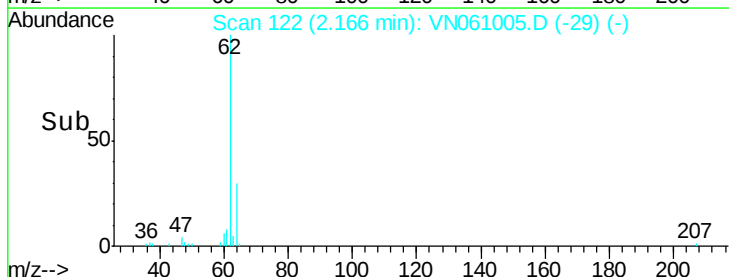


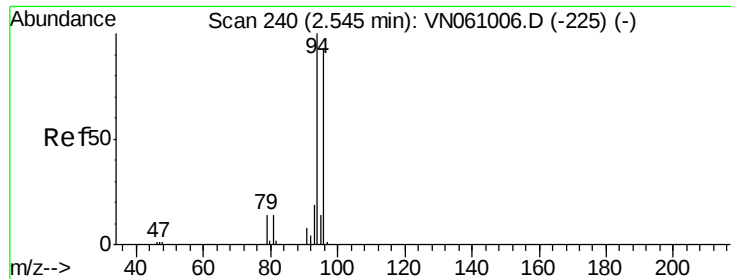
Abundance Ion 61.90 (61.60 to 62.60): VN061005.D (-29) (-)

Ion 63.90 (63.60 to 64.60): VN061005.D (-29) (-)

2.17

Time-->

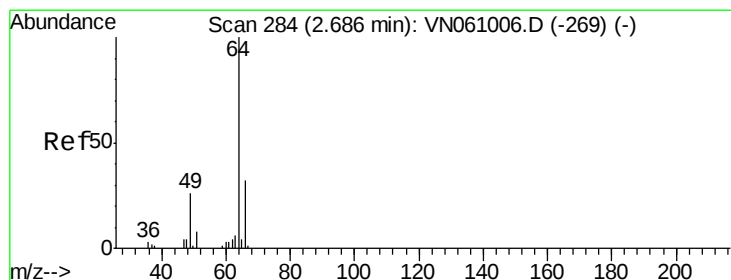
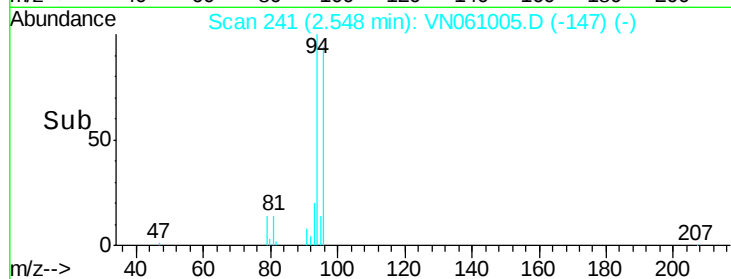
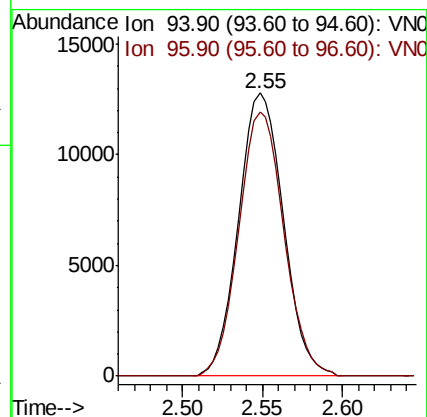
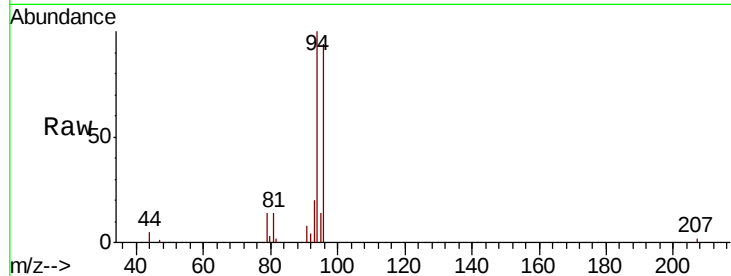




#5
Bromomethane
Concen: 23.868 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

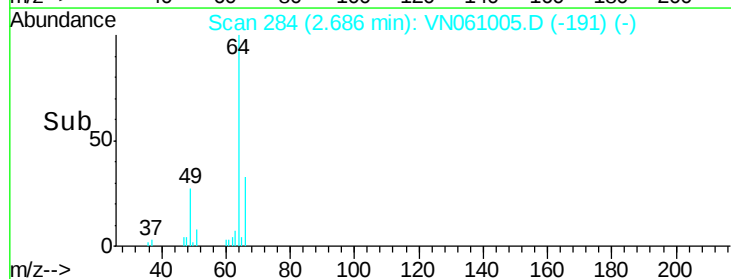
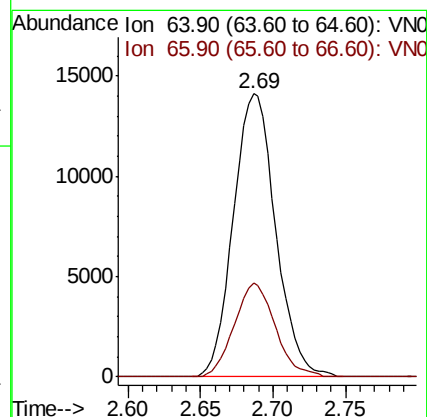
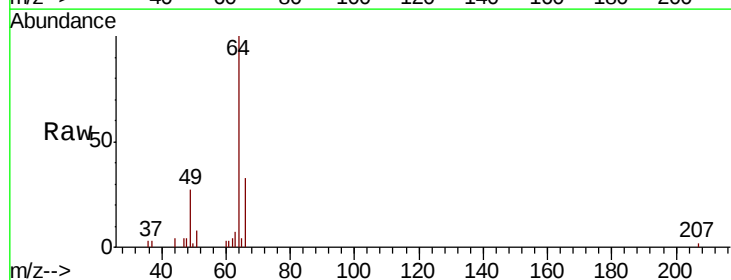
Instrument :
MSVOA_N
ClientSampled :

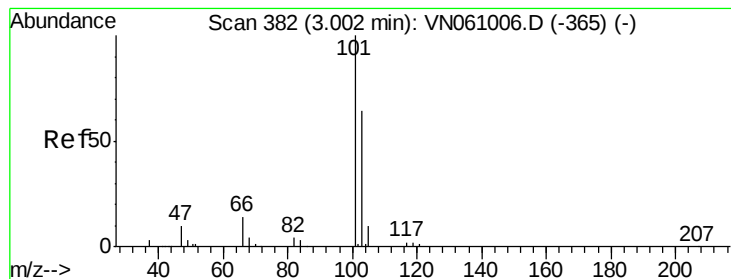
Tot Ion: 94 Resp: 24481
Ion Ratio Lower Upper
94 100
96 93.6 74.3 111.5



#6
Chloroethane
Concen: 21.536 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 64 Resp: 28549
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.8



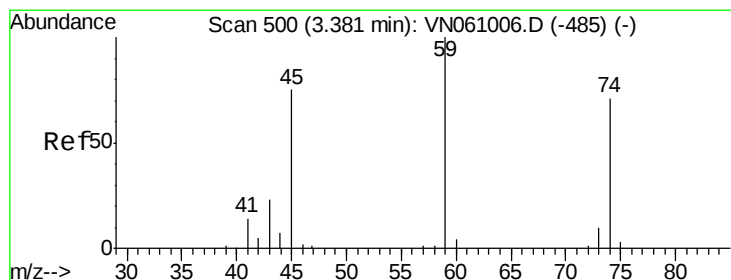
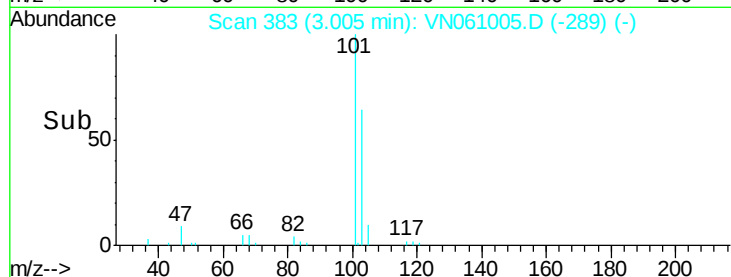
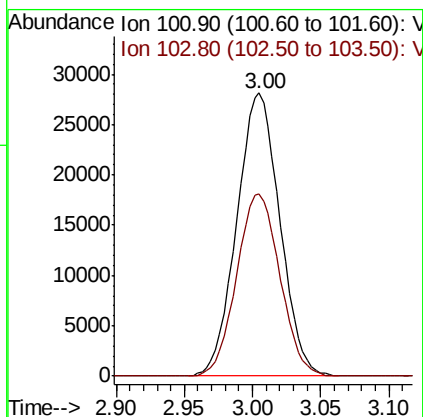
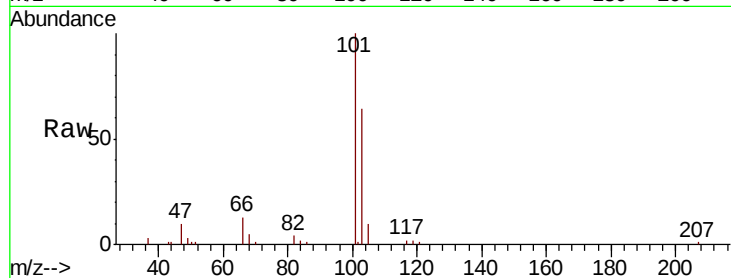


#7

Trichlorofluoromethane
Concen: 21.654 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampled :

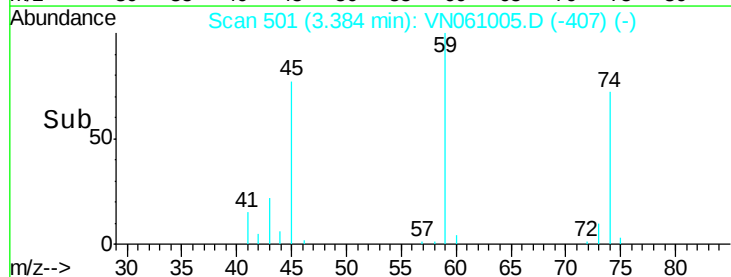
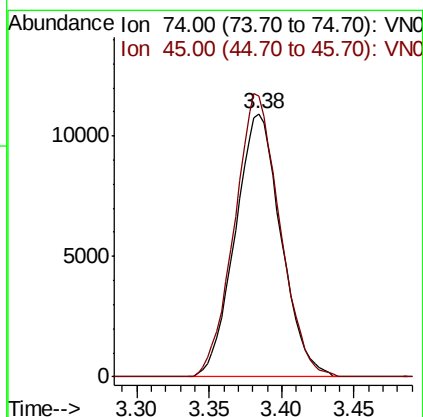
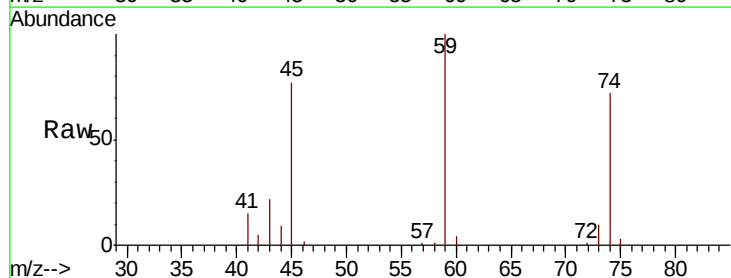
Tot Ion:101 Resp: 61580
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

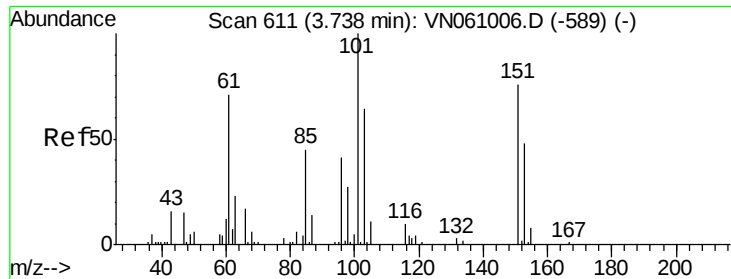


#8

Diethyl Ether
Concen: 21.108 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 74 Resp: 24007
Ion Ratio Lower Upper
74 100
45 106.6 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.170 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

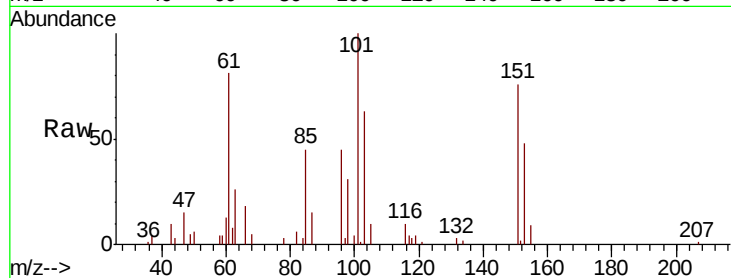
Tot Ion:101 Resp: 34688

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

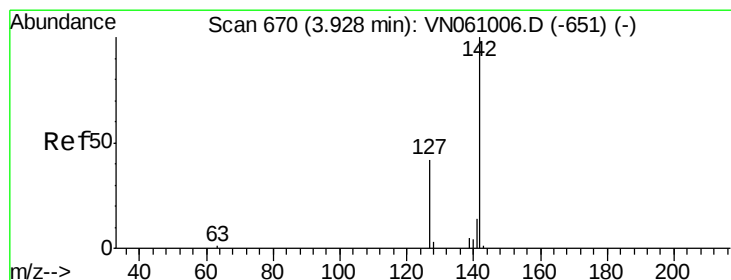
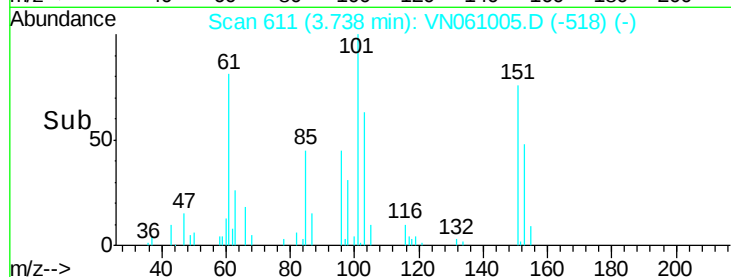
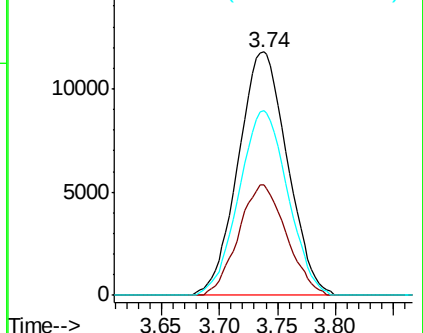
151 75.5 60.8 91.2



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: 19.594 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

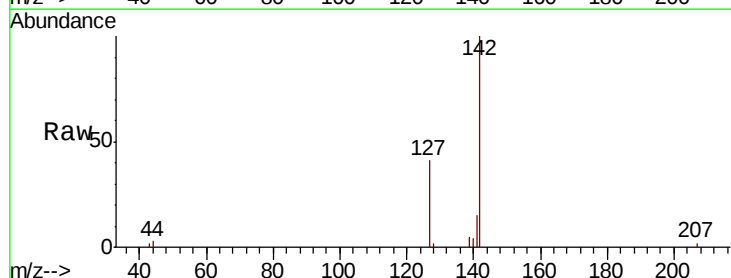
Tgt Ion:142 Resp: 28871

Ion Ratio Lower Upper

142 100

127 41.0 33.4 50.2

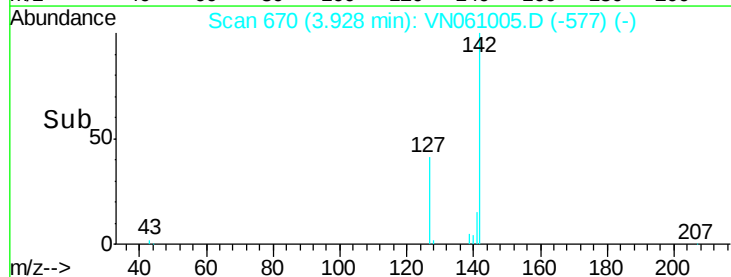
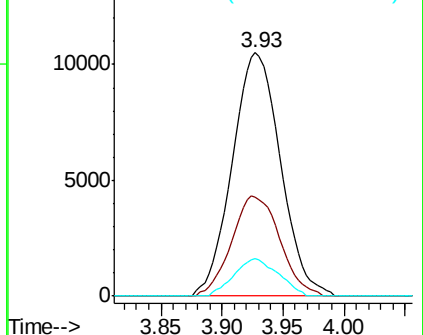
141 14.1 11.0 16.6

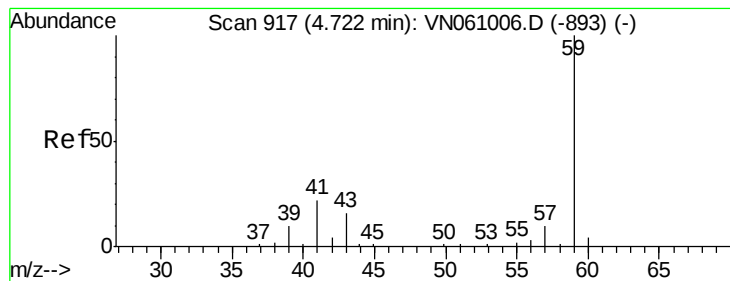


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



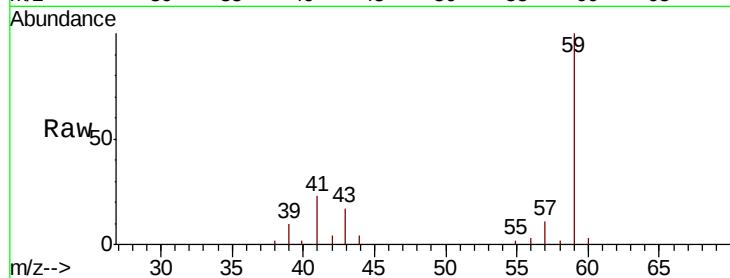


#11

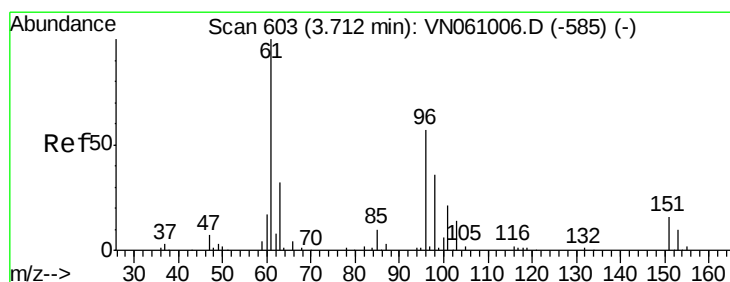
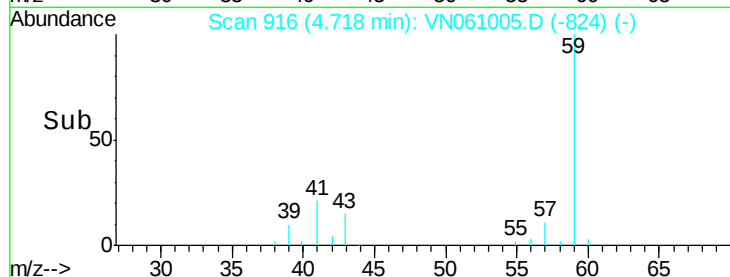
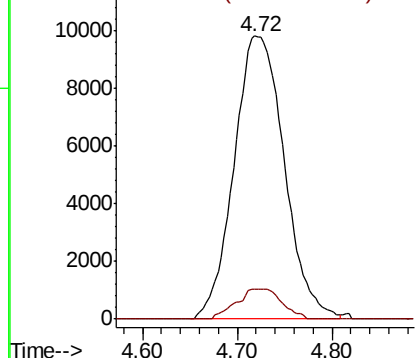
Tert butyl alcohol
 Concen: 108.467 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 59 Resp: 36177
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.1 12.1



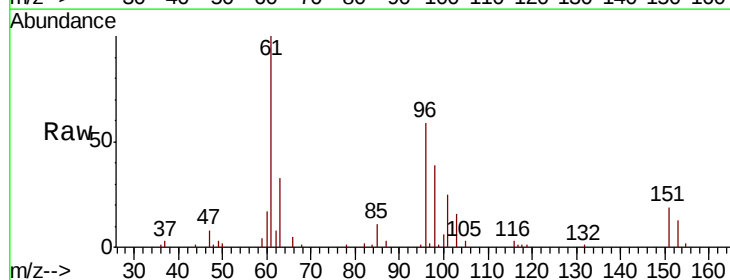
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



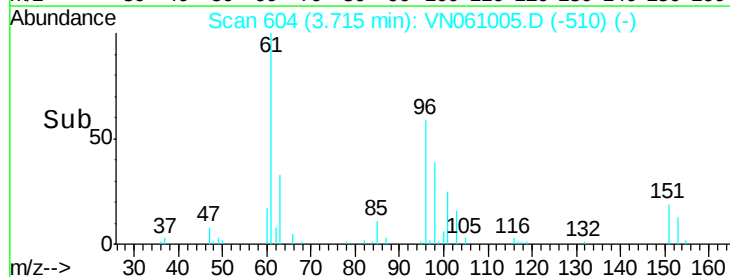
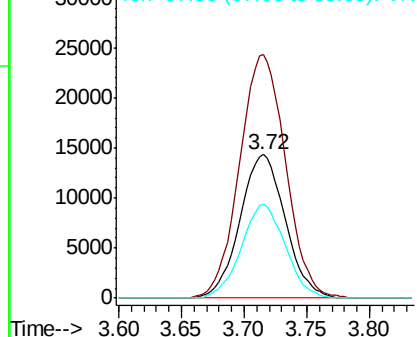
#12

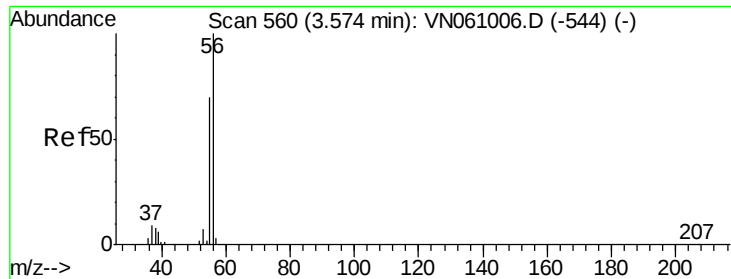
1,1-Dichloroethene
 Concen: 20.527 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 96 Resp: 35936
 Ion Ratio Lower Upper
 96 100
 61 169.4 139.2 208.8
 98 65.4 50.0 75.0



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





#13

Acrolein

Concen: 83.543 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

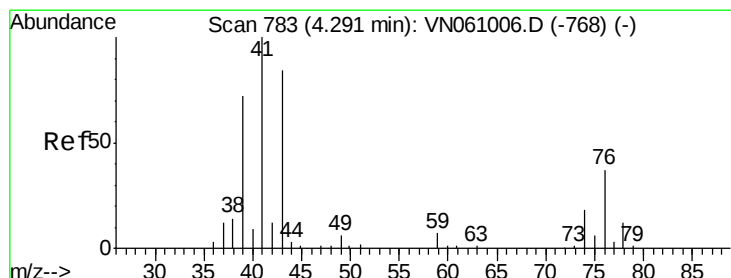
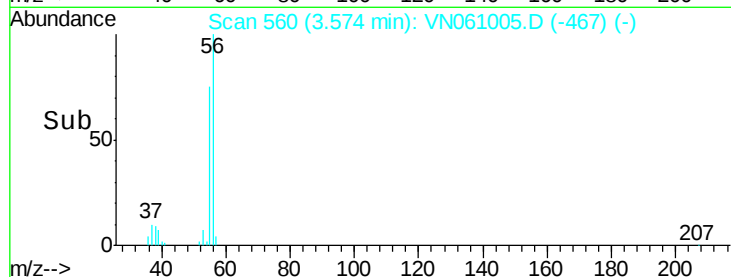
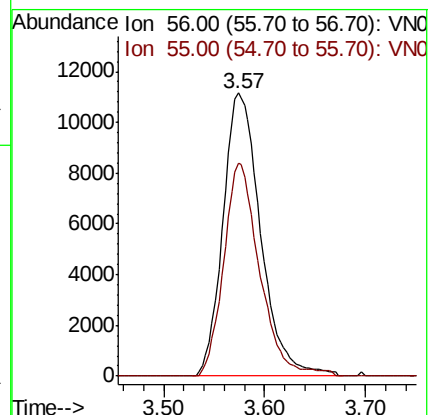
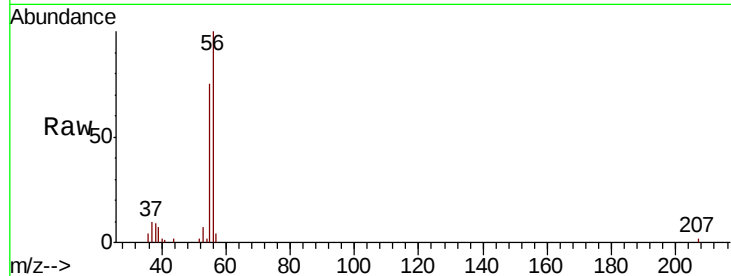
ClientSampleId :

Tot Ion: 56 Resp: 29019

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.6



#14

Allyl chloride

Concen: 22.743 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

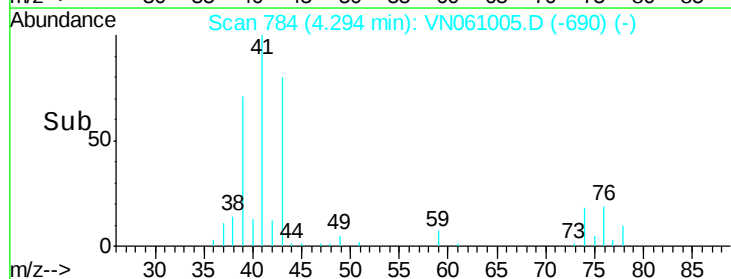
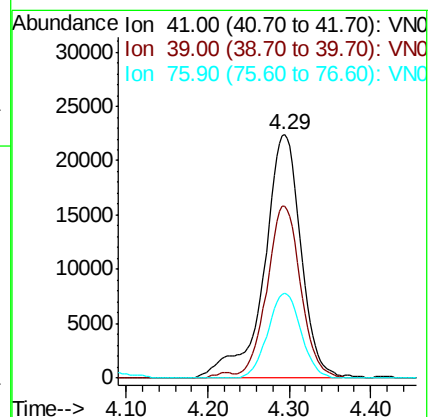
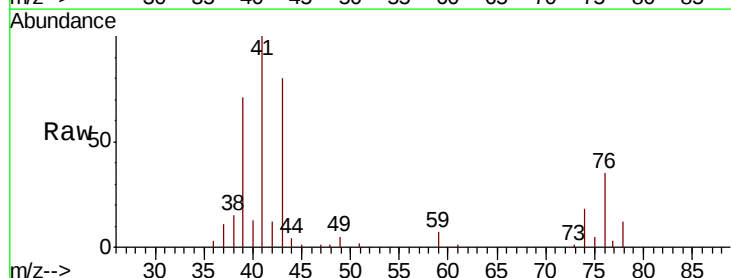
Tgt Ion: 41 Resp: 70854

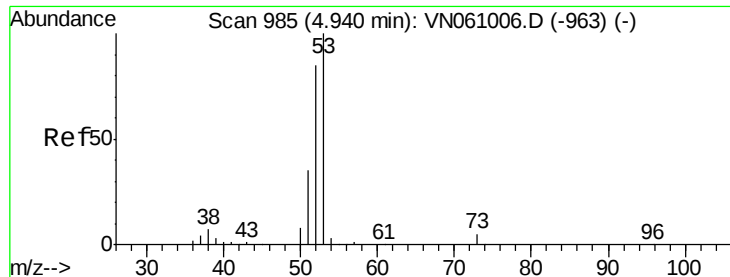
Ion Ratio Lower Upper

41 100

39 64.6 56.3 84.5

76 31.3 27.7 41.5





#15

Acrylonitrile

Concen: 106.758 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :

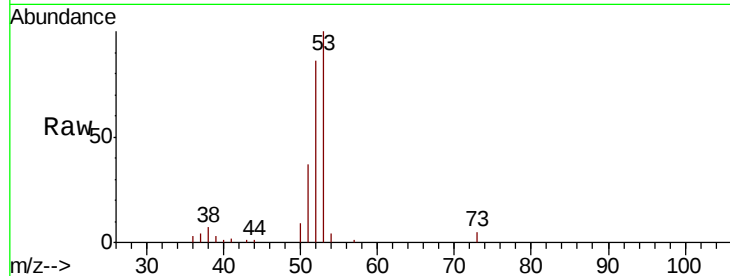
Tot Ion: 53 Resp: 103195

Ion Ratio Lower Upper

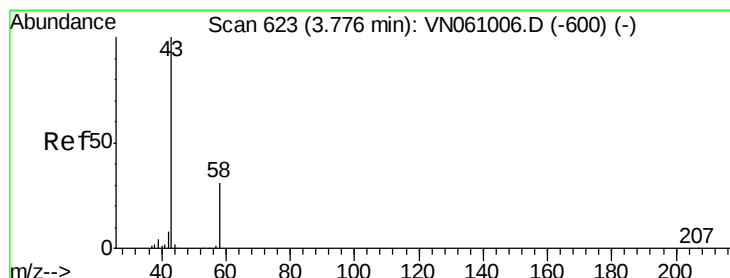
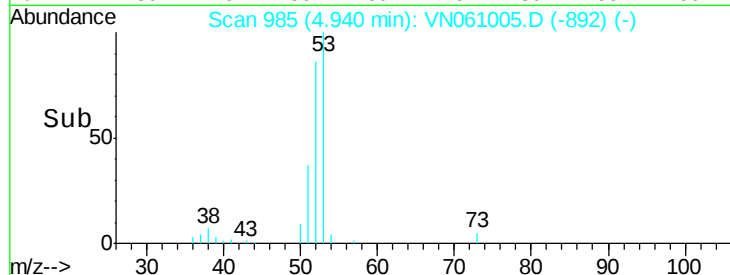
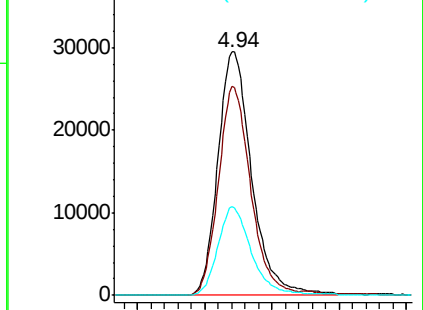
53 100

52 81.7 66.8 100.2

51 36.0 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 119.125 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN061005.D

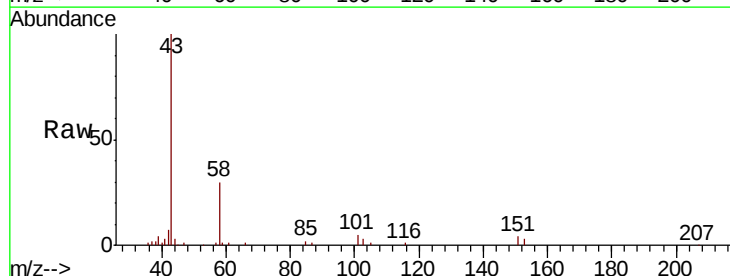
Acq: 16 Apr 2020 11:56

Tgt Ion: 43 Resp: 96994

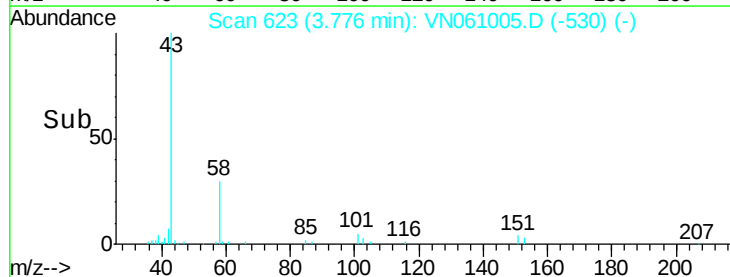
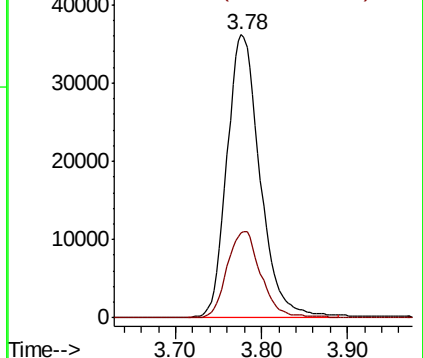
Ion Ratio Lower Upper

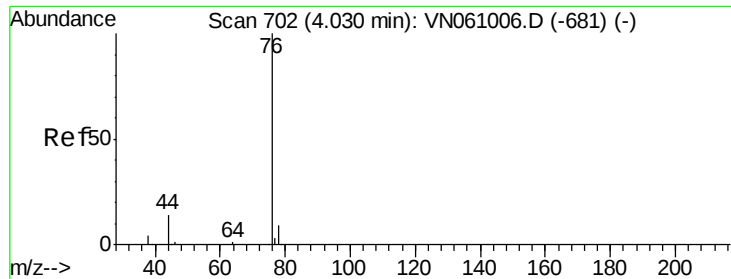
43 100

58 30.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

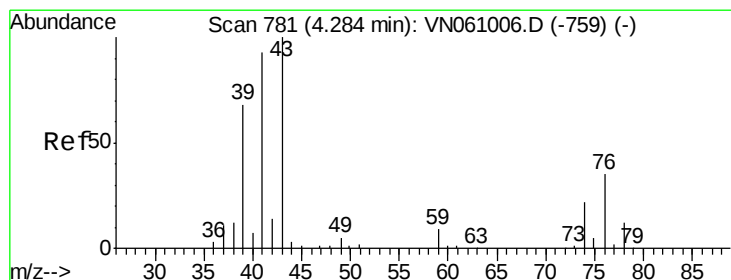
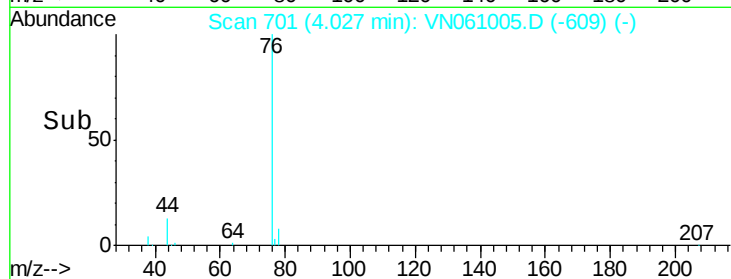
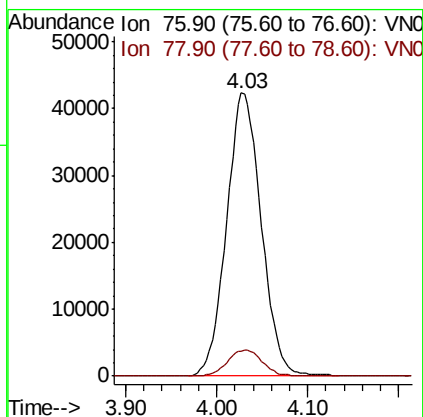
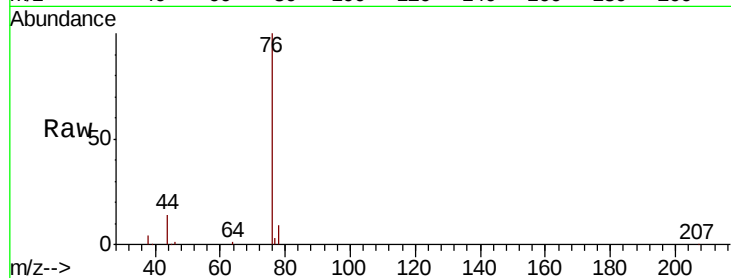




#17
Carbon Disulfide
Concen: 20.994 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

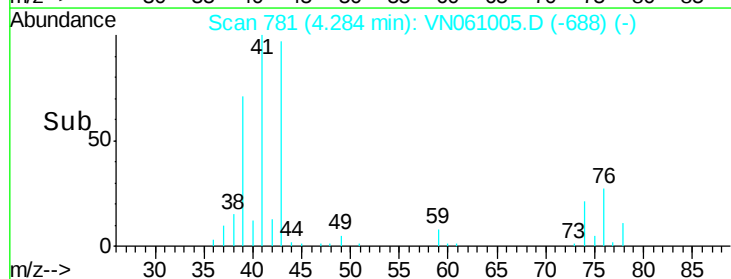
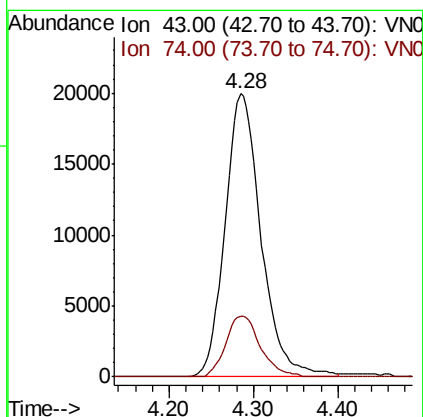
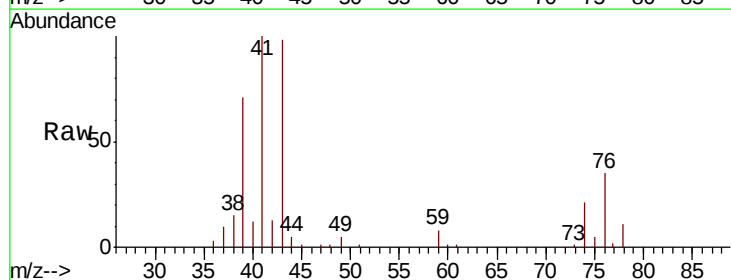
Instrument :
MSVOA_N
ClientSampleId :

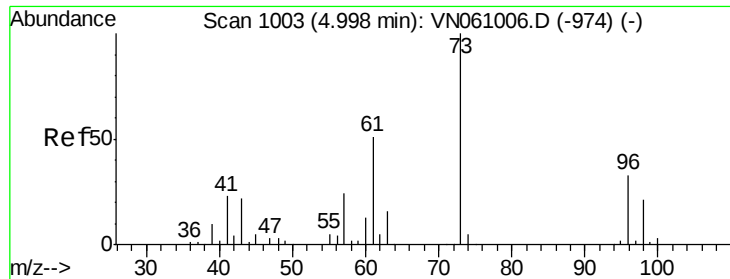
Tot Ion: 76 Resp: 112079
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 25.458 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 43 Resp: 59148
Ion Ratio Lower Upper
43 100
74 20.7 17.4 26.0

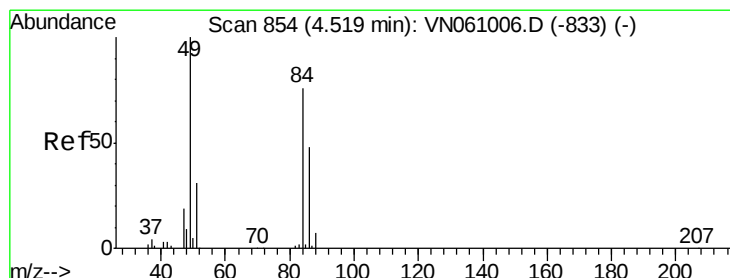
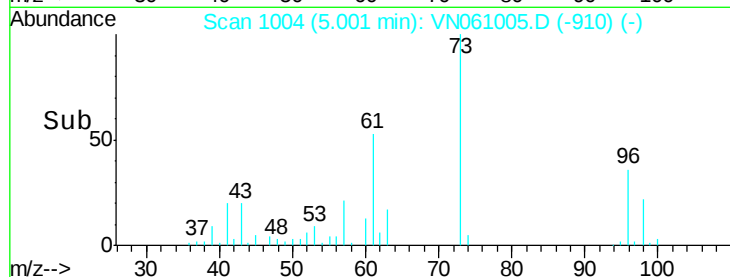
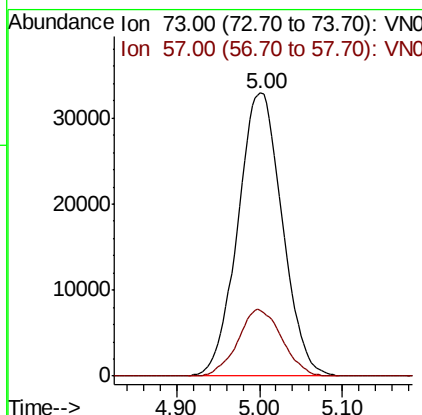
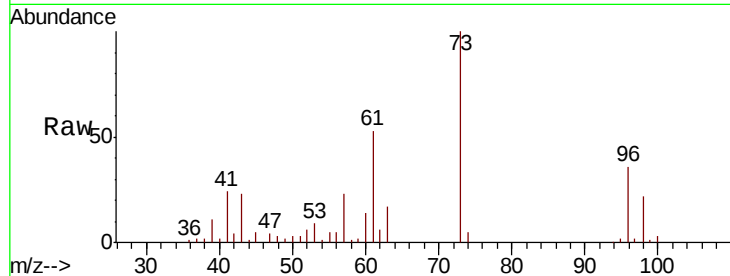




#19
Methvl tert-butvl Ether
Concen: 20.296 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

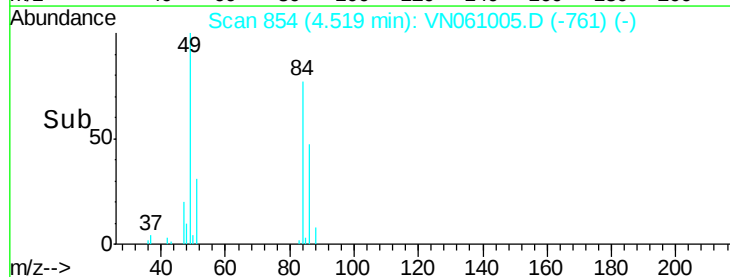
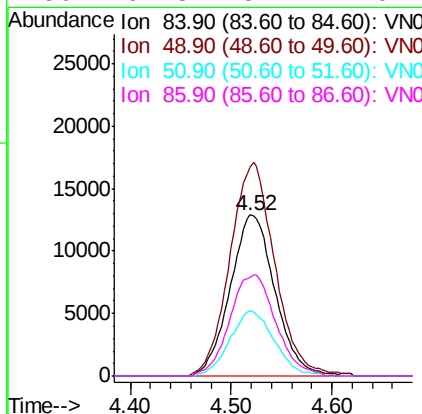
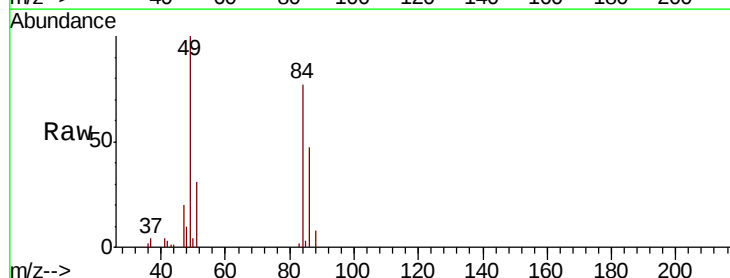
Instrument :
MSVOA_N
ClientSampled :

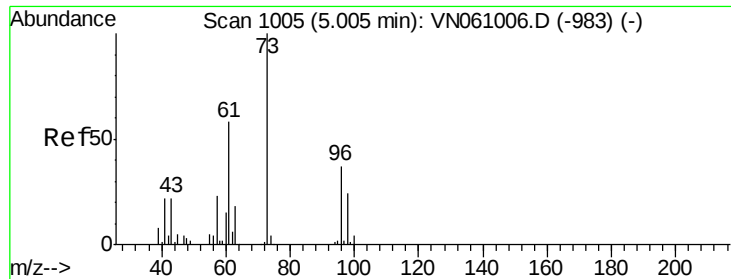
Tot Ion: 73 Resp: 122558
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.4



#20
Methylene Chloride
Concen: 20.567 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 84 Resp: 39834
Ion Ratio Lower Upper
84 100
49 129.6 105.8 158.6
51 40.8 32.4 48.6
86 61.3 51.1 76.7

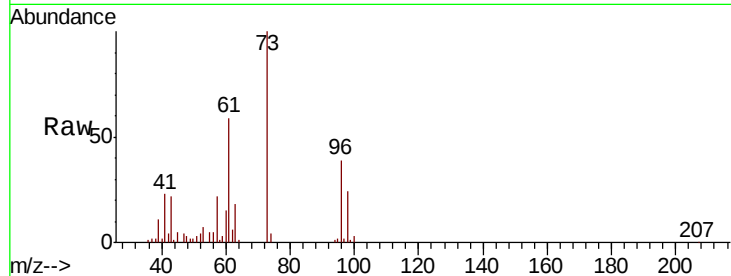




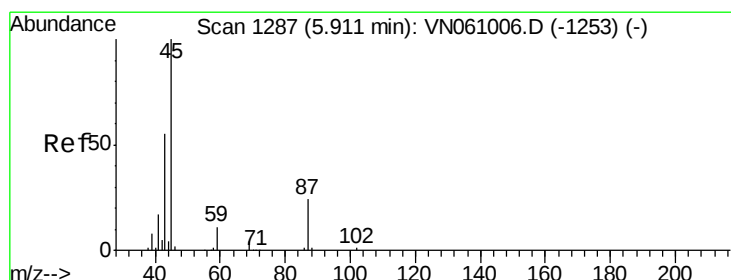
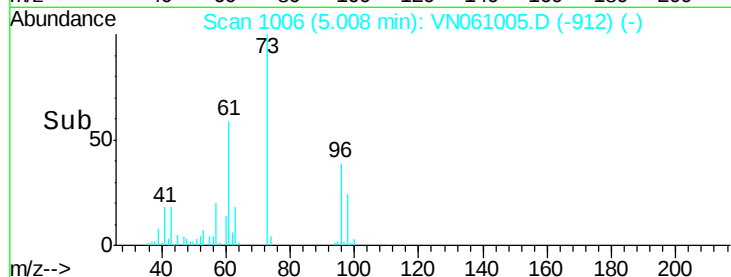
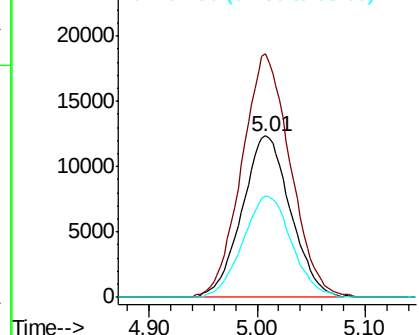
#21
trans-1,2-Dichloroethene
Concen: 20.674 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 38569
Ion Ratio Lower Upper
96 100
61 151.2 124.8 187.2
98 62.7 51.3 76.9

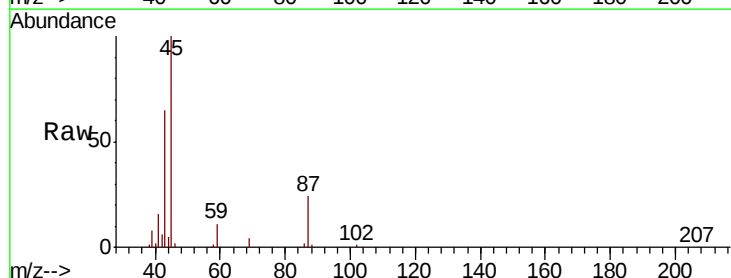


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

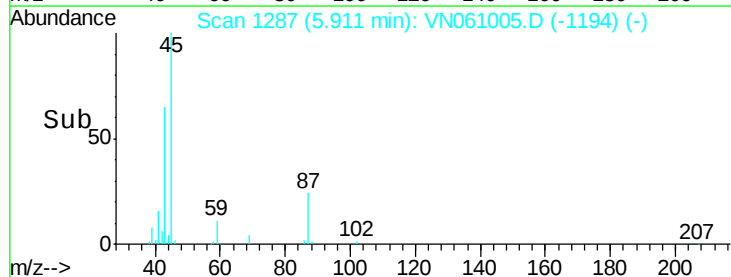
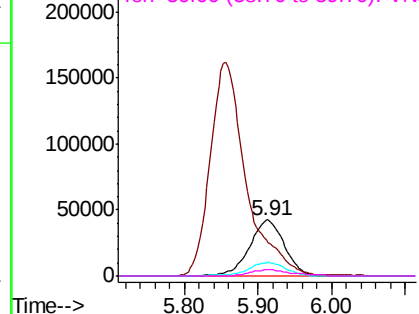


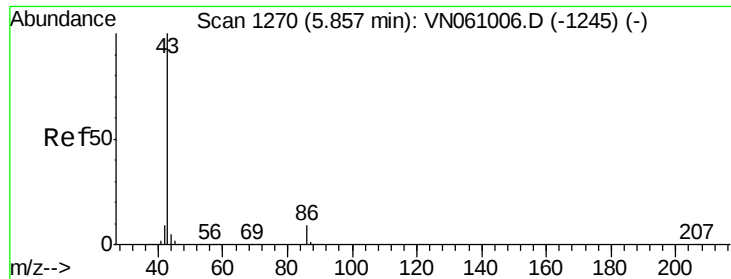
#22
Diisopropyl ether
Concen: 21.518 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 45 Resp: 140921
Ion Ratio Lower Upper
45 100
43 63.2 48.6 72.8
87 24.1 19.4 29.2
59 11.0 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 103.595 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

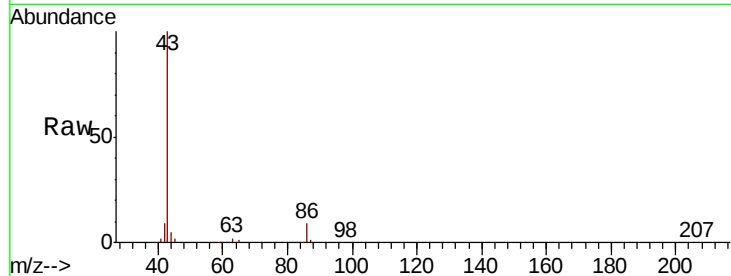
ClientSampled :

Tot Ion: 43 Resp: 550476

Ion Ratio Lower Upper

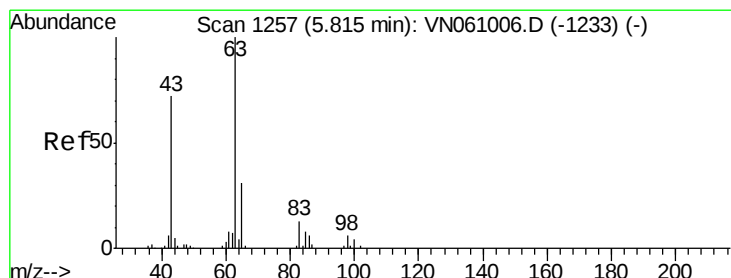
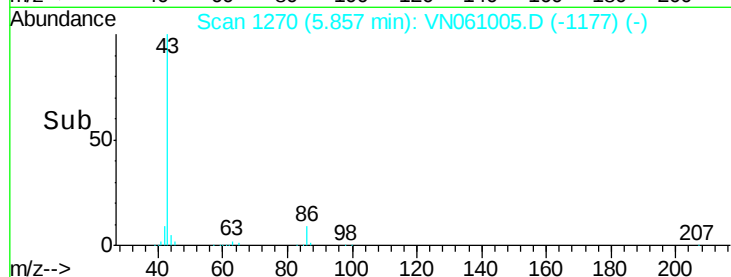
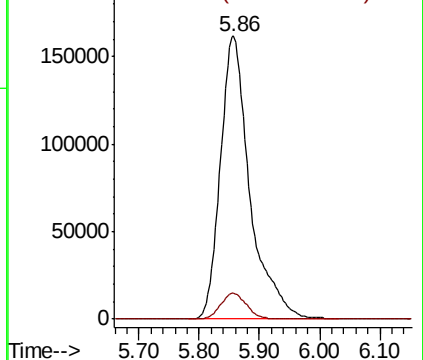
43 100

86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.253 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

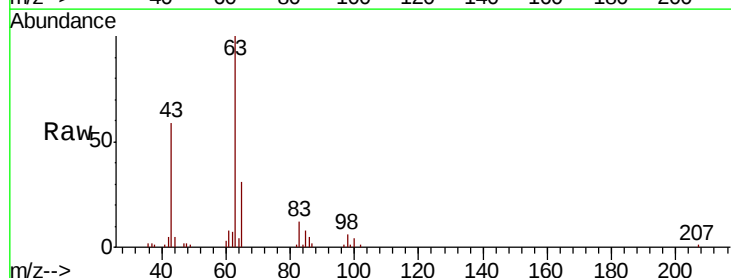
Tgt Ion: 63 Resp: 75848

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

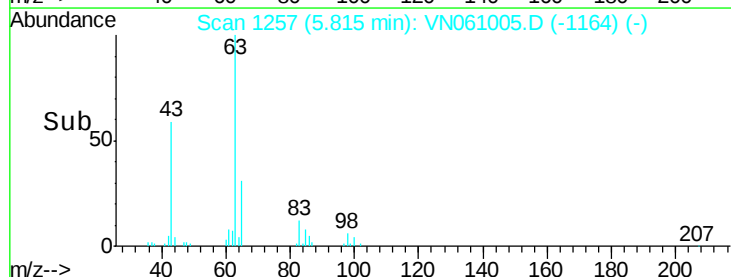
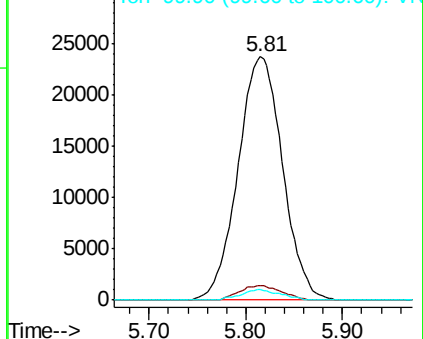
100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 109.325 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

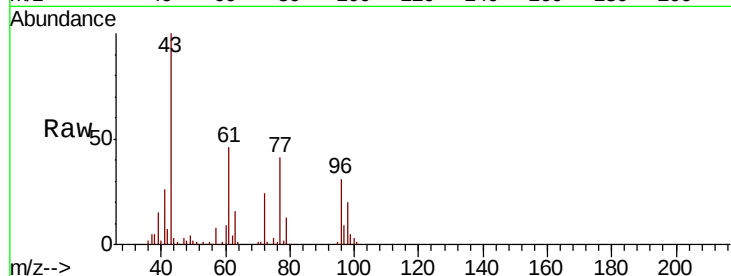
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 141550

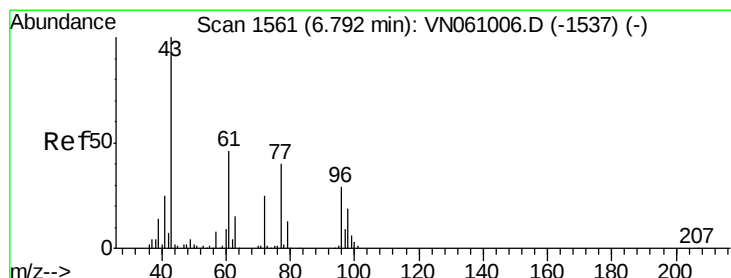
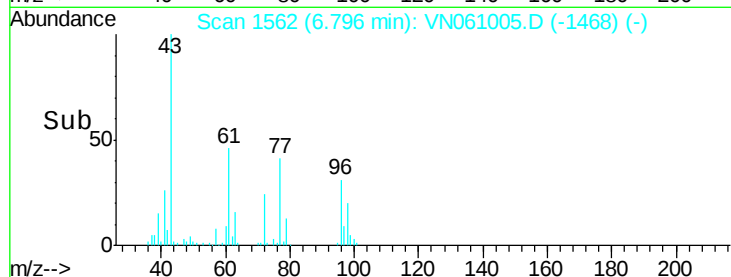
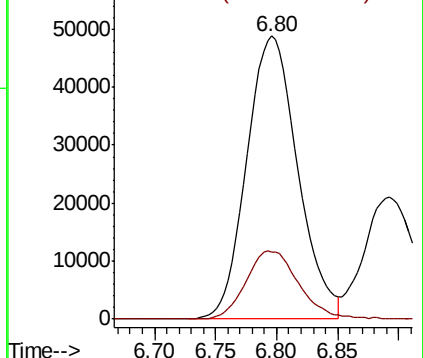
Ion Ratio Lower Upper

43 100

72 23.9 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 22.283 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN061005.D

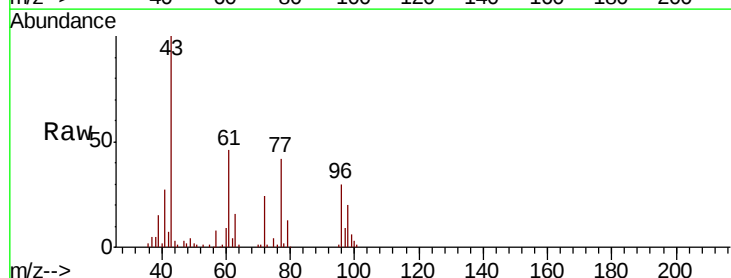
Acq: 16 Apr 2020 11:56

Tgt Ion: 77 Resp: 63544

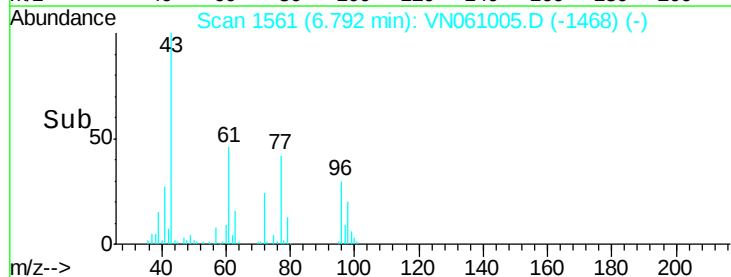
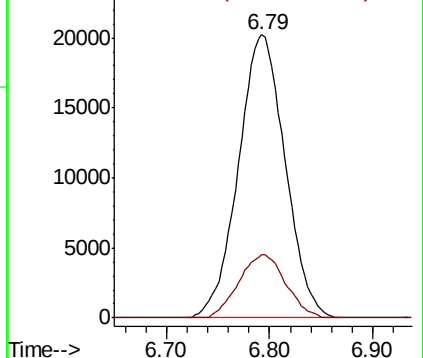
Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN0
Ion 96.90 (96.60 to 97.60): VN0

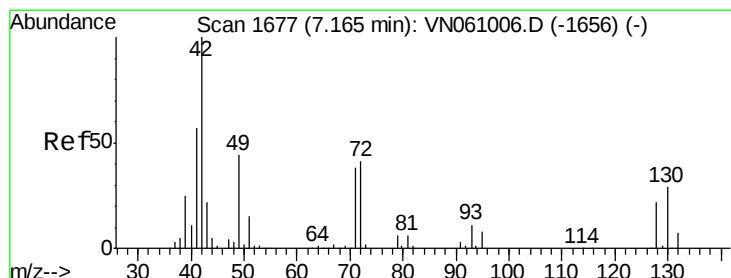
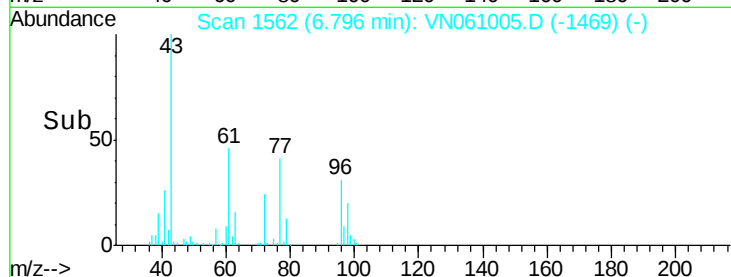
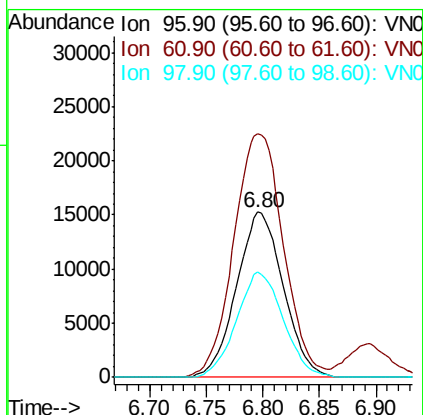
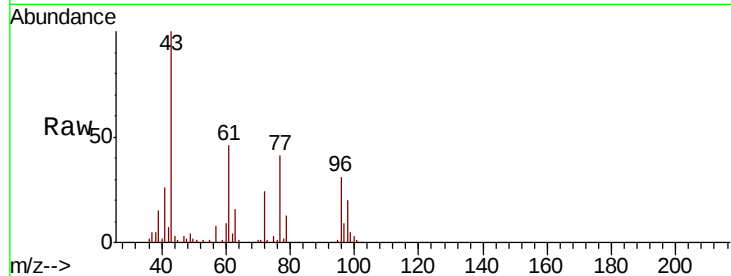




#27
 cis-1,2-Dichloroethene
 Concen: 20.627 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

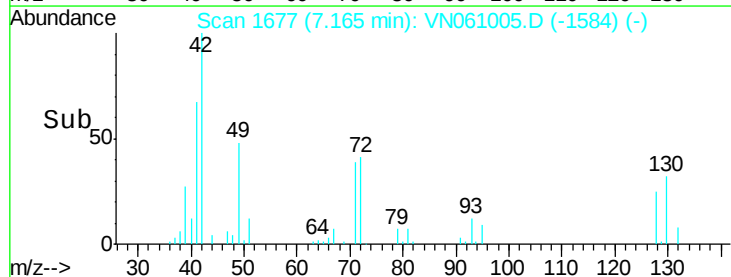
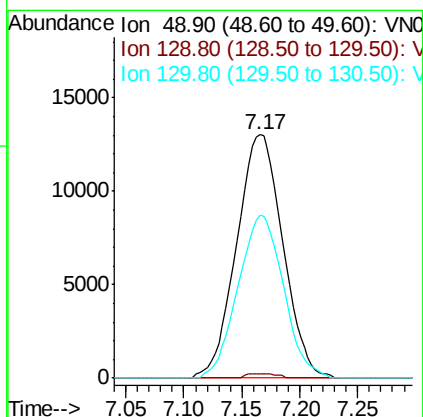
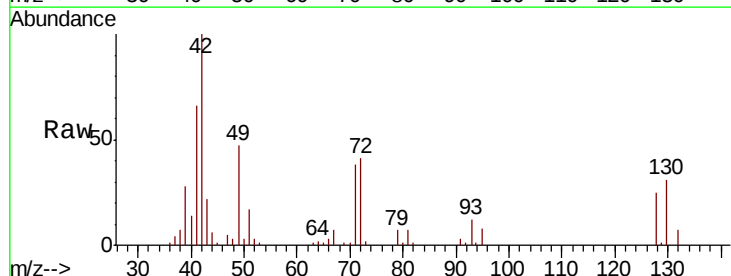
Instrument :
 MSVOA_N
 ClientSampled :

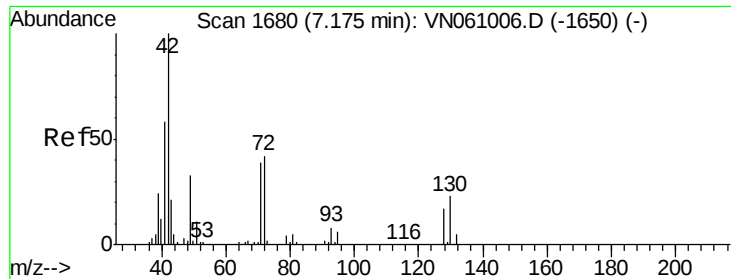
Tot Ion: 96 Resp: 43849
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 317.4
 98 63.8 0.0 127.8



#28
 Bromochloromethane
 Concen: 21.257 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 49 Resp: 36107
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 65.6 52.9 79.3

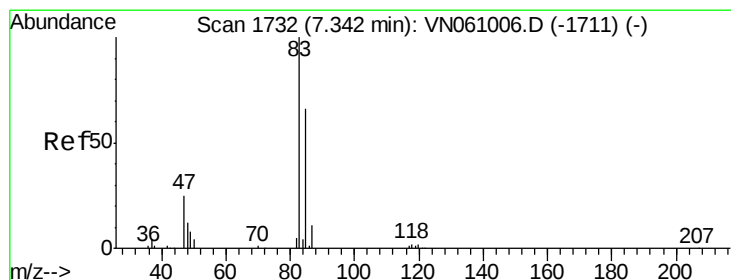
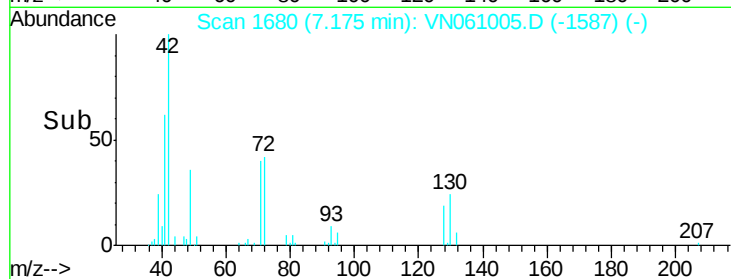
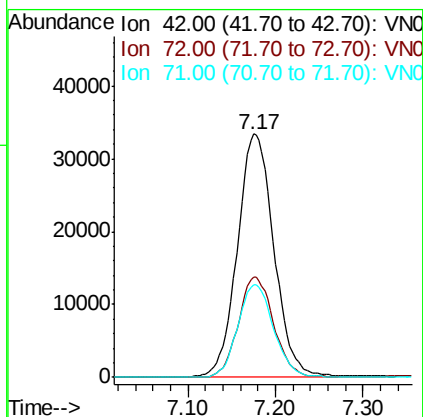
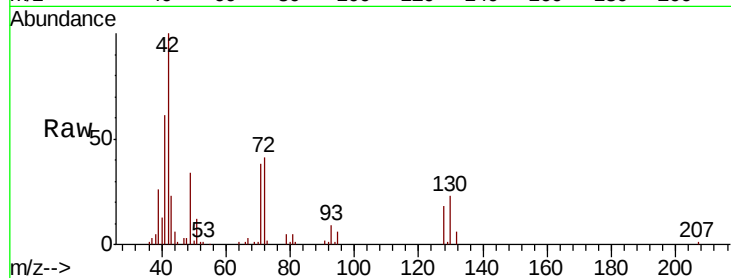




#29
Tetrahydrofuran
Concen: 106.623 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

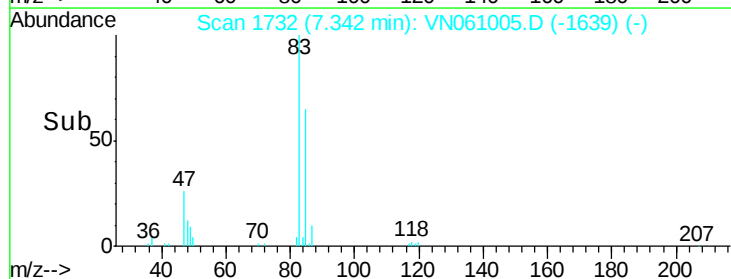
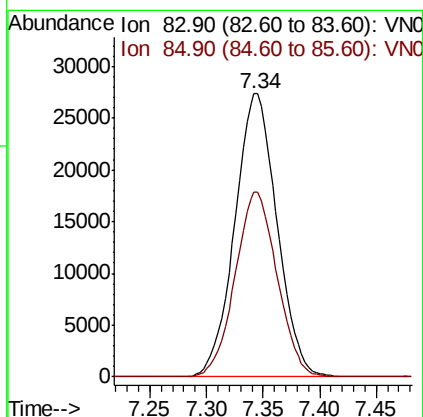
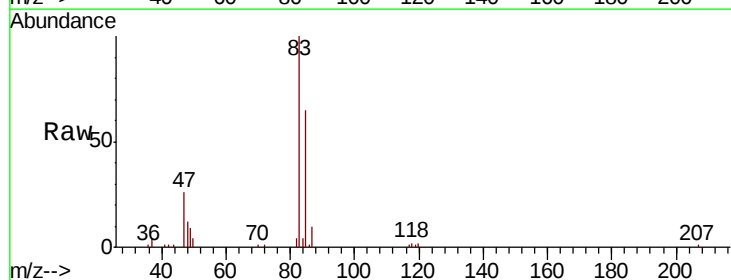
Instrument :
MSVOA_N
ClientSampleId :

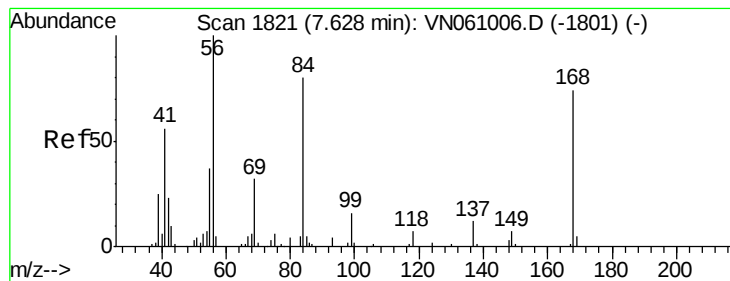
Tot Ion: 42 Resp: 96834
Ion Ratio Lower Upper
42 100
72 39.7 32.1 48.1
71 37.4 30.5 45.7



#30
Chloroform
Concen: 20.794 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 83 Resp: 70944
Ion Ratio Lower Upper
83 100
85 65.4 52.8 79.2





#31

Cyclohexane

Concen: 20.731 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampled :

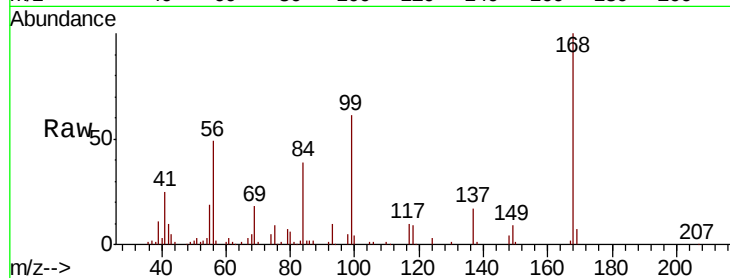
Tot Ion: 56 Resp: 74949

Ion Ratio Lower Upper

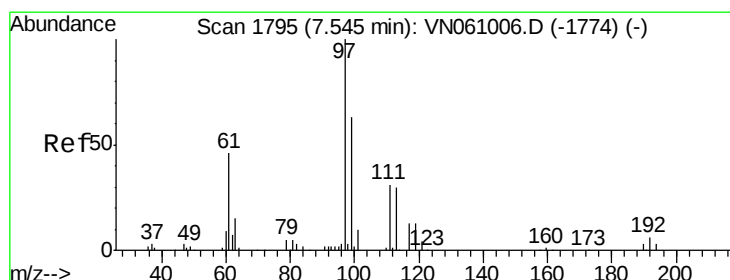
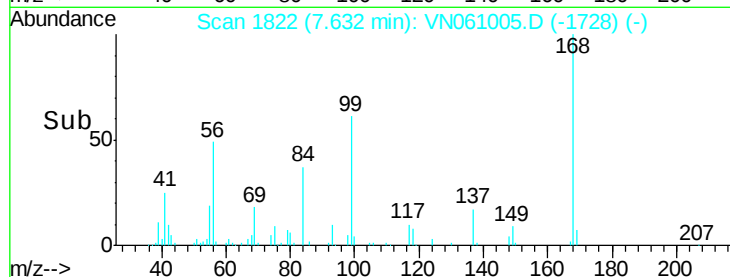
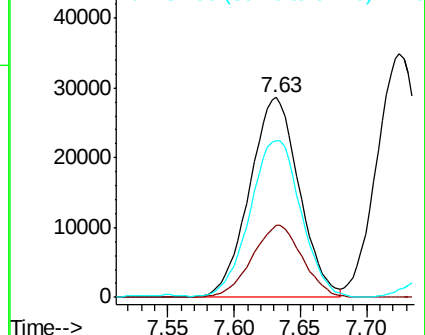
56 100

69 36.2 25.6 38.4

84 78.2 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.710 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

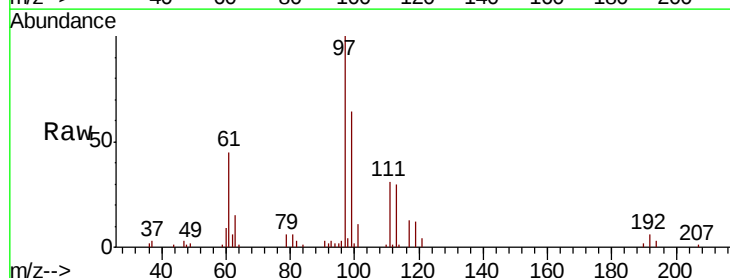
Tgt Ion: 97 Resp: 60680

Ion Ratio Lower Upper

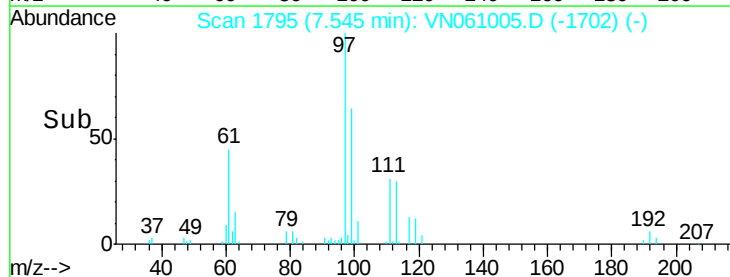
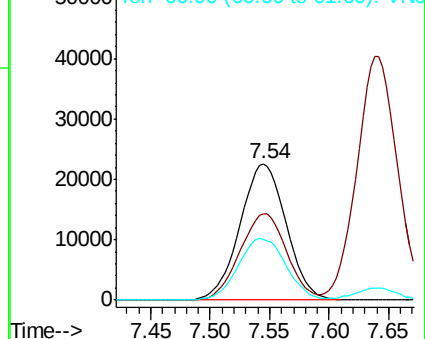
97 100

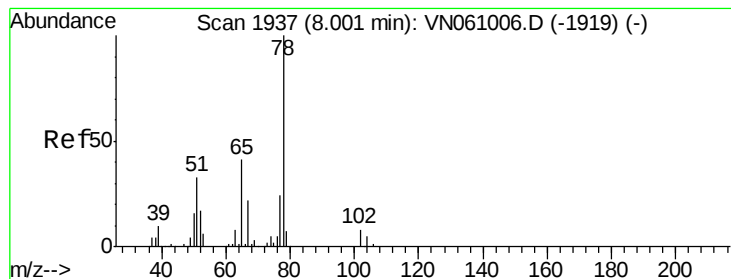
99 64.2 51.0 76.4

61 46.8 37.0 55.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 19.342 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

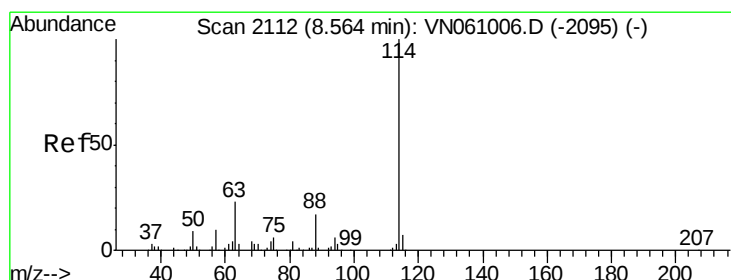
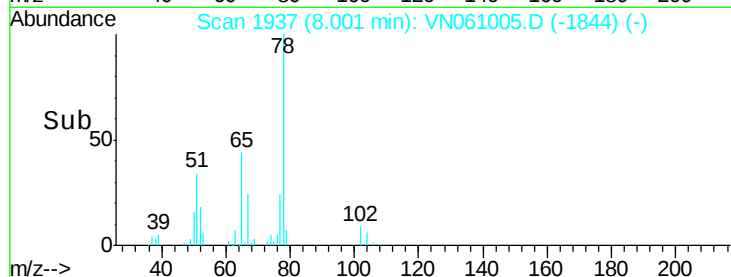
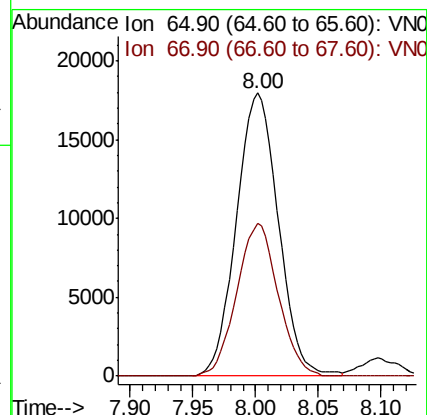
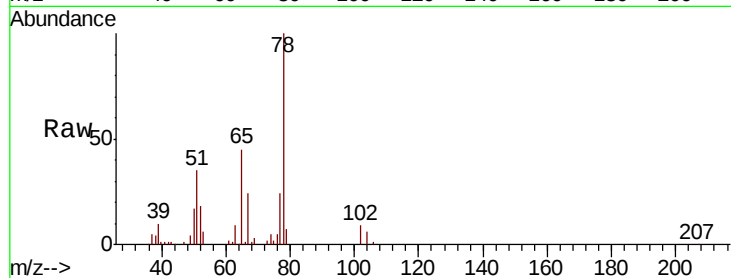
ClientSampleId :

Tot Ion: 65 Resp: 41782

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

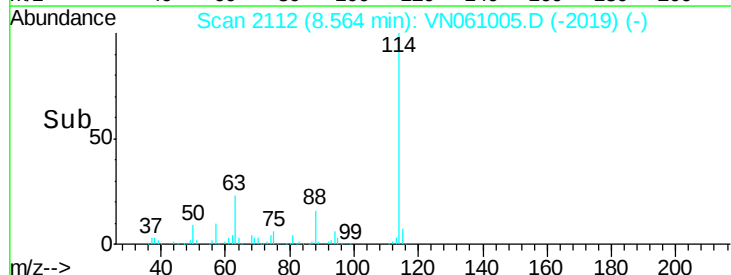
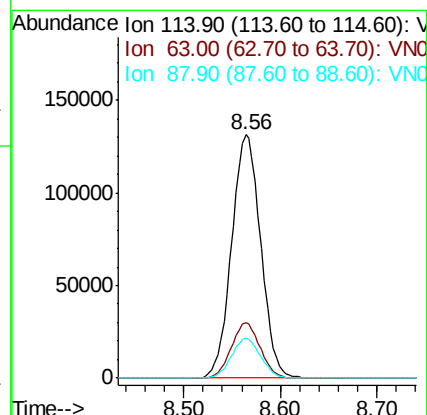
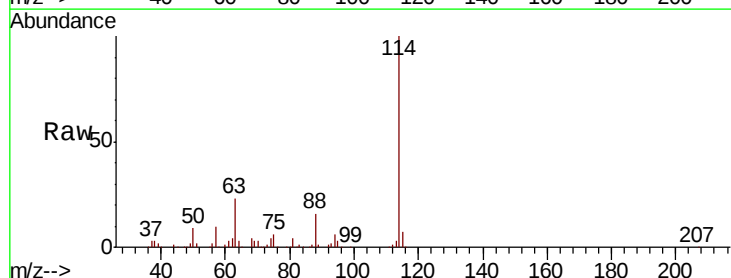
Tgt Ion: 114 Resp: 274107

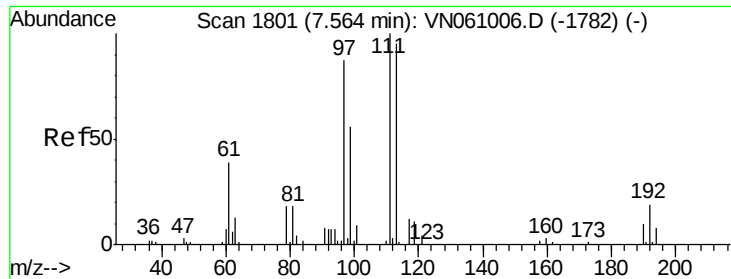
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.2

88 16.2 0.0 33.4

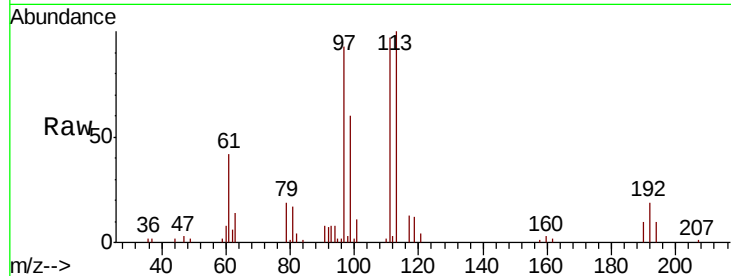




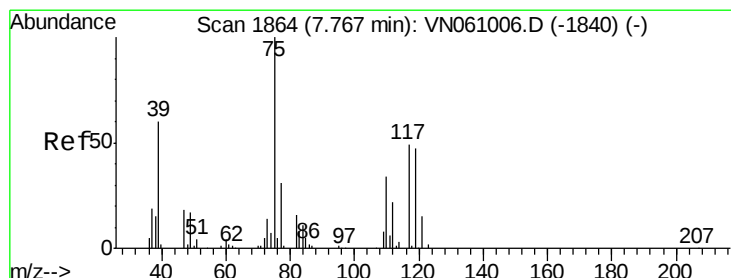
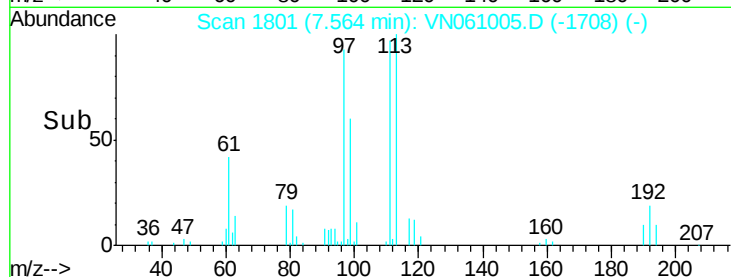
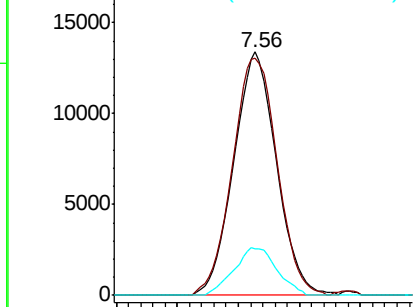
#35
 Dibromofluoromethane
 Concen: 19.937 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 32529
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 19.6 15.5 23.3

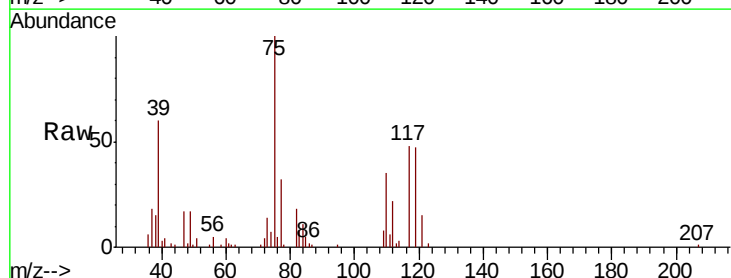


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

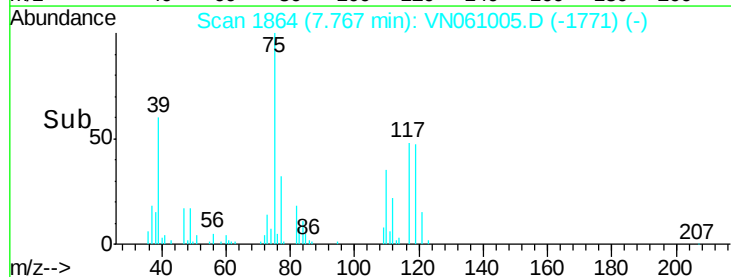
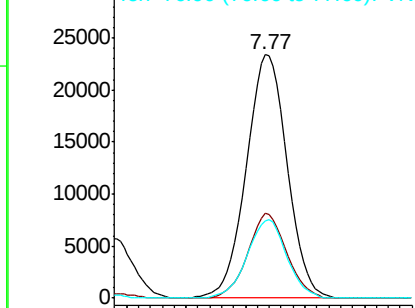


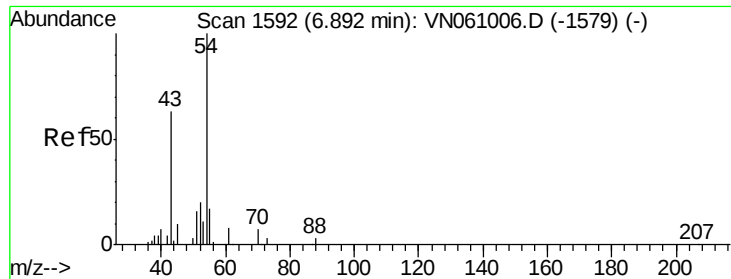
#36
 1,1-Dichloropropene
 Concen: 20.789 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 75 Resp: 55614
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.8 50.3
 77 31.2 24.7 37.1



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

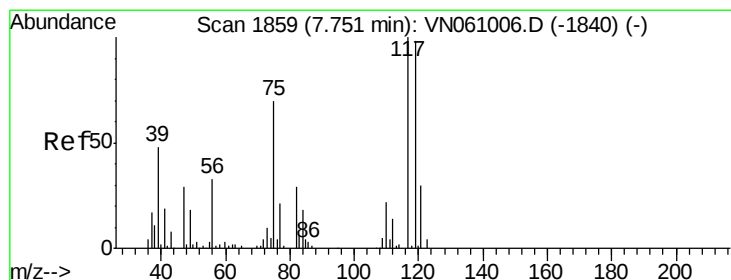
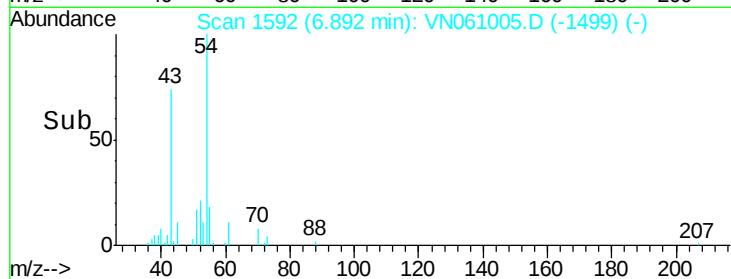
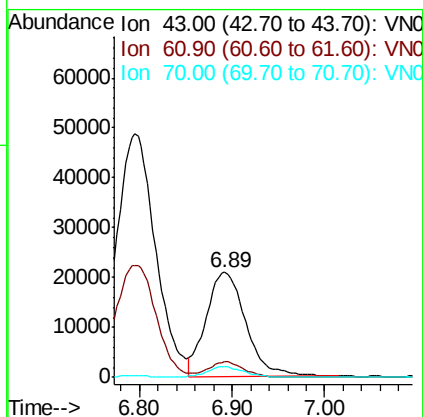
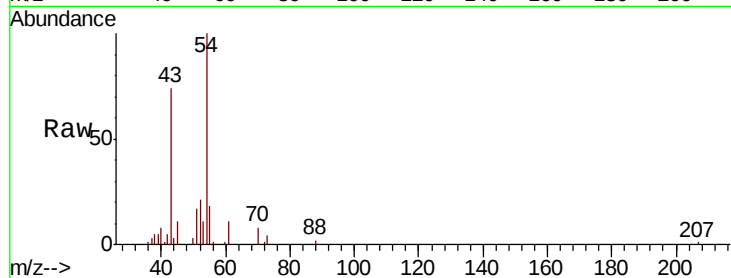




#37
Ethyl Acetate
Concen: 21.343 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

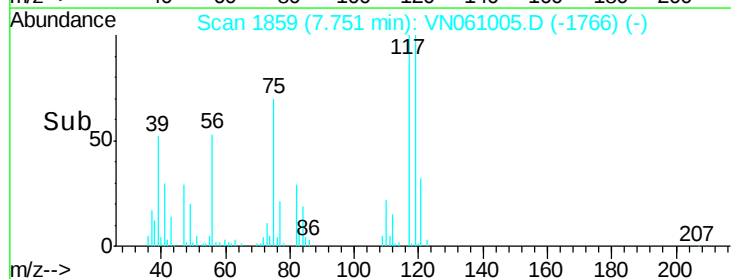
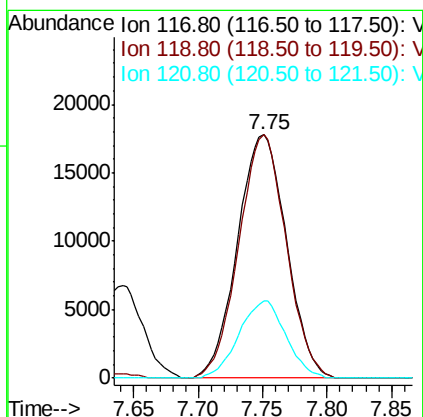
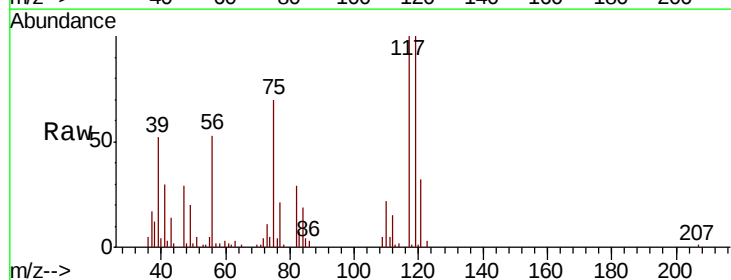
Instrument :
MSVOA_N
ClientSampled :

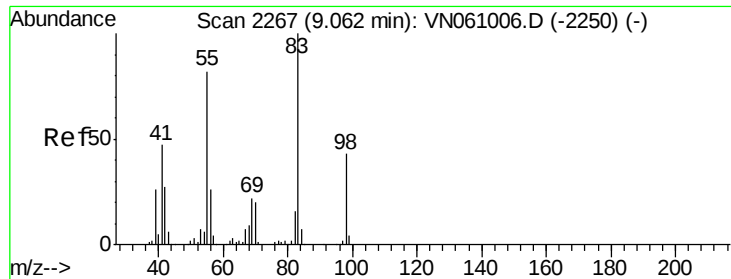
Tot Ion: 43 Resp: 62009
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.712 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 117 Resp: 46969
Ion Ratio Lower Upper
117 100
119 100.0 78.1 117.1
121 31.7 24.0 36.0

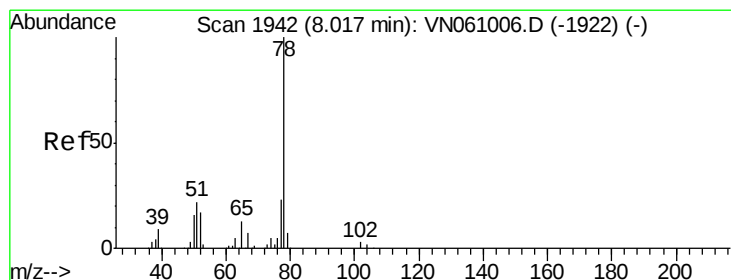
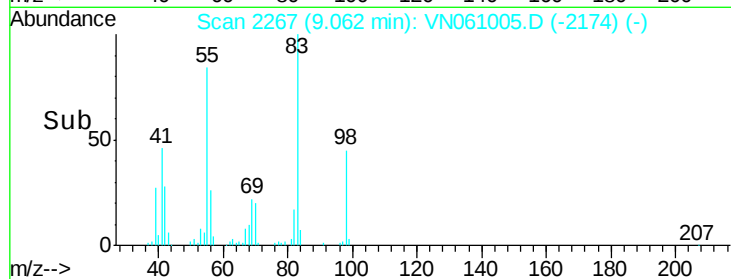
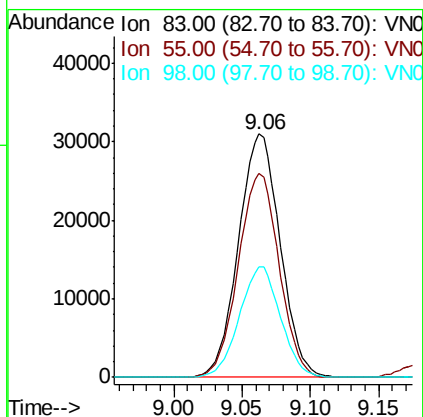
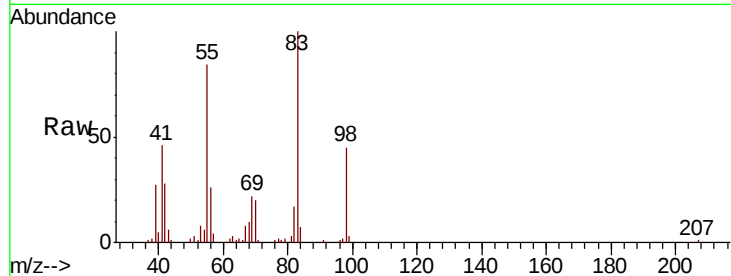




#39
Methvlcvclohexane
Concen: 20.607 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

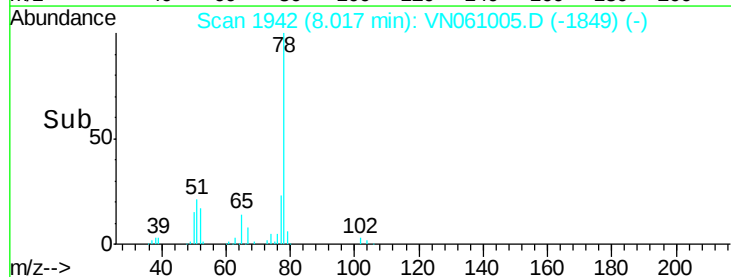
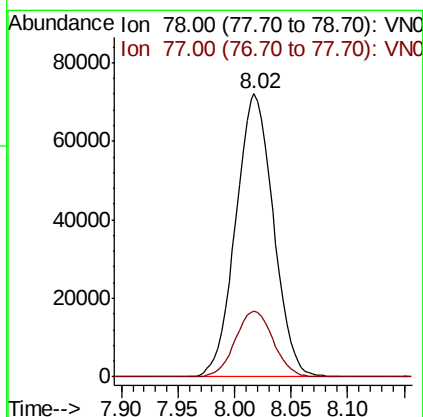
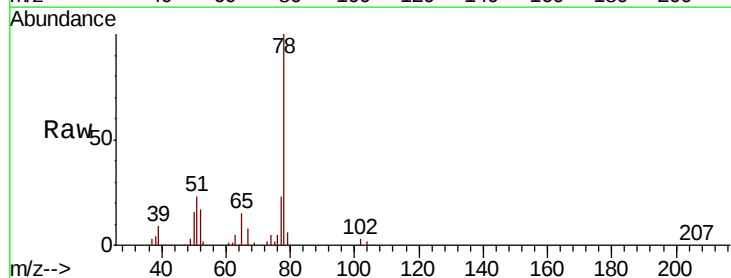
Instrument :
MSVOA_N
ClientSampled :

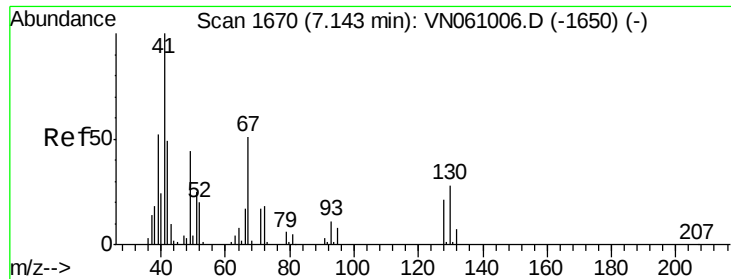
Tot Ion: 83 Resp: 65768
Ion Ratio Lower Upper
83 100
55 84.0 65.4 98.0
98 45.4 34.6 51.8



#40
Benzene
Concen: 20.735 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 78 Resp: 167261
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

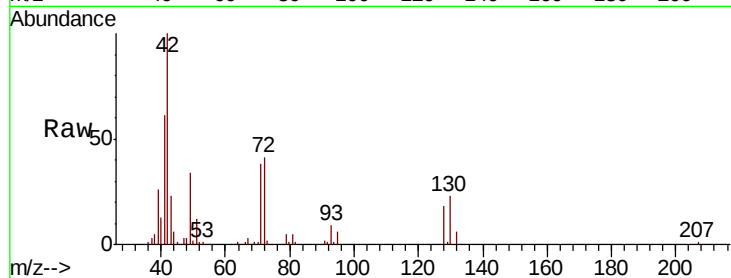




#41
Methacrylonitrile
Concen: 69.347 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	86079
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



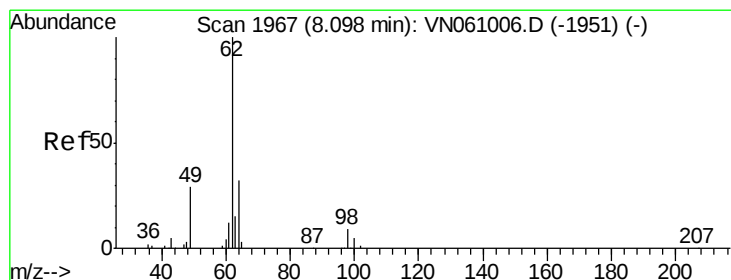
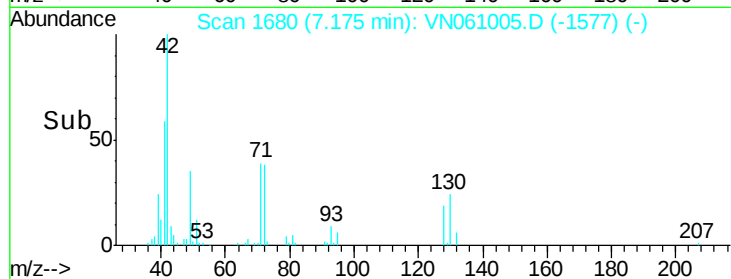
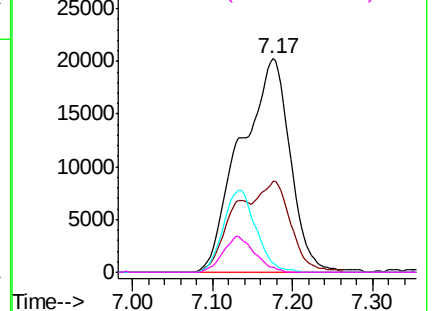
Abundance

Ion 41.00 (40.70 to 41.70): VN061005.D (-1577) (-)

Ion 39.00 (38.70 to 39.70): VN061005.D (-1577) (-)

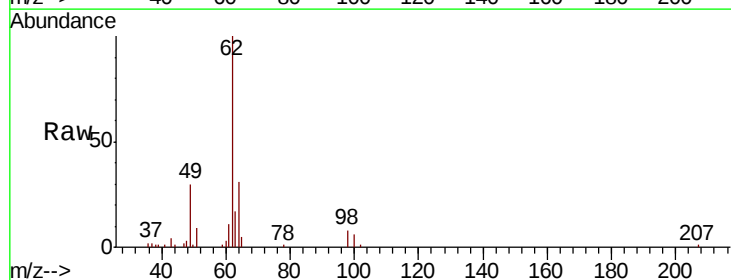
Ion 67.00 (66.70 to 67.70): VN061005.D (-1577) (-)

Ion 52.00 (51.70 to 52.70): VN061005.D (-1577) (-)



#42
1,2-Dichloroethane
Concen: 21.242 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

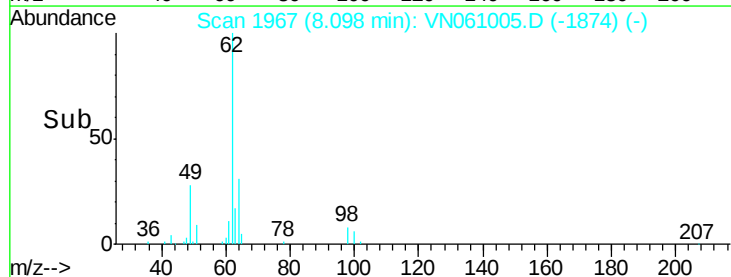
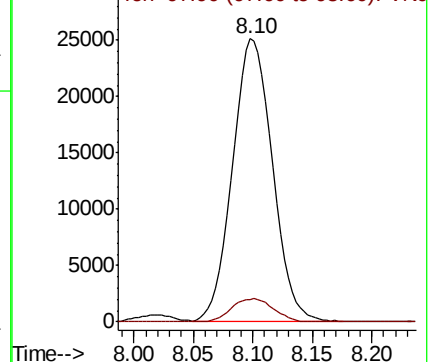
Tgt Ion:	62	Resp:	58625
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2

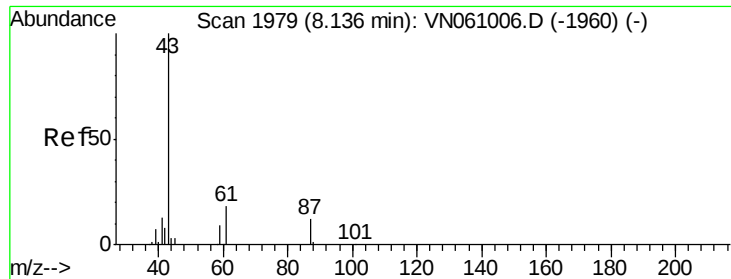


Abundance

Ion 61.90 (61.60 to 62.60): VN061005.D (-1874) (-)

Ion 97.90 (97.60 to 98.60): VN061005.D (-1874) (-)

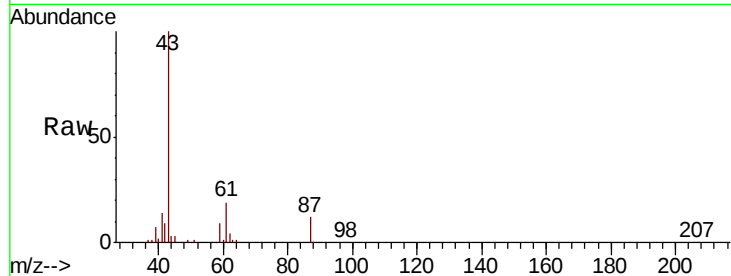




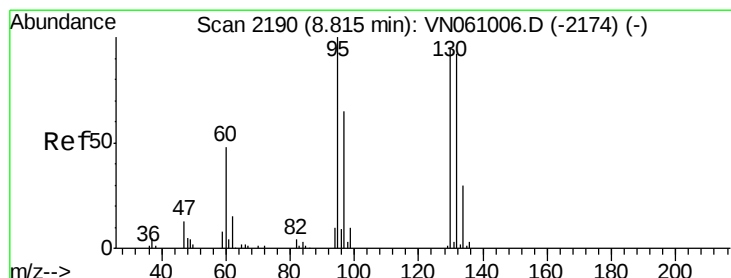
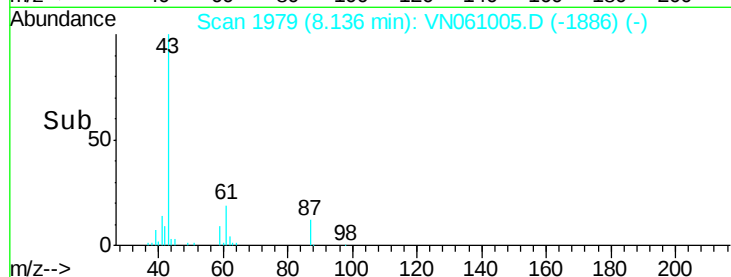
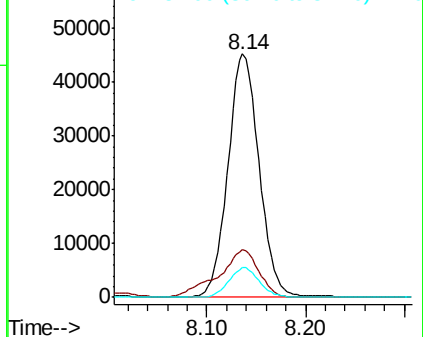
#43
Isopropyl Acetate
Concen: 20.937 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 100034
Ion Ratio Lower Upper
43 100
61 25.2 20.3 30.5
87 11.9 9.4 14.2

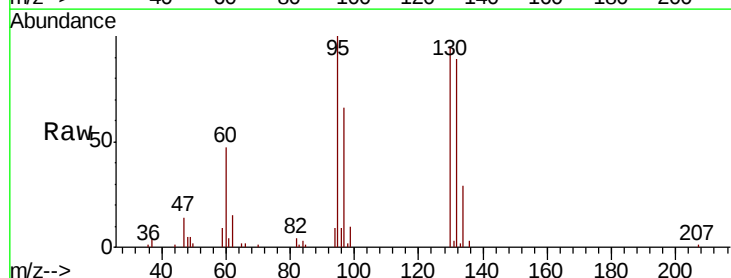


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

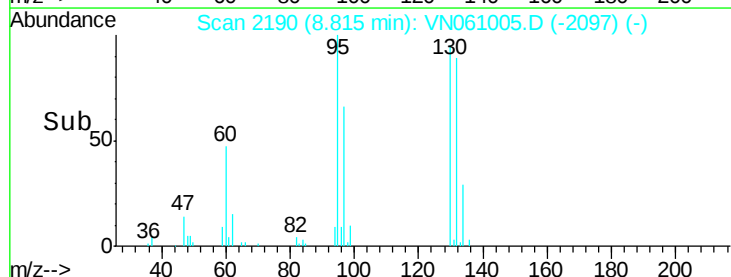
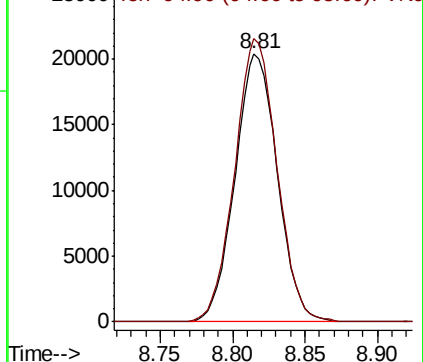


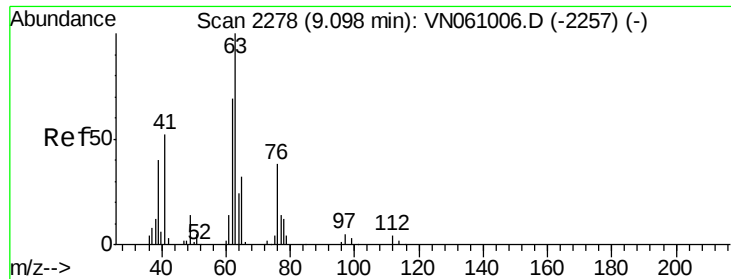
#44
Trichloroethene
Concen: 20.492 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 130 Resp: 41472
Ion Ratio Lower Upper
130 100
95 105.5 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

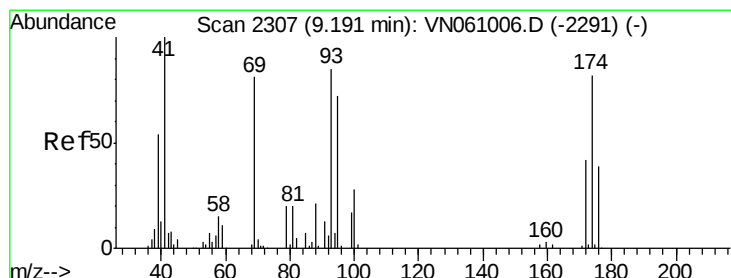
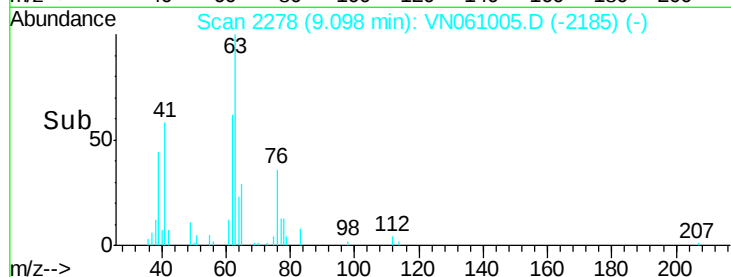
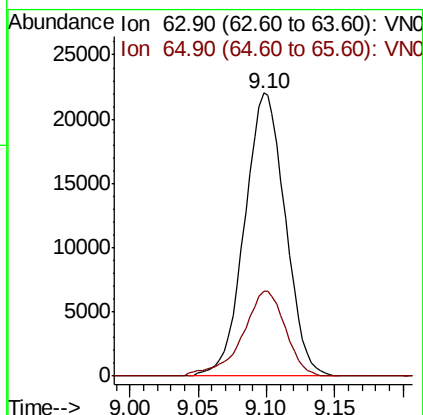
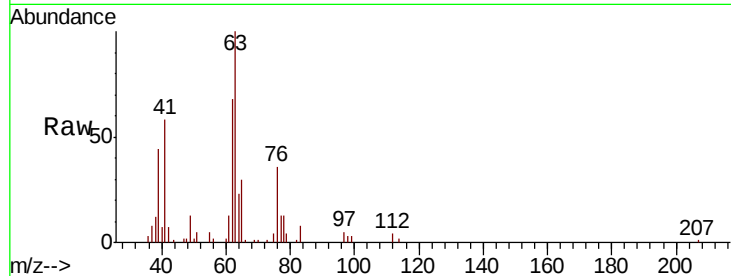




#45
 1,2-Dichloropropane
 Concen: 21.335 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

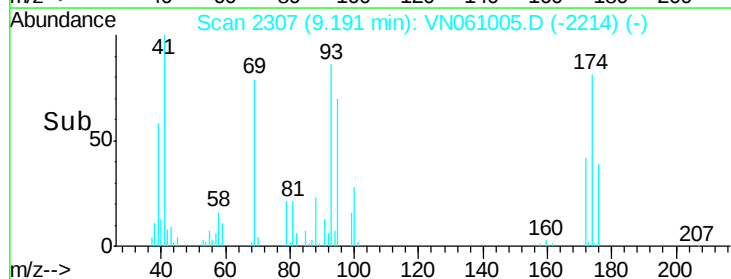
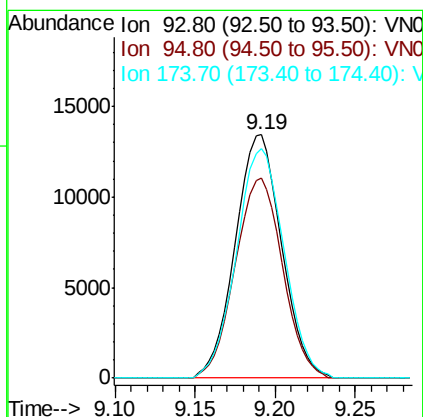
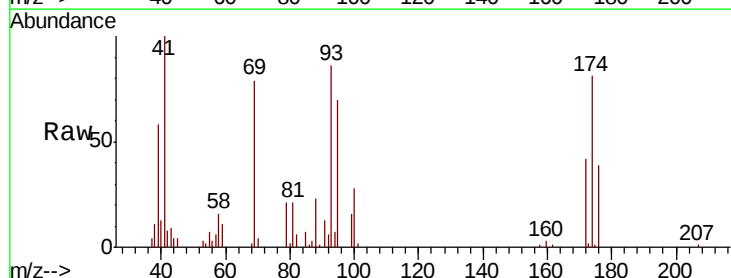
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 45500
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.2 37.8



#46
 Dibromomethane
 Concen: 20.778 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 93 Resp: 26660
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.8 100.2
 174 96.7 76.2 114.4

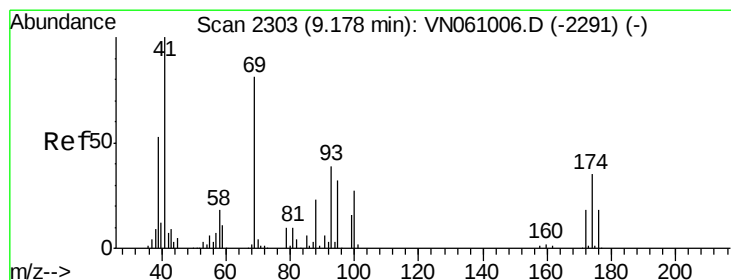
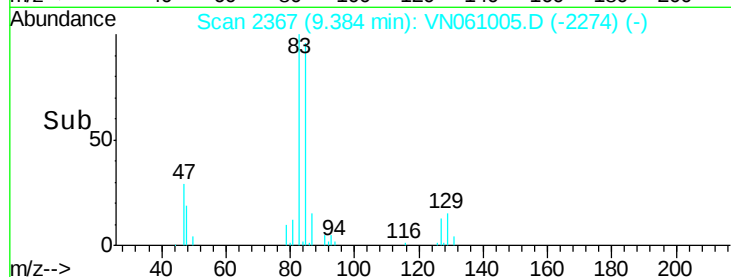
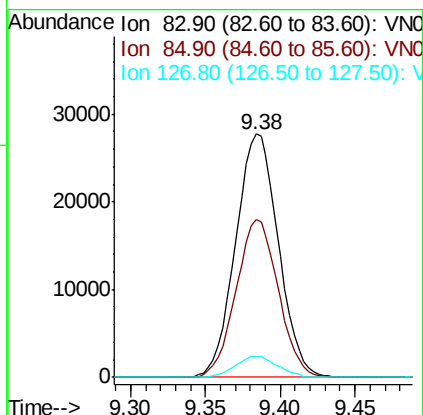
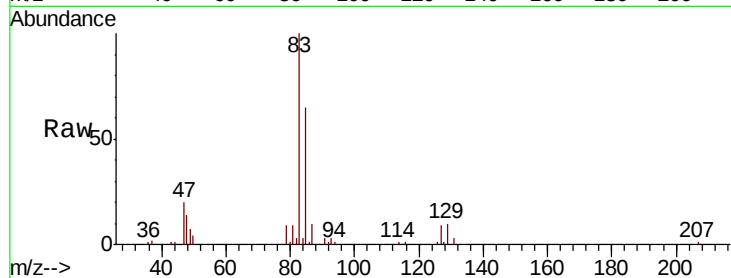




#47
Bromodichloromethane
Concen: 20.607 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

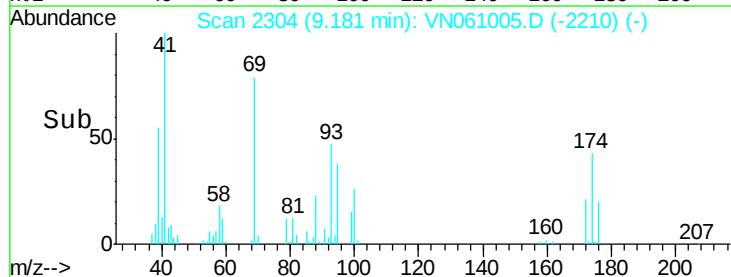
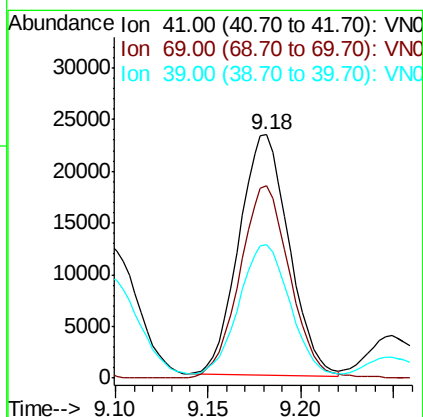
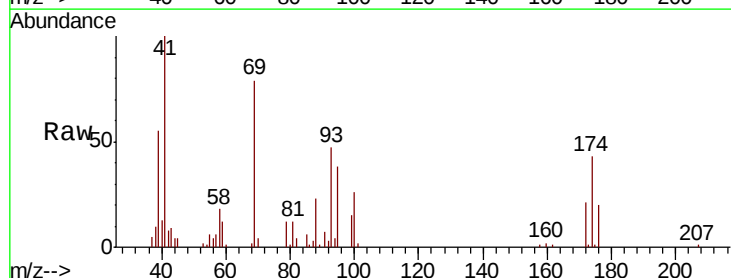
Instrument :
MSVOA_N
ClientSampleId :

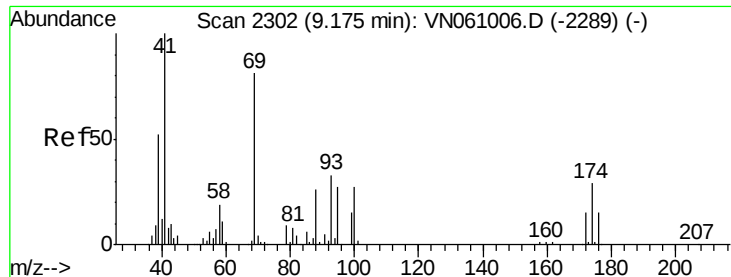
Tot Ion: 83 Resp: 55142
Ion Ratio Lower Upper
83 100
85 64.9 50.6 76.0
127 8.7 6.1 9.1



#48
Methyl methacrylate
Concen: 20.411 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 41 Resp: 43516
Ion Ratio Lower Upper
41 100
69 80.2 65.3 97.9
39 54.8 45.2 67.8

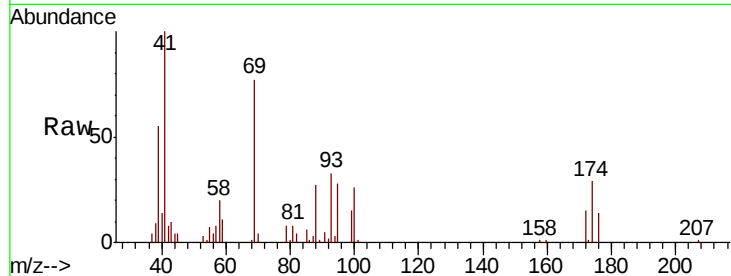




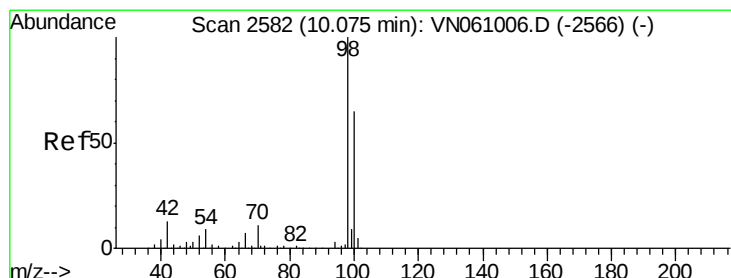
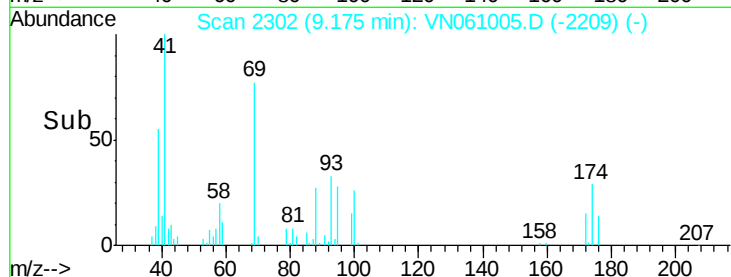
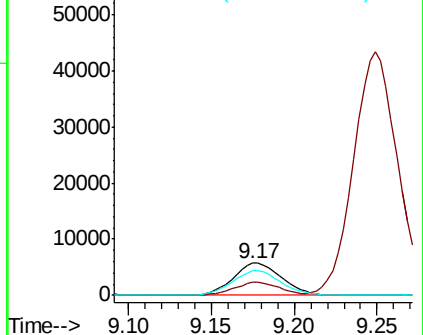
#49
 1,4-Dioxane
 Concen: 451.278 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 11586
 Ion Ratio Lower Upper
 88 100
 43 38.8 30.9 46.3
 58 76.8 59.8 89.8

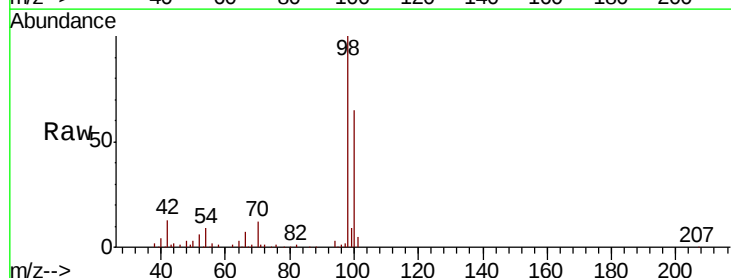


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

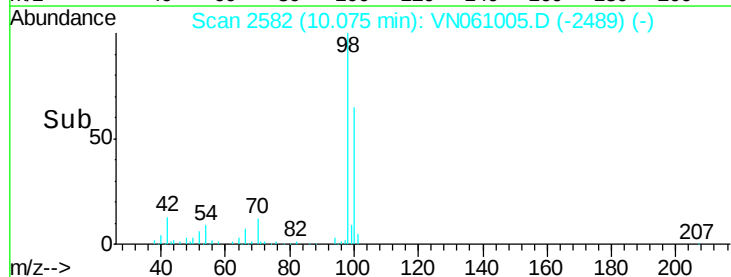
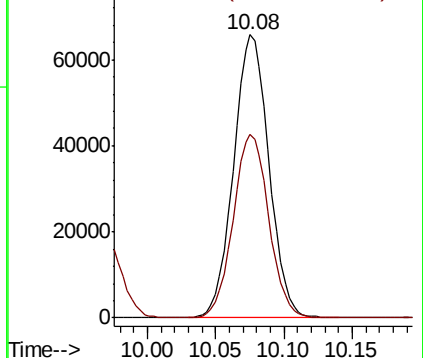


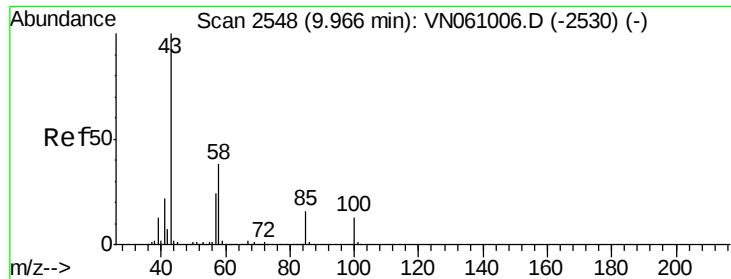
#50
 Toluene-d8
 Concen: 18.089 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 98 Resp: 118097
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 106.784 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

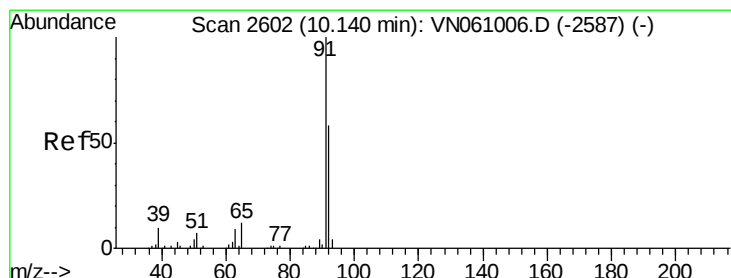
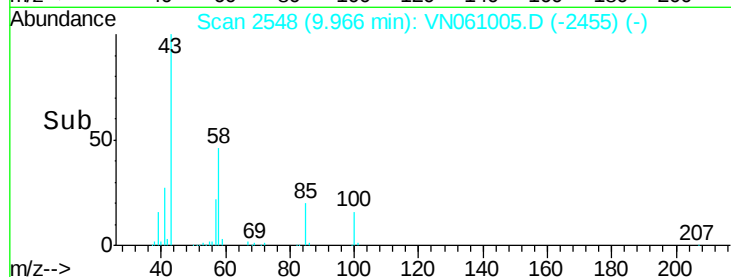
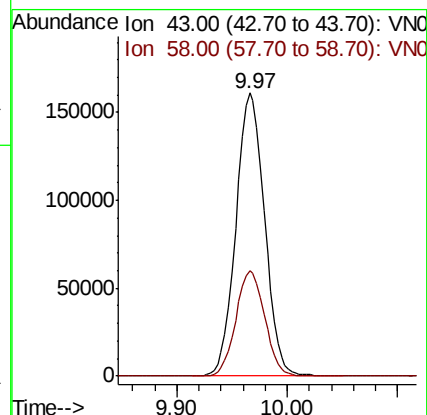
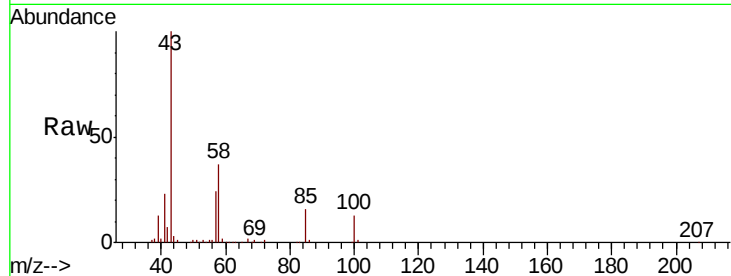
ClientSampleId :

Tot Ion: 43 Resp: 290844

Ion Ratio Lower Upper

43 100

58 37.4 30.3 45.5



#52

Toluene

Concen: 20.304 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN061005.D

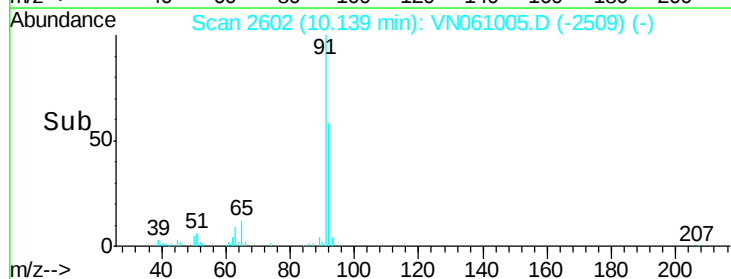
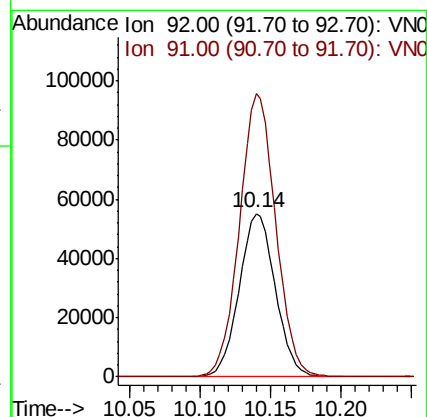
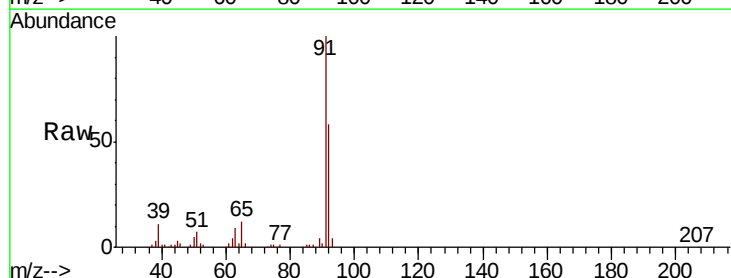
Acq: 16 Apr 2020 11:56

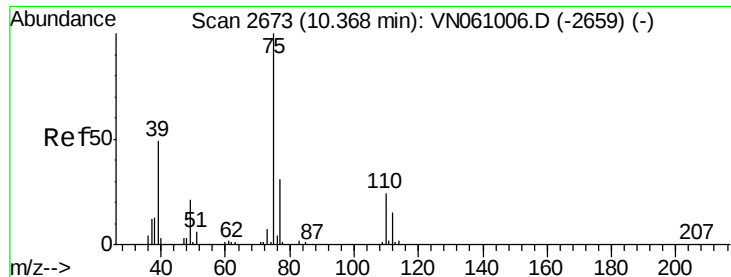
Tgt Ion: 92 Resp: 98814

Ion Ratio Lower Upper

92 100

91 174.1 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 20.953 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

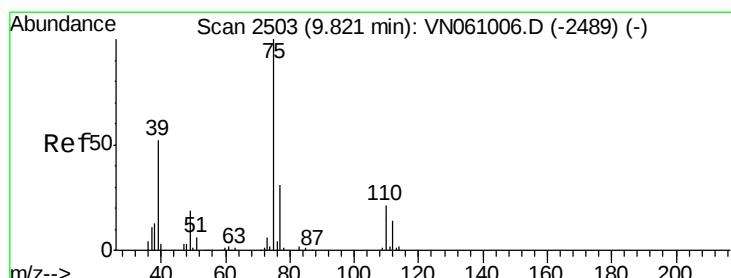
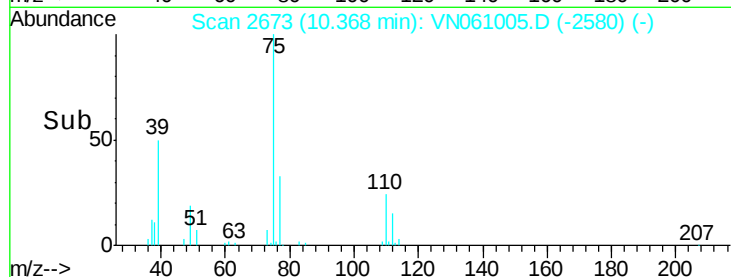
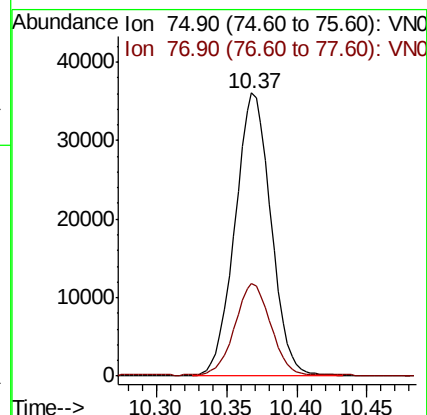
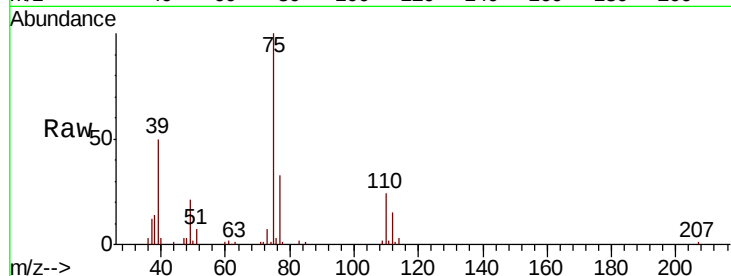
ClientSampled :

Tot Ion: 75 Resp: 64449

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.643 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

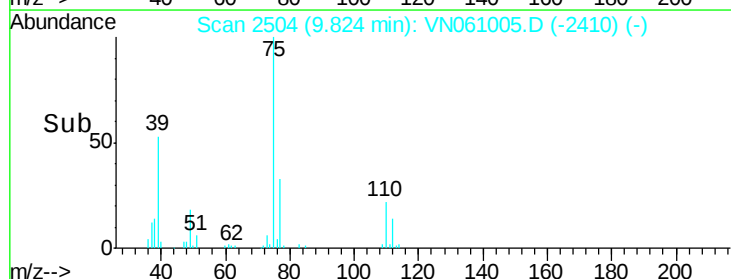
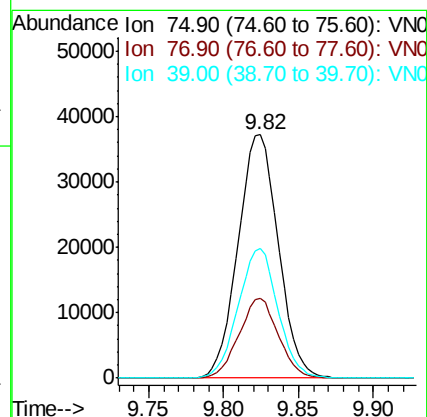
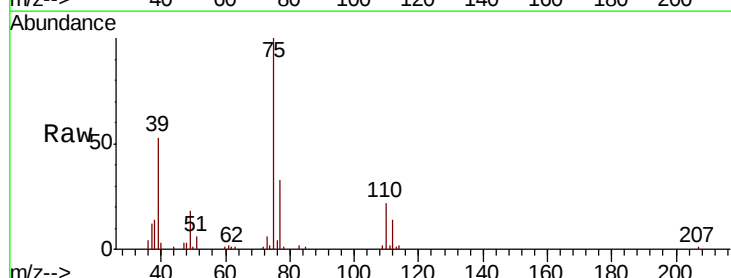
Tgt Ion: 75 Resp: 69821

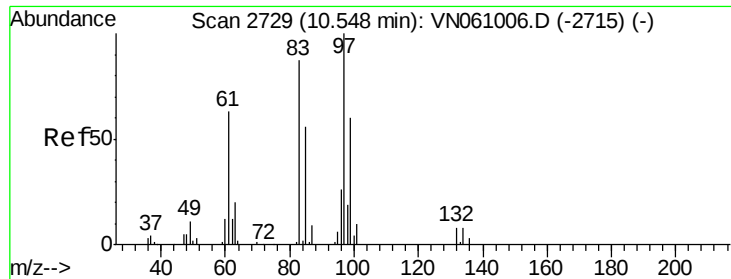
Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.6

39 53.4 41.4 62.2

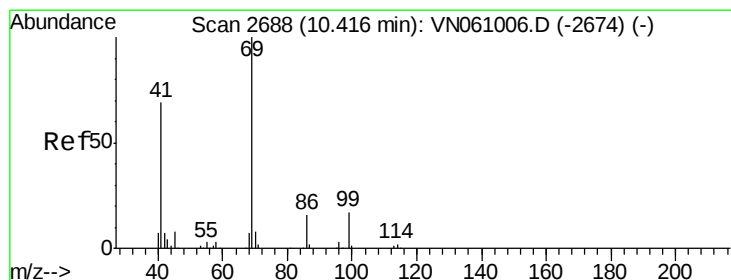
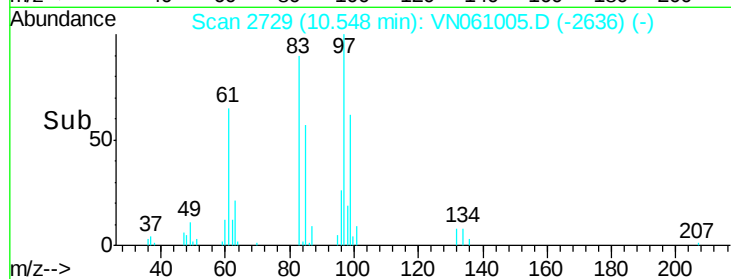
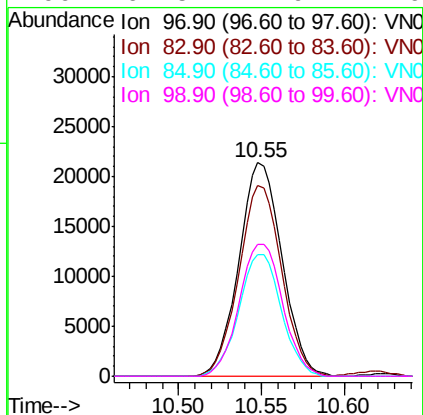
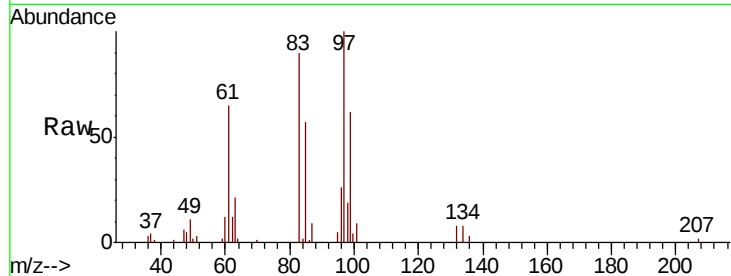




#55
 1,1,2-Trichloroethane
 Concen: 20.671 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

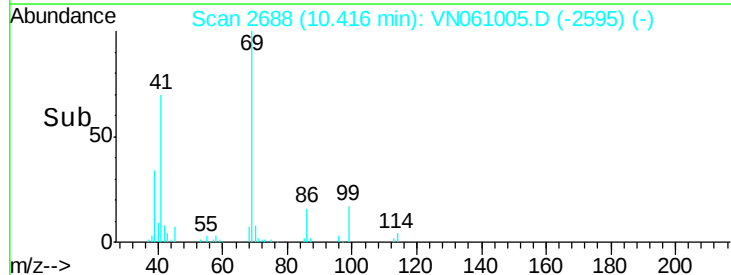
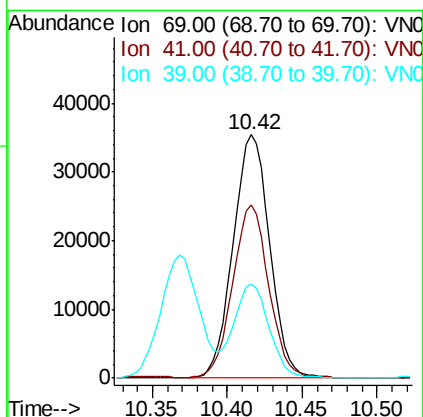
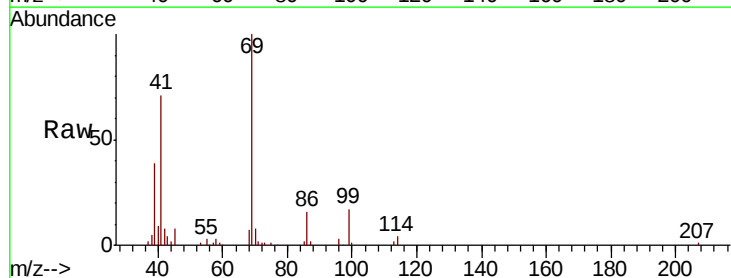
Instrument :
 MSVOA_N
 ClientSampleId :

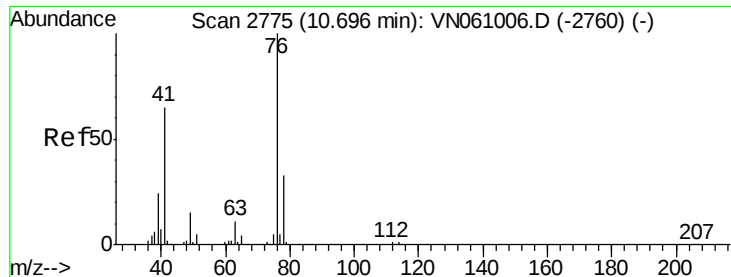
Tot Ion	97	Resp	38699
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.5	104.3
85	57.1	45.0	67.4
99	61.5	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 20.647 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion	69	Resp	60336
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.7	85.1
39	37.8	29.4	44.0





#57

1,3-Dichloropropane

Concen: 21.141 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

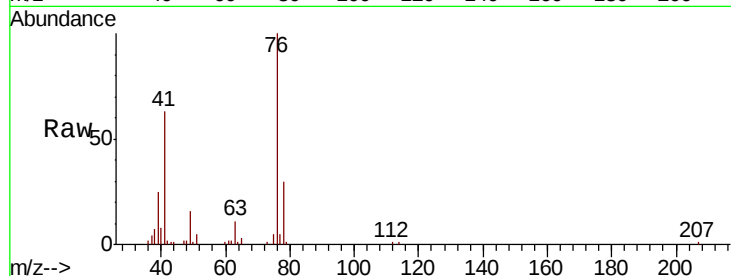
ClientSampled :

Tot Ion: 76 Resp: 68817

Ion Ratio Lower Upper

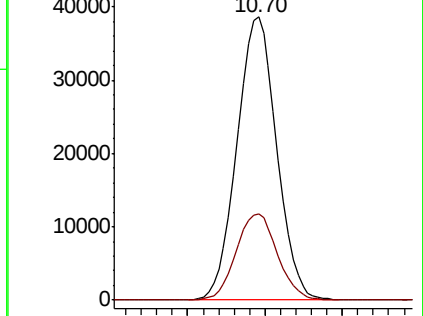
76 100

78 31.5 25.4 38.0

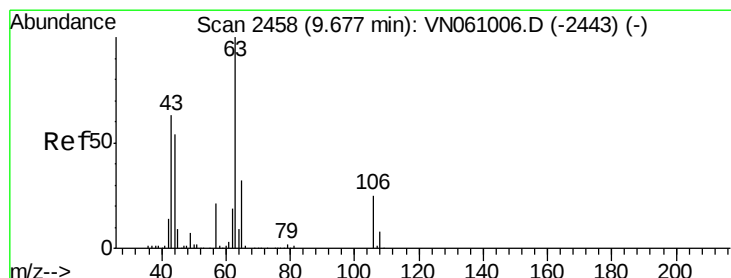
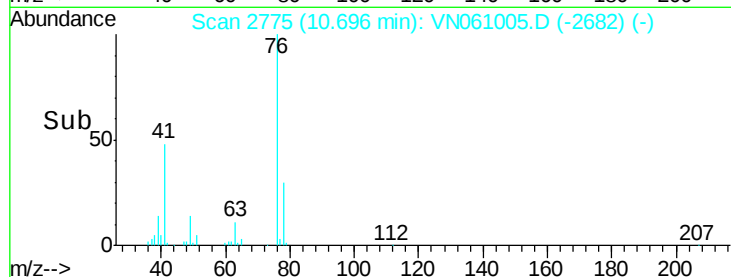


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.895 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN061005.D

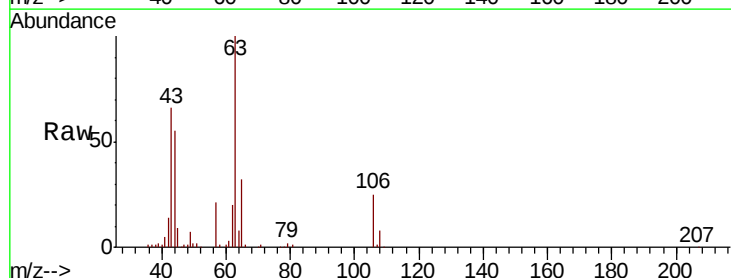
Acq: 16 Apr 2020 11:56

Tgt Ion: 63 Resp: 137876

Ion Ratio Lower Upper

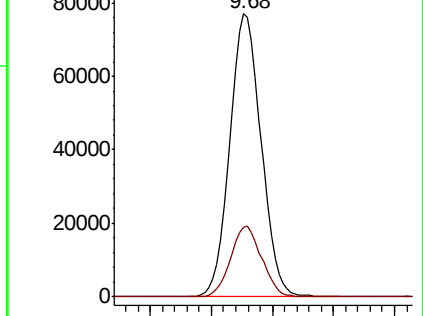
63 100

106 24.7 19.5 29.3

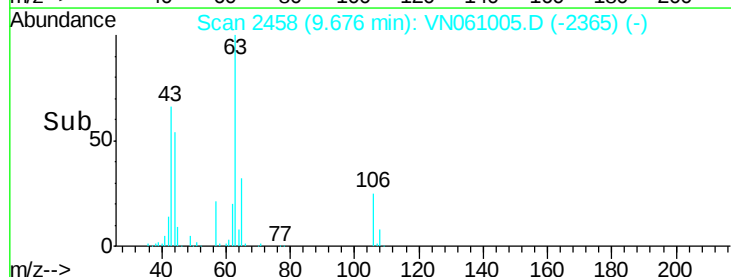


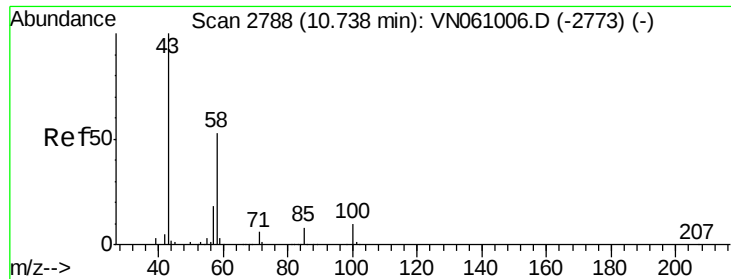
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->

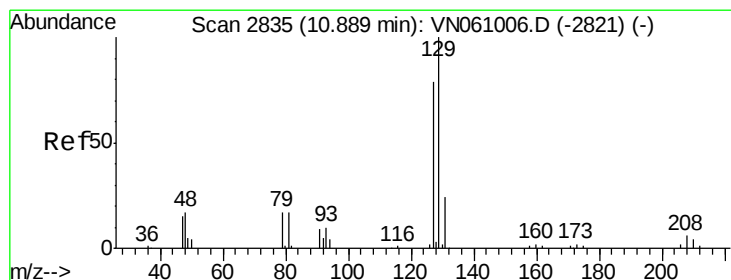
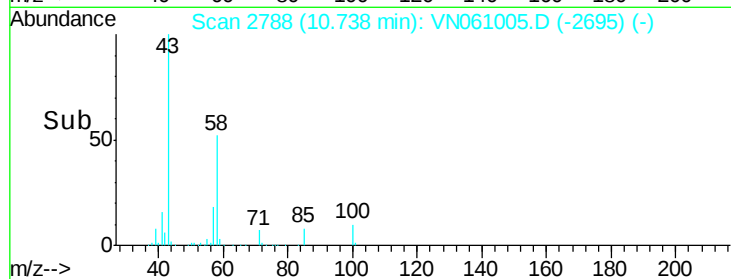
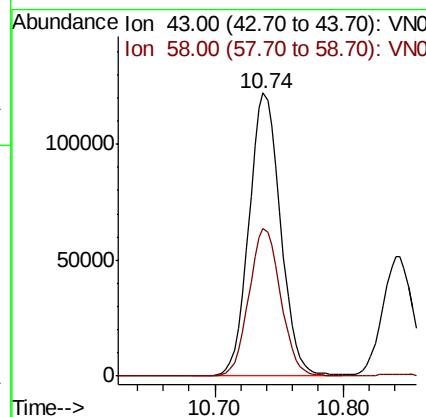
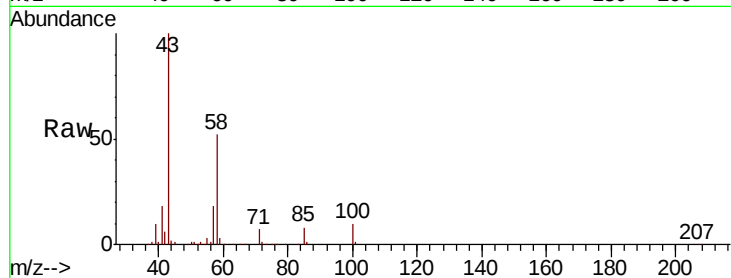




#59
2-Hexanone
Concen: 106.334 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

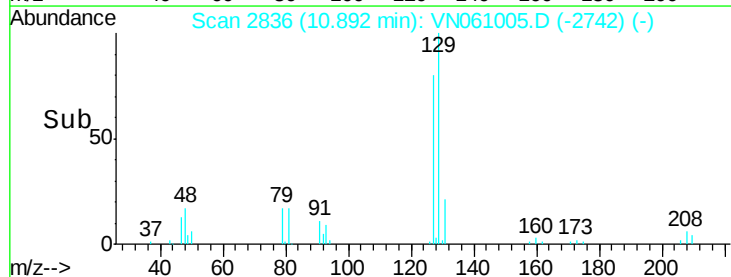
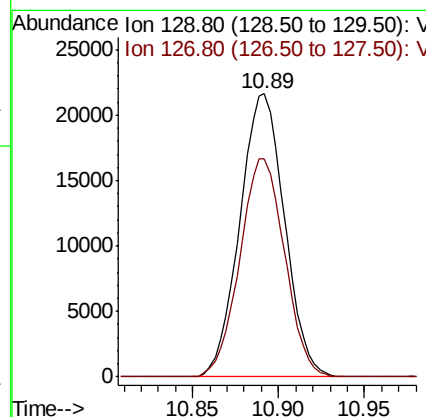
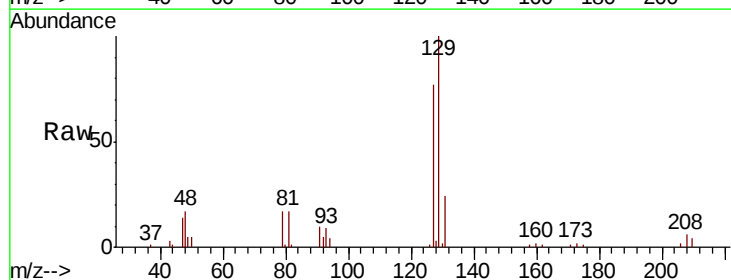
Instrument :
MSVOA_N
ClientSampled :

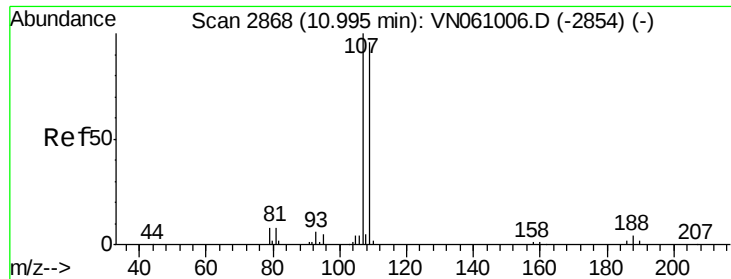
Tot Ion: 43 Resp: 208554
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 20.247 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 129 Resp: 39024
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9

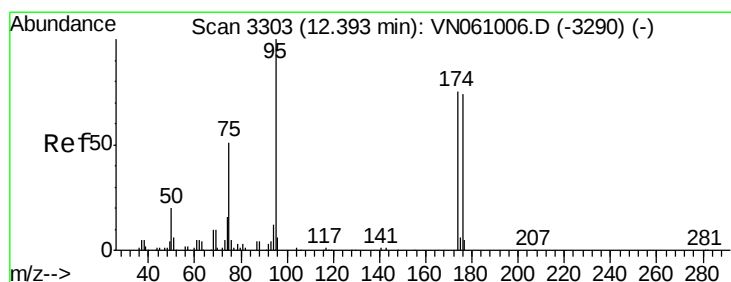
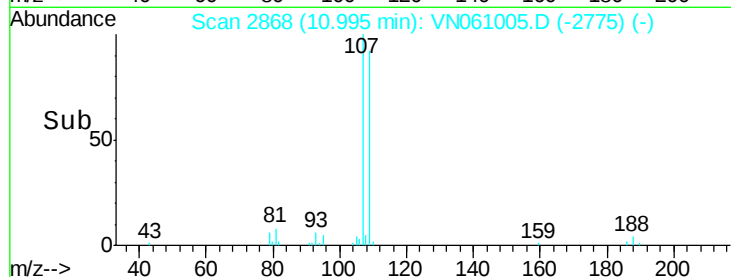
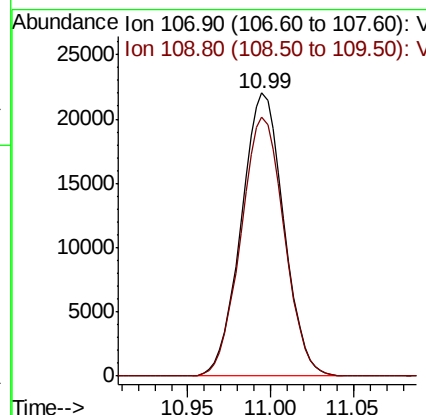
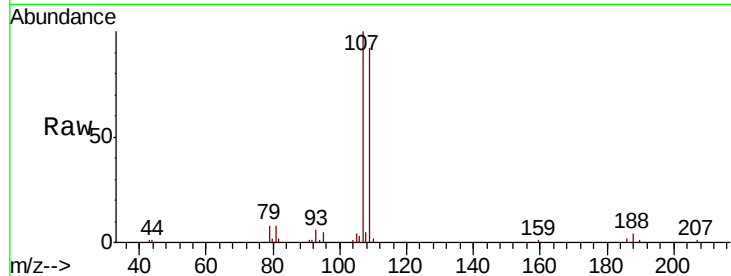




#61
 1,2-Dibromoethane
 Concen: 20.908 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

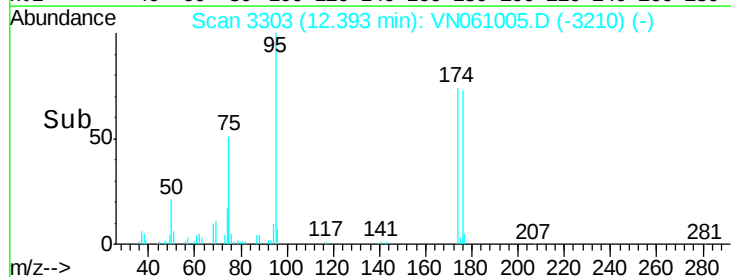
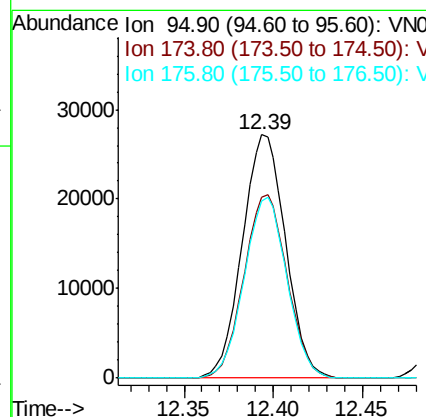
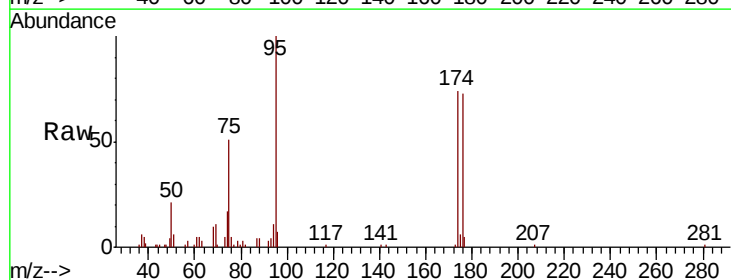
Instrument :
 MSVOA_N
 ClientSampled :

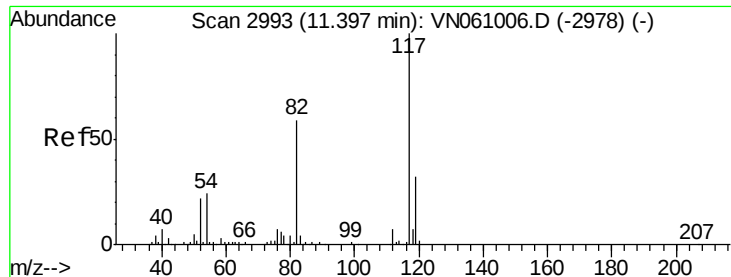
Tot Ion:107 Resp: 39230
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 18.954 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 95 Resp: 46096
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 151.2
 176 73.5 0.0 148.2

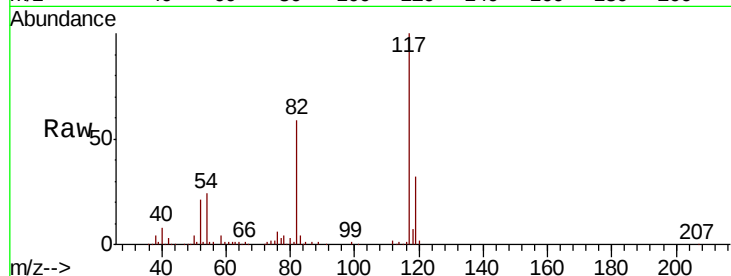




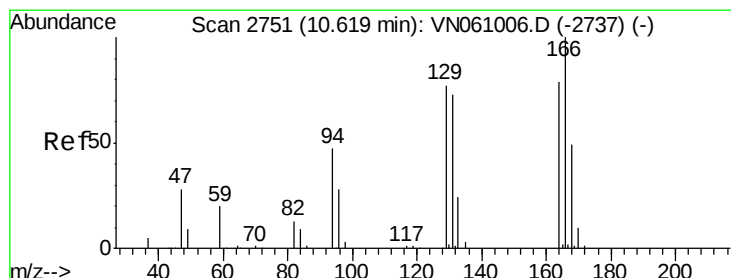
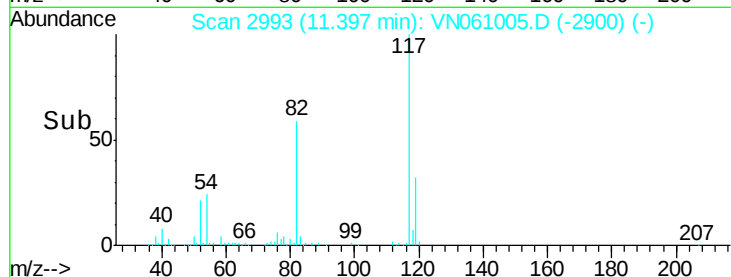
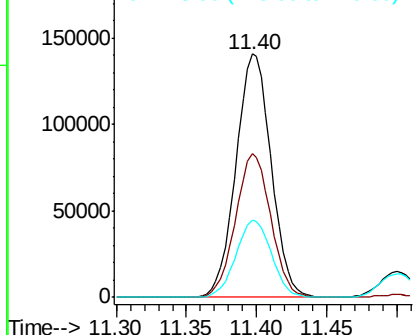
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 246269
Ion Ratio Lower Upper
117 100
82 59.0 47.1 70.7
119 31.5 25.7 38.5

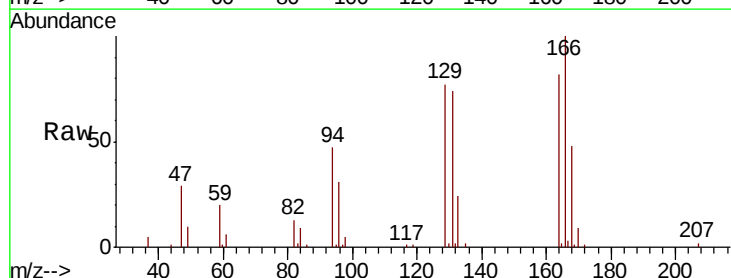


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

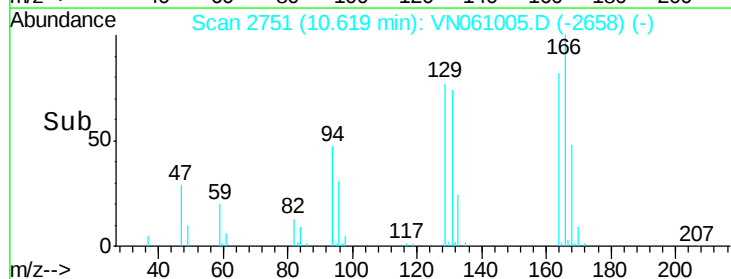
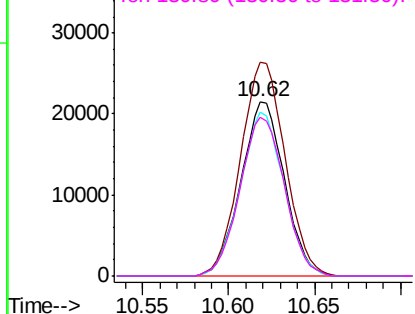


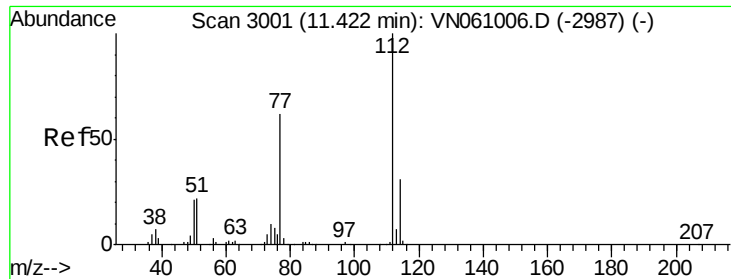
#64
Tetrachloroethene
Concen: 19.589 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion:164 Resp: 37769
Ion Ratio Lower Upper
164 100
166 122.5 101.6 152.4
129 94.1 78.5 117.7
131 91.3 74.3 111.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

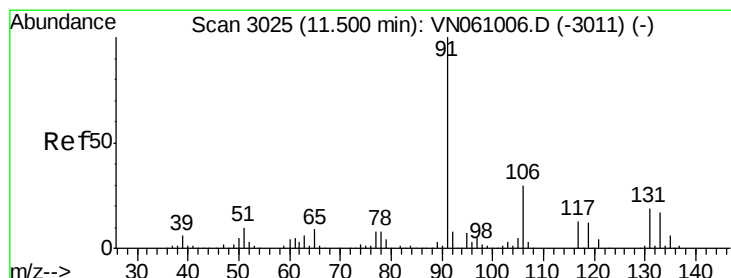
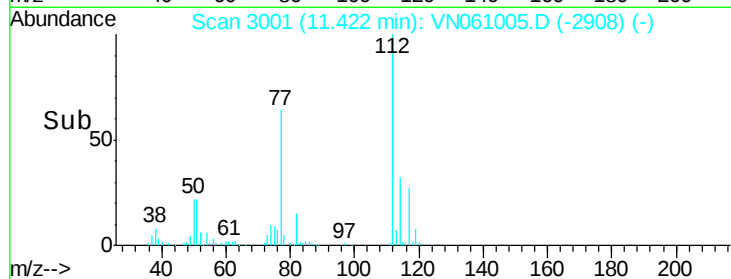
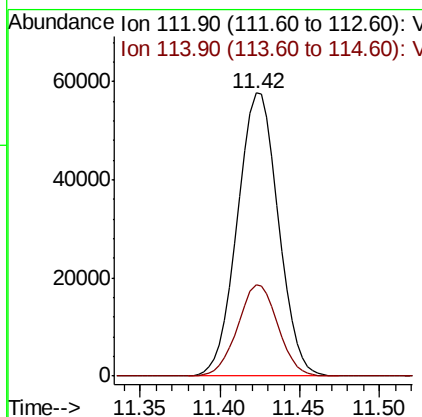
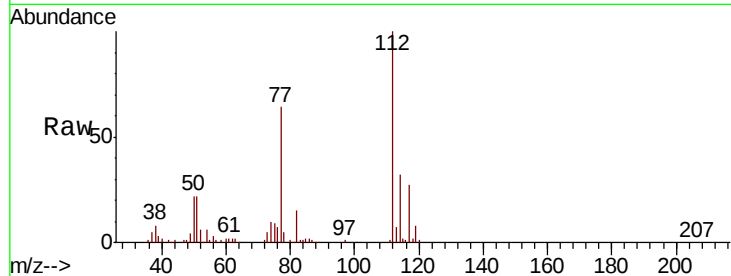




#65
Chlorobenzene
Concen: 20.509 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

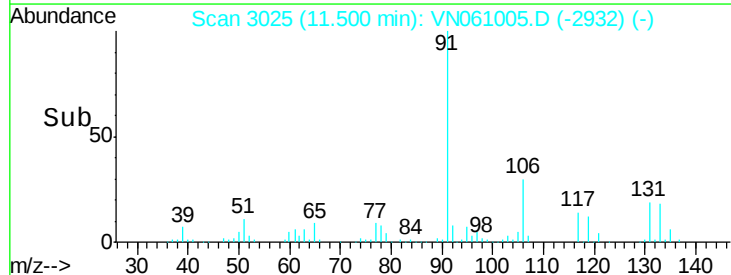
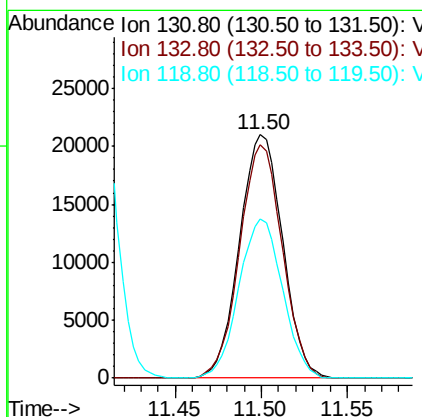
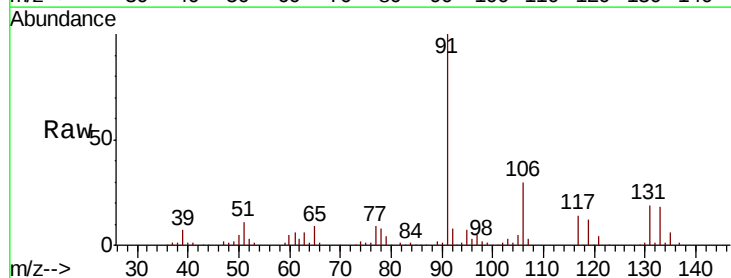
Instrument :
MSVOA_N
ClientSampleId :

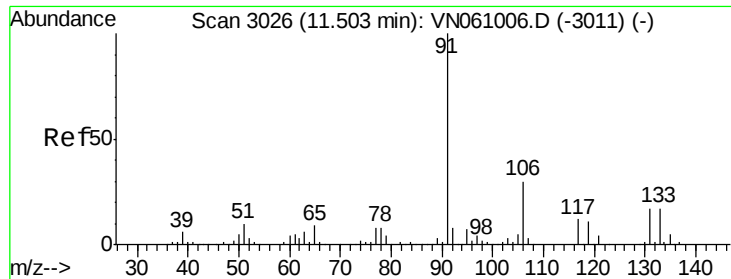
Tot Ion:112 Resp: 100711
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.658 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion:131 Resp: 36674
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 66.0 33.3 99.8

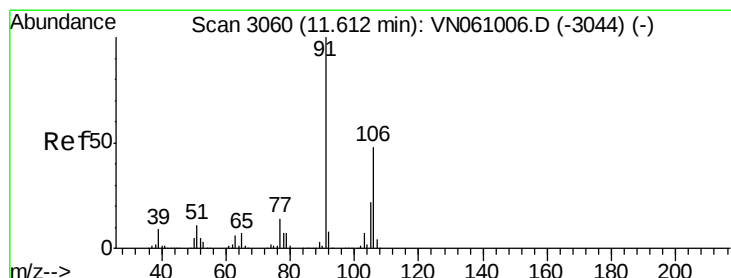
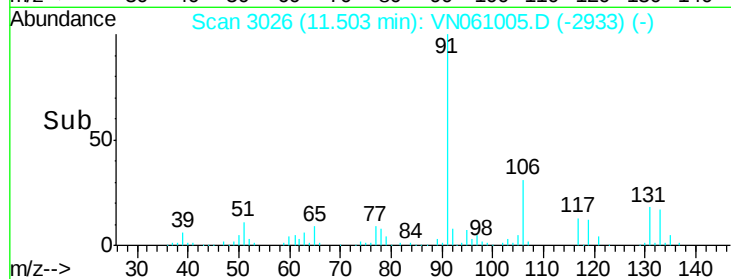
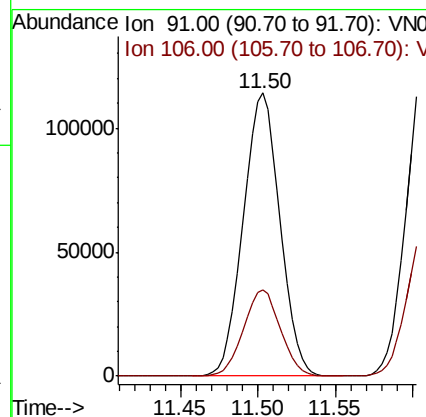
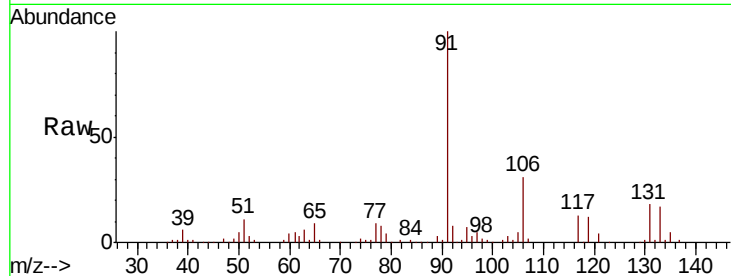




#67
Ethyl Benzene
Concen: 20.635 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

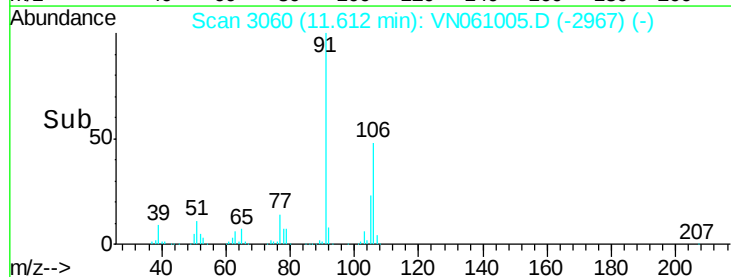
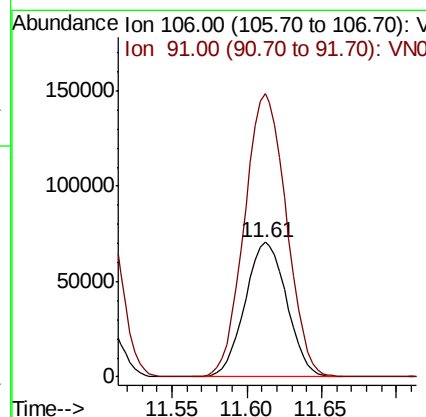
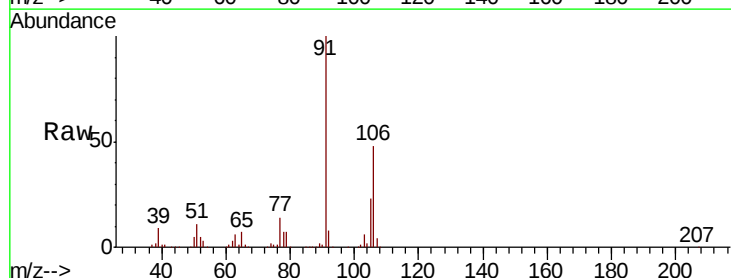
Instrument :
MSVOA_N
ClientSampled :

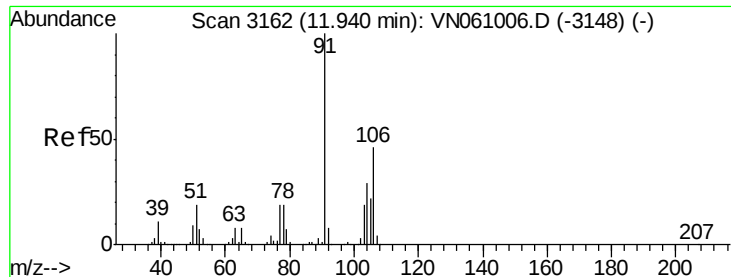
Tot Ion: 91 Resp: 188449
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 40.594 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 106 Resp: 137213
Ion Ratio Lower Upper
106 100
91 211.2 167.9 251.9

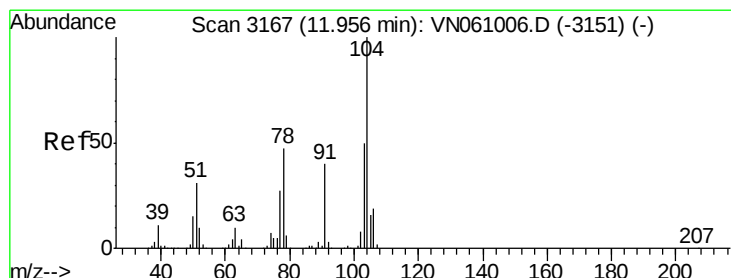
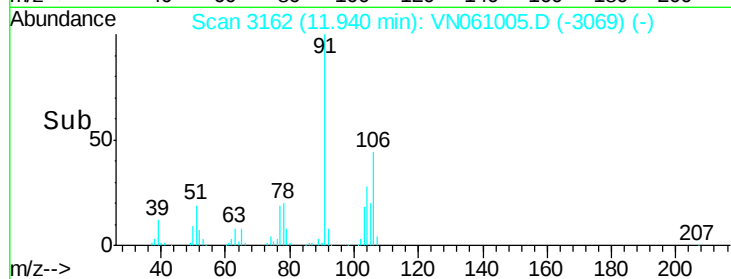
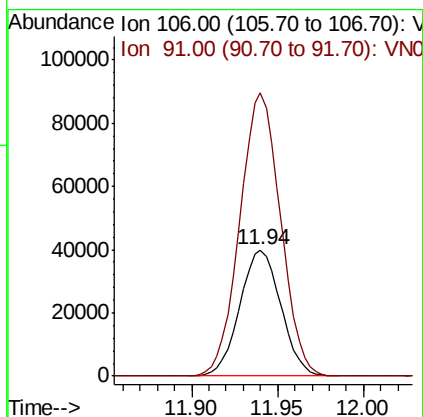
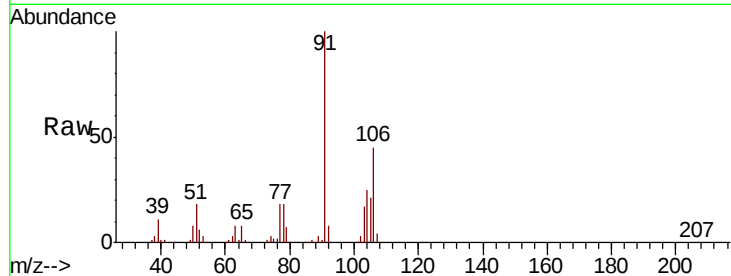




#69
o-Xylene
Concen: 20.526 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

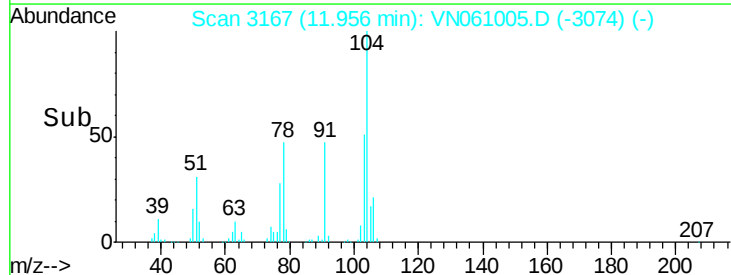
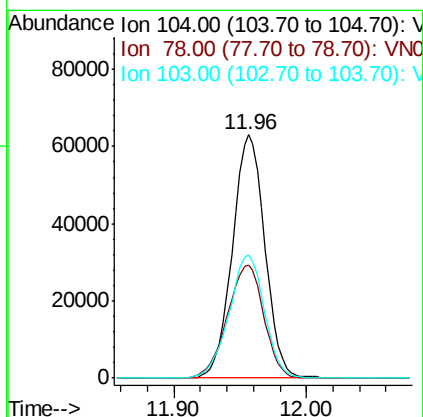
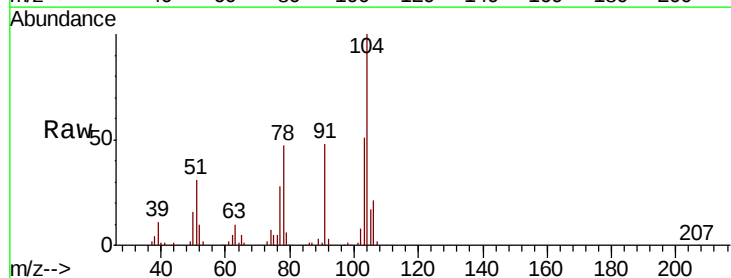
Instrument :
MSVOA_N
ClientSampled :

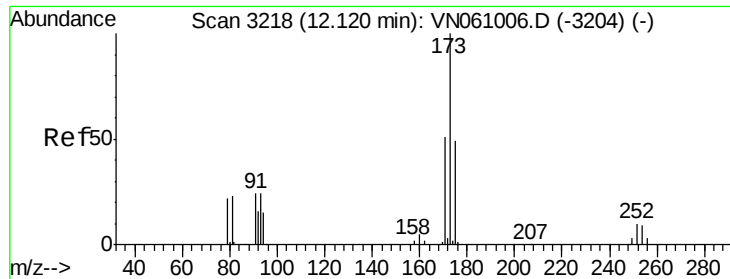
Tot Ion:106 Resp: 66215
Ion Ratio Lower Upper
106 100
91 222.6 110.7 332.1



#70
Styrene
Concen: 20.238 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion:104 Resp: 106893
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.4
103 55.1 44.4 66.6





#71

Bromoform

Concen: 20.704 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

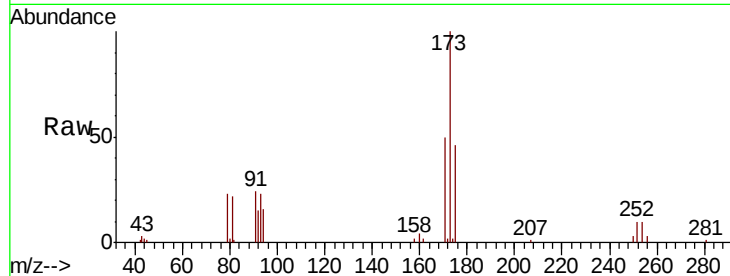
Tot Ion:173 Resp: 27393

Ion Ratio Lower Upper

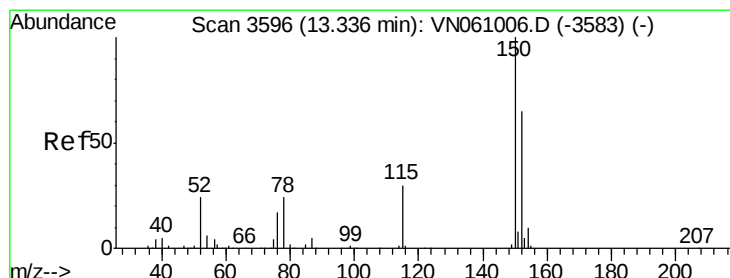
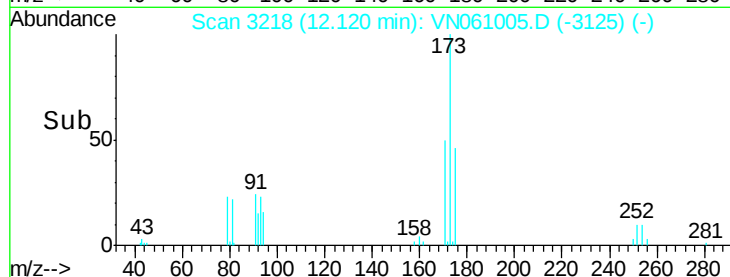
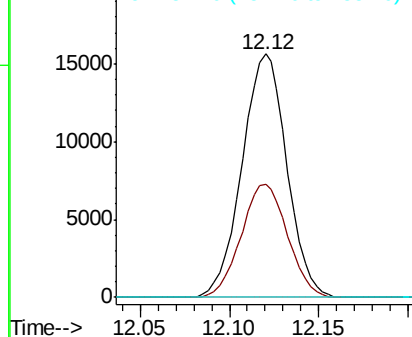
173 100

175 48.0 24.5 73.5

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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

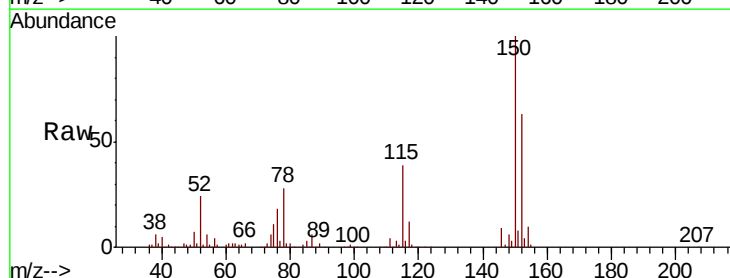
Tgt Ion:152 Resp: 110922

Ion Ratio Lower Upper

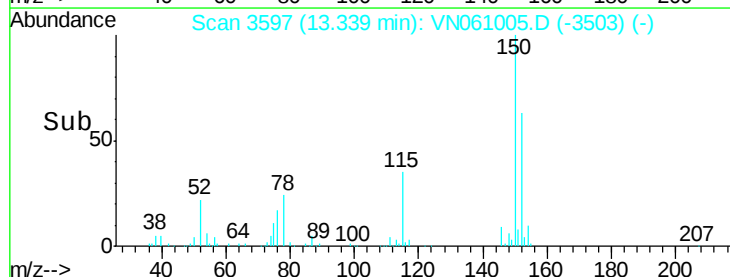
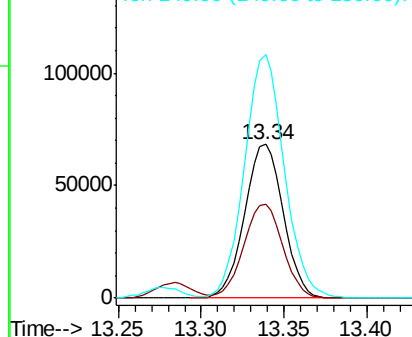
152 100

115 61.6 30.8 92.4

150 163.3 0.0 349.0



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: 21.190 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

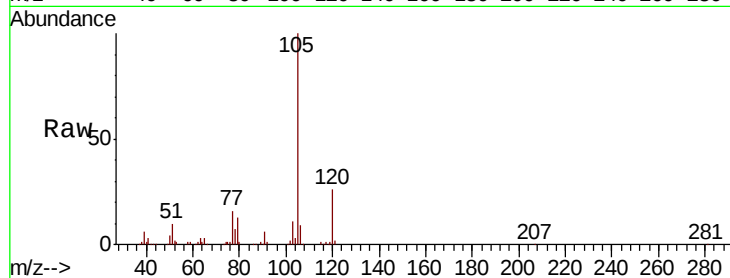
ClientSampled :

Tot Ion:105 Resp: 177402

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

100000

80000

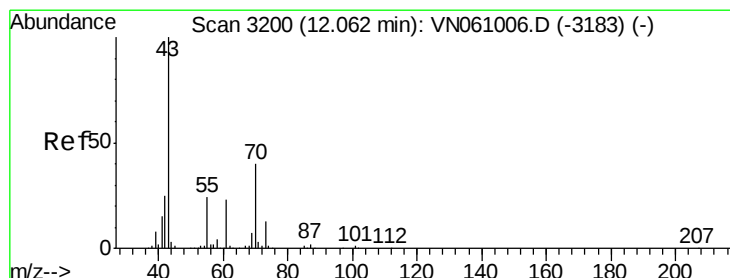
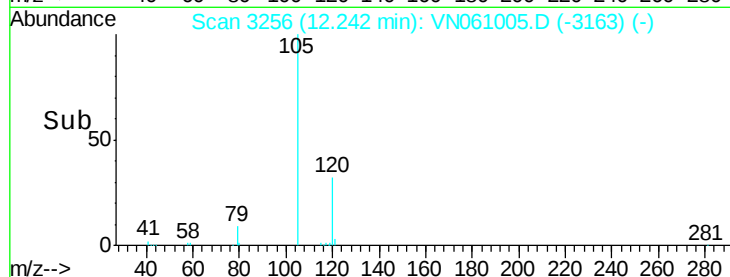
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 21.279 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Tgt Ion: 43 Resp: 82663

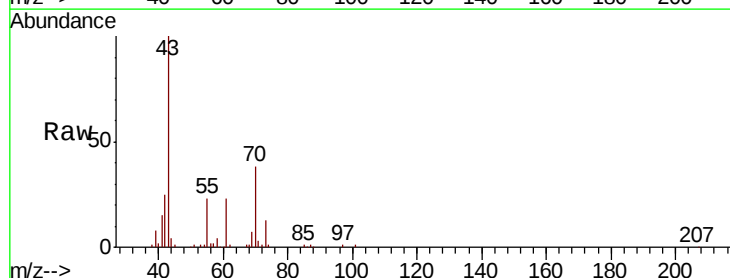
Ion Ratio Lower Upper

43 100

70 38.1 31.0 46.6

55 23.3 18.6 27.8

61 22.9 18.2 27.4



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

12.06

80000

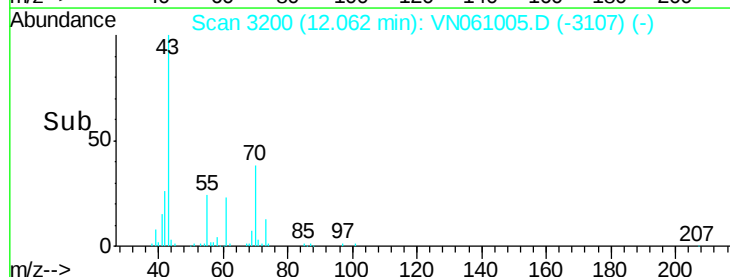
60000

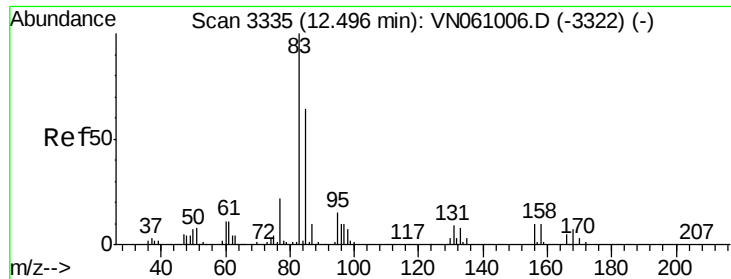
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.999 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

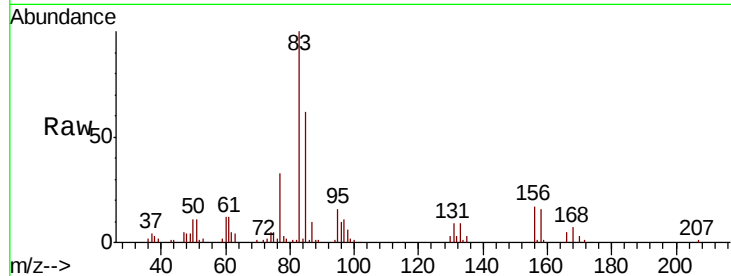
Tot Ion: 83 Resp: 55985

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

85 63.5 32.3 96.8

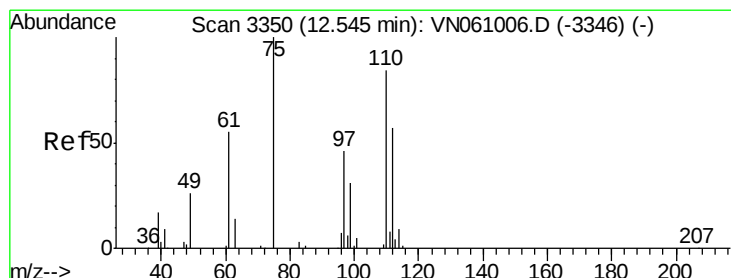
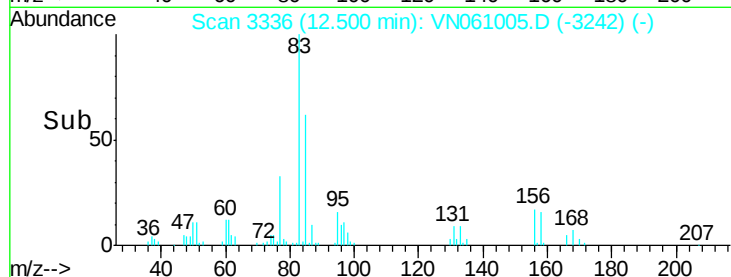


Abundance Ion 82.90 (82.60 to 83.60): VN061005.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN061005.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN061005.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 31.316 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061005.D

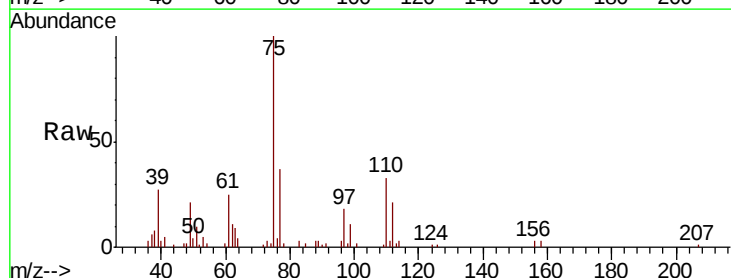
Acq: 16 Apr 2020 11:56

Tgt Ion: 75 Resp: 75227

Ion Ratio Lower Upper

75 100

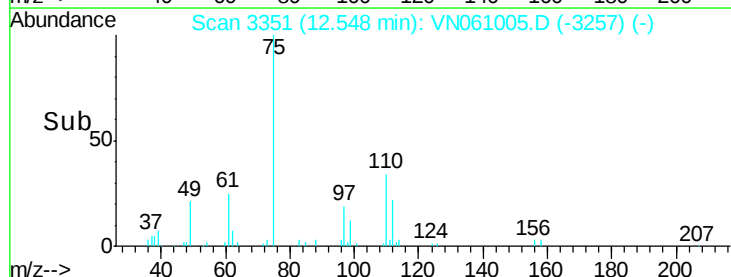
77 0.0 0.0 0.0

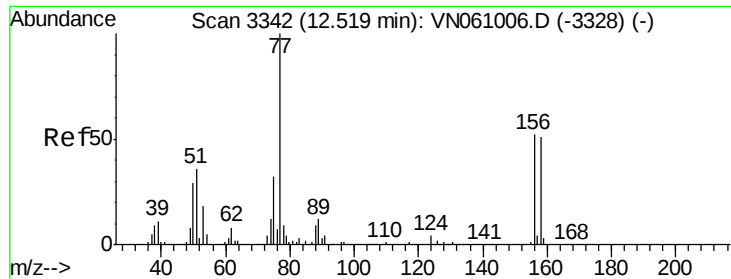


Abundance Ion 74.90 (74.60 to 75.60): VN061005.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN061005.D (-3350) (-)

Time-->





#77

Bromobenzene

Concen: 20.834 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

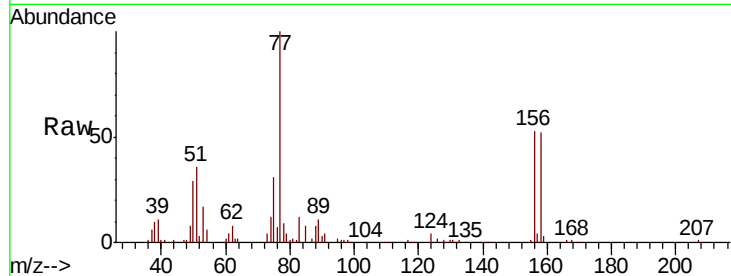
Tot Ion:156 Resp: 41870

Ion Ratio Lower Upper

156 100

77 227.0 115.6 346.8

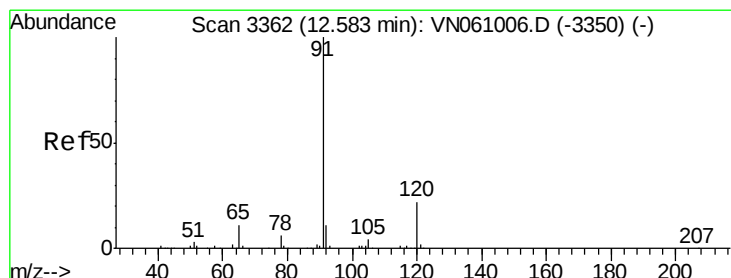
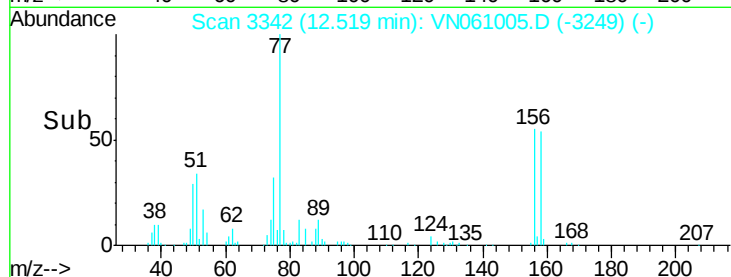
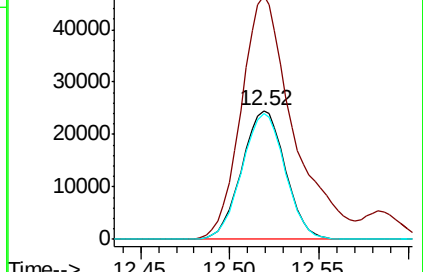
158 96.8 48.9 146.6



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: 21.128 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN061005.D

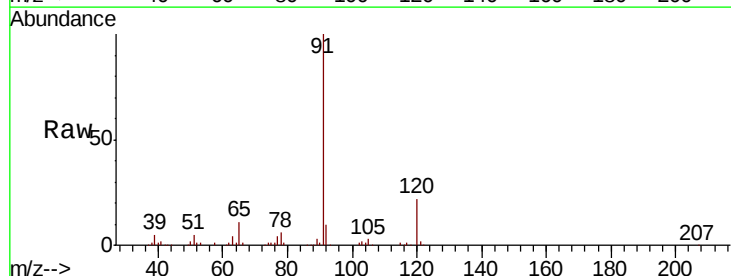
Acq: 16 Apr 2020 11:56

Tgt Ion: 91 Resp: 209653

Ion Ratio Lower Upper

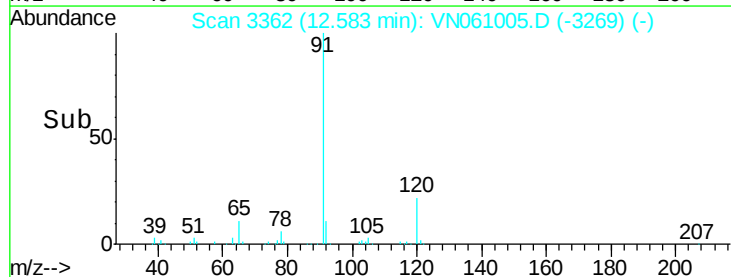
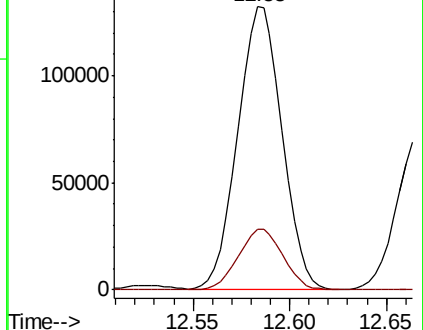
91 100

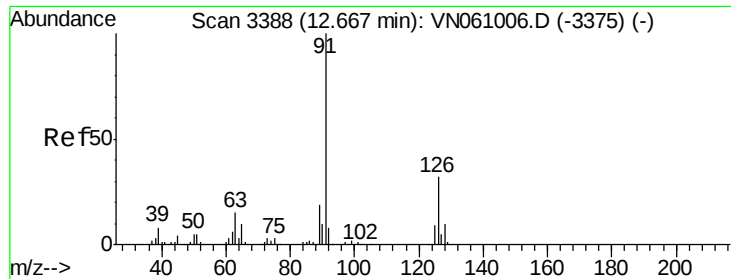
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.749 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

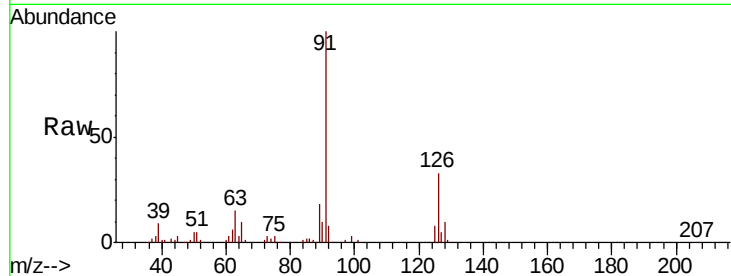
ClientSampled :

Tot Ion: 91 Resp: 122540

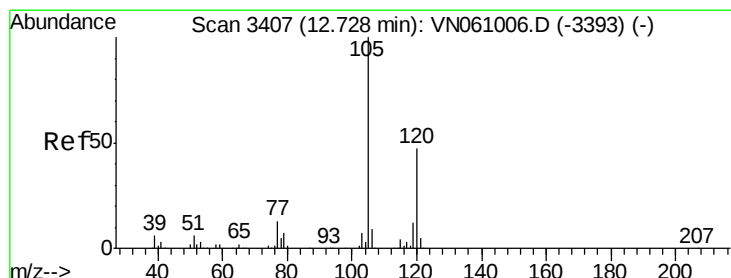
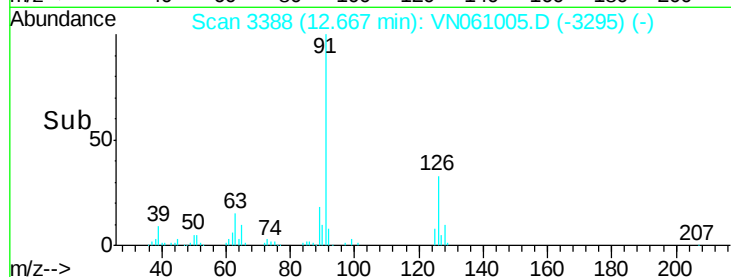
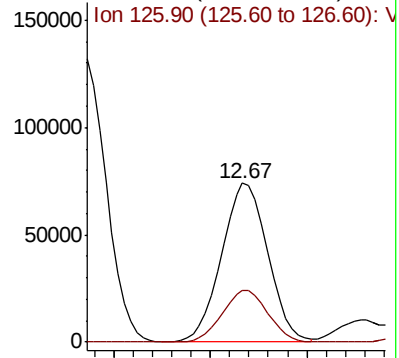
Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061005.D (-3295) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.843 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN061005.D

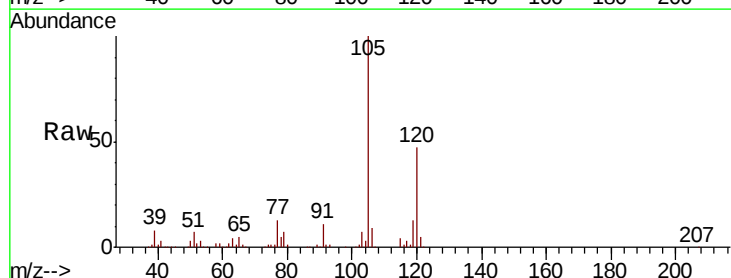
Acq: 16 Apr 2020 11:56

Tgt Ion:105 Resp: 148198

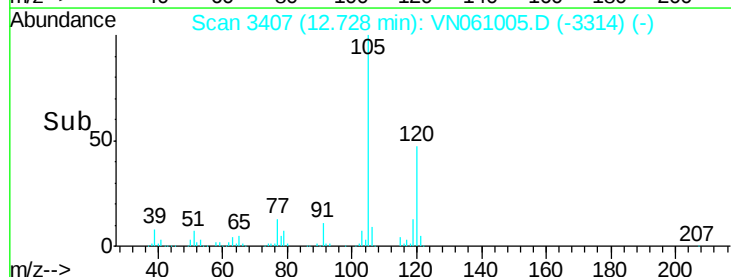
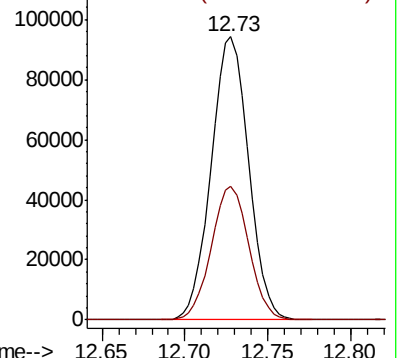
Ion Ratio Lower Upper

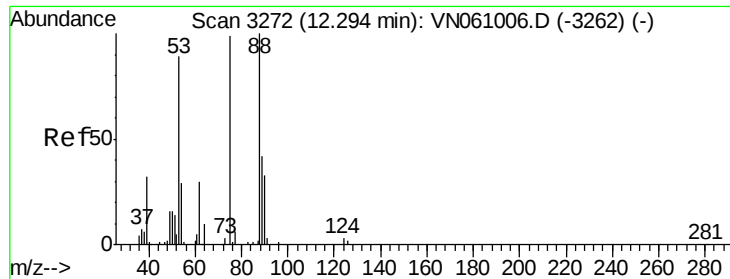
105 100

120 47.2 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061005.D (-3314) (-)

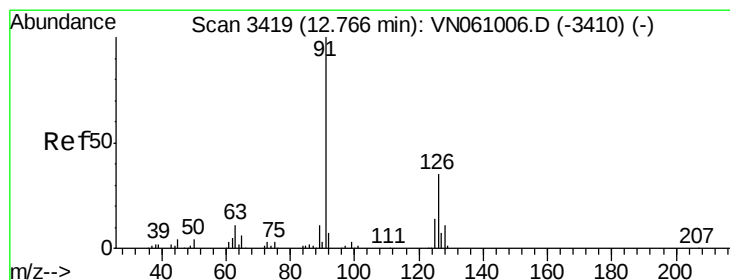
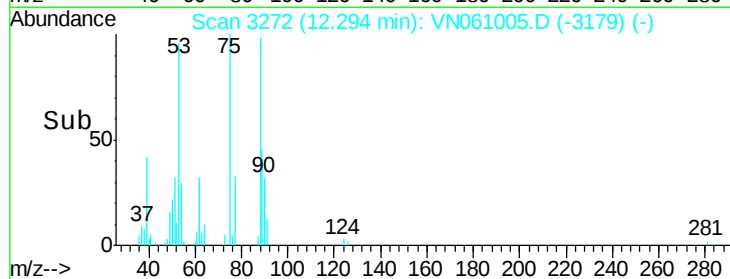
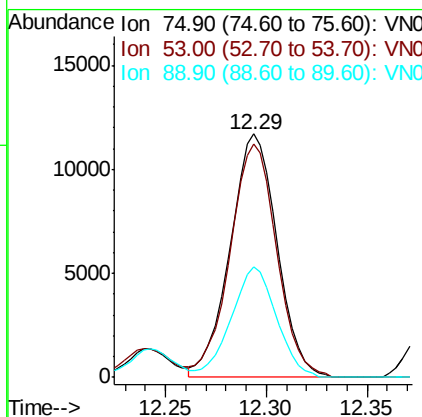
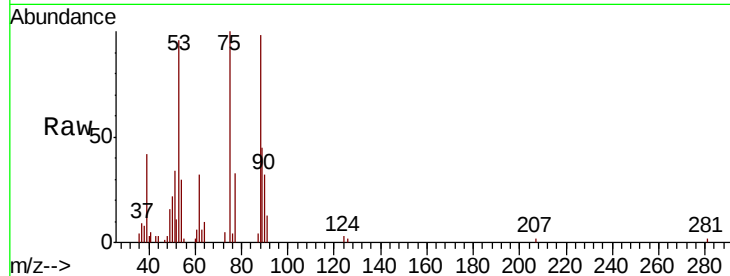




#81
trans-1,4-Dichloro-2-butene
Concen: 20.320 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

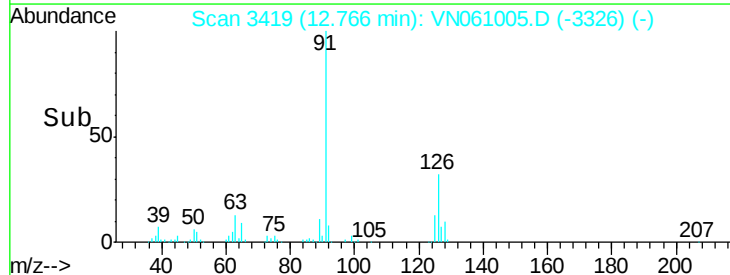
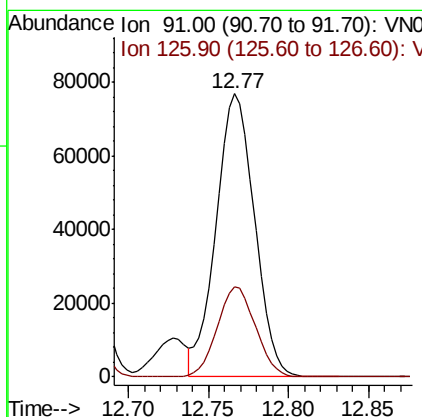
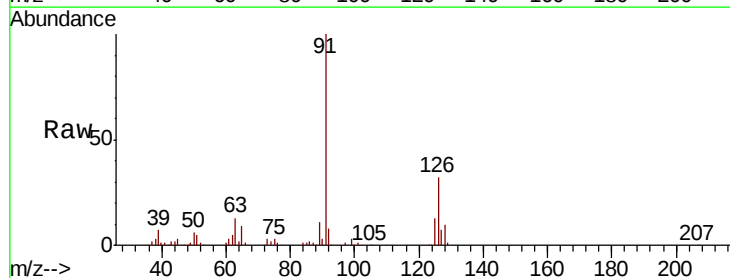
Instrument :
MSVOA_N
ClientSampleId :

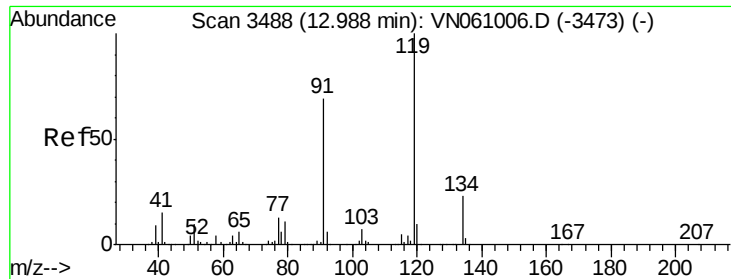
Tot Ion: 75 Resp: 19105
Ion Ratio Lower Upper
75 100
53 95.3 74.7 112.1
89 43.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 21.067 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 91 Resp: 127006
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.6

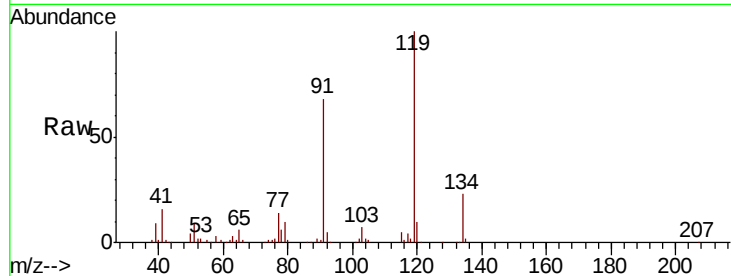




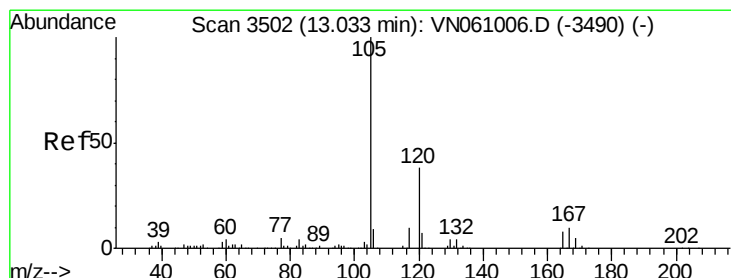
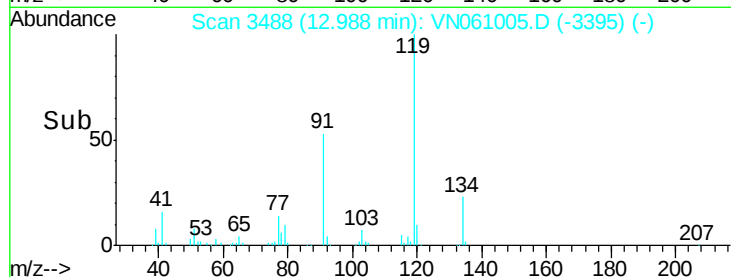
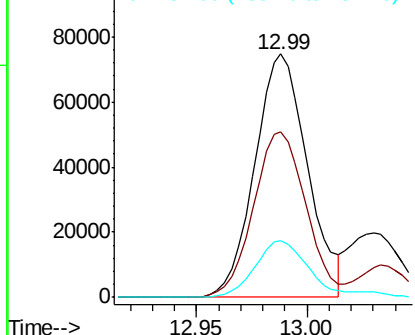
#83
tert-Butylbenzene
Concen: 21.039 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 124028
Ion Ratio Lower Upper
119 100
91 67.8 34.1 102.3
134 24.9 12.4 37.2

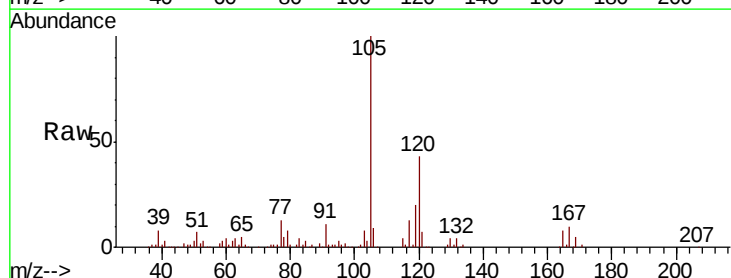


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

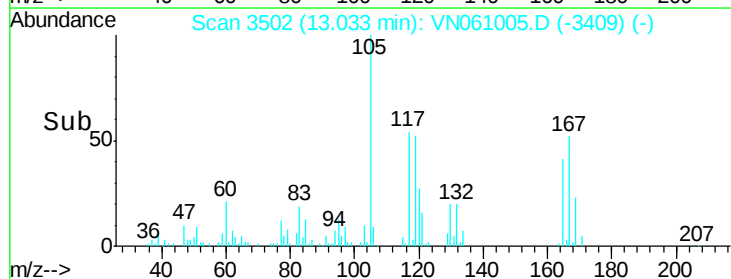
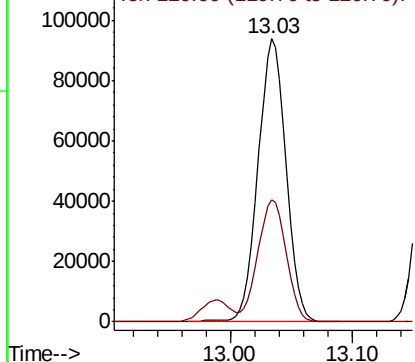


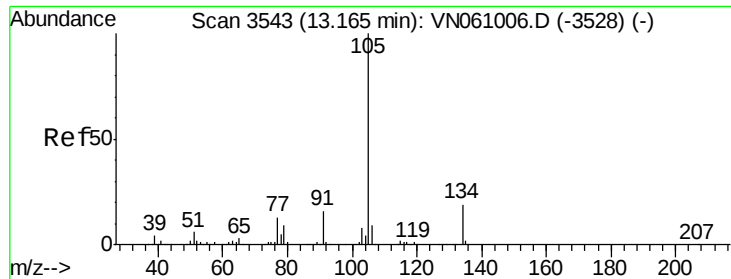
#84
1,2,4-Trimethylbenzene
Concen: 21.137 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion:105 Resp: 148563
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.005 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

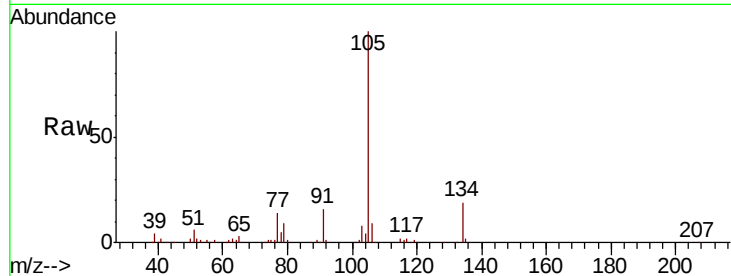
ClientSampleId :

Tot Ion:105 Resp: 166914

Ion Ratio Lower Upper

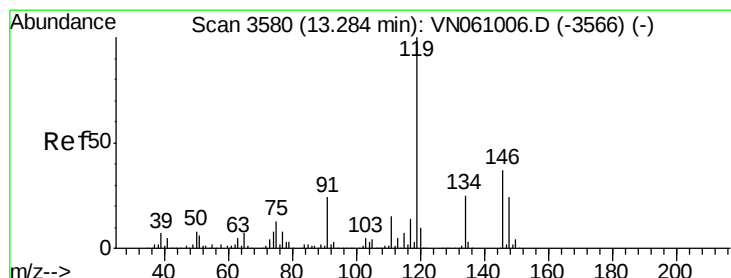
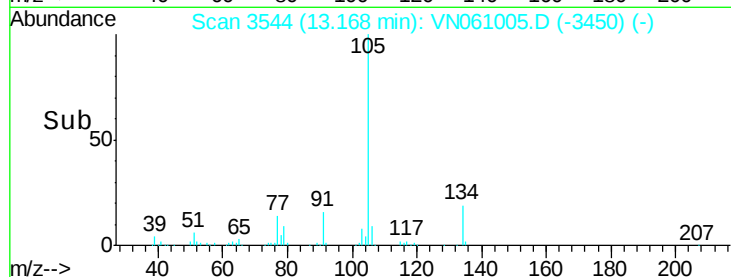
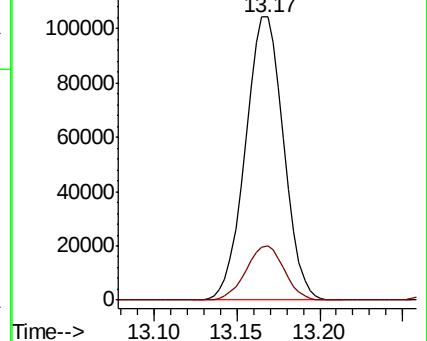
105 100

134 19.2 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.897 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

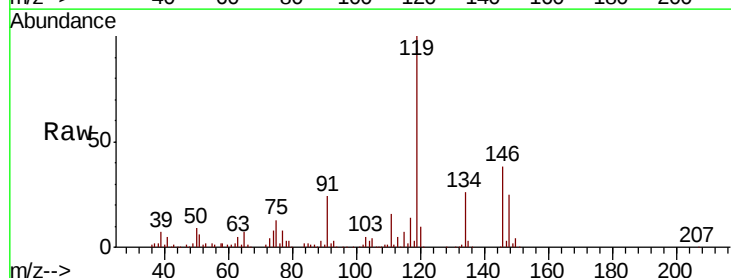
Tgt Ion:119 Resp: 149179

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

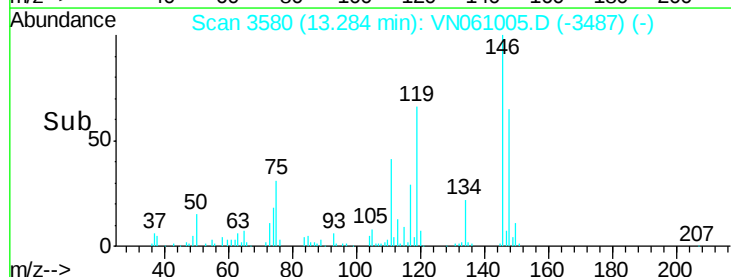
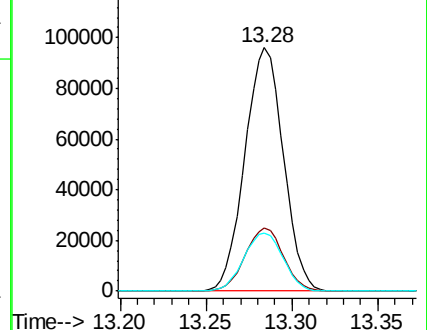
91 24.5 12.3 36.8

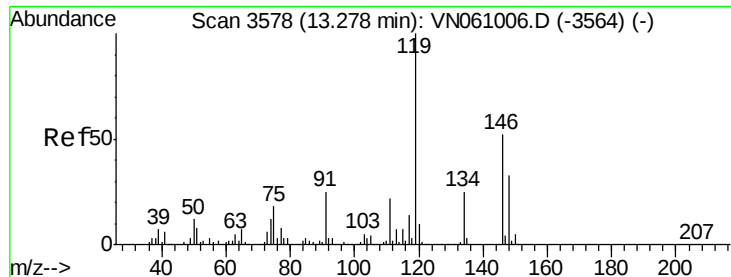


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.706 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

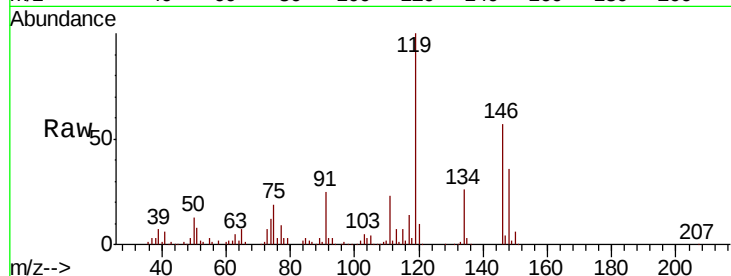
Tot Ion:146 Resp: 73659

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

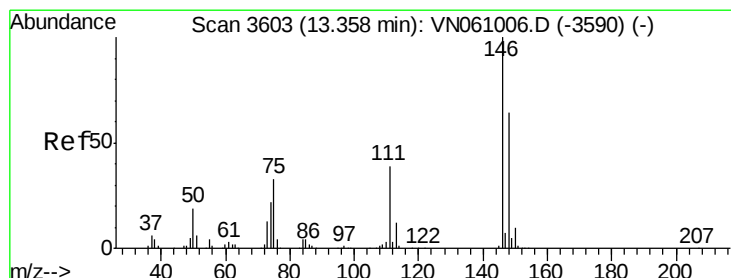
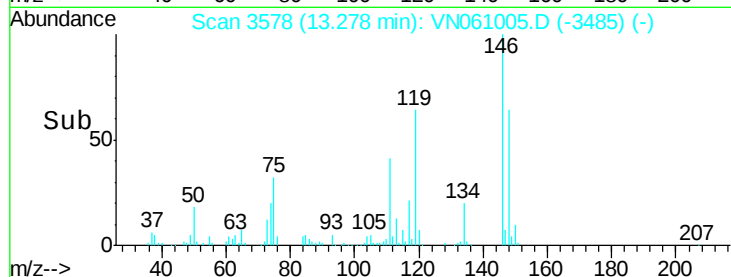
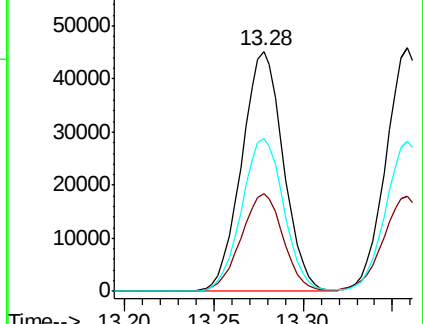
148 64.4 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 20.675 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

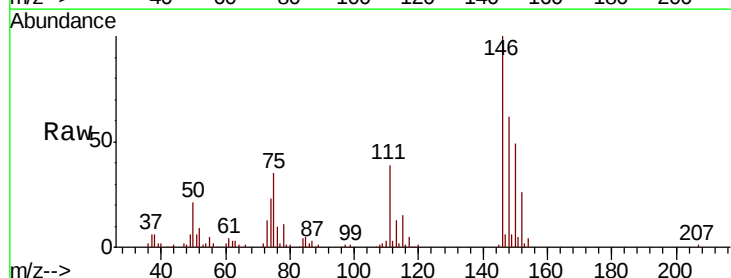
Tgt Ion:146 Resp: 73788

Ion Ratio Lower Upper

146 100

111 41.0 20.1 60.3

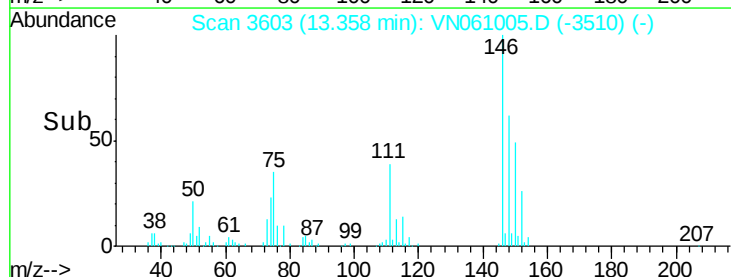
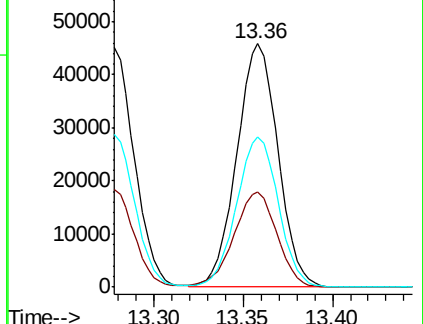
148 62.7 32.1 96.3

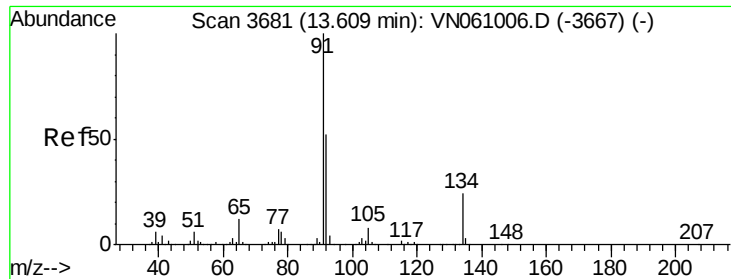


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

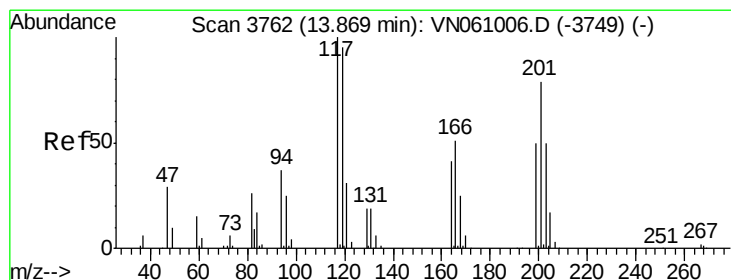
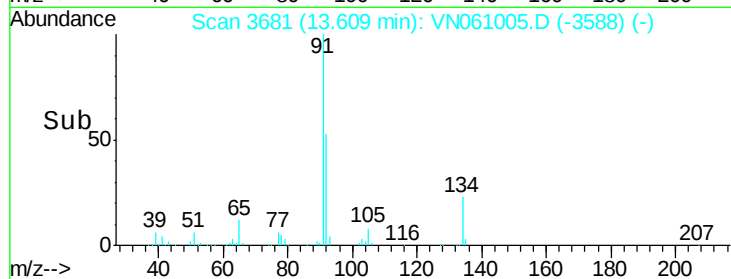
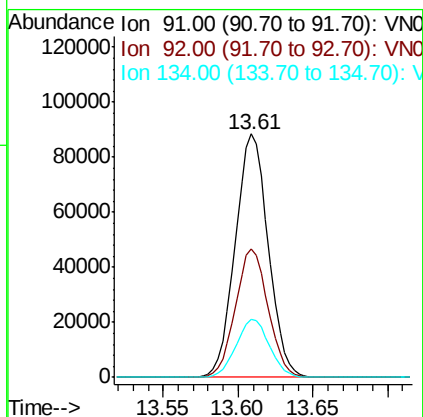
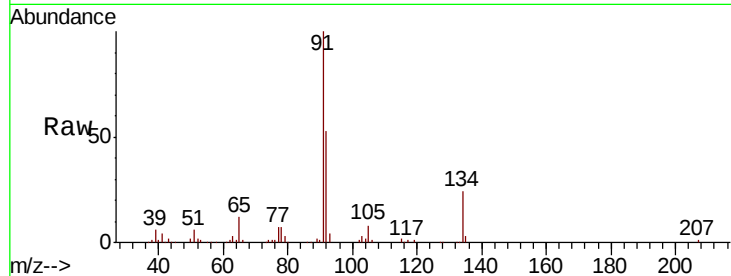




#89
n-Butylbenzene
Concen: 20.950 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

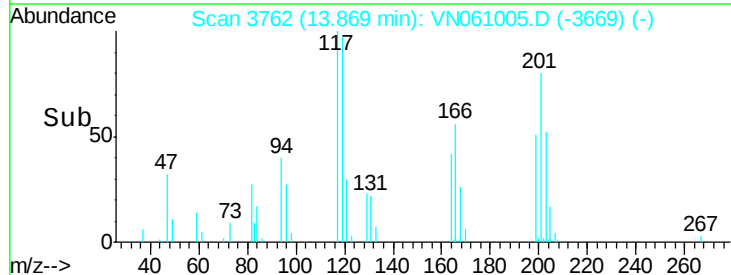
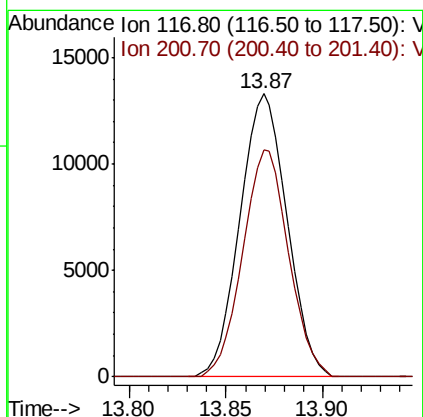
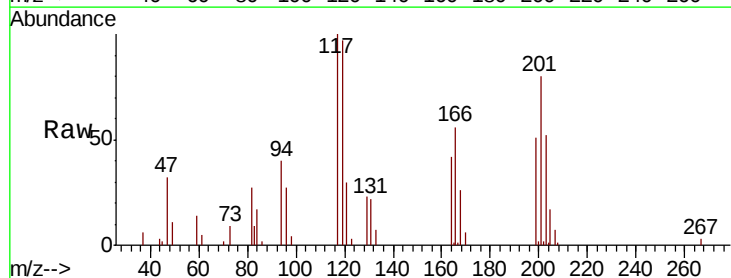
Instrument :
MSVOA_N
ClientSampleId :

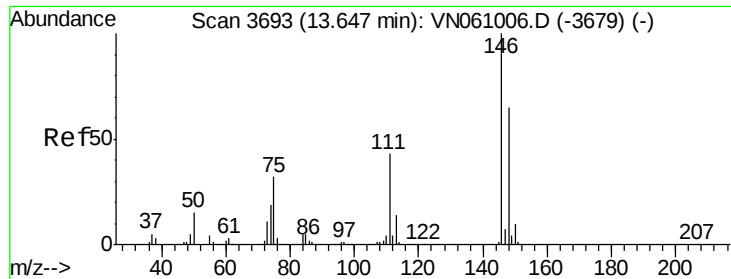
Tot Ion: 91 Resp: 135696
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 24.0 12.3 36.8



#90
Hexachloroethane
Concen: 21.670 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN061005.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 117 Resp: 22555
Ion Ratio Lower Upper
117 100
201 78.2 39.3 117.9

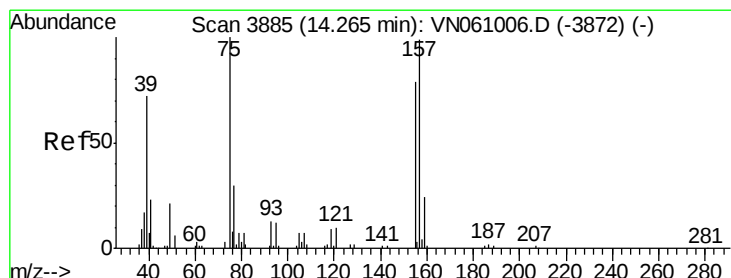
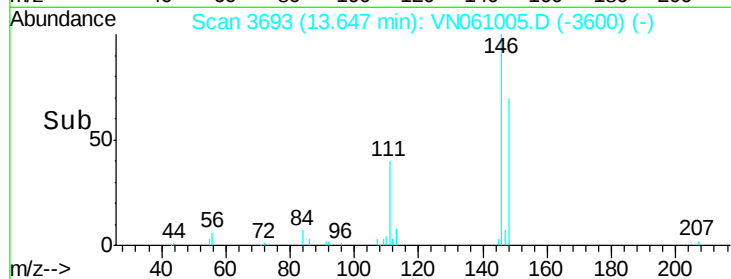
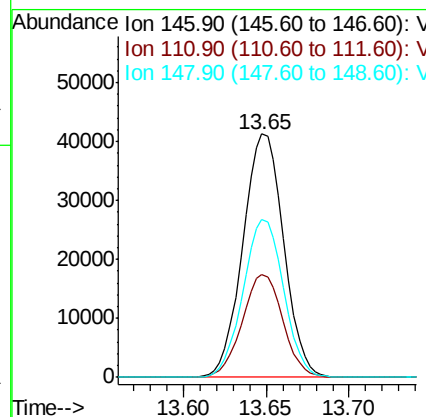
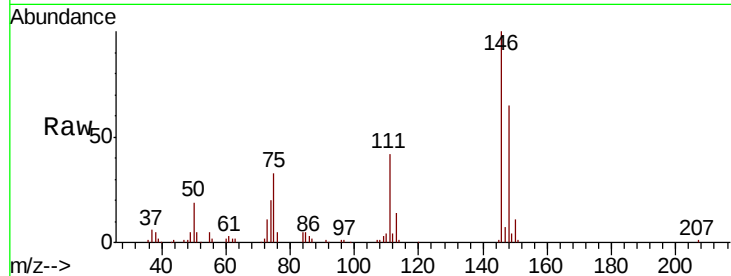




#91
 1,2-Dichlorobenzene
 Concen: 20.810 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

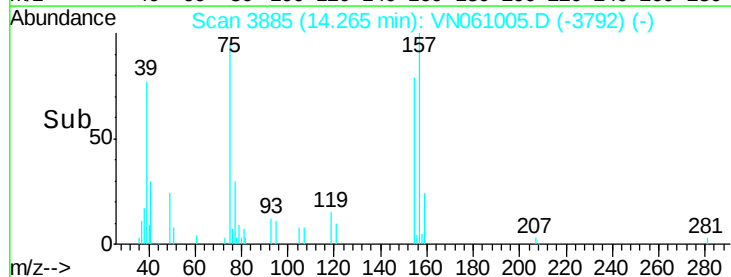
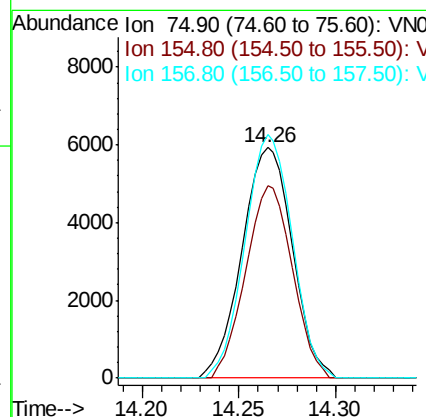
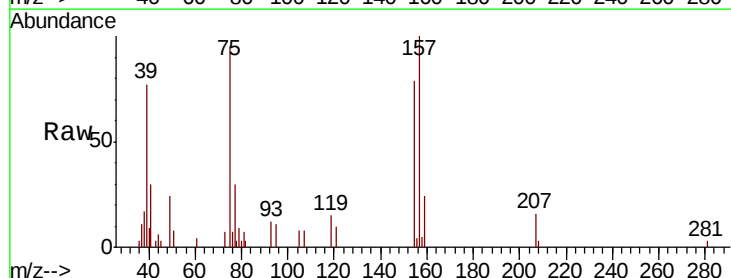
Instrument :
 MSVOA_N
 ClientSampleId :

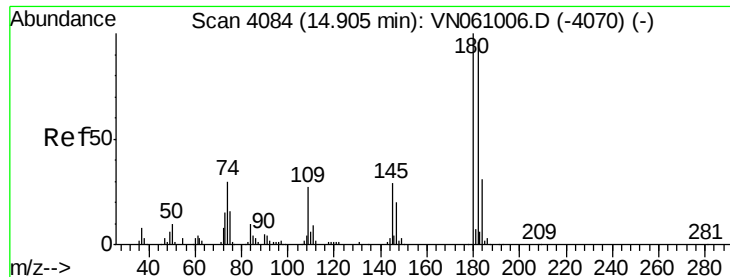
Tot Ion:146 Resp: 70581
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 64.0
 148 64.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.911 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 75 Resp: 10783
 Ion Ratio Lower Upper
 75 100
 155 77.1 39.5 118.5
 157 98.8 50.1 150.4

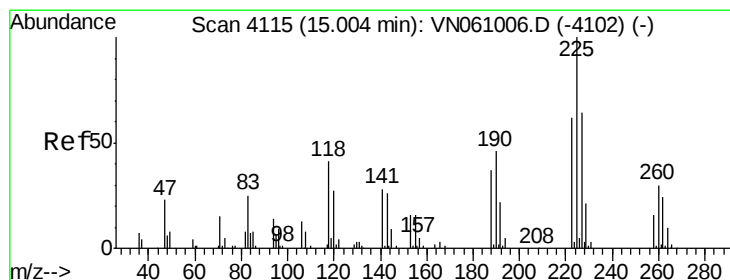
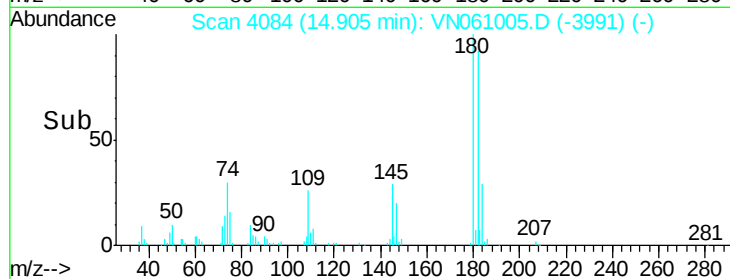
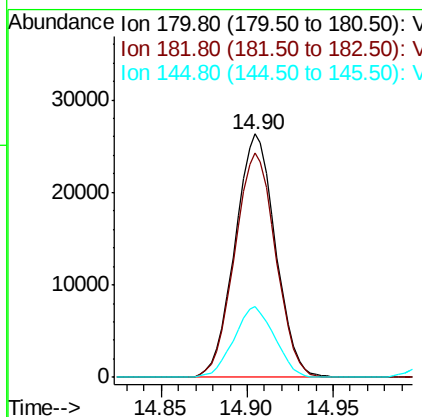
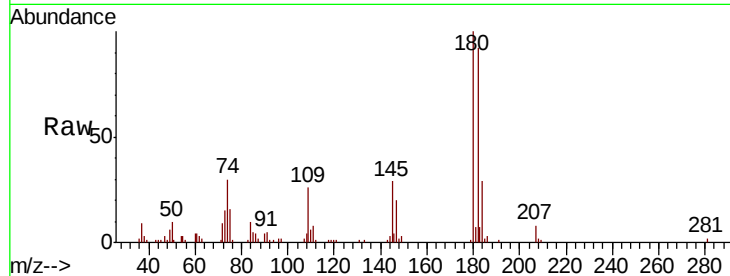




#93
 1,2,4-Trichlorobenzene
 Concen: 20.629 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

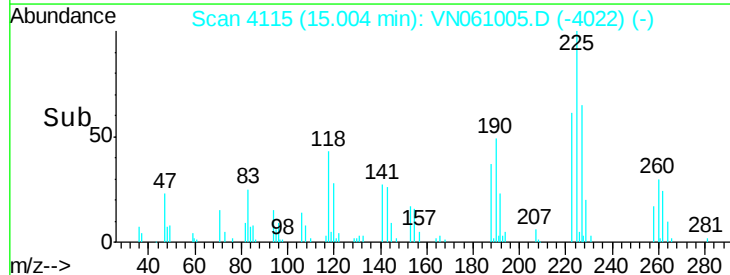
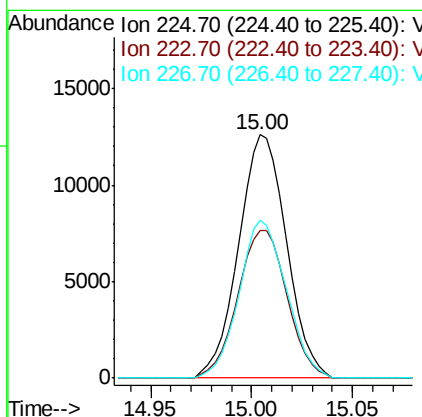
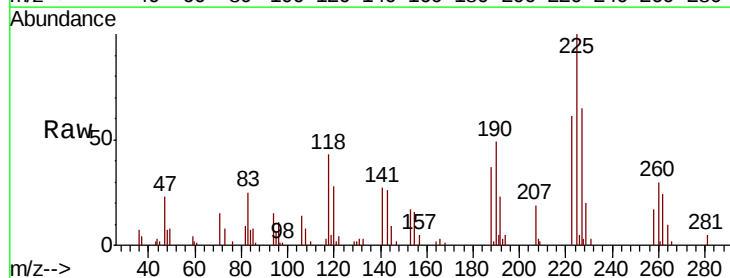
Instrument :
 MSVOA_N
 ClientSampleId :

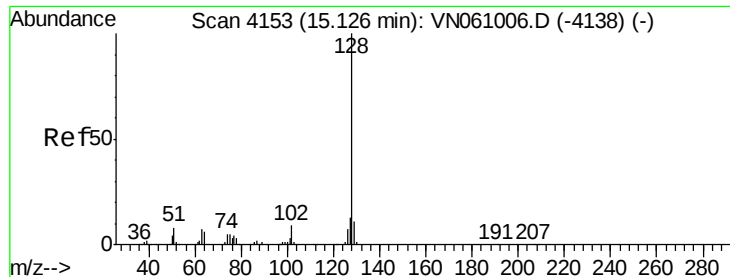
Tot Ion:180 Resp: 42942
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.8 143.3
 145 29.1 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 20.407 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN061005.D
 Acq: 16 Apr 2020 11:56

Tgt Ion:225 Resp: 20999
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.8
 227 63.7 31.9 95.5





#95

Naphthalene

Concen: 20.192 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

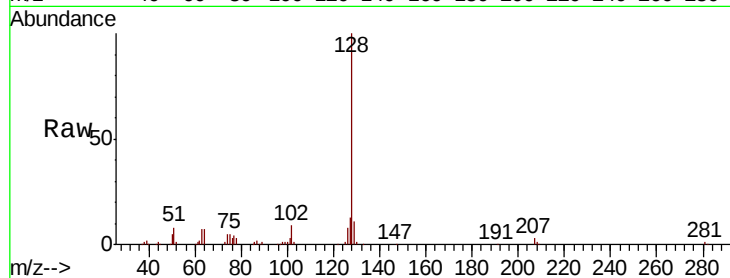
Tot Ion:128 Resp: 125769

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

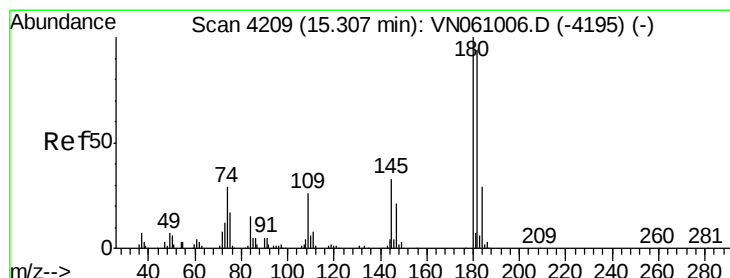
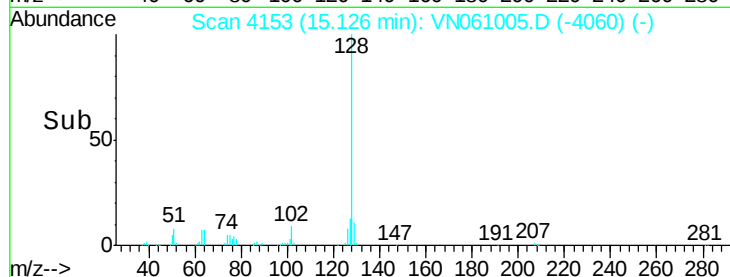
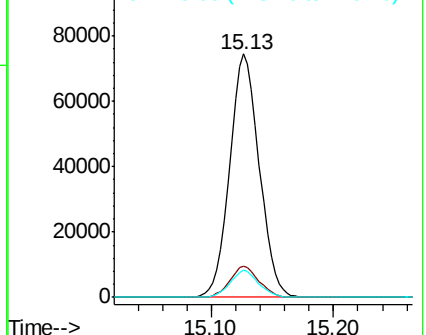
129 10.6 8.6 13.0



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: 20.007 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.00 min

Lab File: VN061005.D

Acq: 16 Apr 2020 11:56

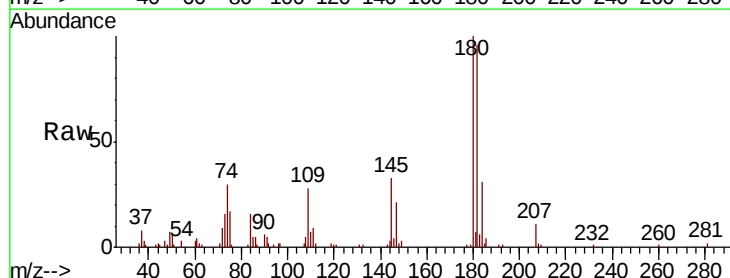
Tgt Ion:180 Resp: 41030

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.8

145 32.8 16.4 49.2



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

