

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061246.D
 Acq On : 2 May 2020 00:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 06:45:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	91585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	163250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	154479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	71411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	78793	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.54	113	46413	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.06	98	192199	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.37	95	71821	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	42860	44.132	ug/l 100
3) Chloromethane	2.03	50	74989	63.754	ug/l 100
4) Vinyl Chloride	2.16	62	69252	51.837	ug/l 99
5) Bromomethane	2.53	94	33128	50.165	ug/l 100
6) Chloroethane	2.67	64	46208	54.569	ug/l 97
7) Trichlorofluoromethane	2.98	101	78846	52.311	ug/l 99
8) Diethyl Ether	3.37	74	42942	68.304	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47012	48.415	ug/l 99
10) Methyl Iodide	3.91	142	66091	52.962	ug/l 98
11) Tert butyl alcohol	4.72	59	56762	292.398	ug/l 100
12) 1,1-Dichloroethene	3.69	96	48473	50.164	ug/l 98
13) Acrolein	3.56	56	37184	287.432	ug/l 97
14) Allyl chloride	4.27	41	118784	66.297	ug/l 94
15) Acrylonitrile	4.92	53	193060	323.972	ug/l 99
16) Acetone	3.77	43	167855	300.614	ug/l 96
17) Carbon Disulfide	4.01	76	124341	46.583	ug/l 100
18) Methyl Acetate	4.27	43	103174	56.314	ug/l 99
19) Methyl tert-butyl Ether	4.98	73	226597	61.370	ug/l 99
20) Methylene Chloride	4.50	84	68507	60.626	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	57769	54.903	ug/l 98
22) Diisopropyl ether	5.90	45	269307	64.819	ug/l 99
23) Vinyl Acetate	5.84	43	1080985	323.131	ug/l 99
24) 1,1-Dichloroethane	5.79	63	126266	58.166	ug/l 100
25) 2-Butanone	6.78	43	260443	303.719	ug/l 100
26) 2,2-Dichloropropane	6.77	77	81491	44.569	ug/l 99
27) cis-1,2-Dichloroethene	6.77	96	71920	58.245	ug/l 97
28) Bromochloromethane	7.15	49	66259	64.397	ug/l 94
29) Tetrahydrofuran	7.16	42	180253	312.051	ug/l 97
30) Chloroform	7.32	83	124810	56.735	ug/l 97
31) Cyclohexane	7.61	56	90830	43.085	ug/l 99
32) 1,1,1-Trichloroethane	7.52	97	95090	49.639	ug/l 99
36) 1,1-Dichloropropene	7.75	75	79170	48.445	ug/l 100
37) Ethyl Acetate	6.87	43	115263	60.163	ug/l 100
38) Carbon Tetrachloride	7.73	117	66440	44.809	ug/l 97

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Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 06:45:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	82246	44.877	ug/l	97
40) Benzene	8.00	78	264760	54.380	ug/l	100
41) Methacrylonitrile	7.16	41	164715	207.071	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	108706	58.937	ug/l	100
43) Isopropyl Acetate	8.12	43	189656	59.649	ug/l	99
44) Trichloroethene	8.80	130	62681	47.624	ug/l	98
45) 1,2-Dichloropropane	9.08	63	76721	58.983	ug/l	99
46) Dibromomethane	9.17	93	48437	60.143	ug/l	99
47) Bromodichloromethane	9.37	83	101539	58.739	ug/l	99
48) Methyl methacrylate	9.16	41	87326	60.864	ug/l	99
49) 1,4-Dioxane	9.16	88	19533	1199.338	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	572086	305.678	ug/l	100
52) Toluene	10.12	92	155796	53.126	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110083	56.517	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118237	57.418	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67822	57.981	ug/l	100
56) Ethyl methacrylate	10.40	69	111285	54.346	ug/l	97
57) 1,3-Dichloropropane	10.68	76	123661	60.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	290625	306.947	ug/l	99
59) 2-Hexanone	10.72	43	408294	299.869	ug/l	100
60) Dibromochloromethane	10.87	129	70446	57.502	ug/l	100
61) 1,2-Dibromoethane	10.98	107	68538	58.459	ug/l	100
64) Tetrachloroethene	10.60	164	59021	44.113	ug/l	98
65) Chlorobenzene	11.40	112	159563	52.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	61607	56.172	ug/l	98
67) Ethyl Benzene	11.48	91	291053	50.738	ug/l	99
68) m/p-Xylenes	11.59	106	214422	102.120	ug/l	99
69) o-Xylene	11.92	106	103140	51.138	ug/l	97
70) Styrene	11.94	104	182141	53.957	ug/l	99
71) Bromoform	12.10	173	47220	58.581	ug/l #	99
73) Isopropylbenzene	12.22	105	268299	51.107	ug/l	99
74) N-amyl acetate	12.04	43	162817	61.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100539	61.419	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	133142	88.435	ug/l #	100
77) Bromobenzene	12.50	156	67338	55.565	ug/l	97
78) n-propylbenzene	12.56	91	322936	51.862	ug/l	100
79) 2-Chlorotoluene	12.65	91	194654	53.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232877	53.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33608	56.689	ug/l	100
82) 4-Chlorotoluene	12.75	91	207603	53.818	ug/l	98
83) tert-Butylbenzene	12.97	119	182920	49.927	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	236531	52.838	ug/l	100
85) sec-Butylbenzene	13.15	105	252798	50.609	ug/l	99
86) p-Isopropyltoluene	13.26	119	229284	50.947	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118481	53.107	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	118642	52.048	ug/l	99
89) n-Butylbenzene	13.59	91	212602	51.530	ug/l	100
90) Hexachloroethane	13.85	117	26402	55.291	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	117363	54.865	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19933	57.656	ug/l	97

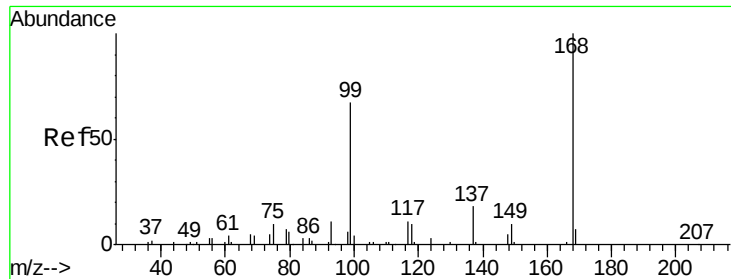
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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	68614	52.674	ug/l	100
94) Hexachlorobutadiene	14.99	225	27696	50.893	ug/l	99
95) Naphthalene	15.10	128	225311	53.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	68844	53.530	ug/l	100

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

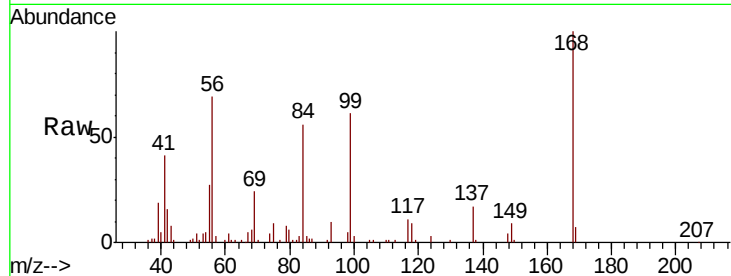


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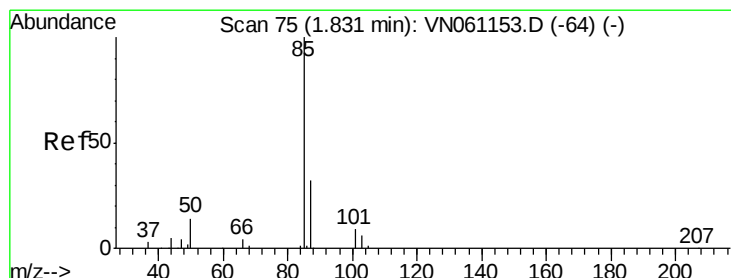
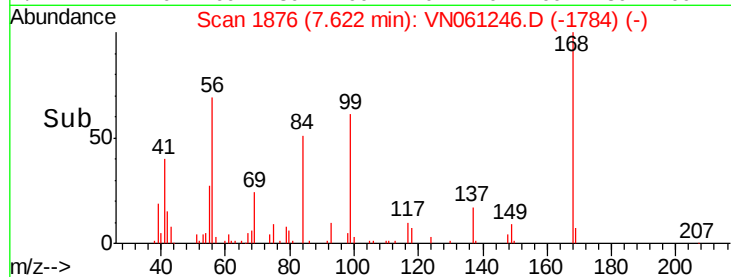
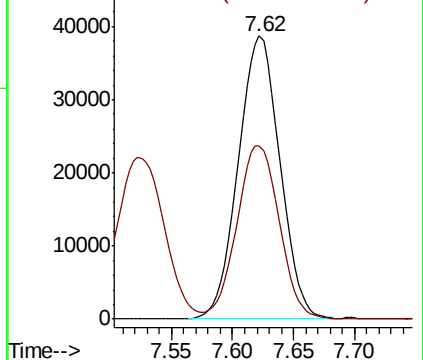
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:168 Resp: 91585
 Ion Ratio Lower Upper
 168 100
 99 61.2 51.2 76.8



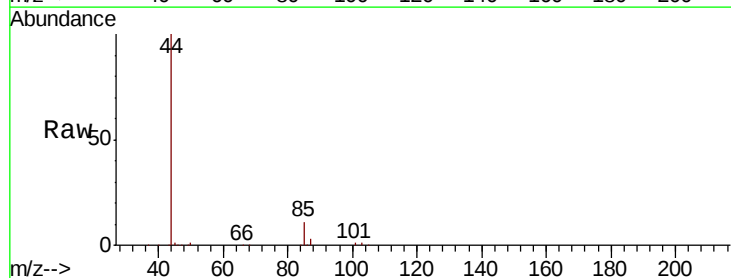
Abundance Ion 167.90 (167.60 to 168.60): VN061246.D (-1784) (-)
 Ion 98.90 (98.60 to 99.60): VN061246.D (-1784) (-)



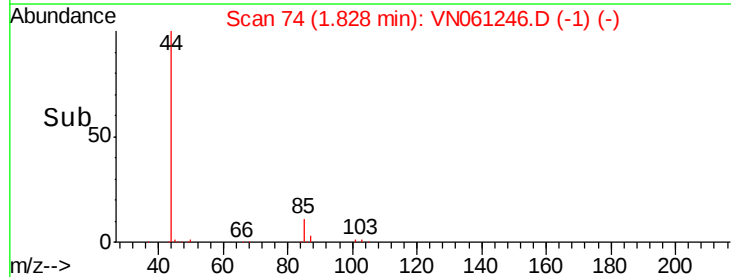
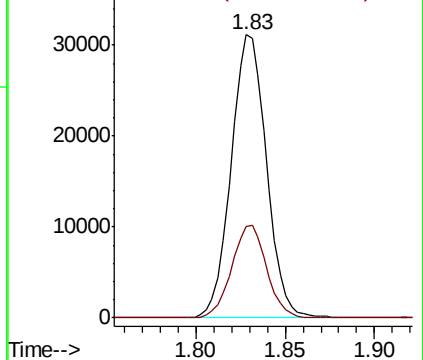
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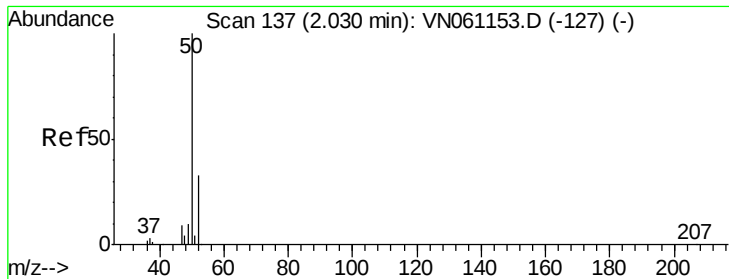
Dichlorodifluoromethane
 Concen: 44.132 ug/l
 RT: 1.83 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion: 85 Resp: 42860
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN061246.D (-1)
 Ion 86.90 (86.60 to 87.60): VN061246.D (-1)





#3

Chloromethane

Concen: 63.754 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

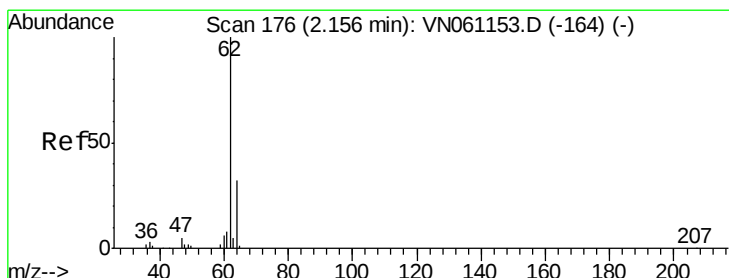
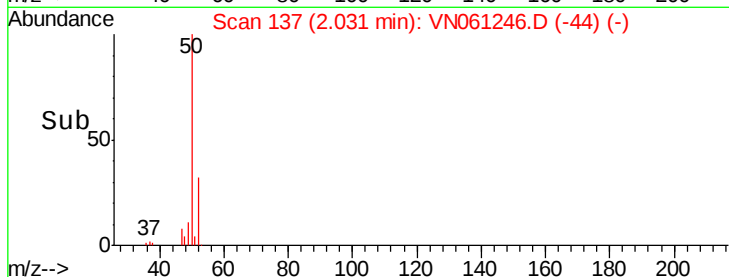
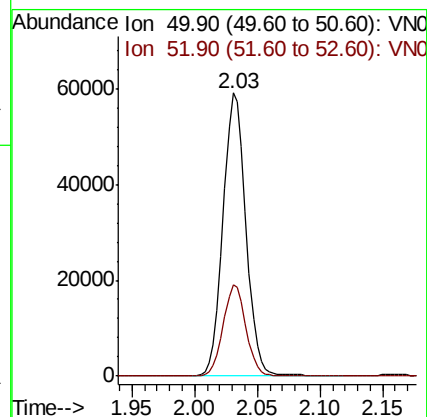
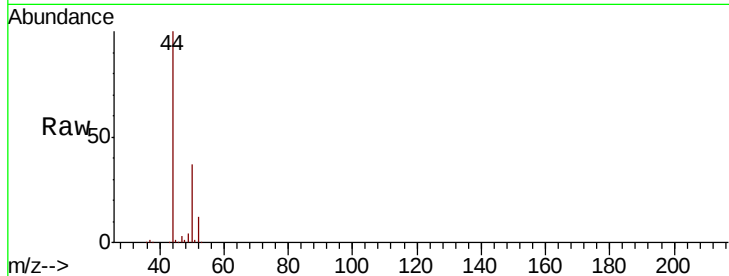
ClientSampleId :

Tot Ion: 50 Resp: 74989

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 51.837 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061246.D

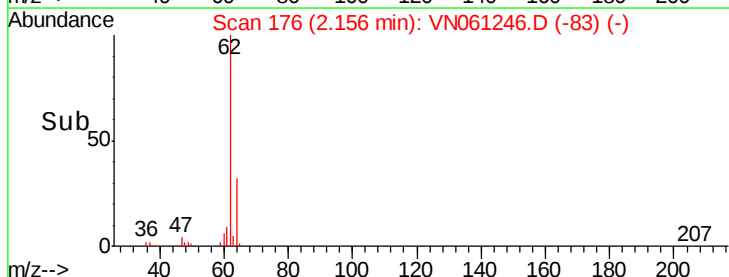
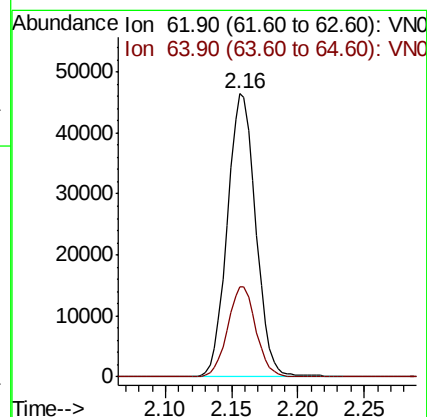
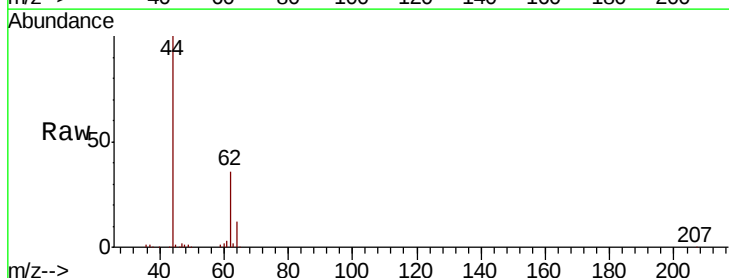
Acq: 2 May 2020 00:48

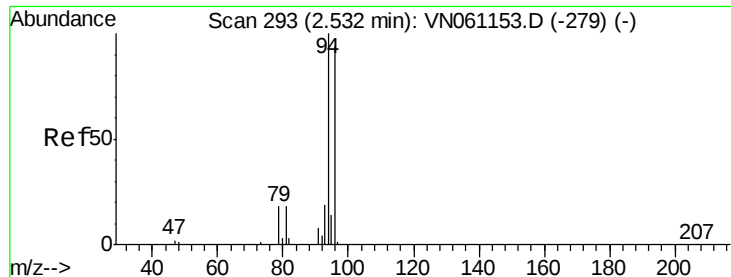
Tgt Ion: 62 Resp: 69252

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 50.165 ug/l

RT: 2.53 min Scan# 293

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

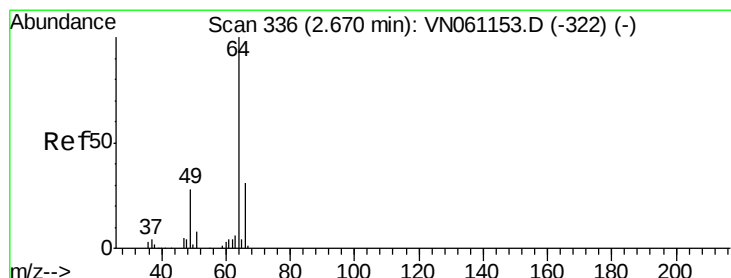
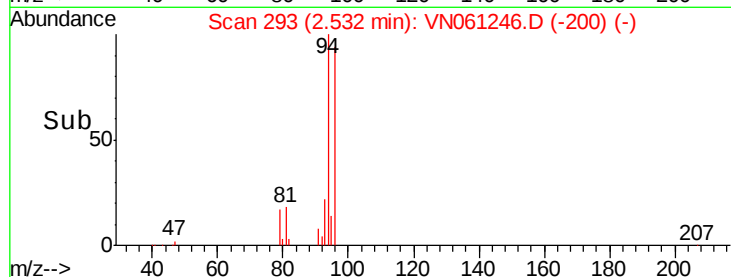
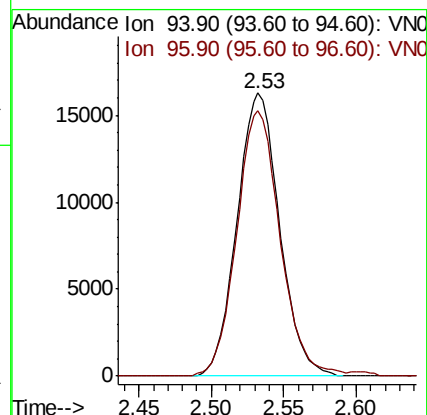
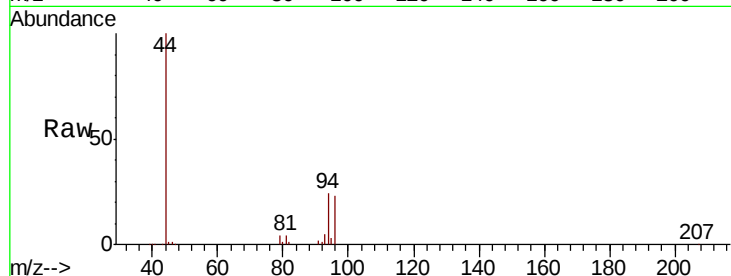
ClientSampled :

Tot Ion: 94 Resp: 33128

Ion Ratio Lower Upper

94 100

96 93.9 75.1 112.7



#6

Chloroethane

Concen: 54.569 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061246.D

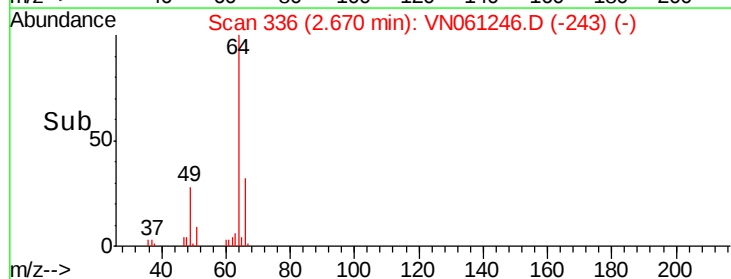
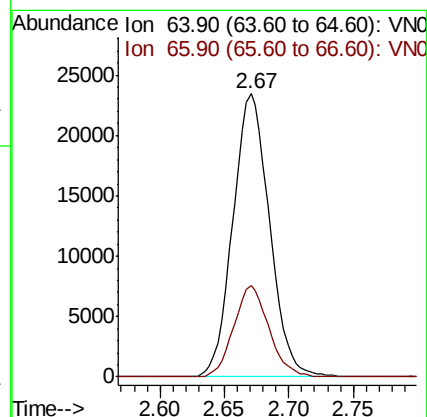
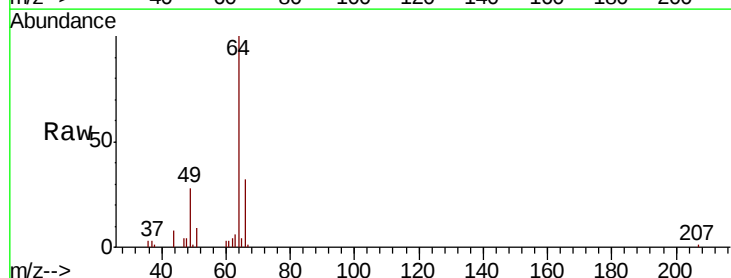
Acq: 2 May 2020 00:48

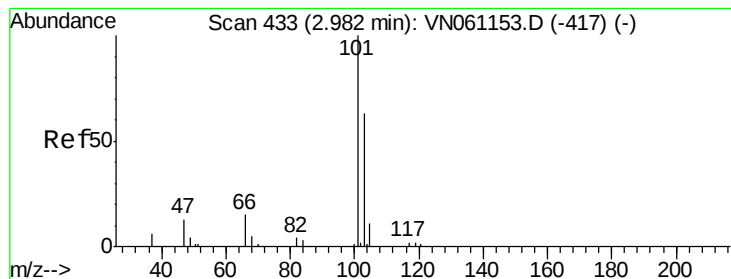
Tgt Ion: 64 Resp: 46208

Ion Ratio Lower Upper

64 100

66 32.2 24.6 36.8



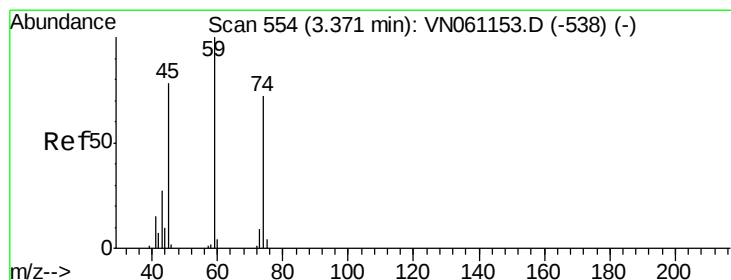
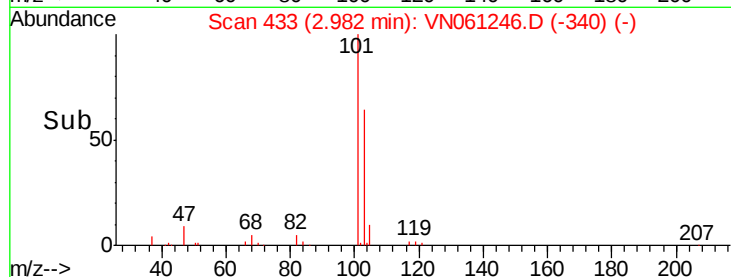
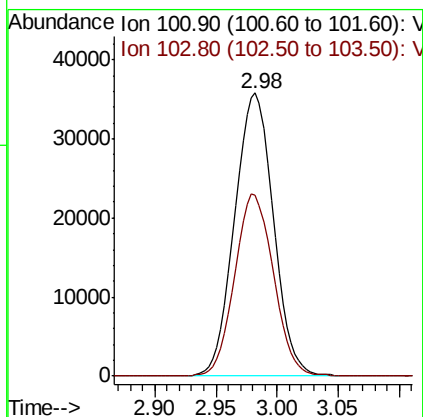
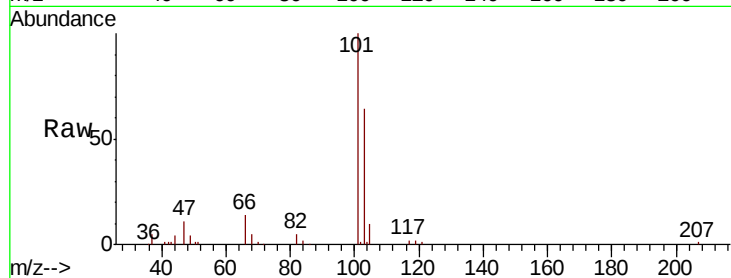


#7

Trichlorofluoromethane
Concen: 52.311 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampled :

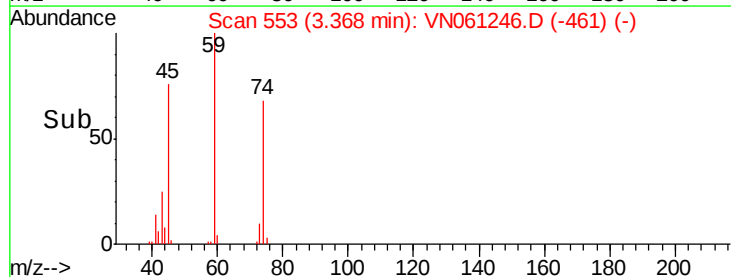
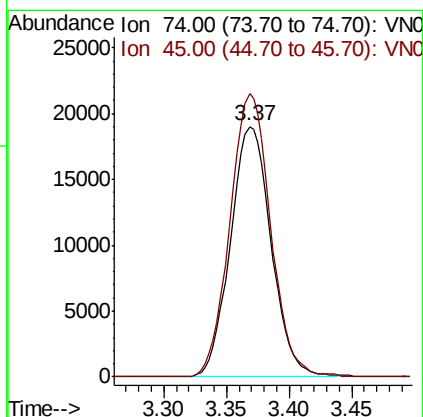
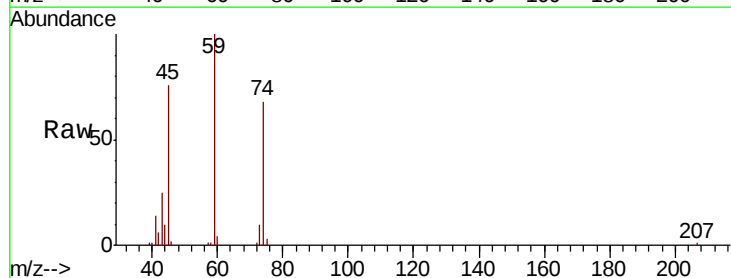
Tot Ion:101 Resp: 78846
Ion Ratio Lower Upper
101 100
103 64.2 50.6 76.0



#8

Diethyl Ether
Concen: 68.304 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 74 Resp: 42942
Ion Ratio Lower Upper
74 100
45 112.9 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.415 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampled :

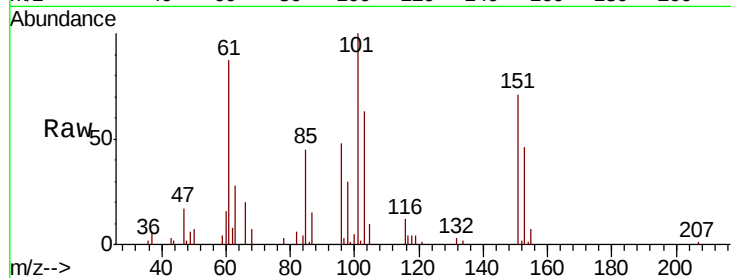
Tot Ion:101 Resp: 47012

Ion Ratio Lower Upper

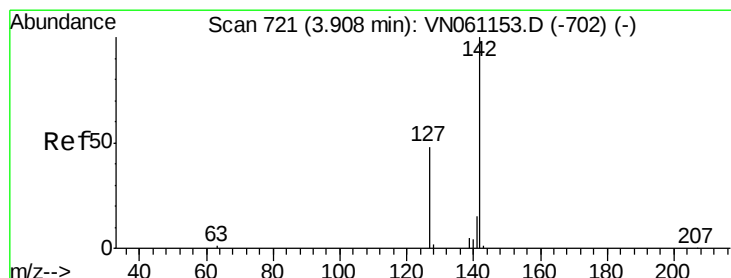
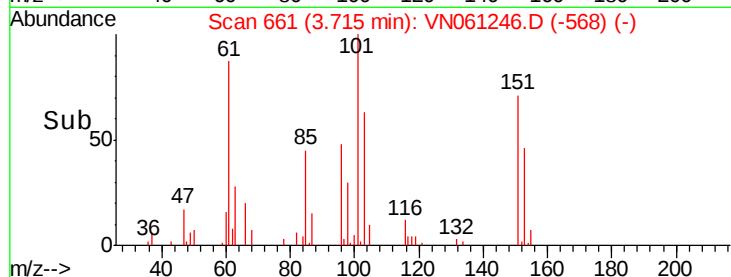
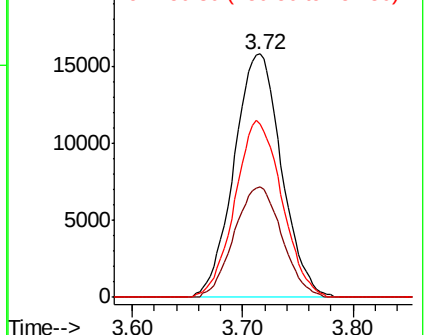
101 100

85 45.6 37.2 55.8

151 71.9 57.7 86.5



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: 52.962 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

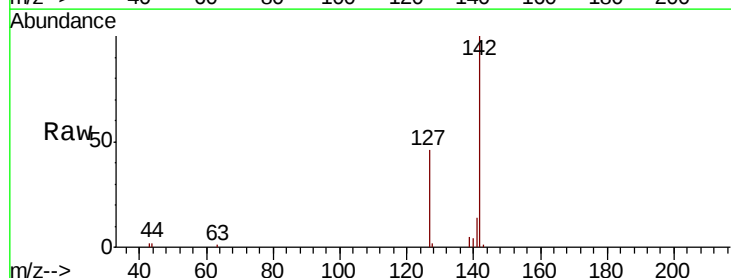
Tgt Ion:142 Resp: 66091

Ion Ratio Lower Upper

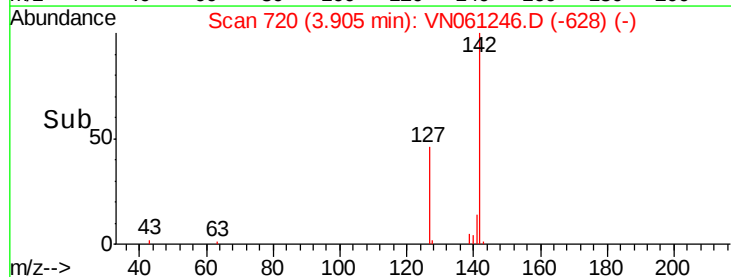
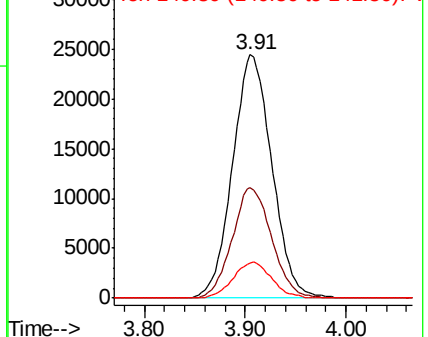
142 100

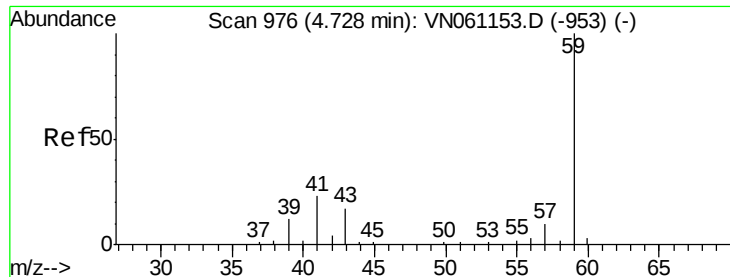
127 45.5 38.0 57.0

141 14.6 11.7 17.5



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

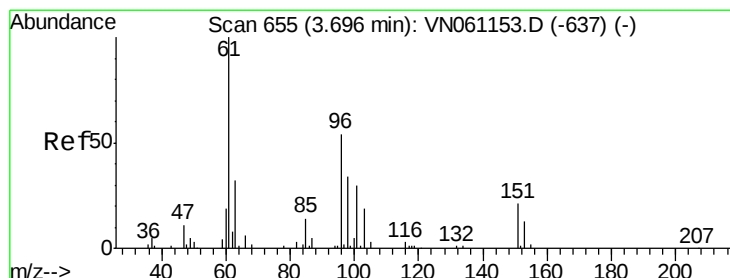
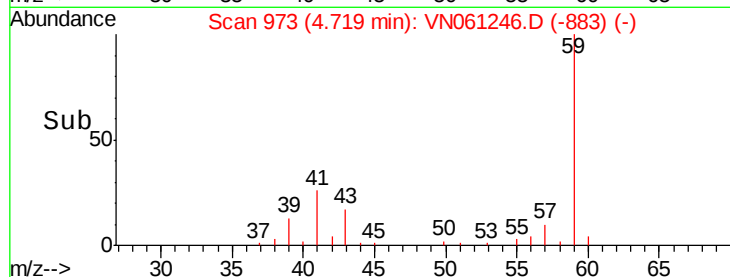
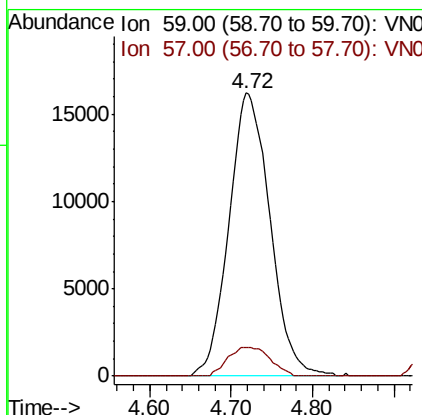
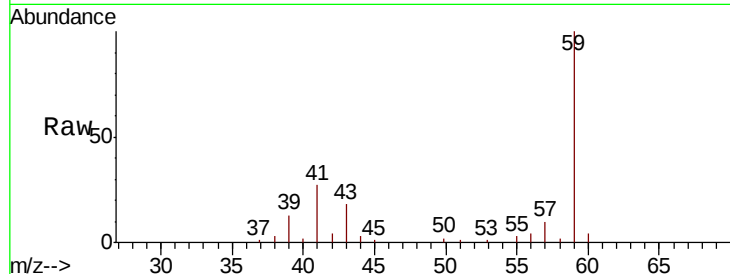




#11
Tert butyl alcohol
Concen: 292.398 ug/l
RT: 4.72 min Scan# 973
Delta R.T. -0.01 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

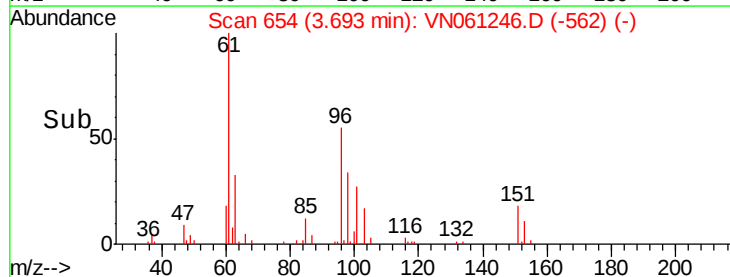
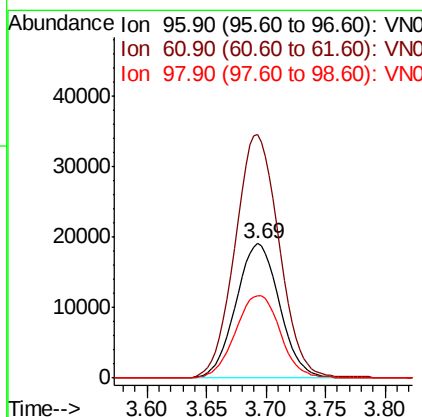
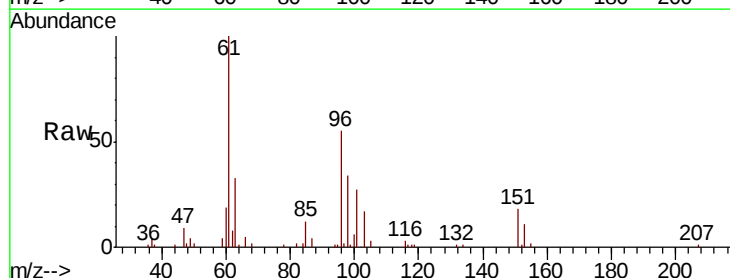
Instrument :
MSVOA_N
ClientSampleId :

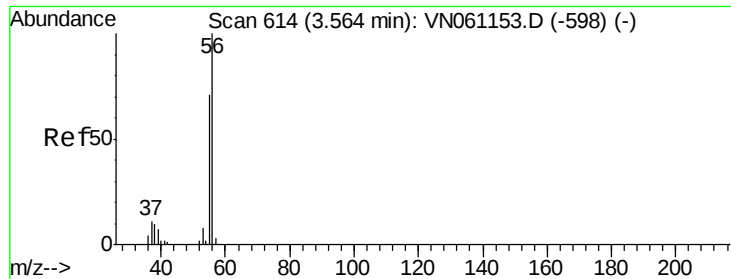
Tot Ion: 59 Resp: 56762
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.164 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 96 Resp: 48473
Ion Ratio Lower Upper
96 100
61 180.7 147.0 220.6
98 61.4 49.8 74.6





#13

Acrolein

Concen: 287.432 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

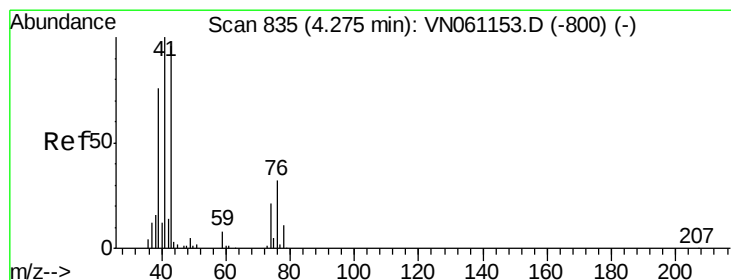
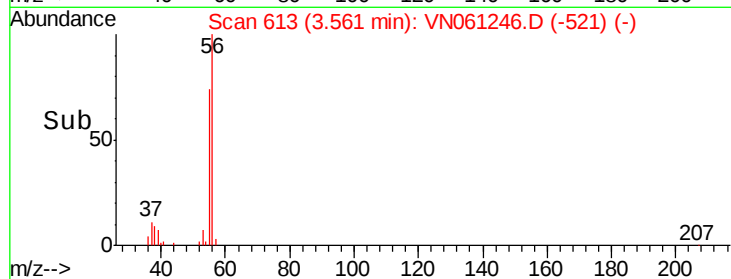
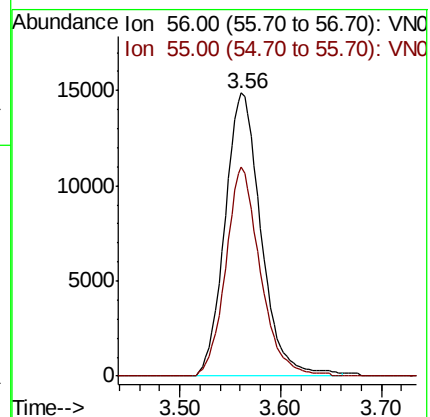
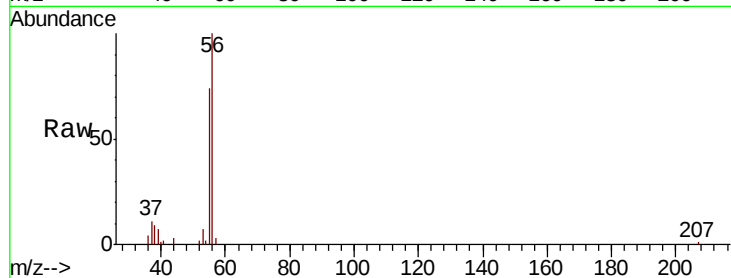
ClientSampleId :

Tot Ion: 56 Resp: 37184

Ion Ratio Lower Upper

56 100

55 70.5 58.5 87.7



#14

Allyl chloride

Concen: 66.297 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

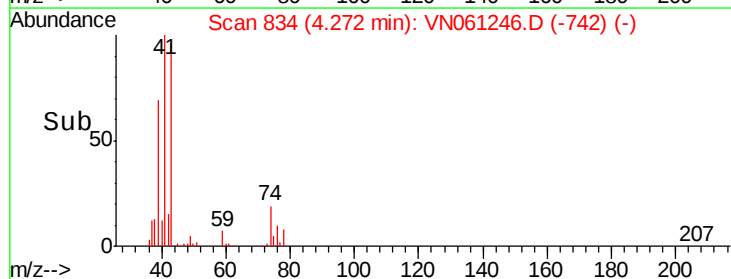
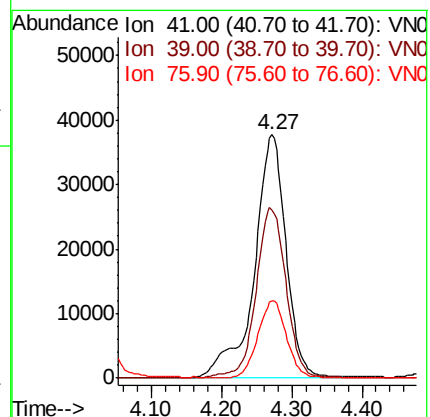
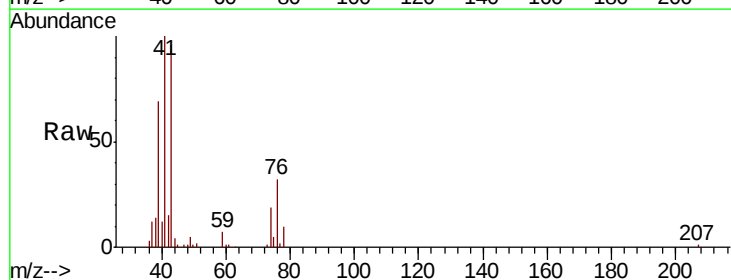
Tgt Ion: 41 Resp: 118784

Ion Ratio Lower Upper

41 100

39 65.9 57.1 85.7

76 28.4 24.3 36.5

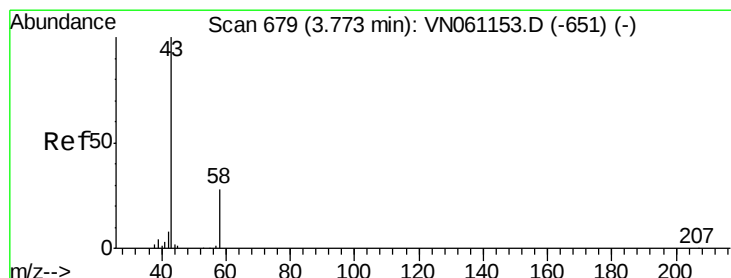
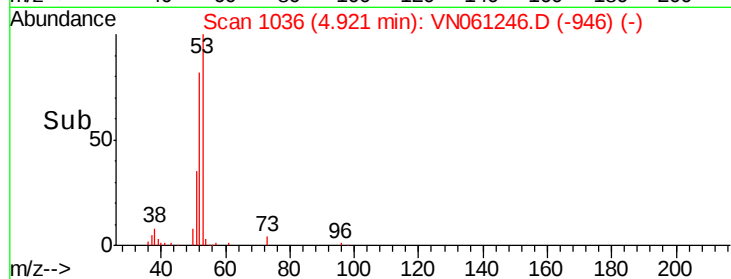
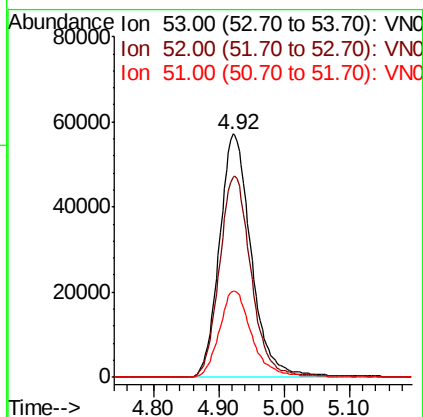
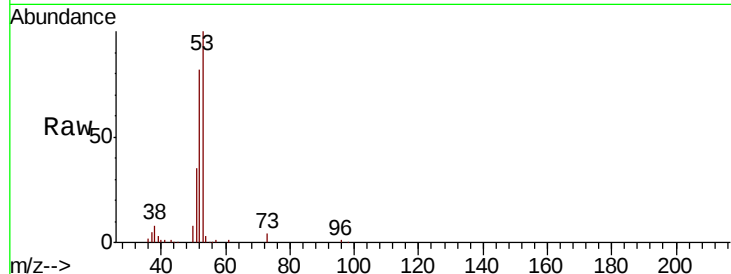




#15
 Acrylonitrile
 Concen: 323.972 ug/l
 RT: 4.92 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

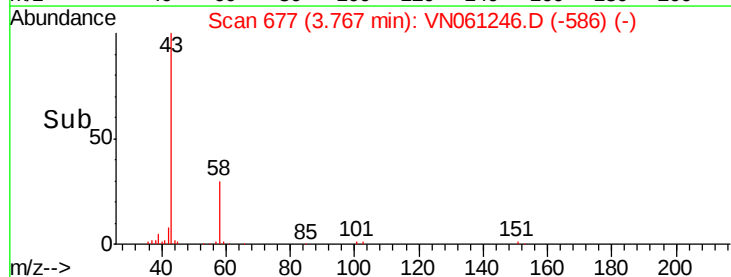
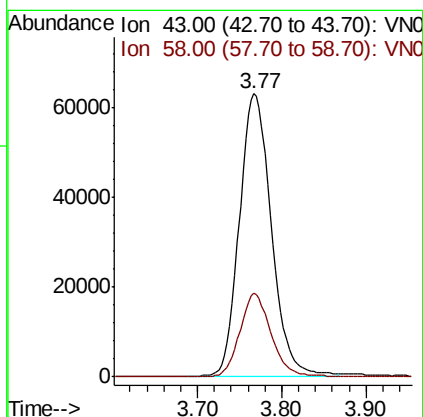
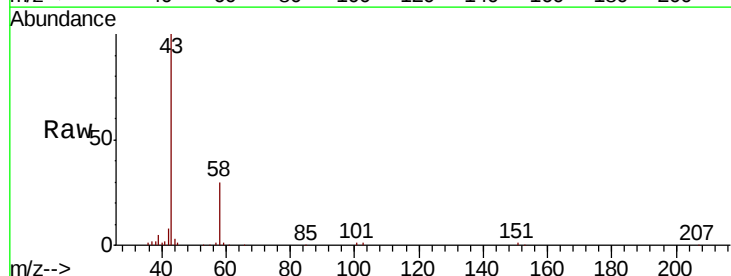
Instrument :
 MSVOA_N
 ClientSampled :

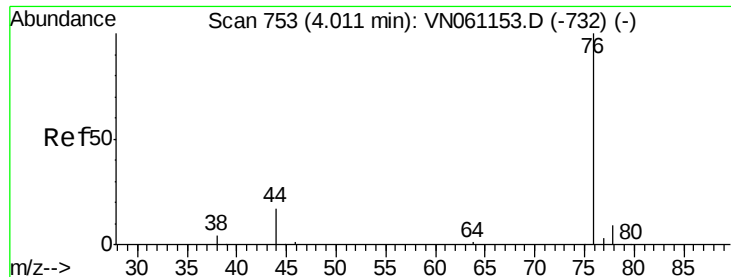
Tot Ion	53	Resp	193060
Ion Ratio	Lower	Upper	
53	100		
52	83.0	65.4	98.0
51	36.2	29.5	44.3



#16
 Acetone
 Concen: 300.614 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion	43	Resp	167855
Ion Ratio	Lower	Upper	
43	100		
58	29.7	22.2	33.2

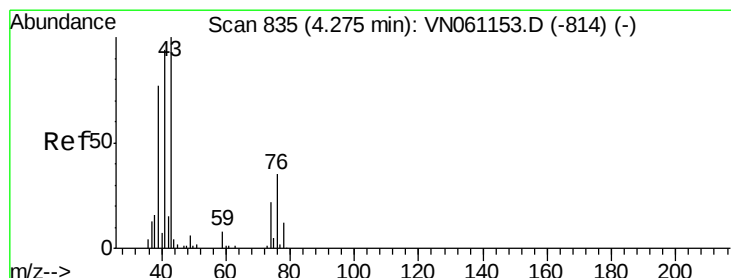
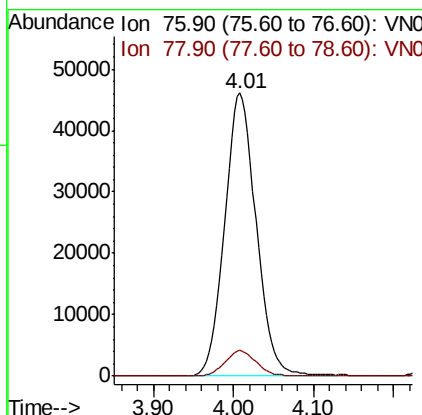
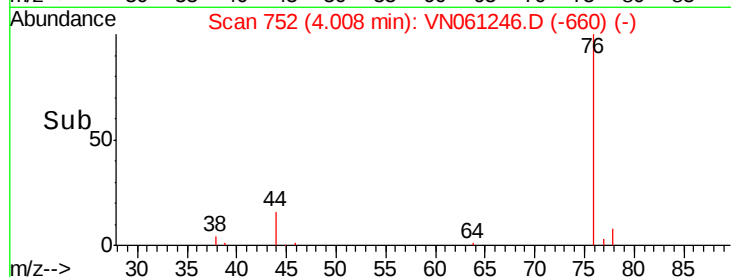
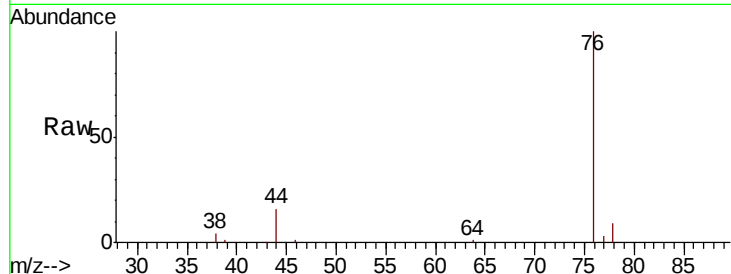




#17
Carbon Disulfide
Concen: 46.583 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

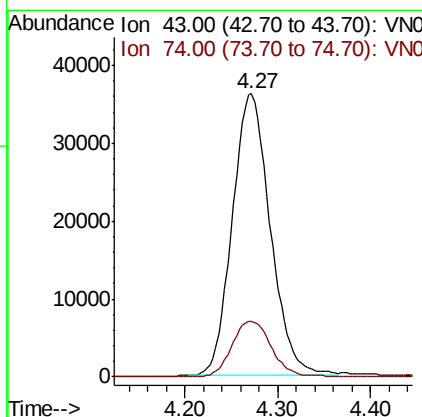
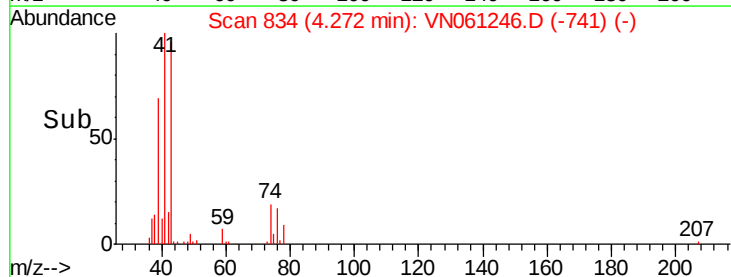
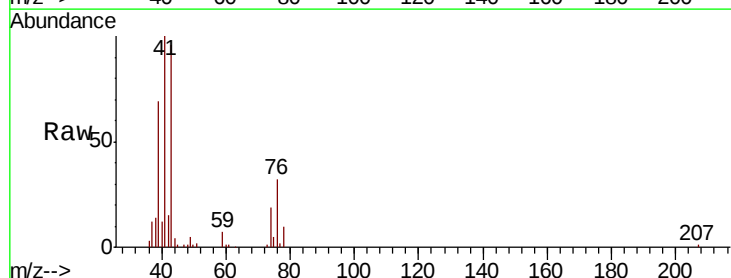
Instrument :
MSVOA_N
ClientSampled :

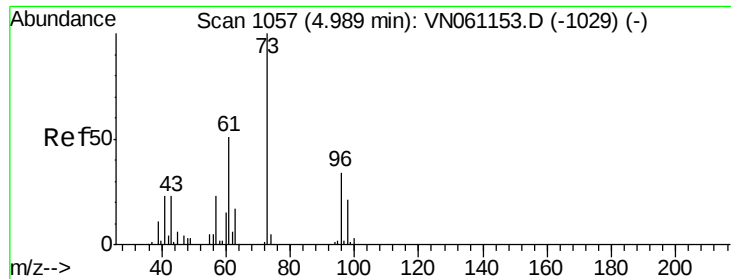
Tot Ion: 76 Resp: 124341
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 56.314 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 43 Resp: 103174
Ion Ratio Lower Upper
43 100
74 20.5 17.0 25.4

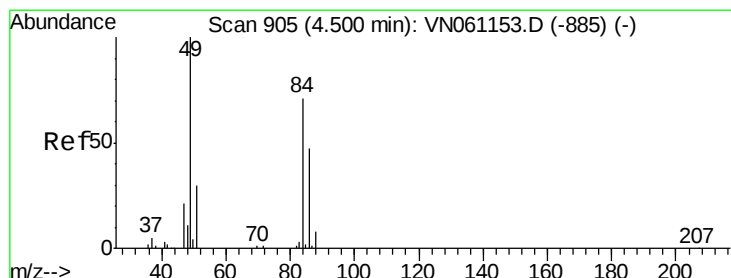
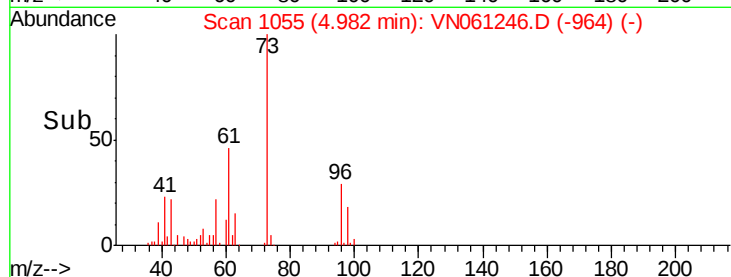
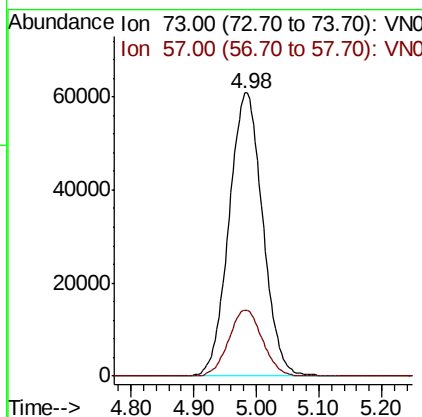
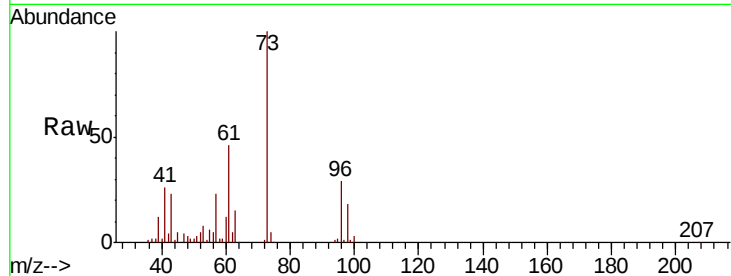




#19
Methvl tert-butvl Ether
Concen: 61.370 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

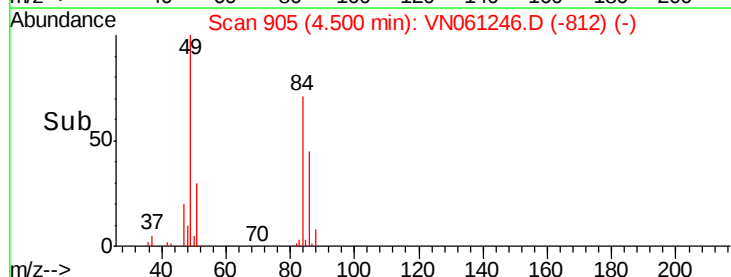
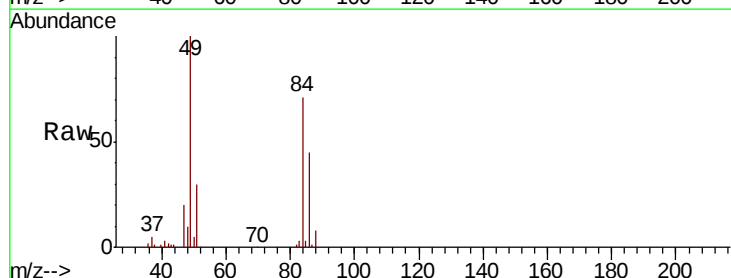
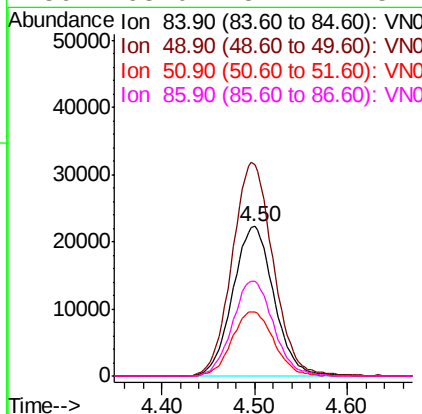
Instrument :
MSVOA_N
ClientSampleId :

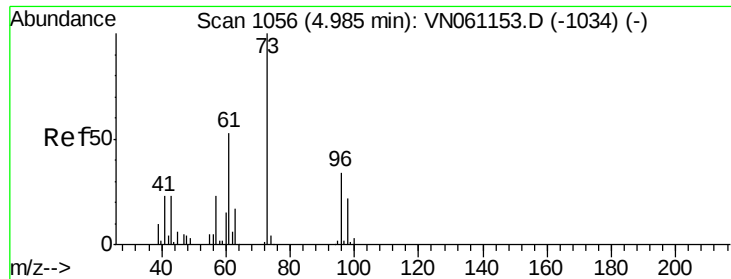
Tot Ion: 73 Resp: 226597
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 60.626 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 84 Resp: 68507
Ion Ratio Lower Upper
84 100
49 141.3 112.0 168.0
51 42.9 33.6 50.4
86 63.0 52.1 78.1

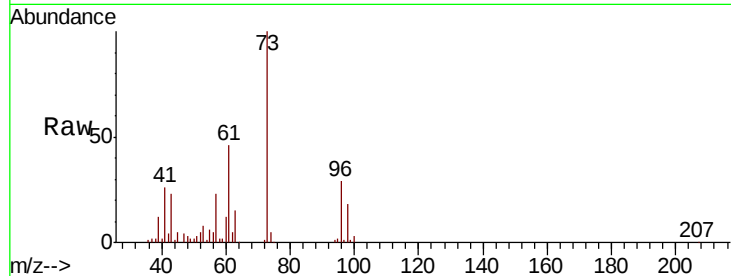




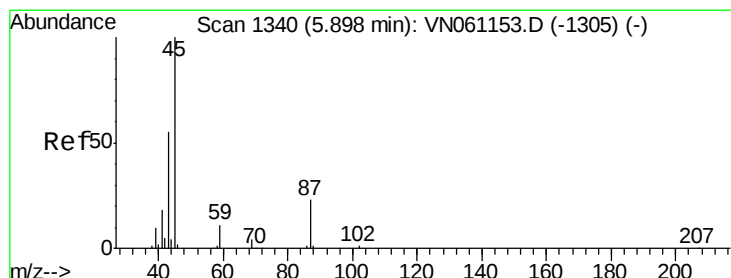
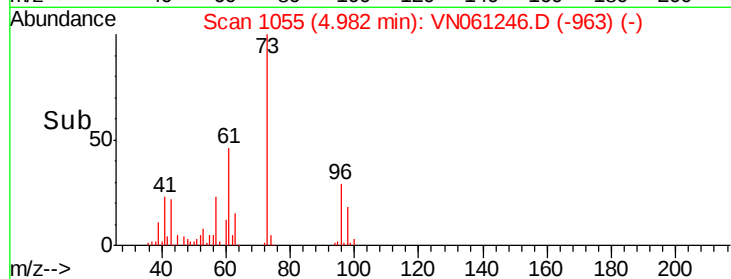
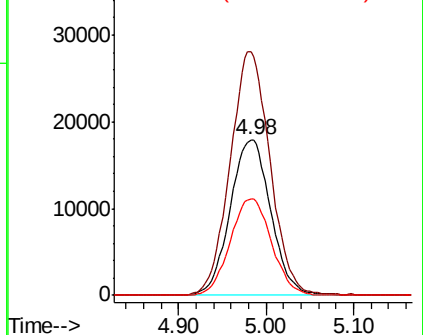
#21
trans-1,2-Dichloroethene
Concen: 54.903 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 57769
Ion Ratio Lower Upper
96 100
61 156.5 123.0 184.4
98 61.8 50.1 75.1

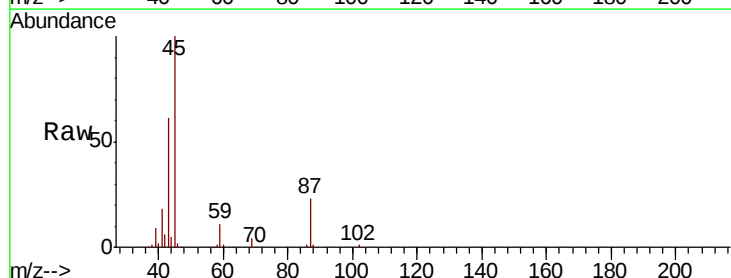


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

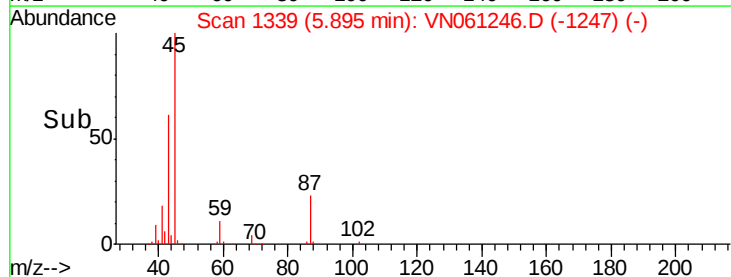
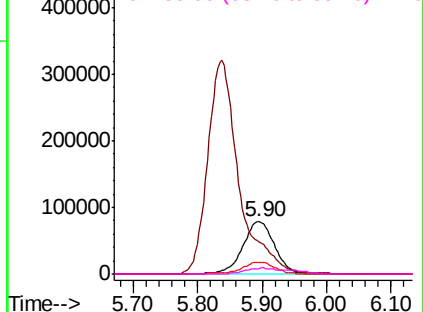


#22
Diisopropyl ether
Concen: 64.819 ug/l
RT: 5.90 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 45 Resp: 269307
Ion Ratio Lower Upper
45 100
43 60.1 47.9 71.9
87 22.7 19.2 28.8
59 11.0 9.0 13.4



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

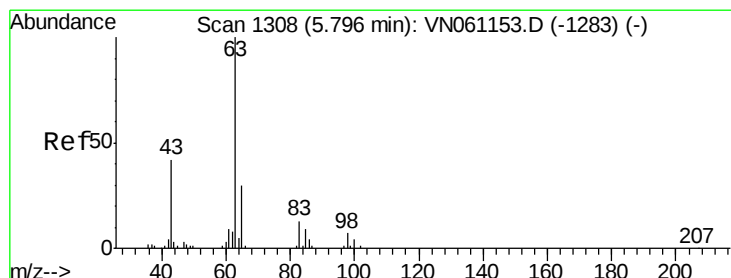
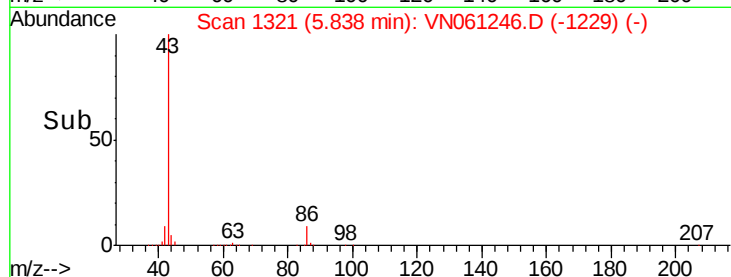
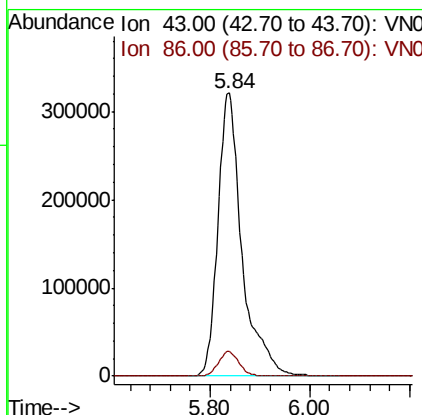
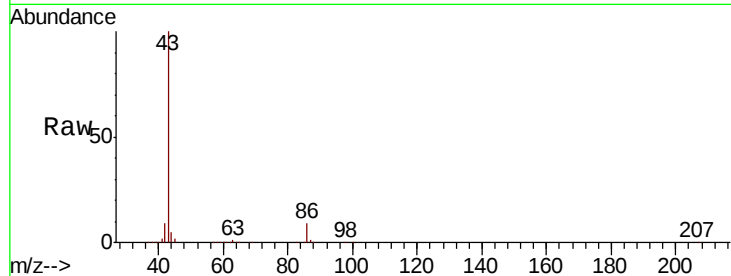




#23
 Vinyl Acetate
 Concen: 323.131 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

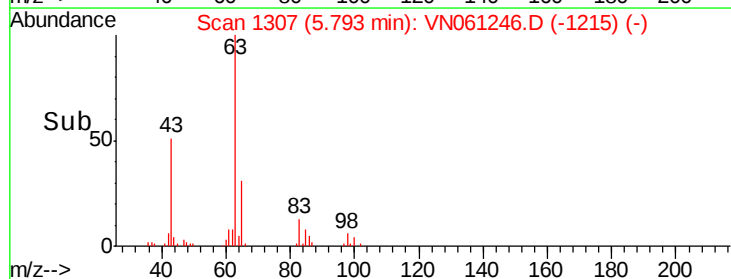
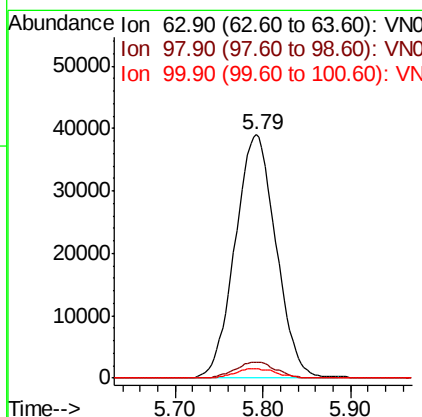
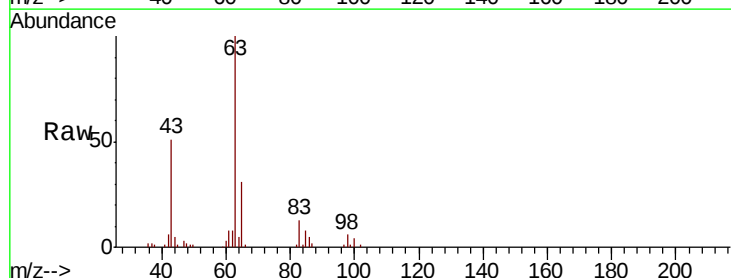
Instrument :
 MSVOA_N
 ClientSampleId :

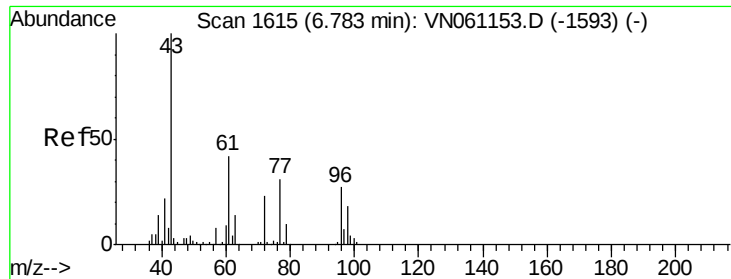
Tot Ion: 43 Resp: 1080985
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 58.166 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion: 63 Resp: 126266
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.9 1.9 5.7

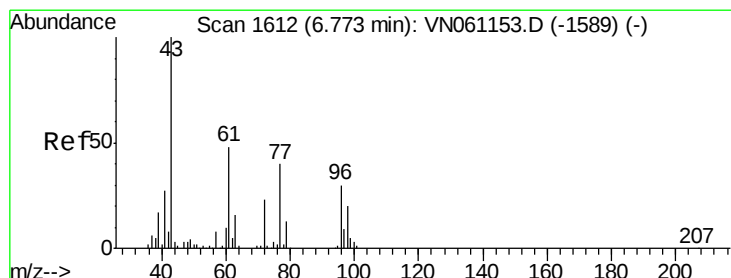
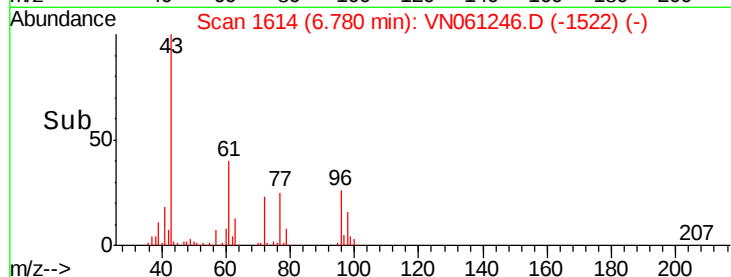
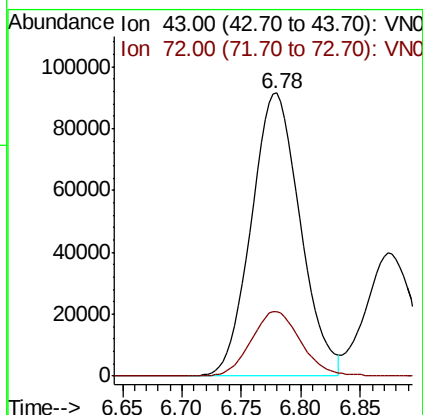
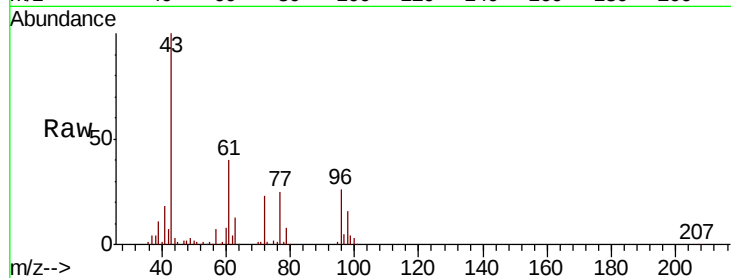




#25
2-Butanone
Concen: 303.719 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

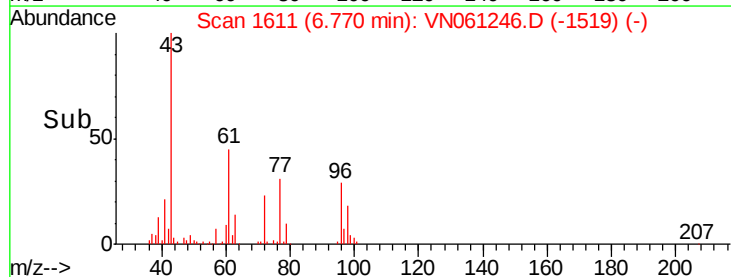
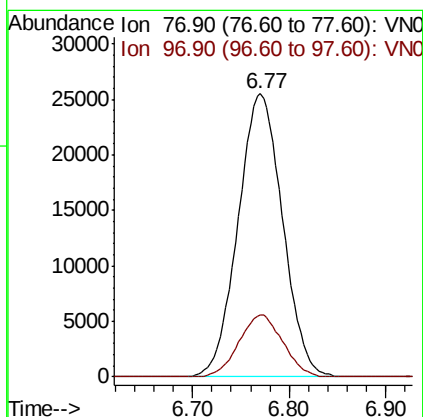
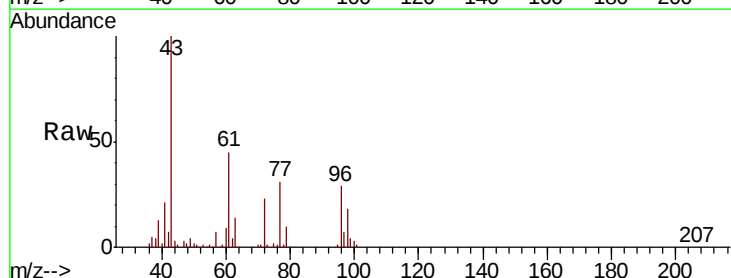
Instrument :
MSVOA_N
ClientSampled :

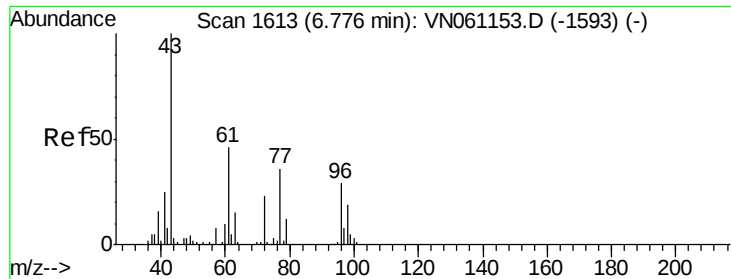
Tot Ion: 43 Resp: 260443
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.4



#26
2,2-Dichloropropane
Concen: 44.569 ug/l
RT: 6.77 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 77 Resp: 81491
Ion Ratio Lower Upper
77 100
97 21.5 10.5 31.5

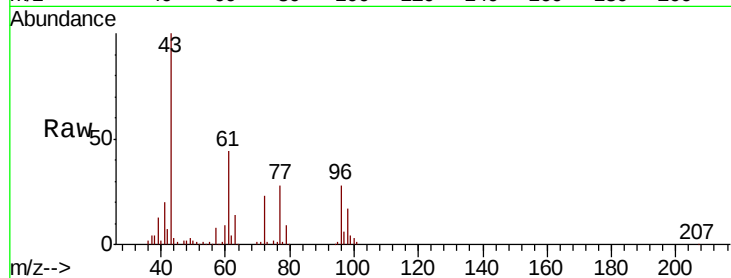




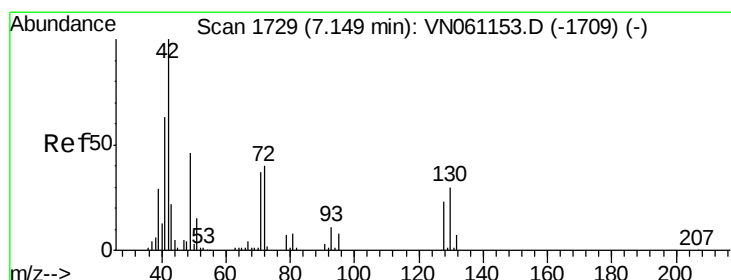
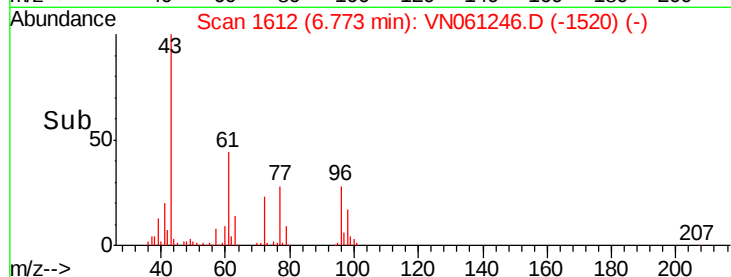
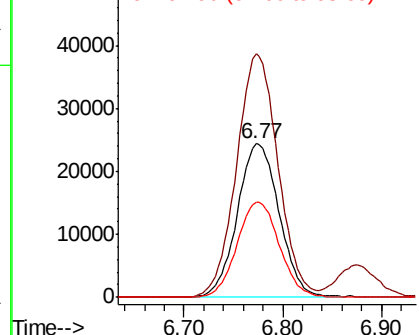
#27
 cis-1,2-Dichloroethene
 Concen: 58.245 ug/l
 RT: 6.77 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 71920
 Ion Ratio Lower Upper
 96 100
 61 156.9 0.0 322.0
 98 62.8 0.0 129.6

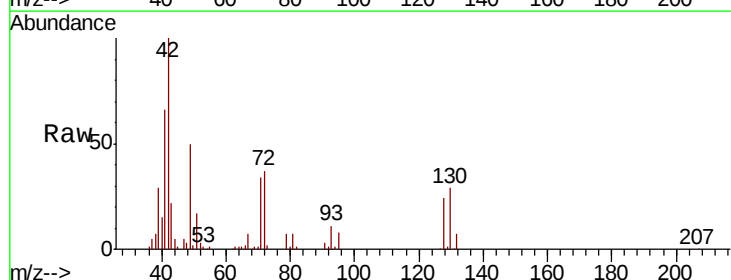


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

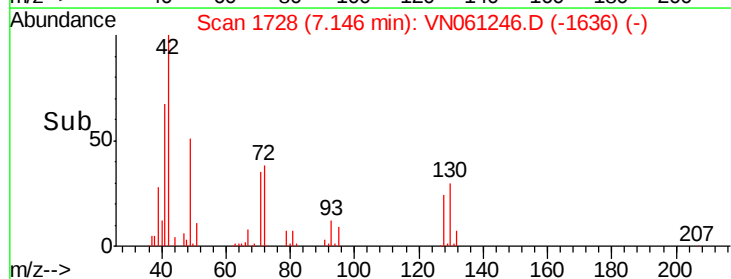
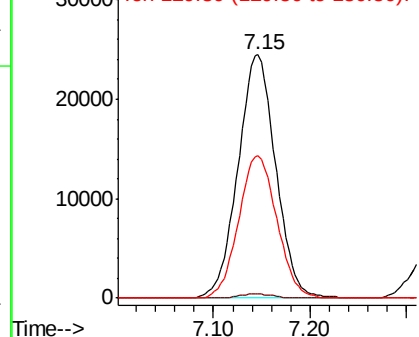


#28
 Bromochloromethane
 Concen: 64.397 ug/l
 RT: 7.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion: 49 Resp: 66259
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 59.2 51.4 77.2



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

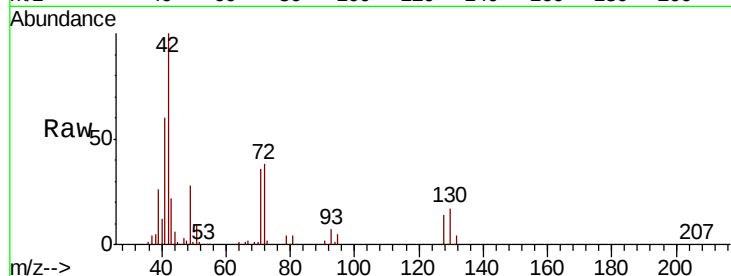




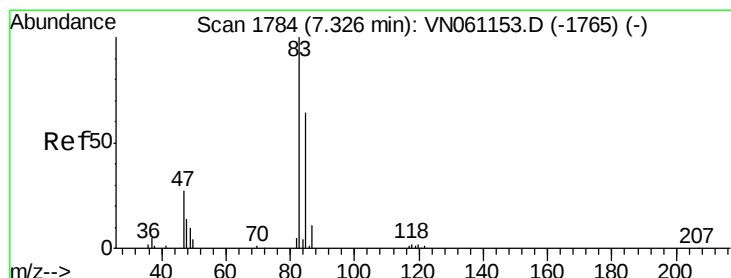
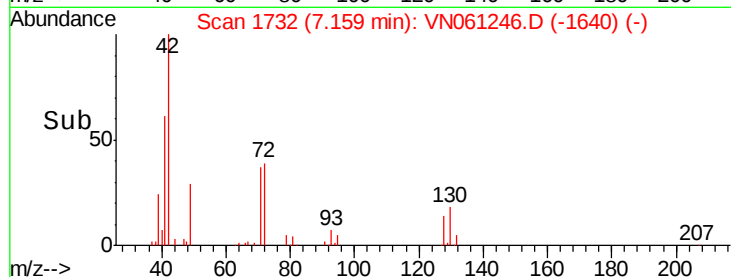
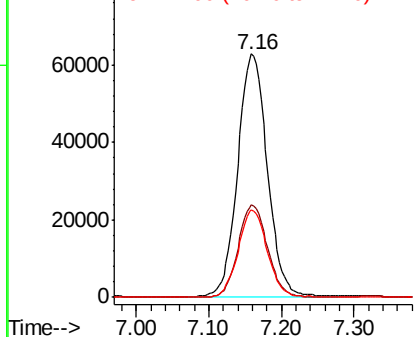
#29
Tetrahydrofuran
Concen: 312.051 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 180253
Ion Ratio Lower Upper
42 100
72 37.4 31.4 47.0
71 34.9 29.5 44.3

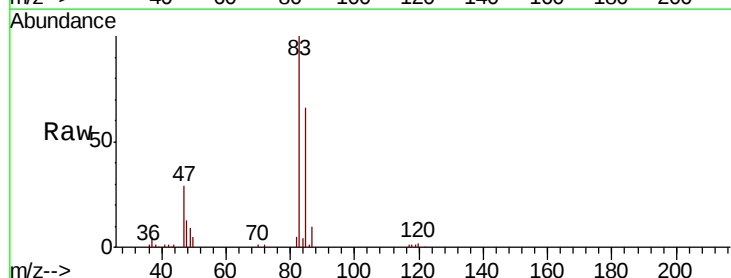


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

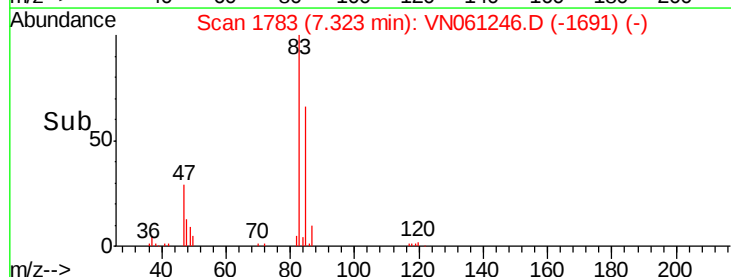
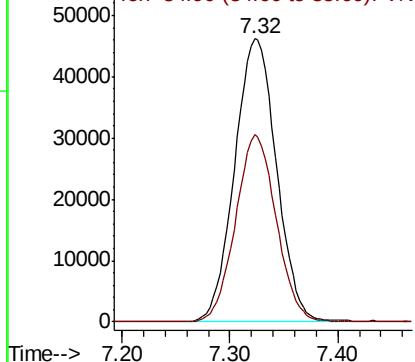


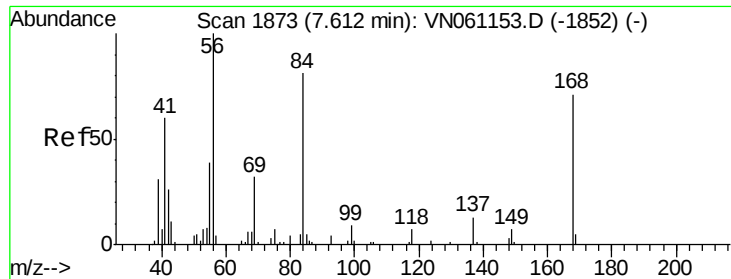
#30
Chloroform
Concen: 56.735 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 83 Resp: 124810
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

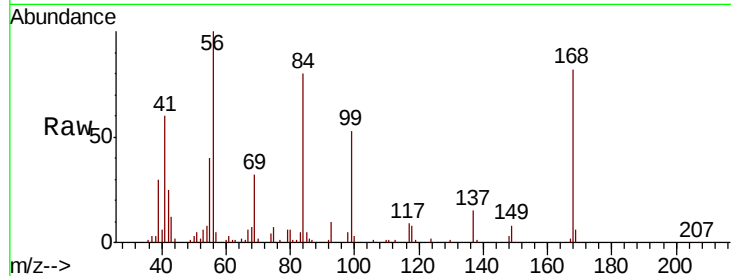




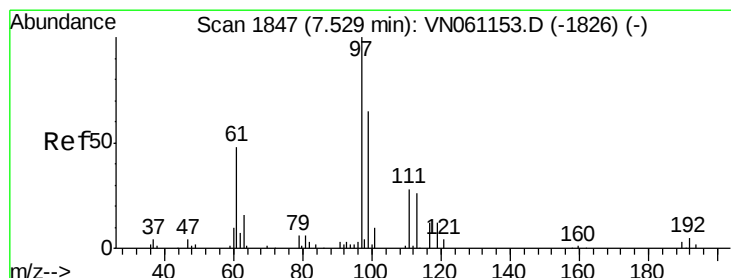
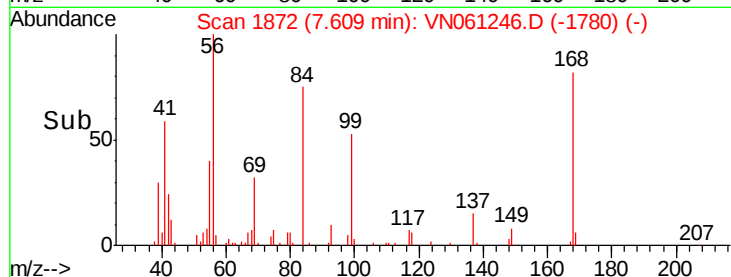
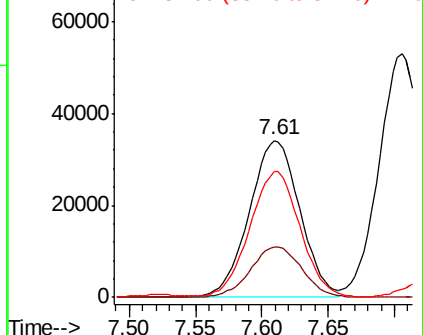
#31
Cyclohexane
Concen: 43.085 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 90830
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 79.2 64.6 97.0

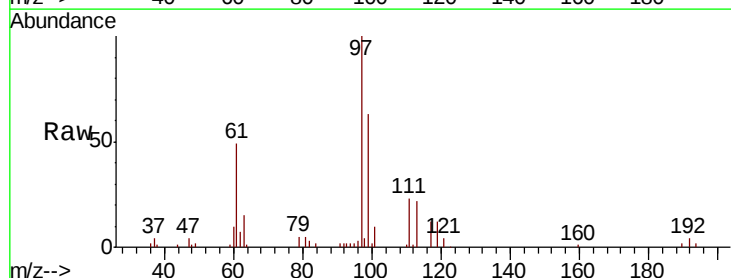


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

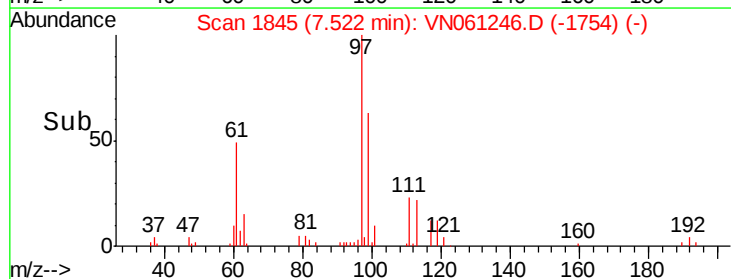
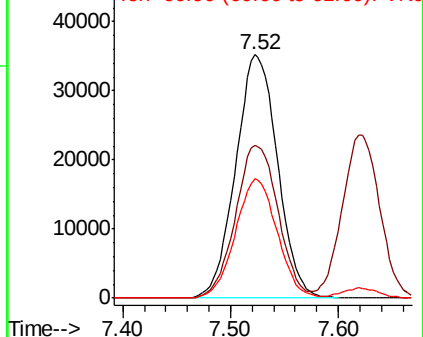


#32
1,1,1-Trichloroethane
Concen: 49.639 ug/l
RT: 7.52 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 97 Resp: 95090
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 48.7 38.6 57.8



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

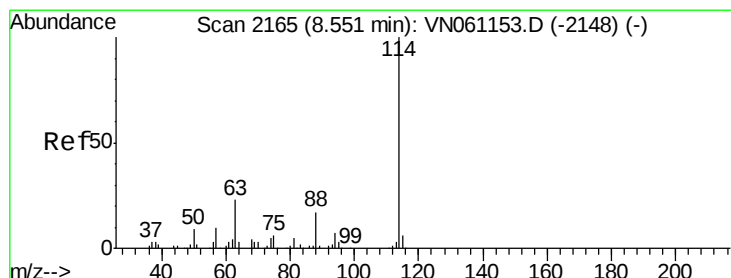
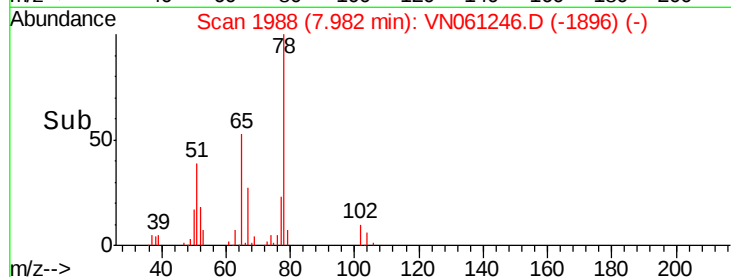
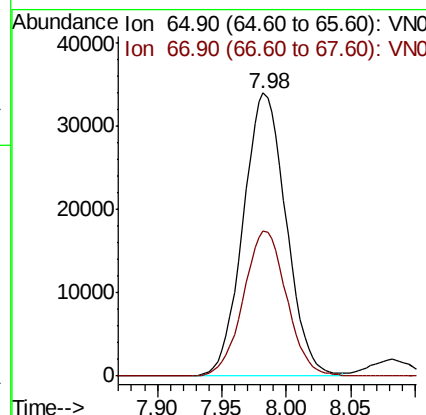
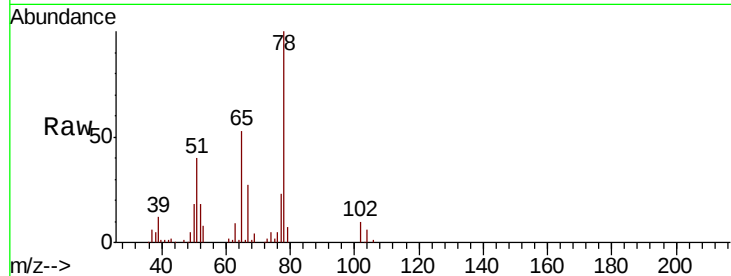




#33
 1,2-Dichloroethane-d4
 Concen: 54.372 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

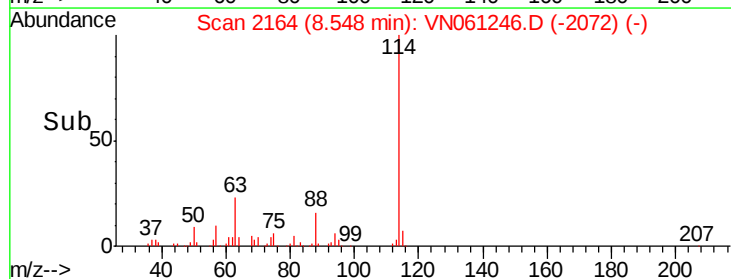
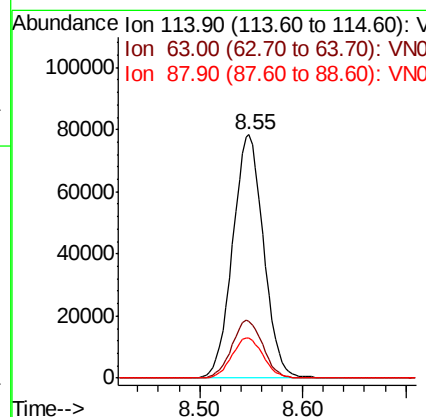
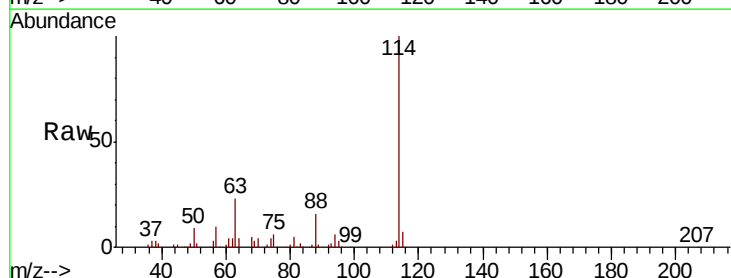
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 78793
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion: 114 Resp: 163250
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.6
 88 16.3 0.0 33.4

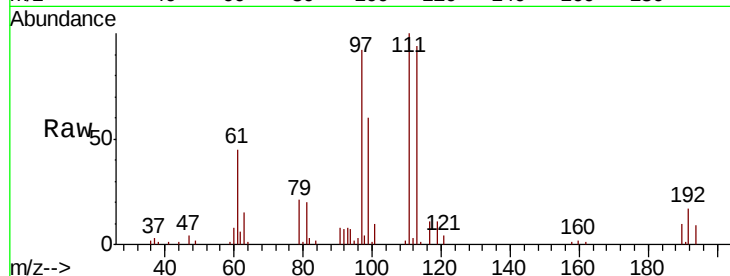




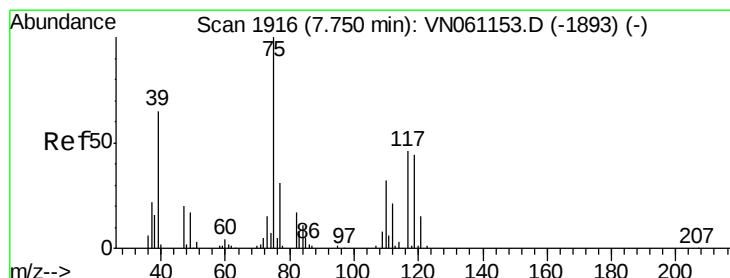
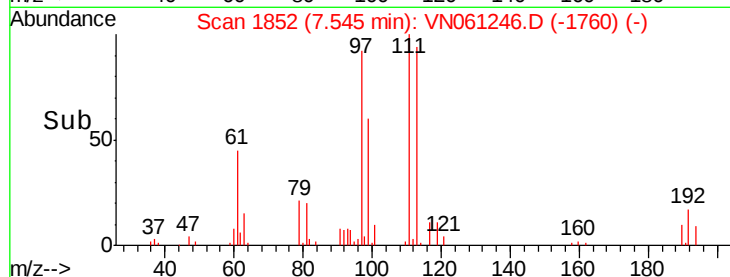
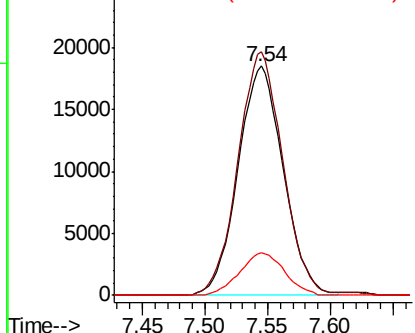
#35
 Dibromofluoromethane
 Concen: 48.080 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 46413
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.9 124.3
 192 18.4 14.7 22.1

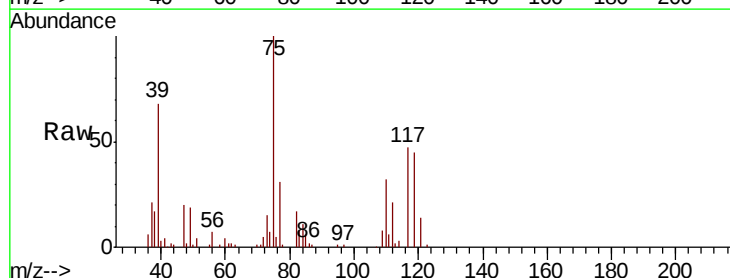


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

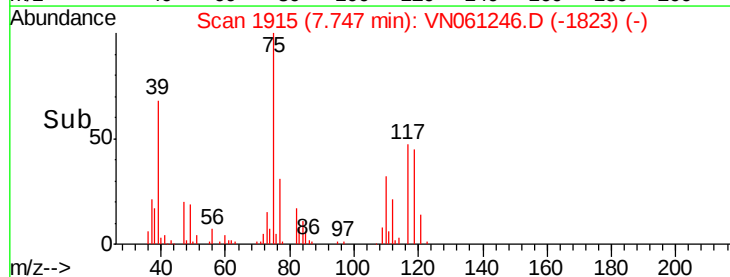
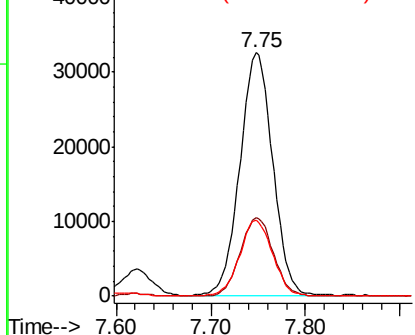


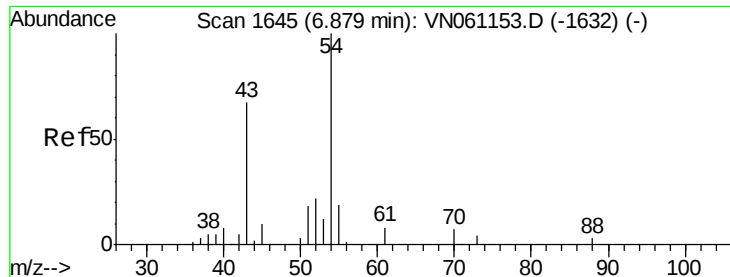
#36
 1,1-Dichloropropene
 Concen: 48.445 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion: 75 Resp: 79170
 Ion Ratio Lower Upper
 75 100
 110 32.0 16.0 48.0
 77 31.1 24.6 37.0



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

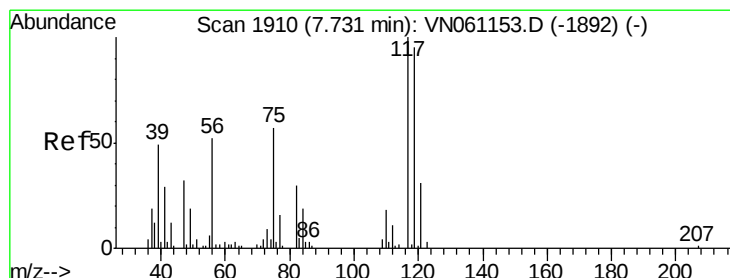
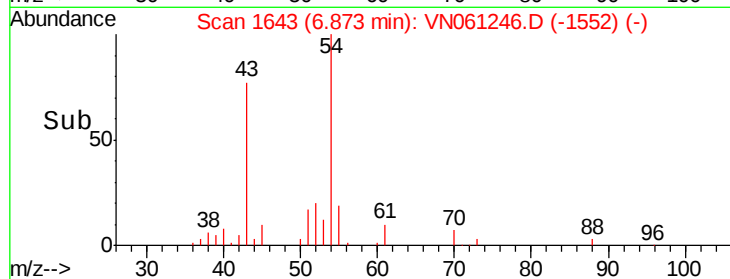
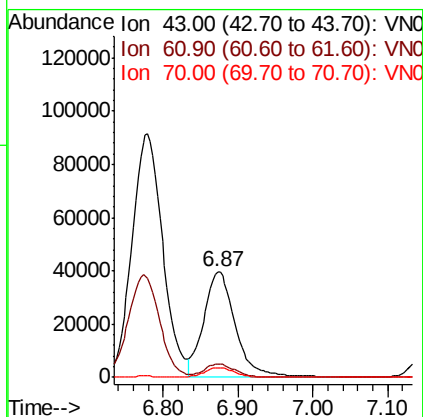
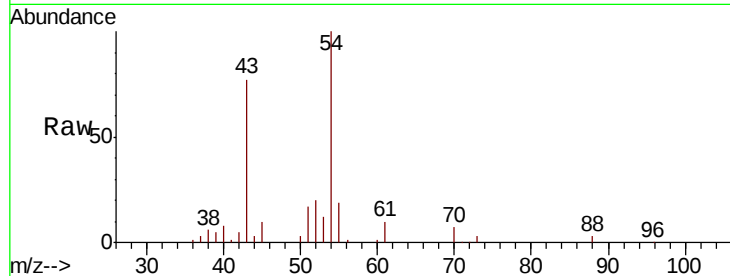




#37
Ethyl Acetate
Concen: 60.163 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

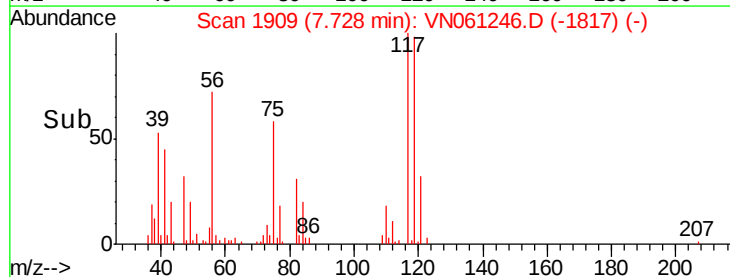
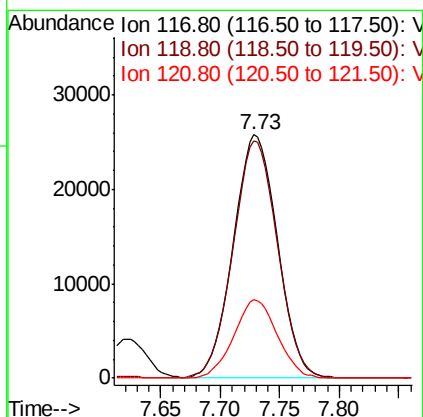
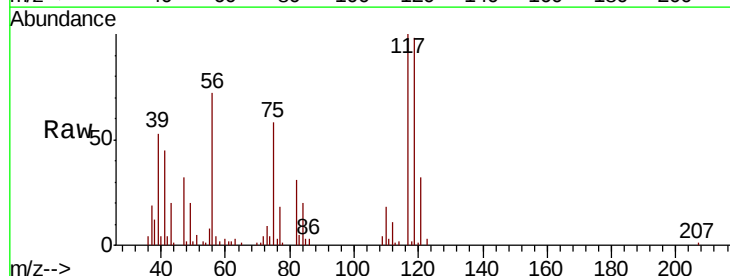
Instrument :
MSVOA_N
ClientSampled :

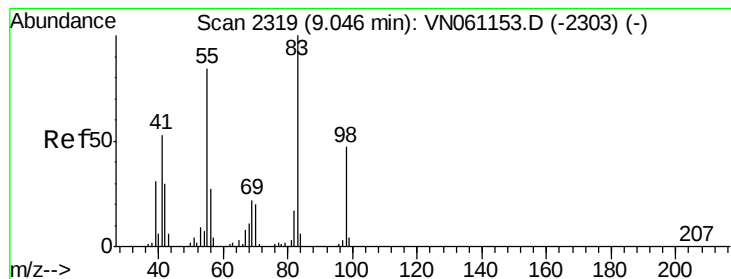
Tot Ion: 43 Resp: 115263
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 44.809 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 117 Resp: 66440
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.6
121 32.1 24.7 37.1





#39

Methvlcvclohexane

Concen: 44.877 ug/l

RT: 9.04 min Scan# 2318

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampled :

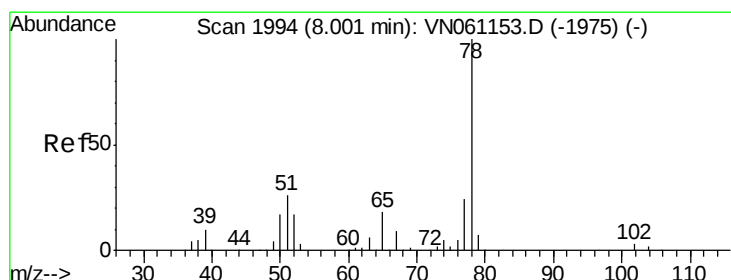
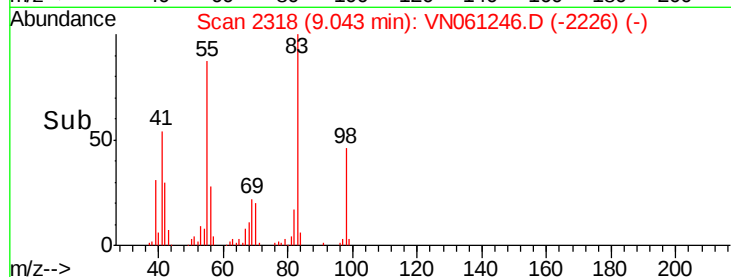
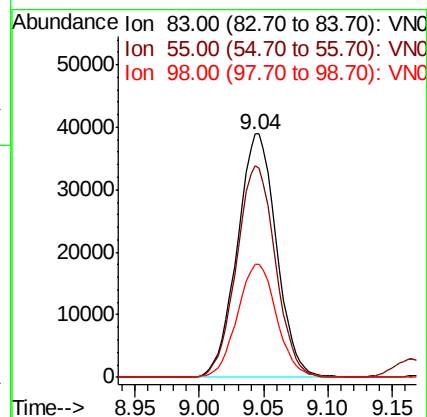
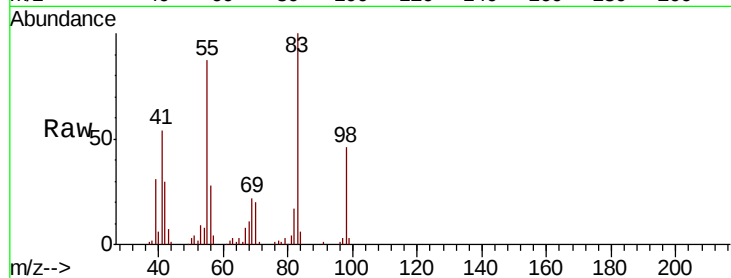
Tot Ion: 83 Resp: 82246

Ion Ratio Lower Upper

83 100

55 87.2 67.3 100.9

98 46.4 37.7 56.5



#40

Benzene

Concen: 54.380 ug/l

RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VN061246.D

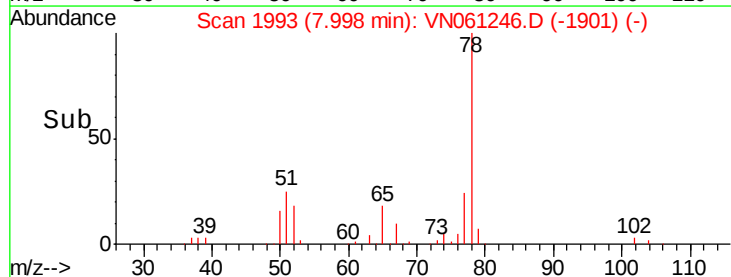
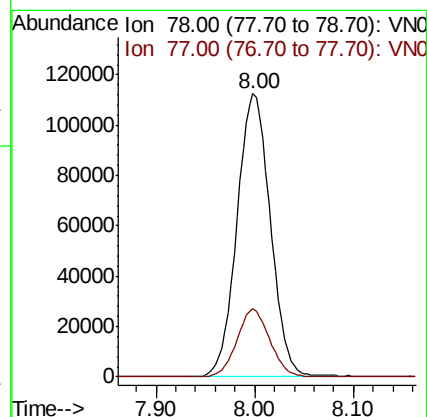
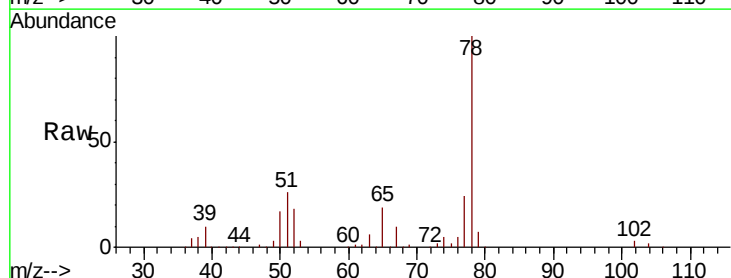
Acq: 2 May 2020 00:48

Tgt Ion: 78 Resp: 264760

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

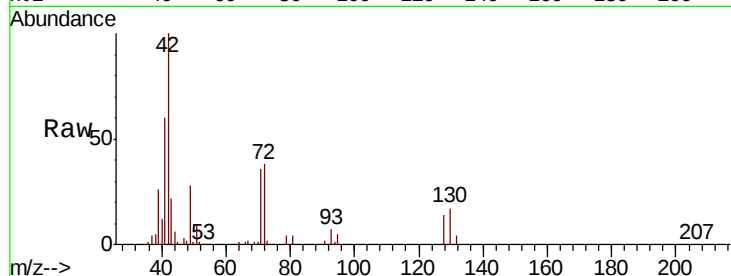




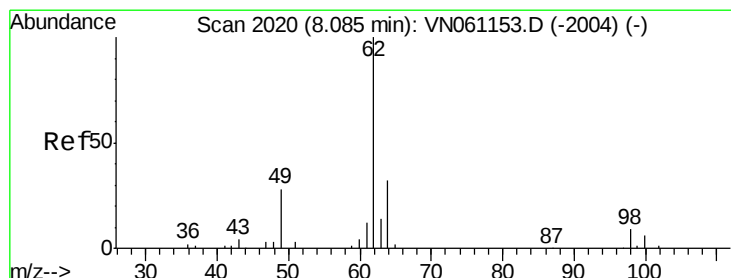
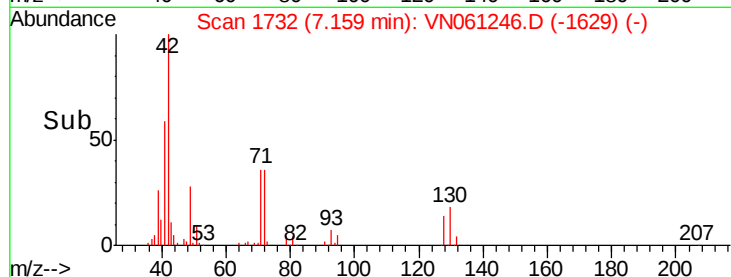
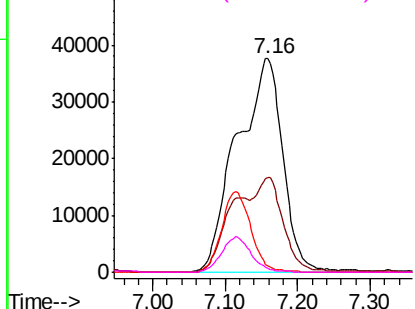
#41
Methacrylonitrile
Concen: 207.071 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. 0.03 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	164715
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

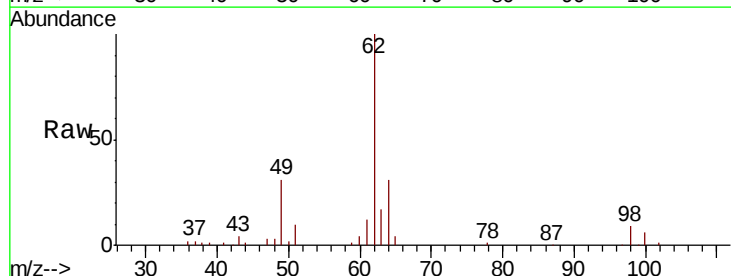


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

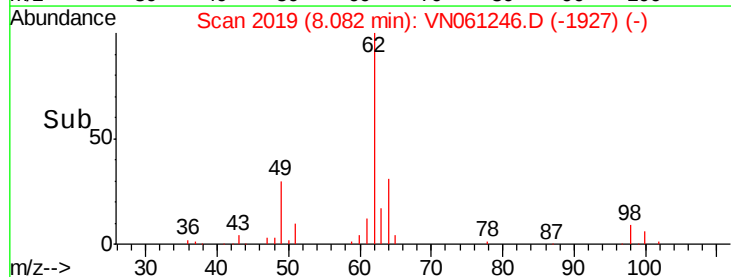
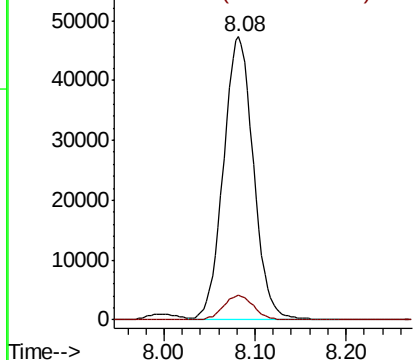


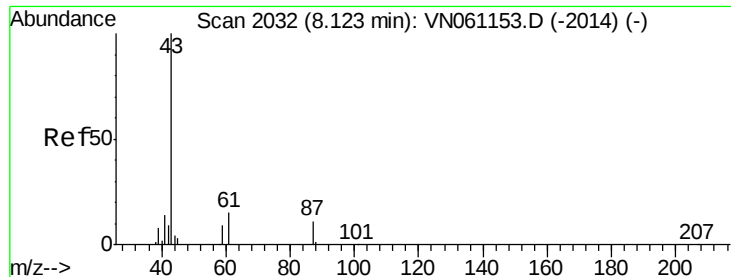
#42
1,2-Dichloroethane
Concen: 58.937 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion:	62	Resp:	108706
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 59.649 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampled :

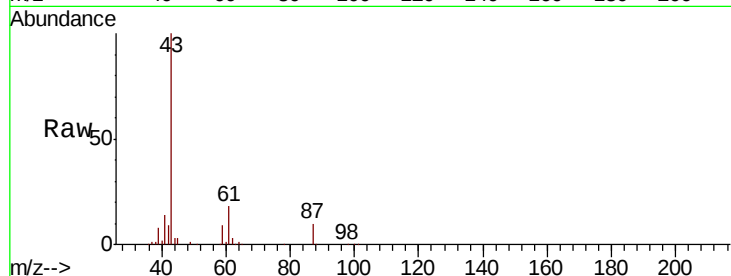
Tot Ion: 43 Resp: 189656

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

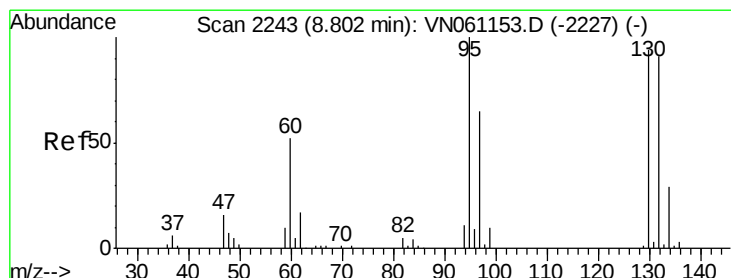
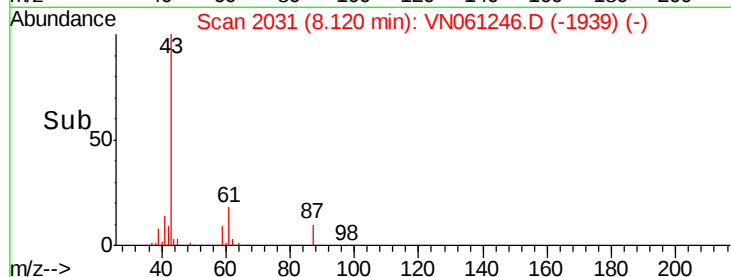
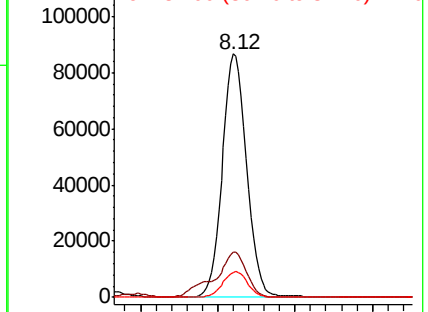
87 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 47.624 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061246.D

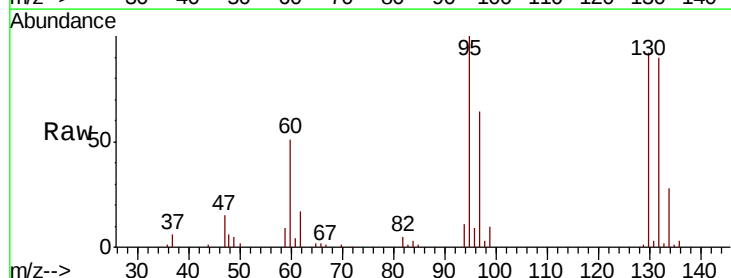
Acq: 2 May 2020 00:48

Tgt Ion: 130 Resp: 62681

Ion Ratio Lower Upper

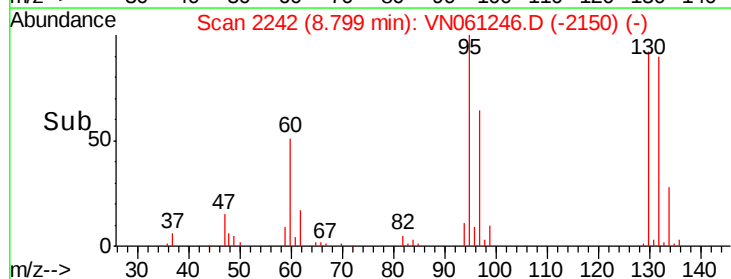
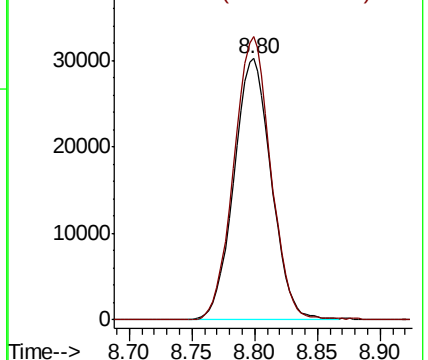
130 100

95 108.3 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 58.983 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

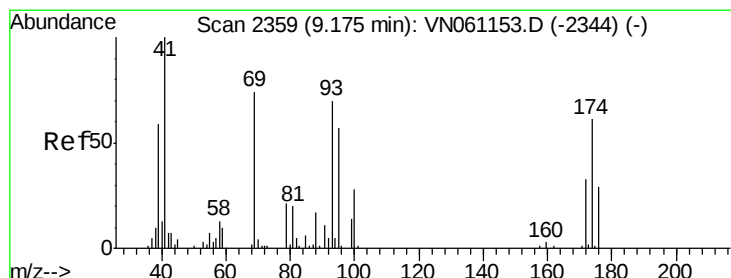
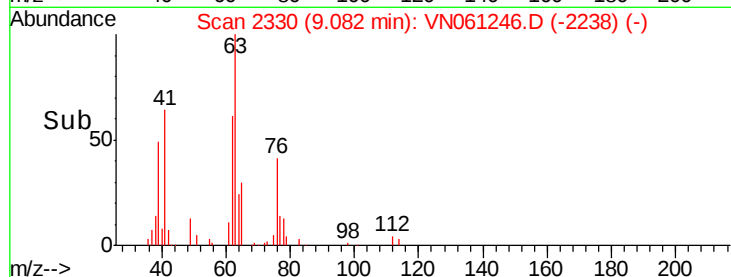
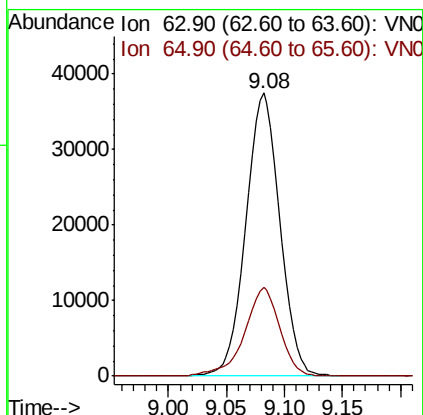
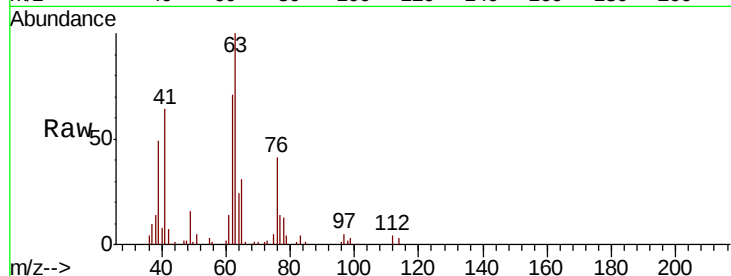
ClientSampleId :

Tot Ion: 63 Resp: 76721

Ion Ratio Lower Upper

63 100

65 31.4 24.7 37.1



#46

Dibromomethane

Concen: 60.143 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

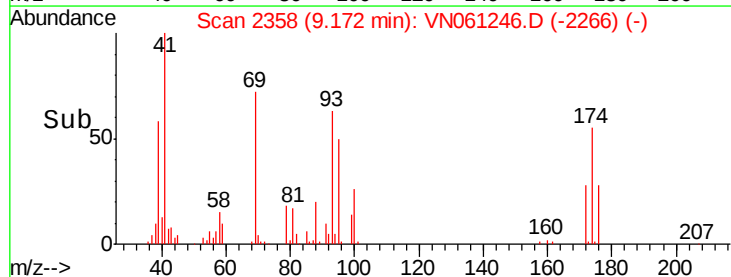
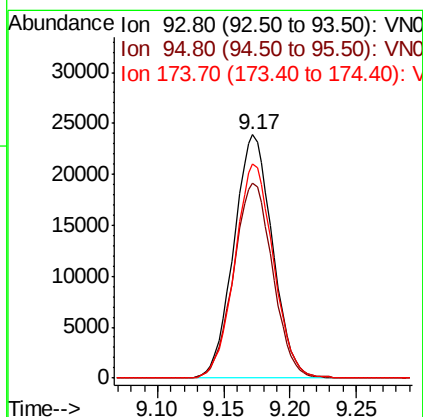
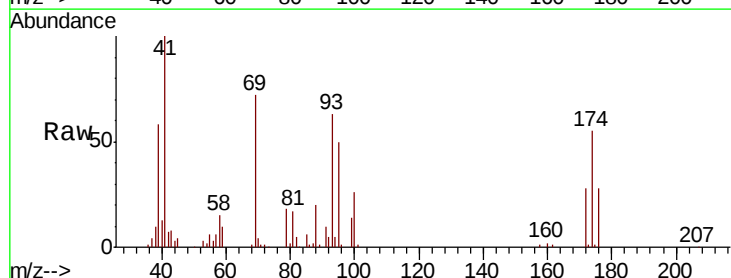
Tgt Ion: 93 Resp: 48437

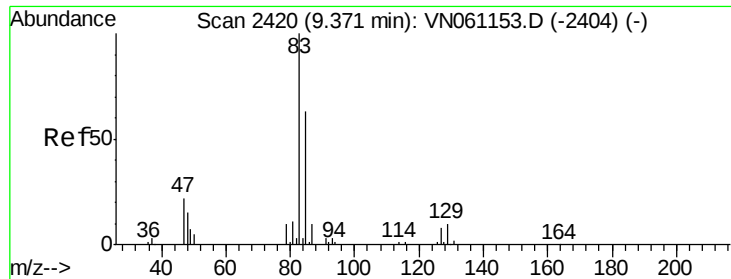
Ion Ratio Lower Upper

93 100

95 80.9 66.6 99.8

174 87.7 70.2 105.2





#47

Bromodichloromethane

Concen: 58.739 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampleId :

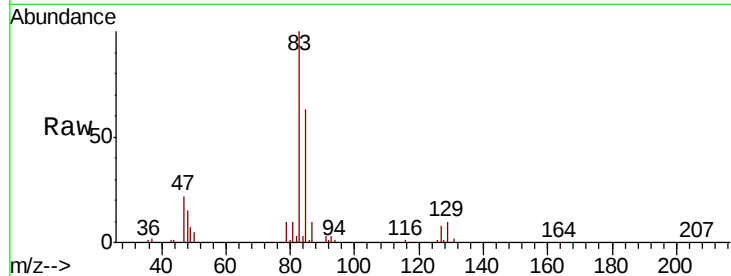
Tot Ion: 83 Resp: 101539

Ion Ratio Lower Upper

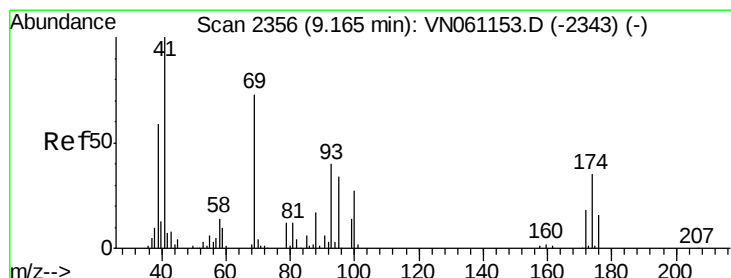
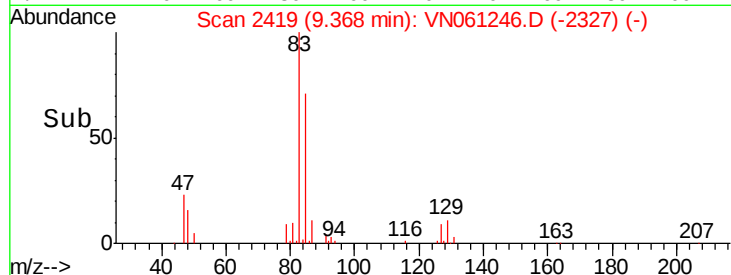
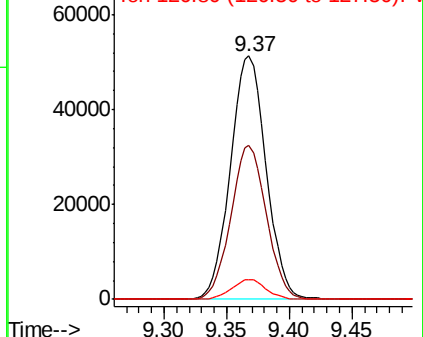
83 100

85 63.3 50.4 75.6

127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 60.864 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

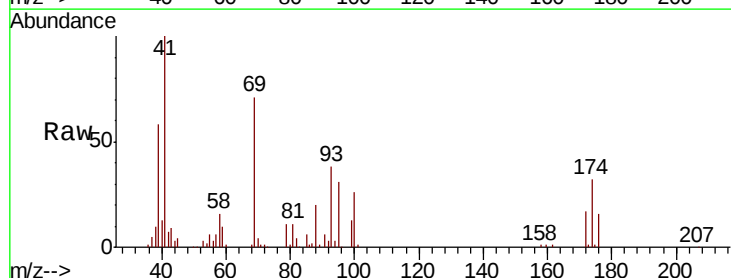
Tgt Ion: 41 Resp: 87326

Ion Ratio Lower Upper

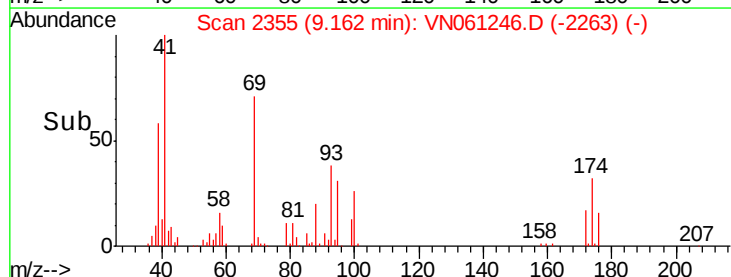
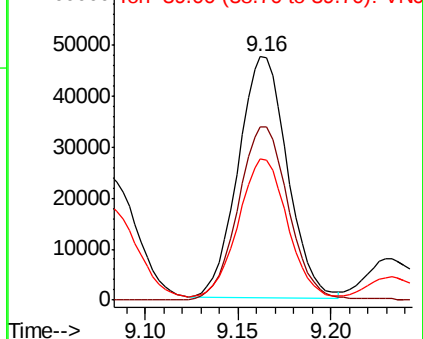
41 100

69 74.0 60.3 90.5

39 59.7 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

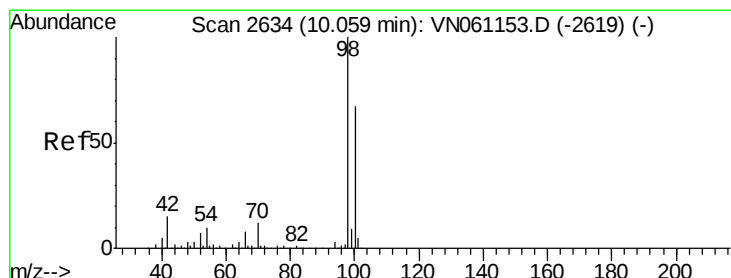
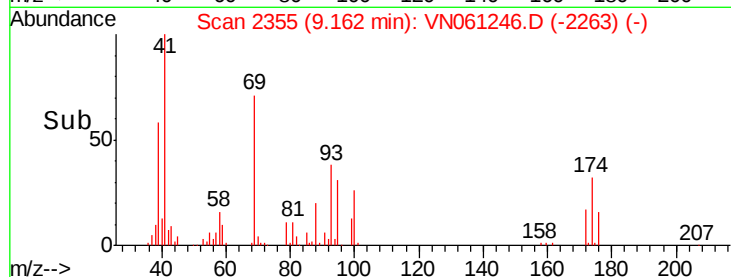
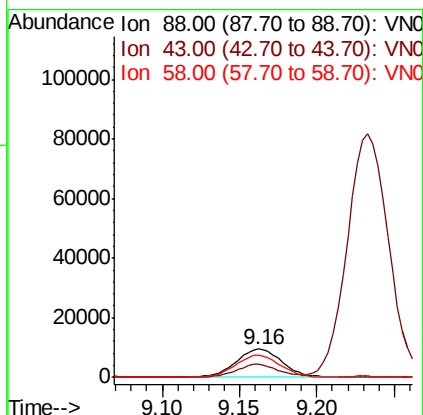
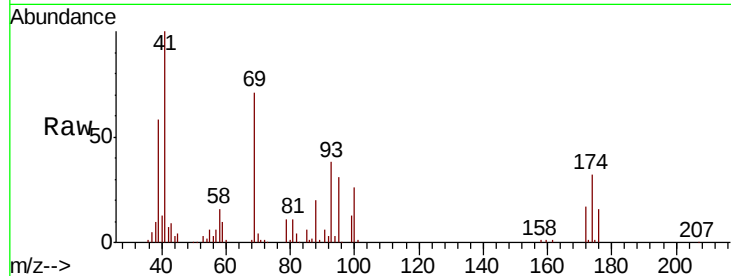




#49
 1,4-Dioxane
 Concen: 1199.338 ug/l
 RT: 9.16 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

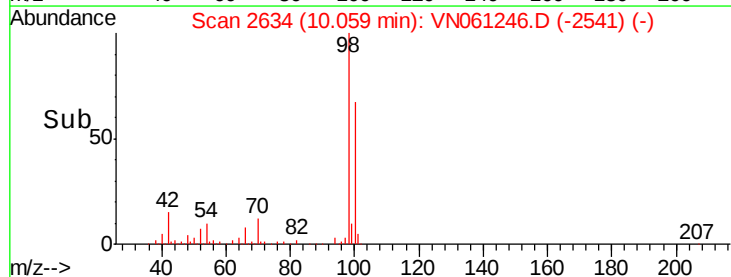
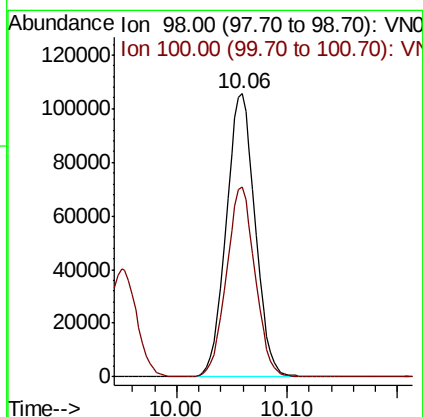
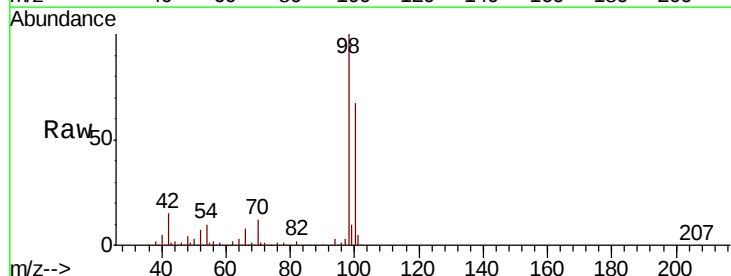
Instrument :
 MSVOA_N
 ClientSampleId :

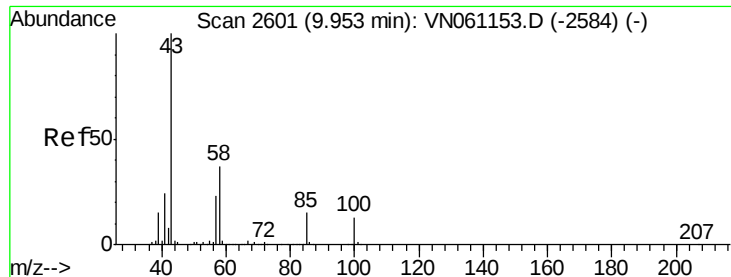
Tot Ion: 88 Resp: 19533
 Ion Ratio Lower Upper
 88 100
 43 42.9 35.3 52.9
 58 78.0 61.5 92.3



#50
 Toluene-d8
 Concen: 48.841 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion: 98 Resp: 192199
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.4 80.0

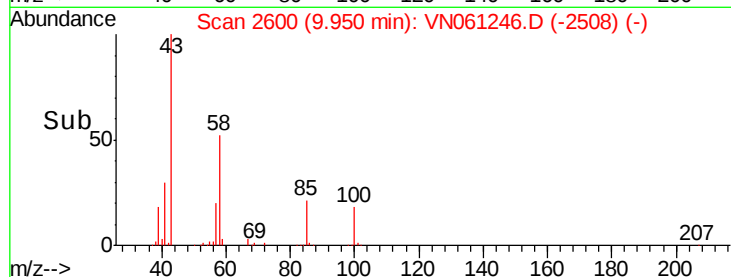
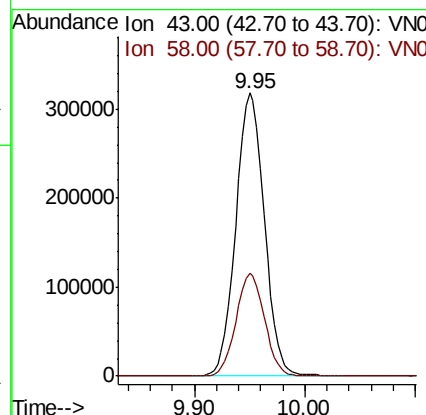
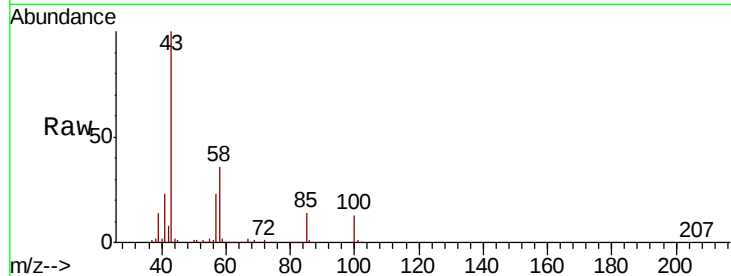




#51
4-Methyl-2-Pentanone
Concen: 305.678 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

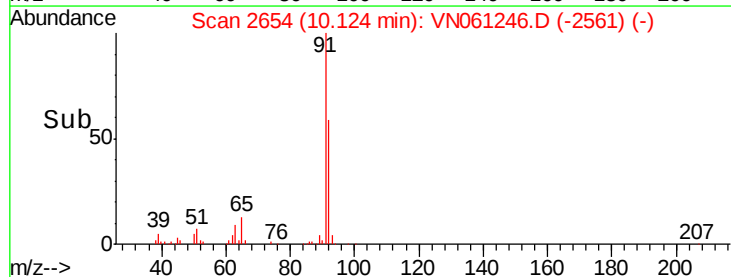
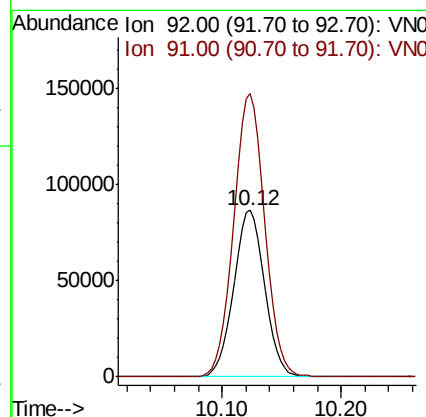
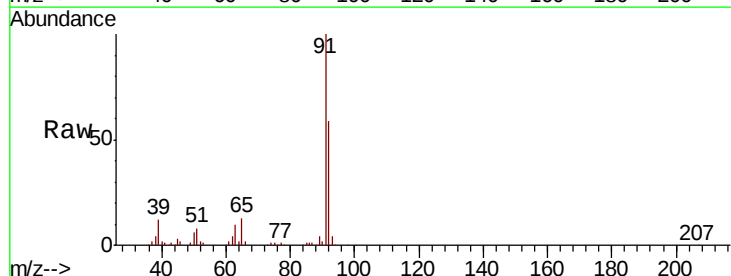
Instrument :
MSVOA_N
ClientSampled :

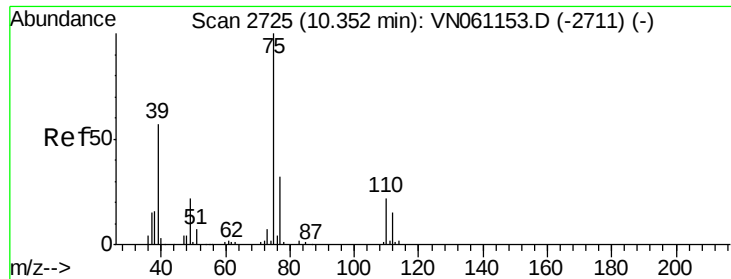
Tot Ion: 43 Resp: 572086
Ion Ratio Lower Upper
43 100
58 36.3 29.1 43.7



#52
Toluene
Concen: 53.126 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 92 Resp: 155796
Ion Ratio Lower Upper
92 100
91 171.3 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 56.517 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

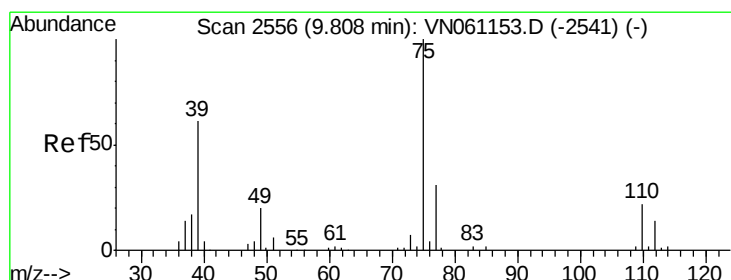
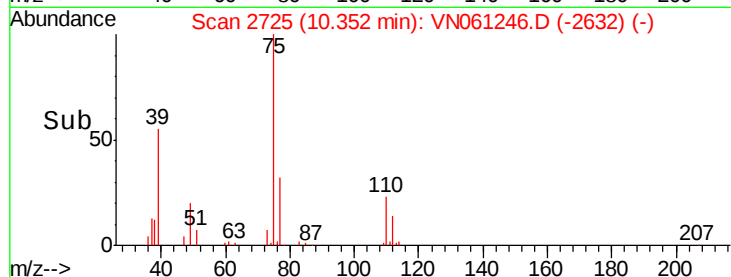
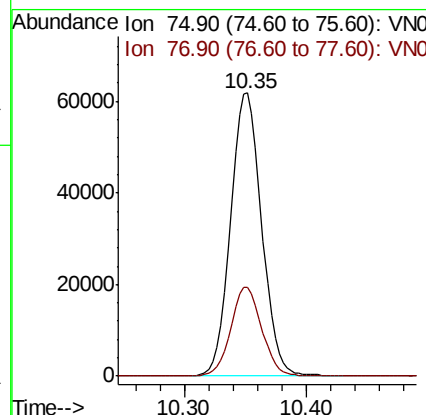
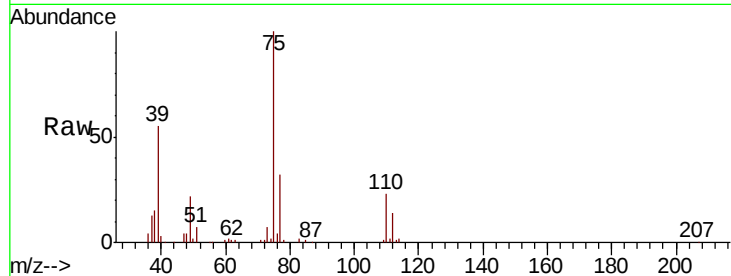
ClientSampleId :

Tot Ion: 75 Resp: 110083

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 57.418 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

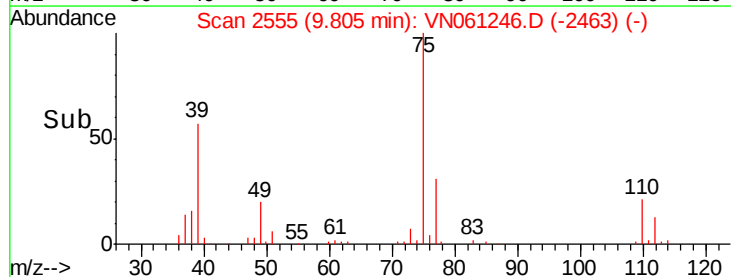
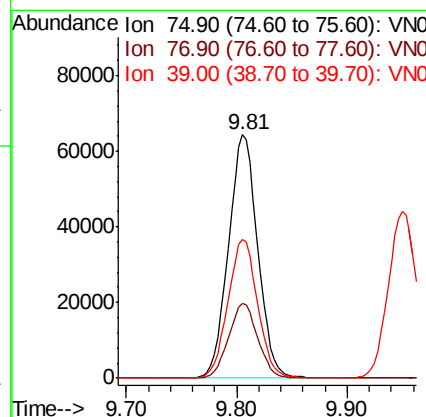
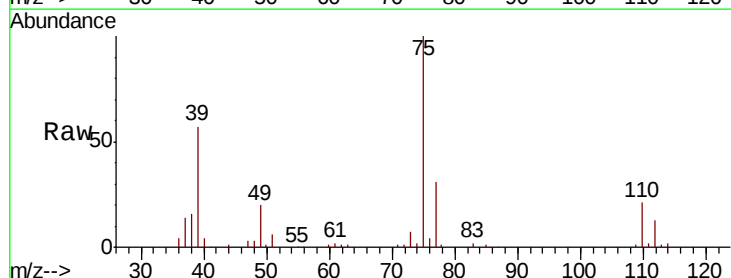
Tgt Ion: 75 Resp: 118237

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 57.2 48.7 73.1

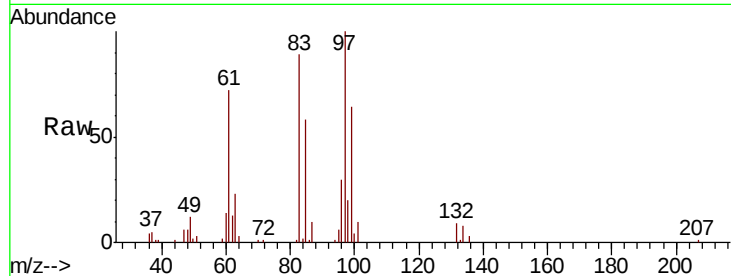




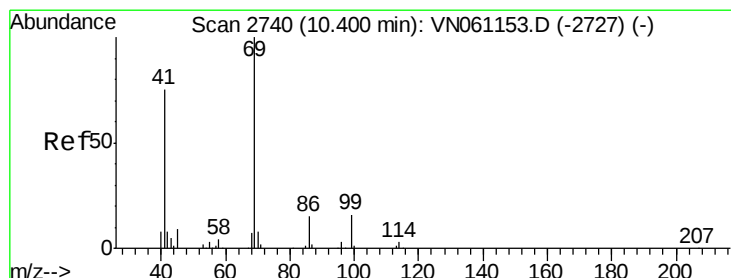
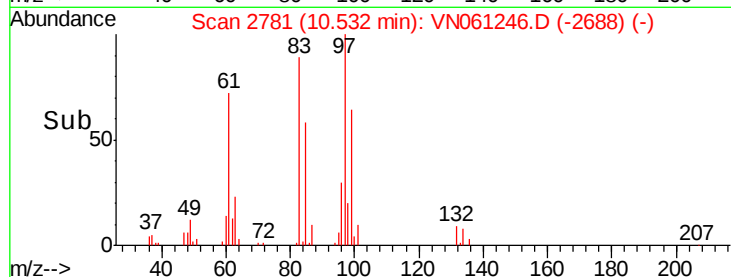
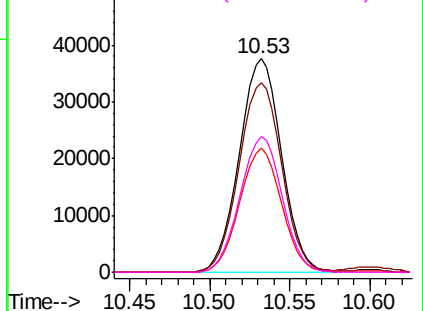
#55
 1,1,2-Trichloroethane
 Concen: 57.981 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	67822
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.6	106.0
85	57.9	46.4	69.6
99	63.5	50.6	75.8

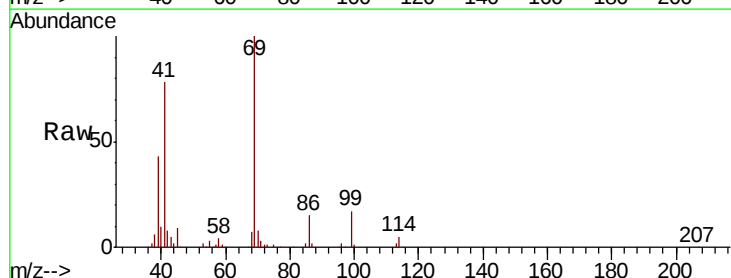


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

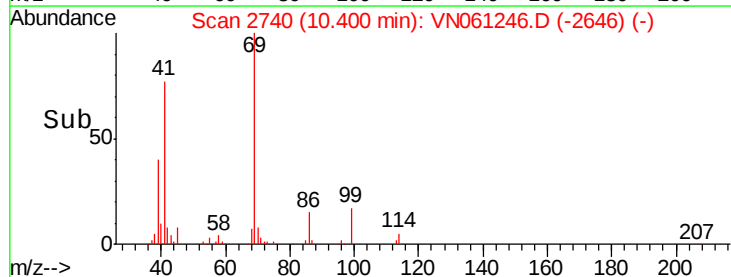
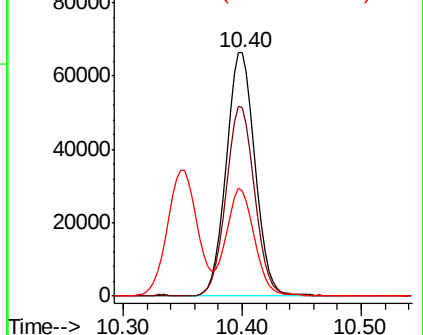


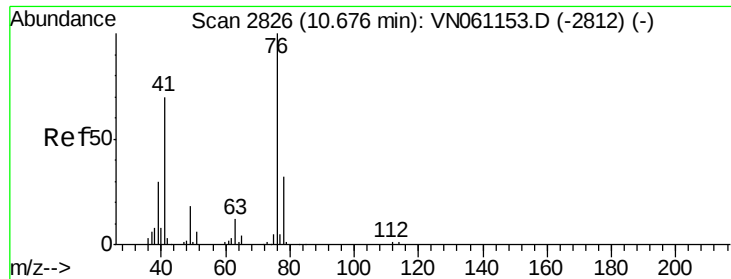
#56
 Ethyl methacrylate
 Concen: 54.346 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion:	69	Resp:	111285
Ion	Ratio	Lower	Upper
69	100		
41	78.0	60.3	90.5
39	43.1	35.9	53.9



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 60.144 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

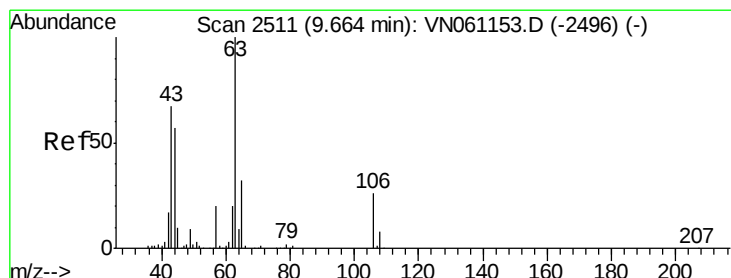
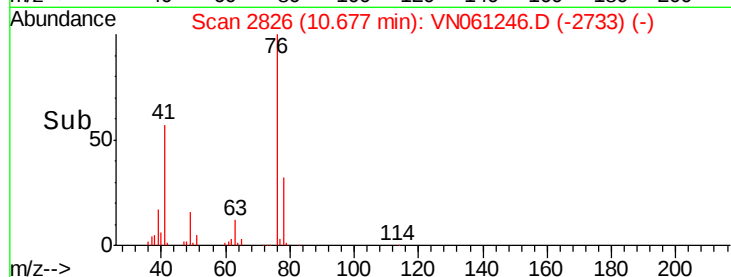
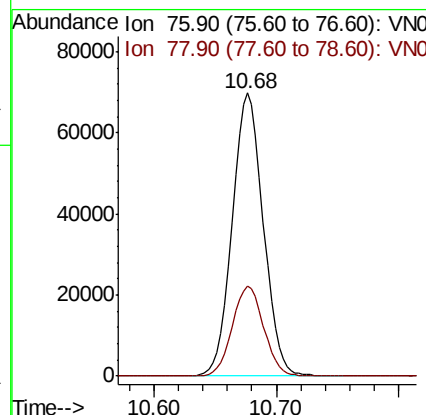
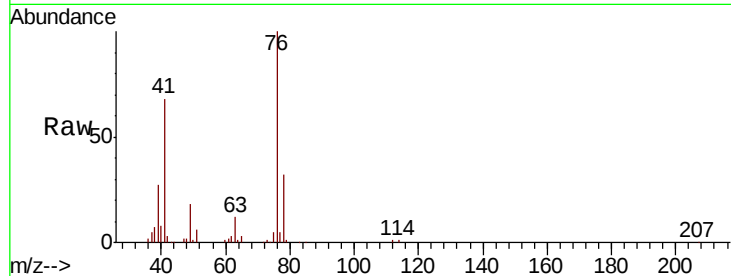
ClientSampled :

Tot Ion: 76 Resp: 123661

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 306.947 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061246.D

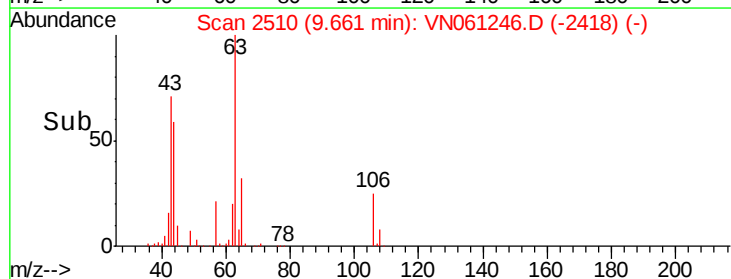
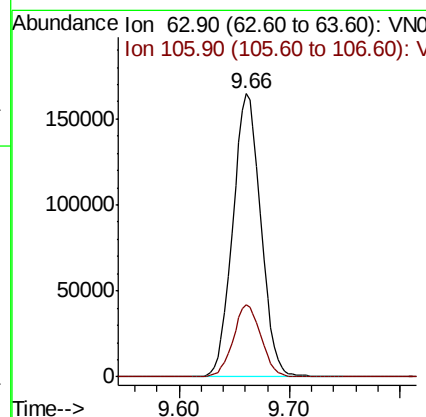
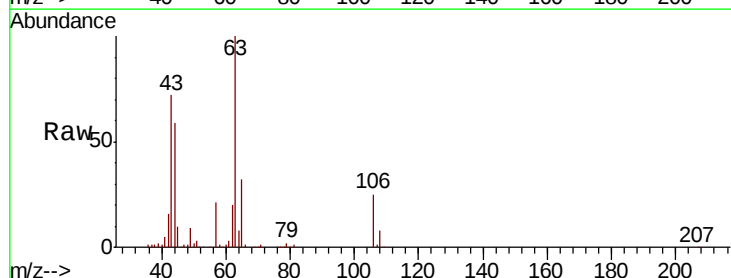
Acq: 2 May 2020 00:48

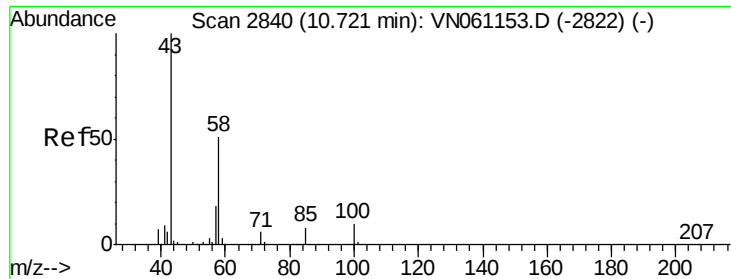
Tgt Ion: 63 Resp: 290625

Ion Ratio Lower Upper

63 100

106 25.2 20.6 30.8

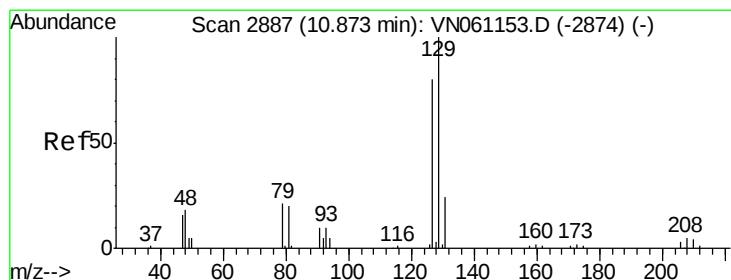
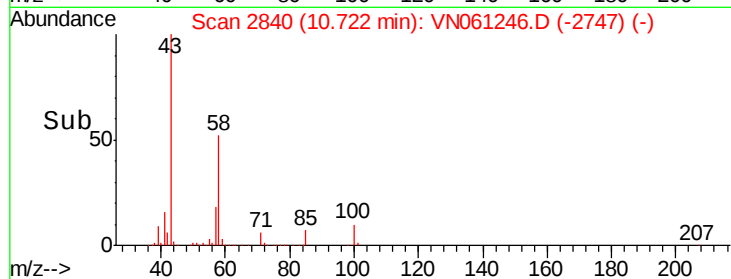
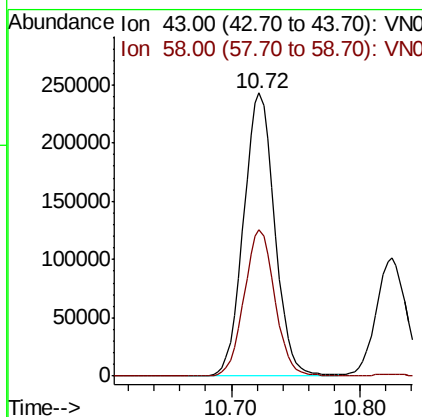
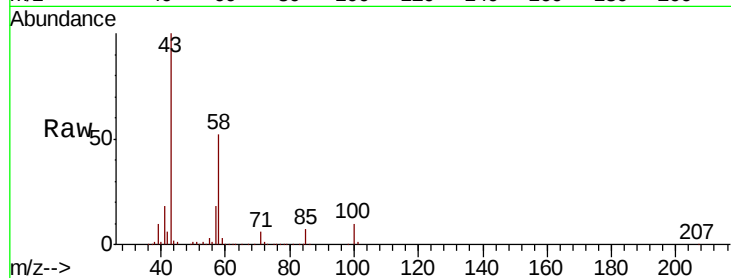




#59
2-Hexanone
Concen: 299.869 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

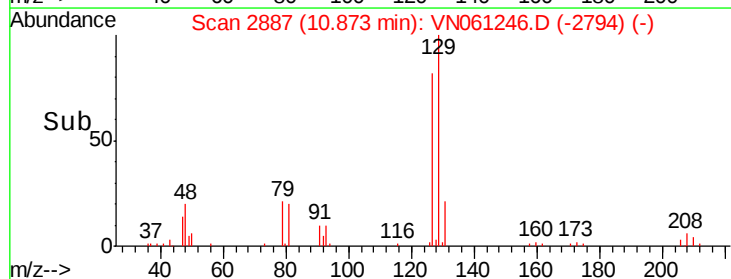
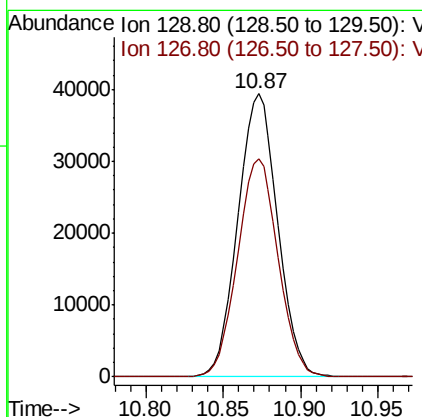
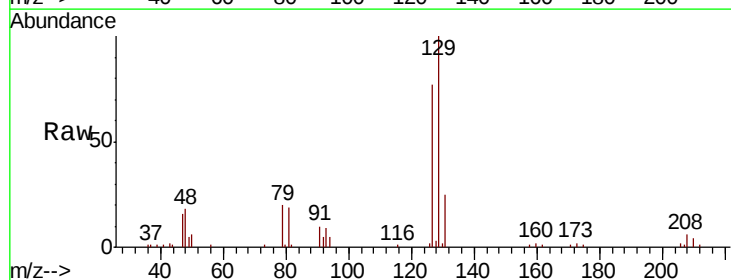
Instrument :
MSVOA_N
ClientSampleId :

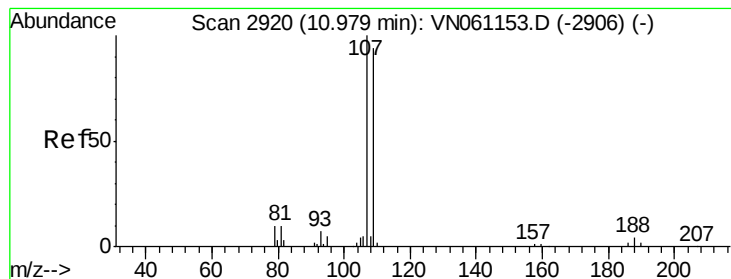
Tot Ion: 43 Resp: 408294
Ion Ratio Lower Upper
43 100
58 51.0 25.4 76.4



#60
Dibromochloromethane
Concen: 57.502 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 129 Resp: 70446
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 58.459 ug/l

RT: 10.98 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

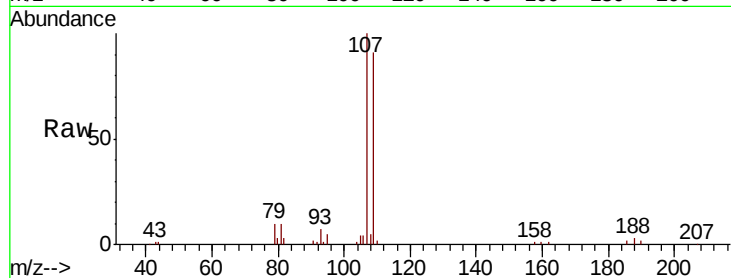
ClientSampled :

Tot Ion:107 Resp: 68538

Ion Ratio Lower Upper

107 100

109 93.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

40000

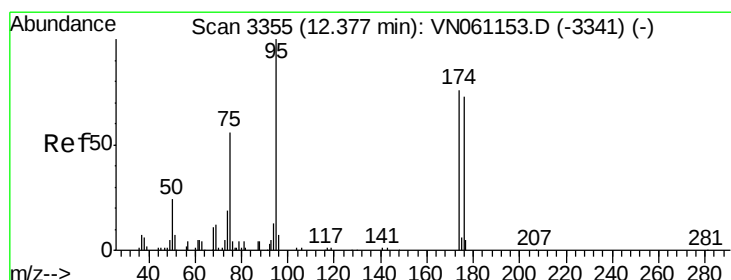
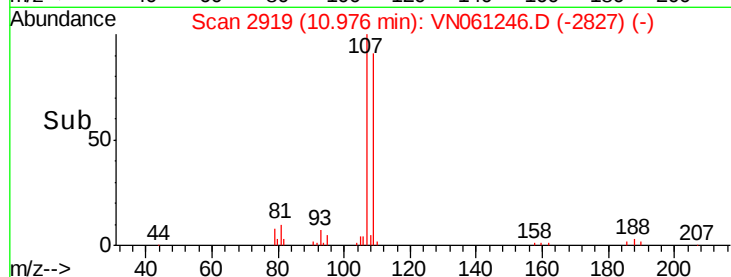
30000

20000

10000

0

Time--> 10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 48.499 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

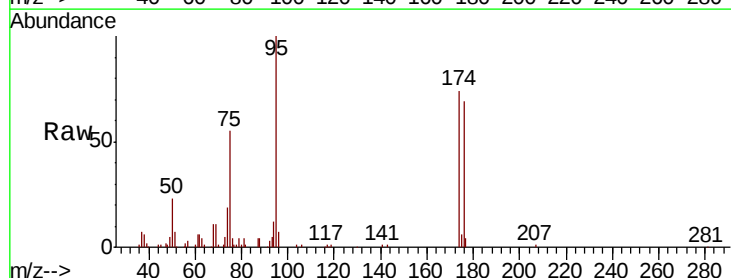
Tgt Ion: 95 Resp: 71821

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.4

176 69.7 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.37

50000

40000

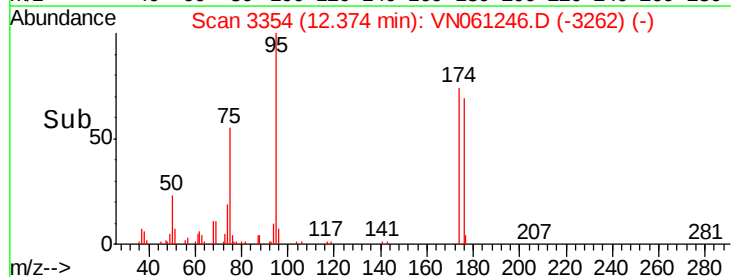
30000

20000

10000

0

Time--> 12.30 12.35 12.40 12.45

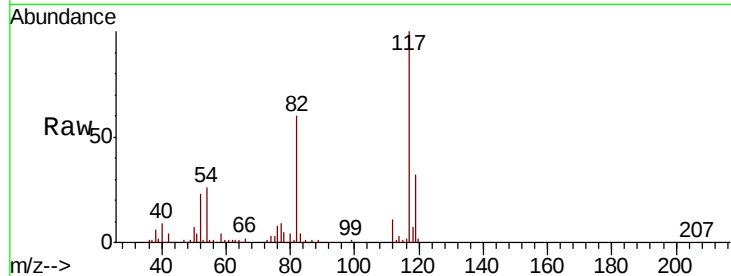




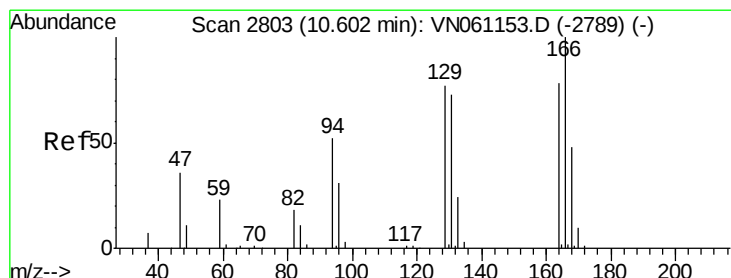
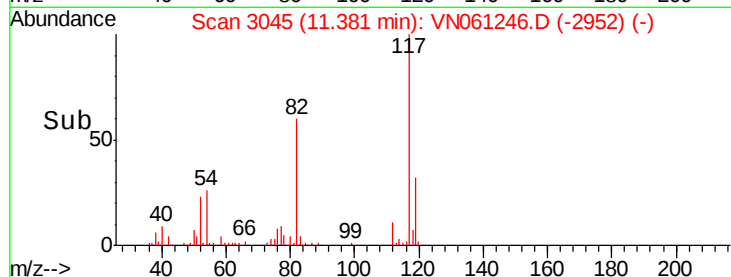
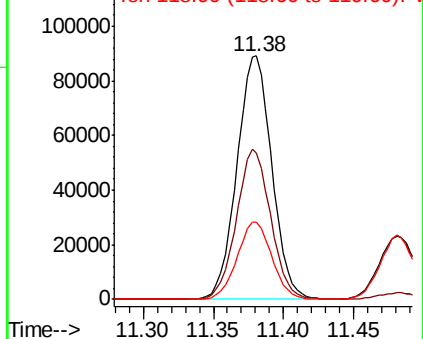
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 154479
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.7 25.8 38.6

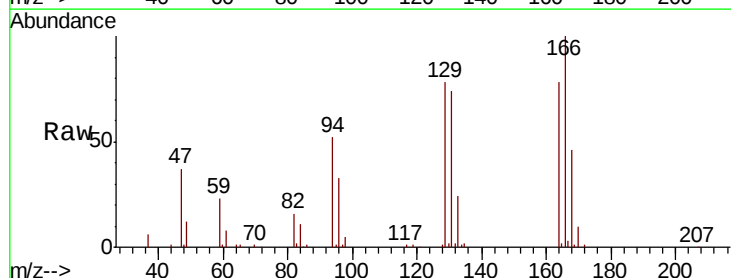


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

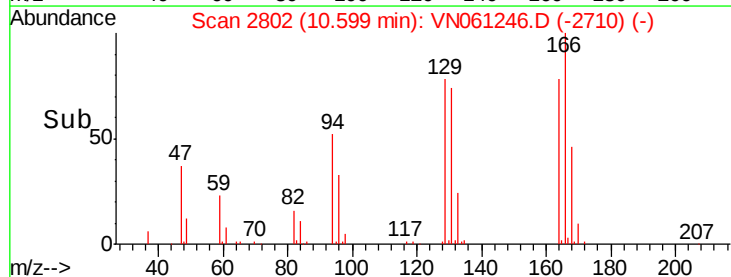
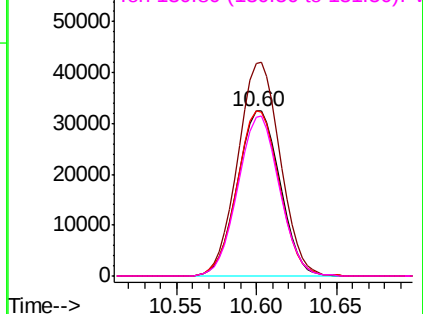


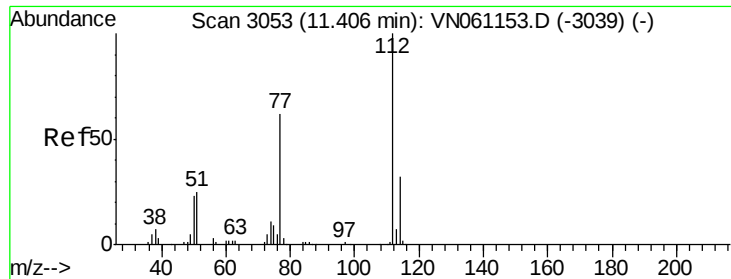
#64
Tetrachloroethene
Concen: 44.113 ug/l
RT: 10.60 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion:164 Resp: 59021
Ion Ratio Lower Upper
164 100
166 128.9 102.0 153.0
129 100.3 78.2 117.2
131 96.0 74.5 111.7



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

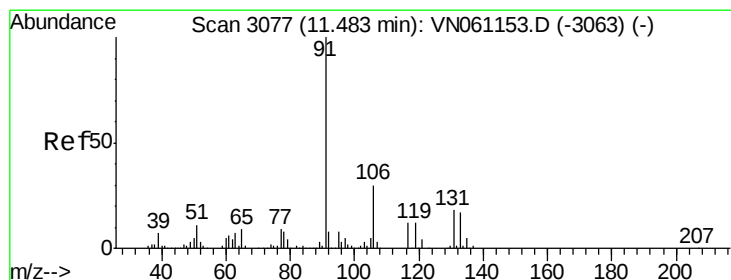
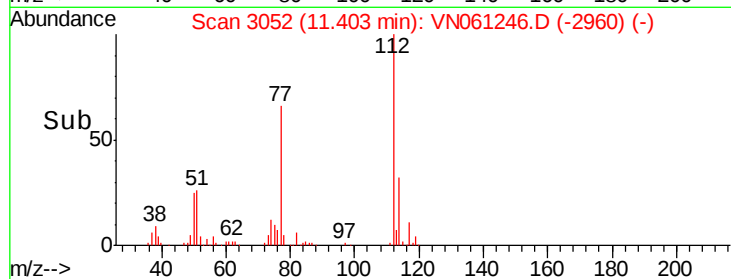
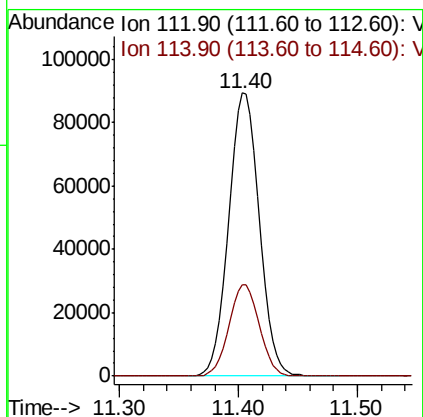
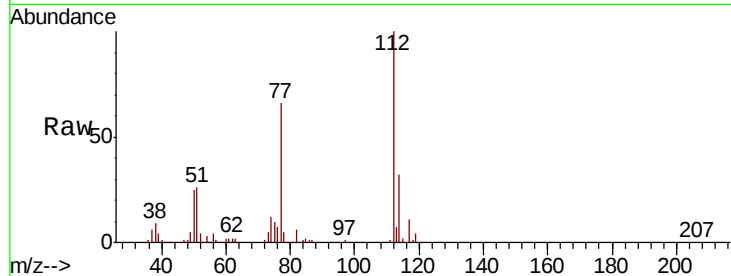




#65
Chlorobenzene
Concen: 52.071 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

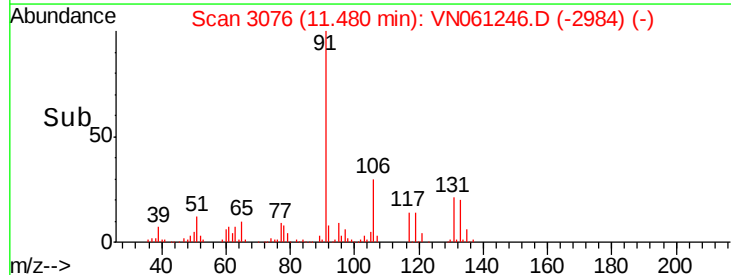
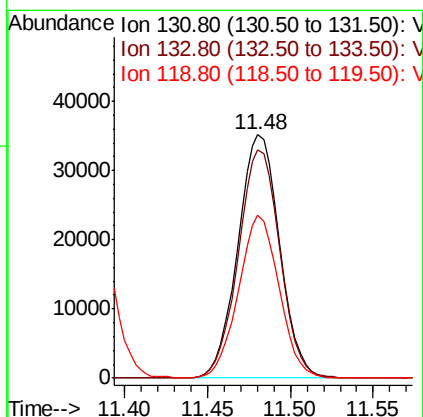
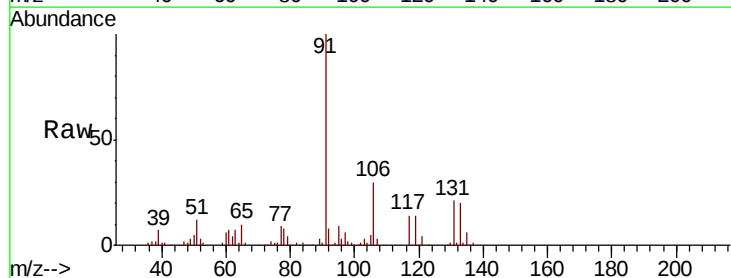
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 159563
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.172 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion:131 Resp: 61607
Ion Ratio Lower Upper
131 100
133 93.5 48.0 144.2
119 65.1 32.6 97.8





#67

Ethyl Benzene

Concen: 50.738 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

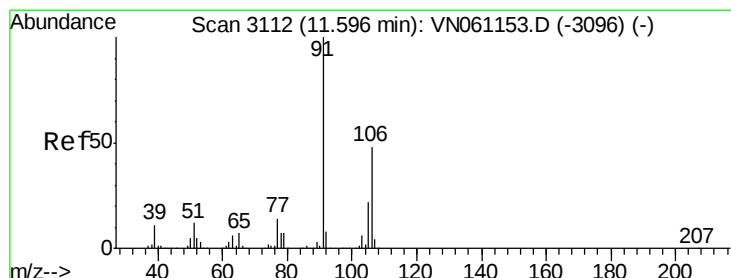
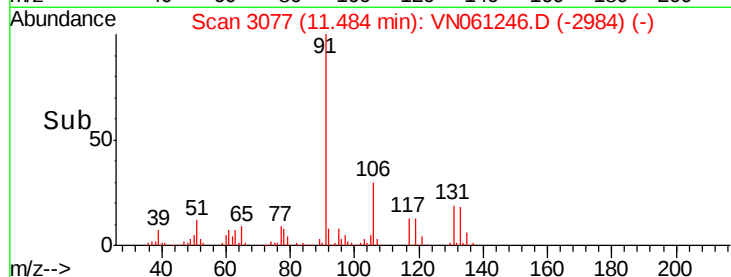
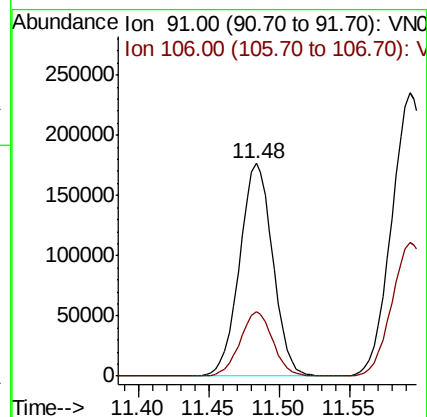
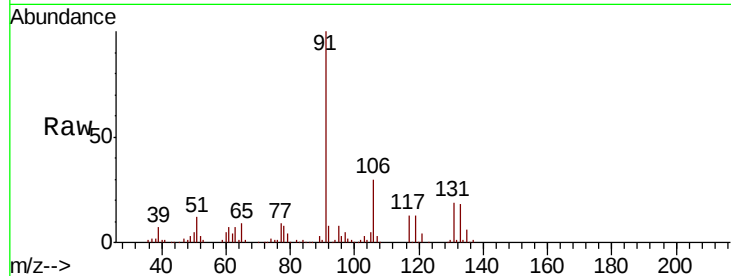
ClientSampleId :

Tot Ion: 91 Resp: 291053

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.6



#68

m/p-Xylenes

Concen: 102.120 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061246.D

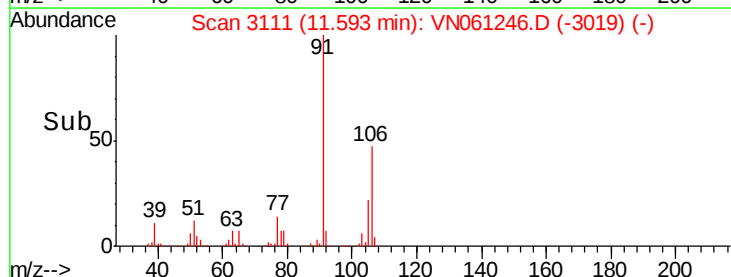
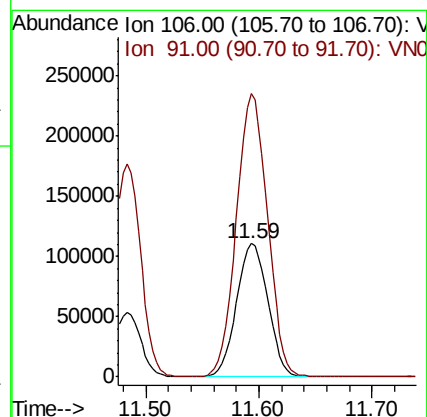
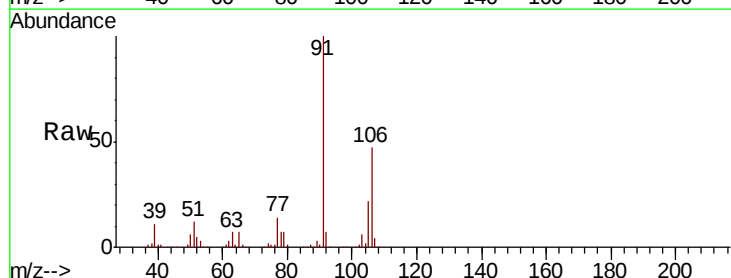
Acq: 2 May 2020 00:48

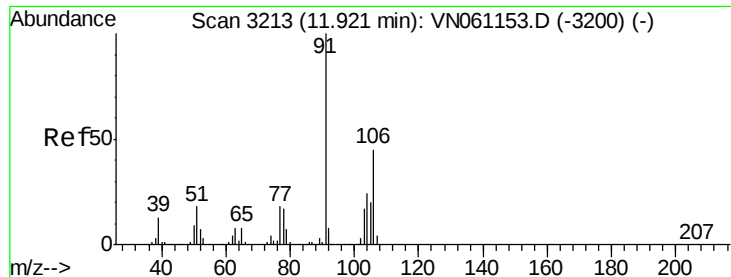
Tgt Ion: 106 Resp: 214422

Ion Ratio Lower Upper

106 100

91 210.1 166.4 249.6

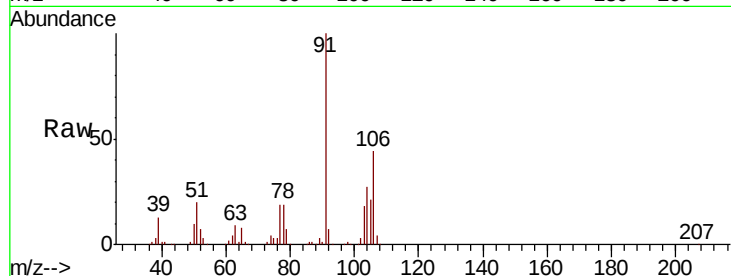




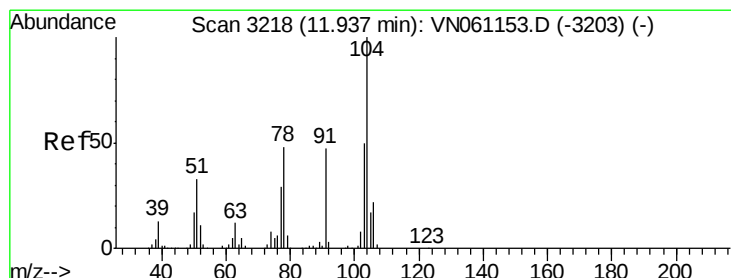
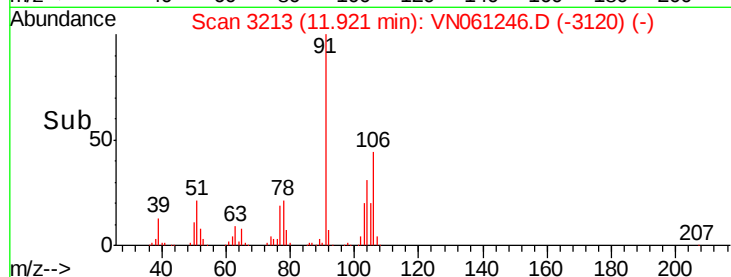
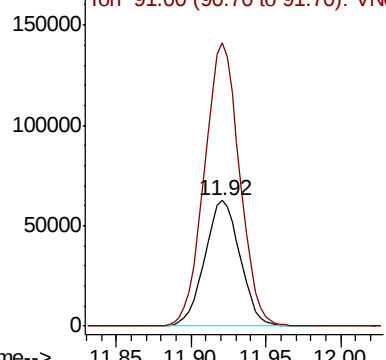
#69
o-Xylene
Concen: 51.138 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 103140
Ion Ratio Lower Upper
106 100
91 224.0 109.7 329.0

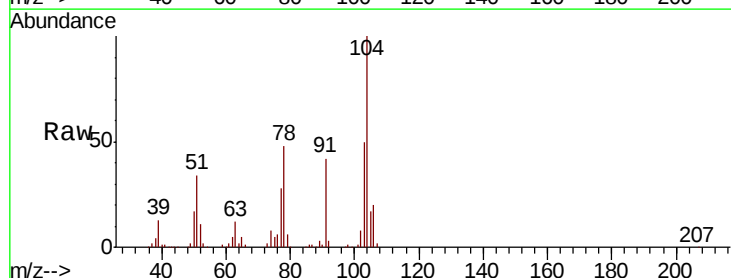


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

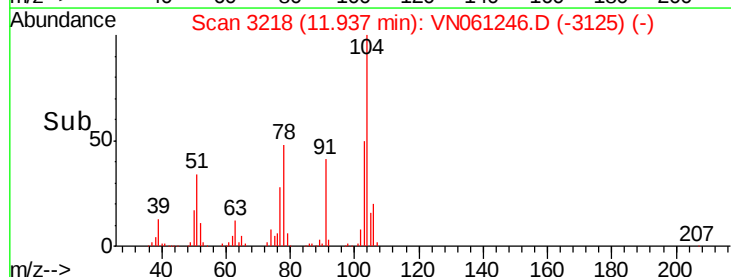
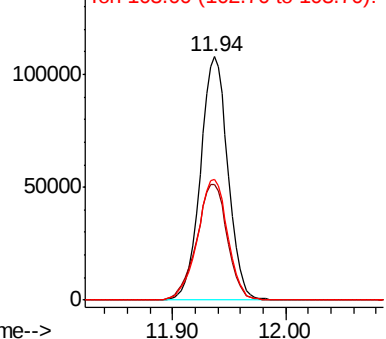


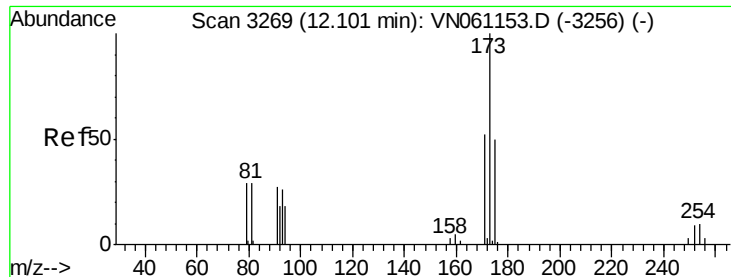
#70
Styrene
Concen: 53.957 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion:104 Resp: 182141
Ion Ratio Lower Upper
104 100
78 53.3 42.1 63.1
103 54.4 43.3 64.9



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





#71

Bromoform

Concen: 58.581 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampleId :

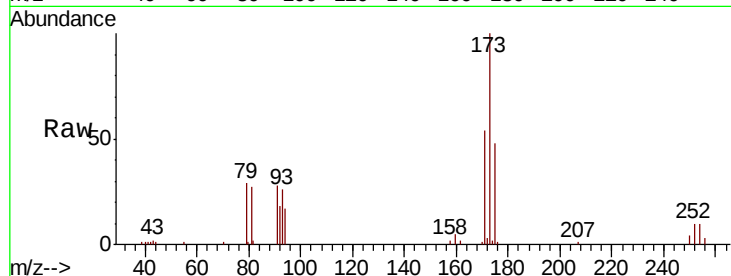
Tot Ion:173 Resp: 47220

Ion Ratio Lower Upper

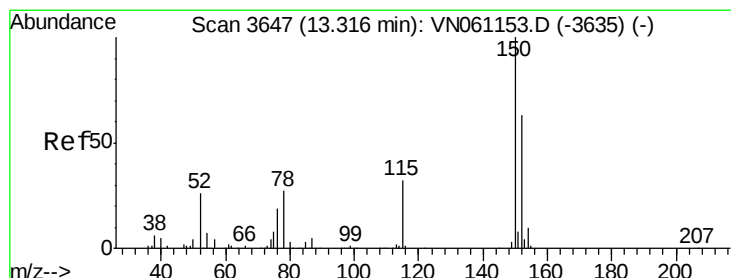
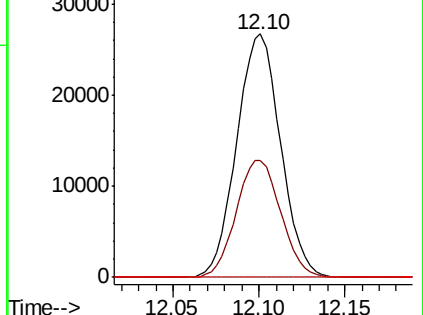
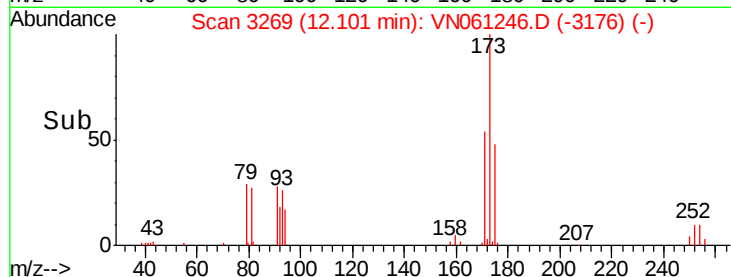
173 100

175 48.7 24.1 72.4

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: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

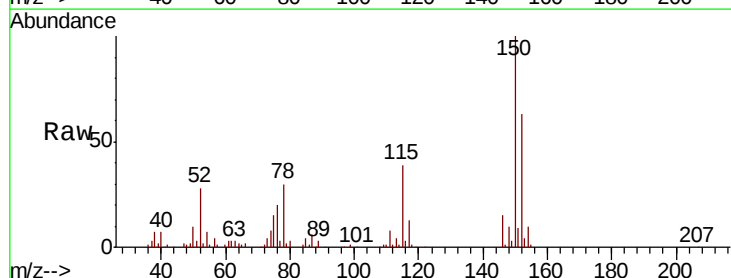
Tgt Ion:152 Resp: 71411

Ion Ratio Lower Upper

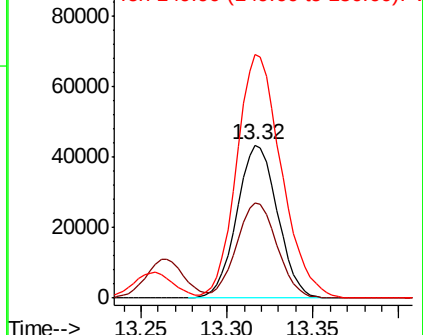
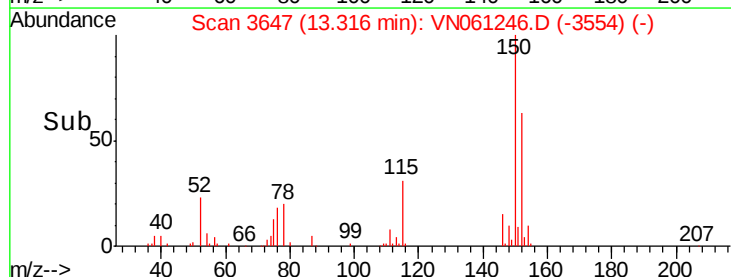
152 100

115 62.6 31.0 93.0

150 175.6 0.0 351.8



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: 51.107 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

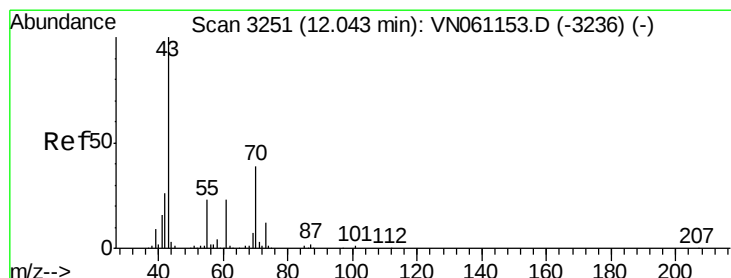
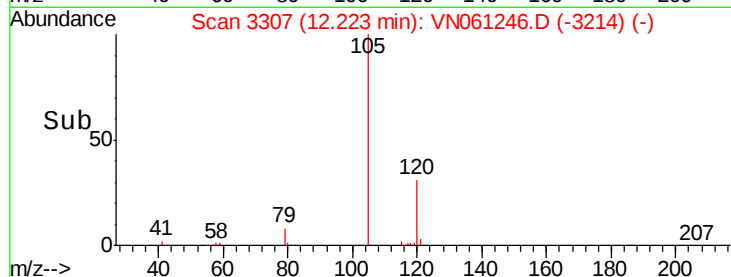
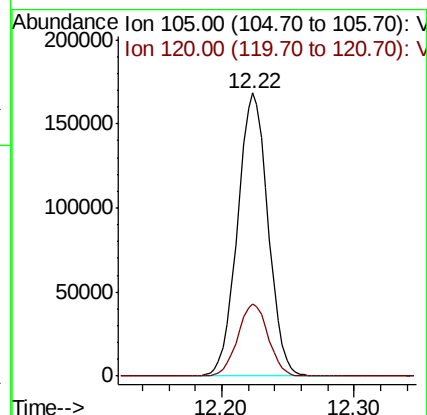
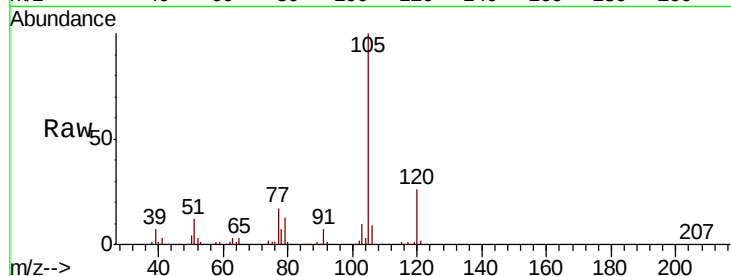
ClientSampled :

Tot Ion:105 Resp: 268299

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 61.247 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Tgt Ion: 43 Resp: 162817

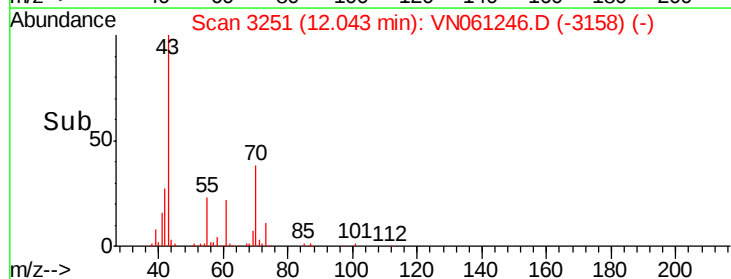
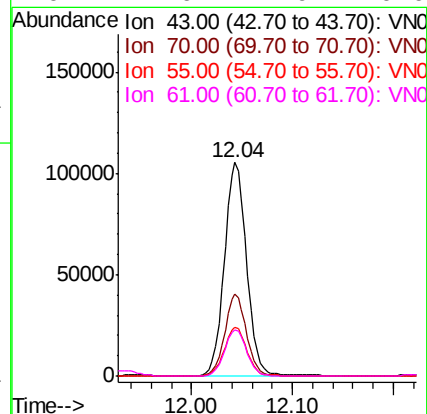
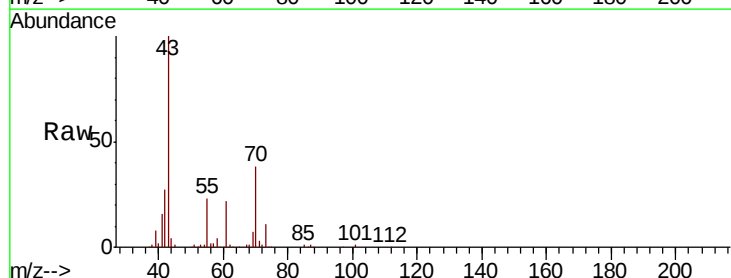
Ion Ratio Lower Upper

43 100

70 37.1 30.6 46.0

55 23.0 18.5 27.7

61 21.6 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 61.419 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampleId :

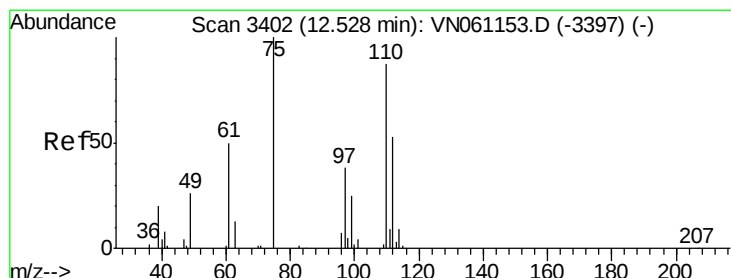
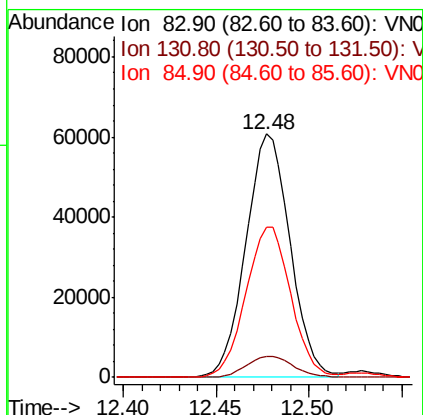
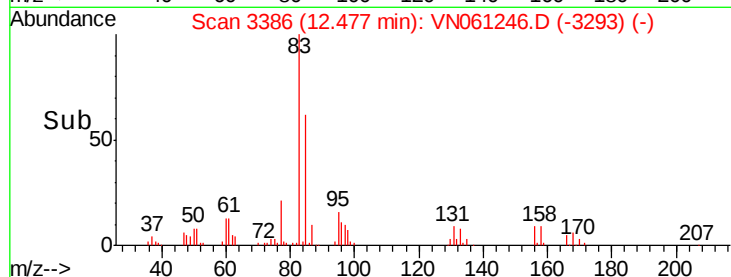
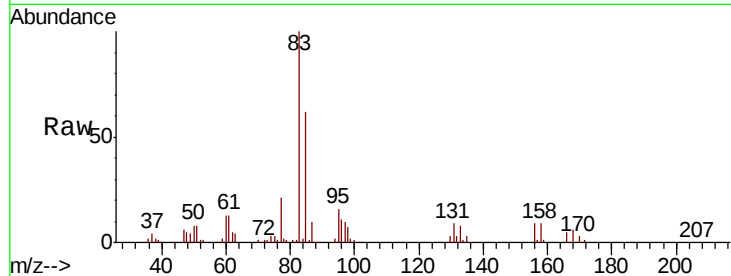
Tot Ion: 83 Resp: 100539

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.3

85 62.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 88.435 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061246.D

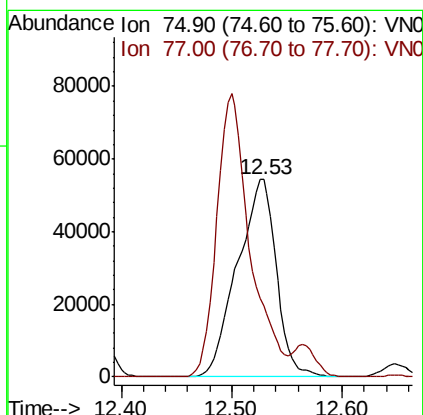
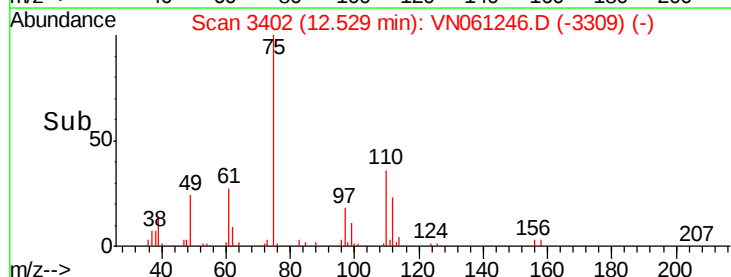
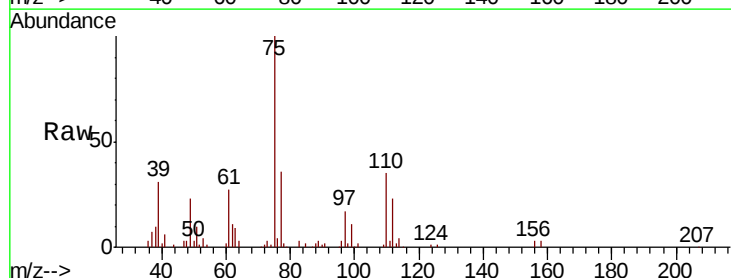
Acq: 2 May 2020 00:48

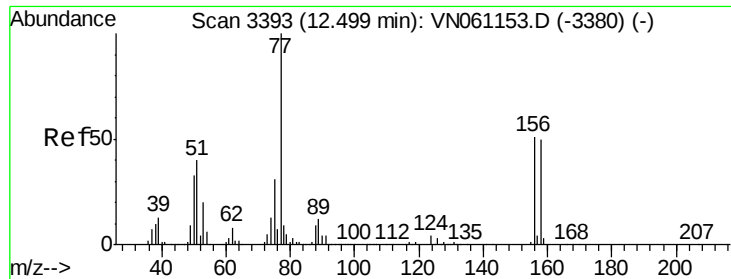
Tgt Ion: 75 Resp: 133142

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.565 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampled :

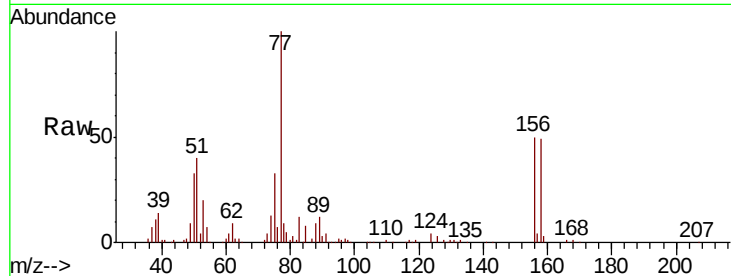
Tot Ion:156 Resp: 67338

Ion Ratio Lower Upper

156 100

77 242.4 117.4 352.2

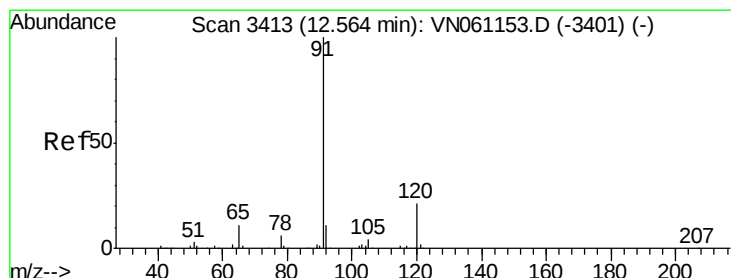
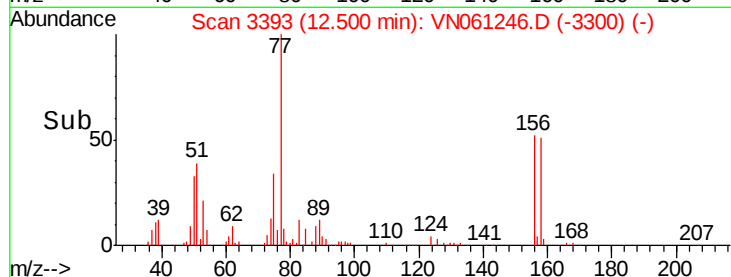
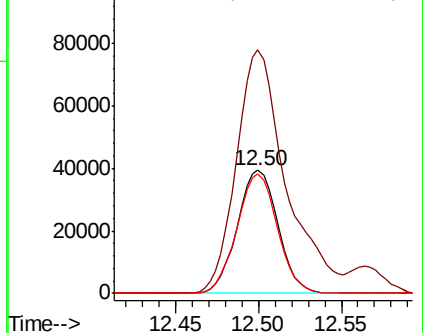
158 96.9 48.4 145.0



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: 51.862 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061246.D

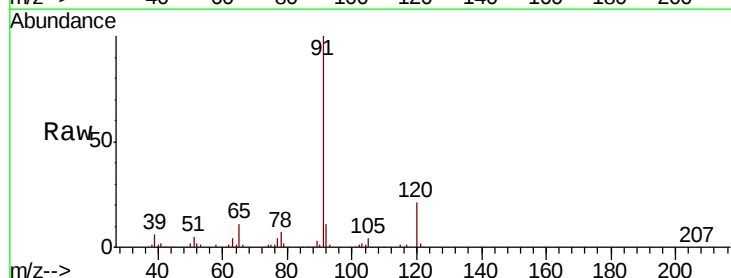
Acq: 2 May 2020 00:48

Tgt Ion: 91 Resp: 322936

Ion Ratio Lower Upper

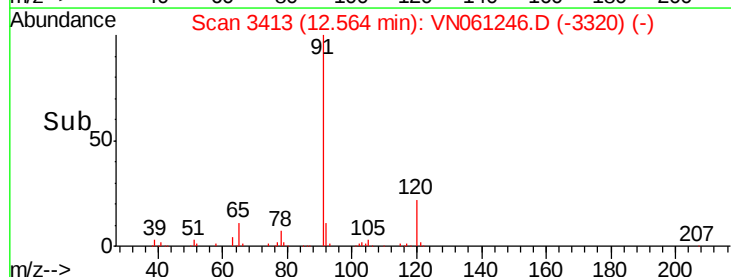
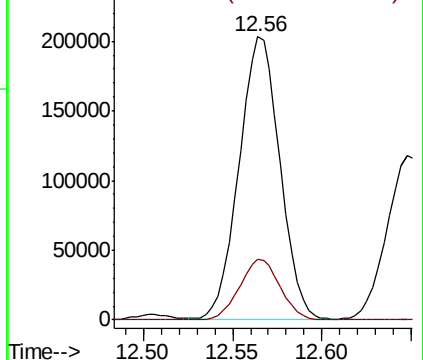
91 100

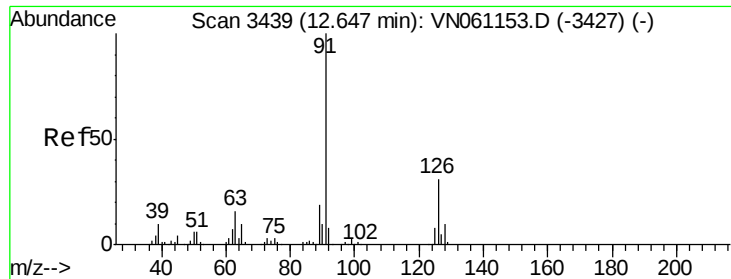
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

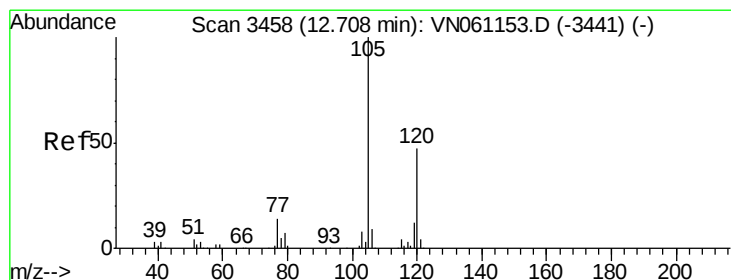
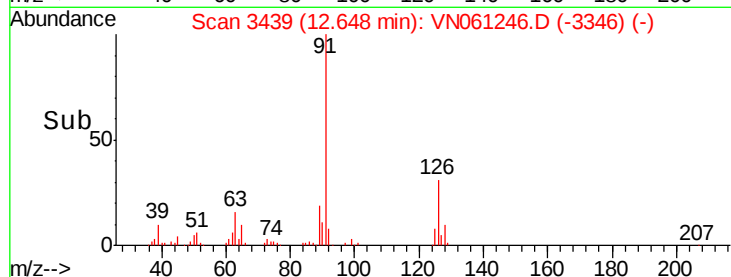
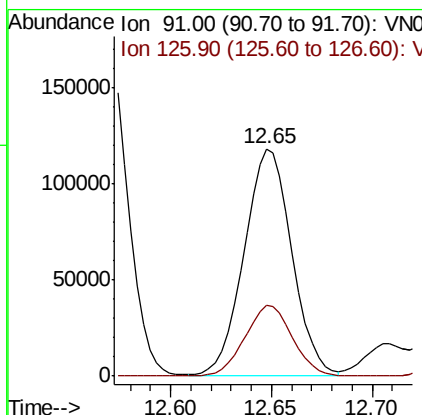
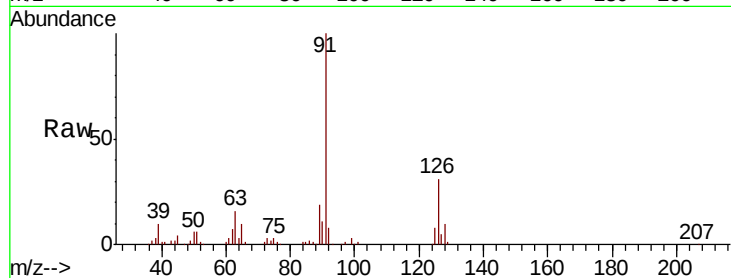




#79
 2-Chlorotoluene
 Concen: 53.185 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

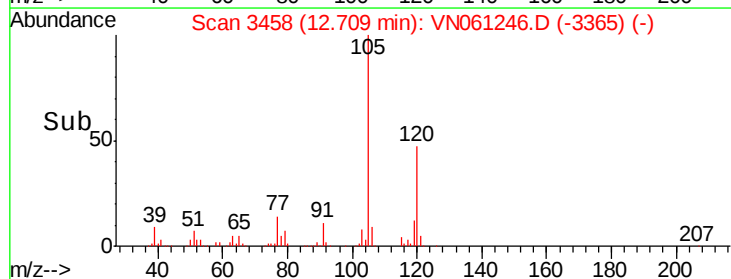
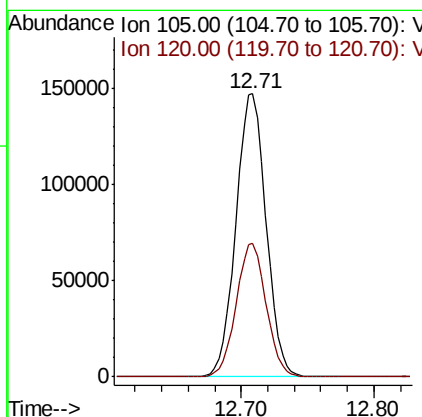
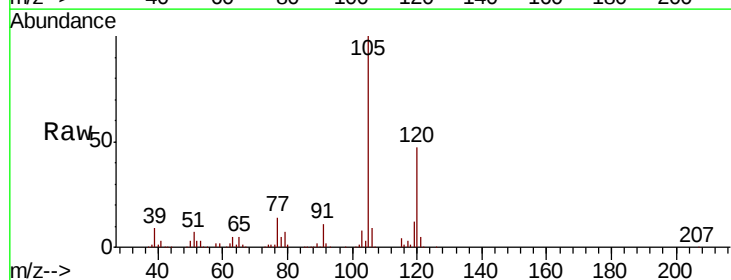
Instrument :
 MSVOA_N
 ClientSampleId :

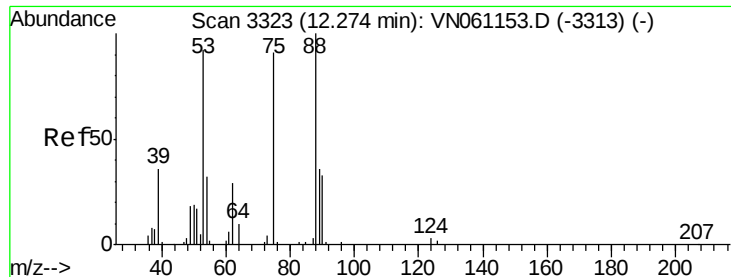
Tot Ion: 91 Resp: 194654
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.596 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion: 105 Resp: 232877
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 56.689 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampled :

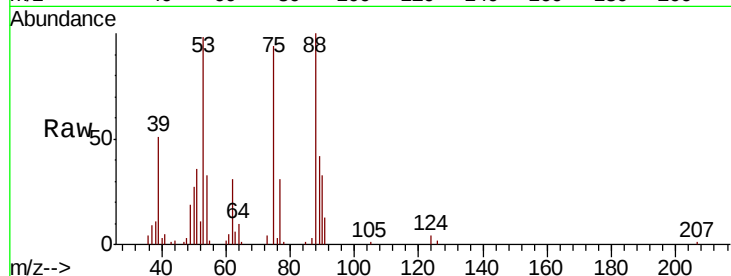
Tot Ion: 75 Resp: 33608

Ion Ratio Lower Upper

75 100

53 104.9 84.1 126.1

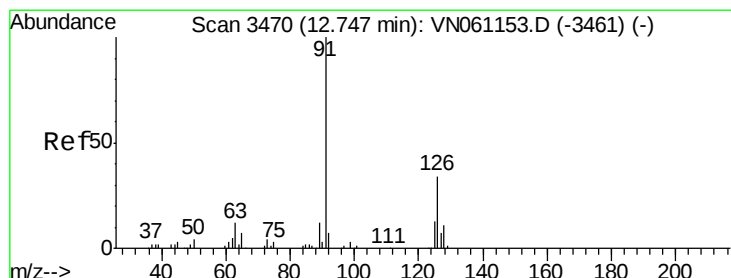
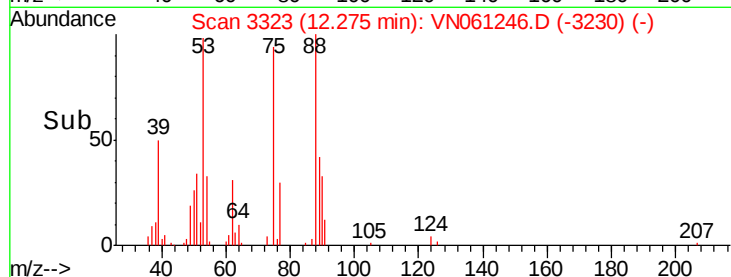
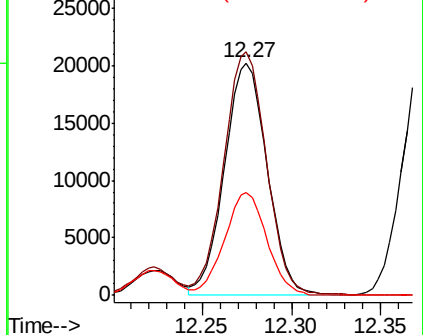
89 43.8 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 53.818 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061246.D

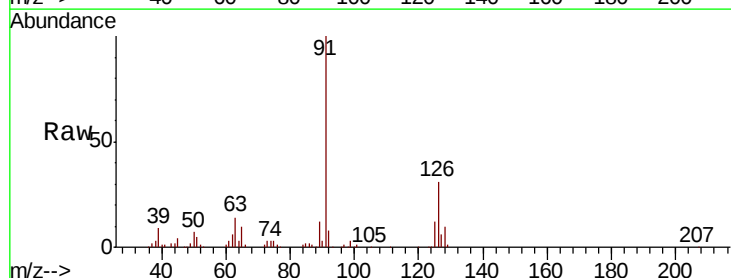
Acq: 2 May 2020 00:48

Tgt Ion: 91 Resp: 207603

Ion Ratio Lower Upper

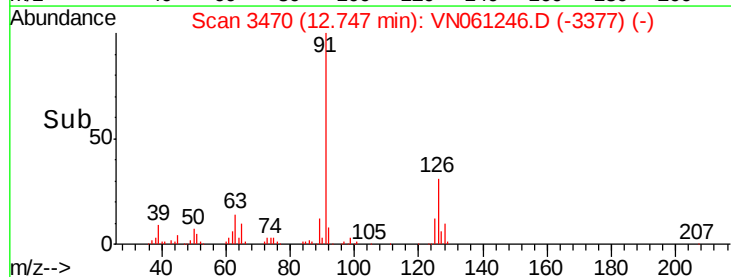
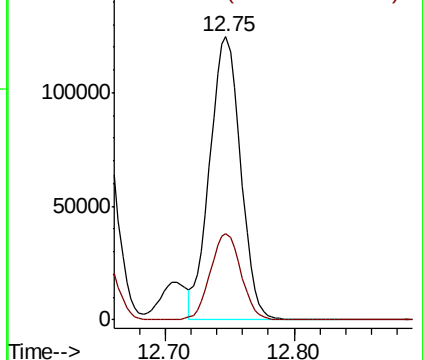
91 100

126 30.3 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

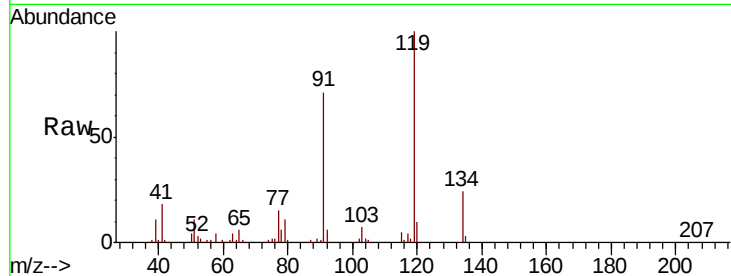




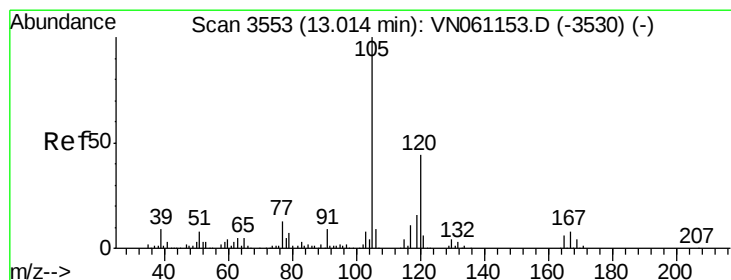
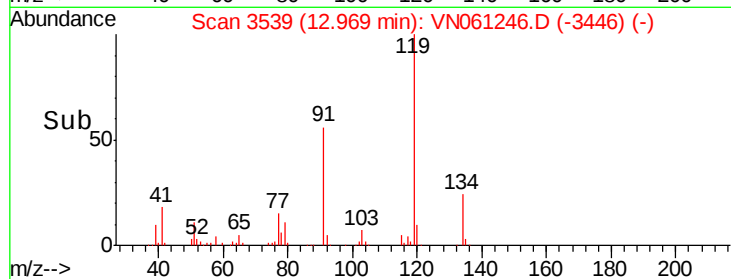
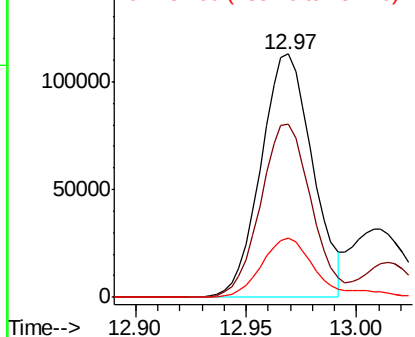
#83
 tert-Butylbenzene
 Concen: 49.927 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 182920
 Ion Ratio Lower Upper
 119 100
 91 70.0 34.8 104.4
 134 26.0 12.9 38.7

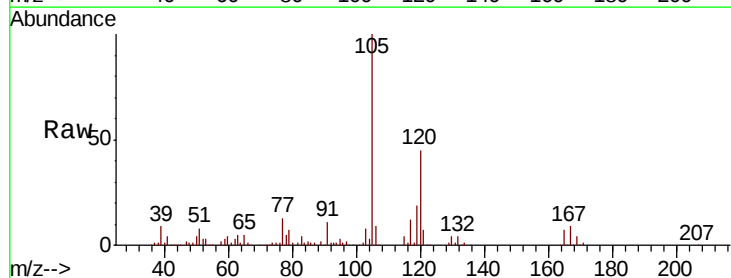


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

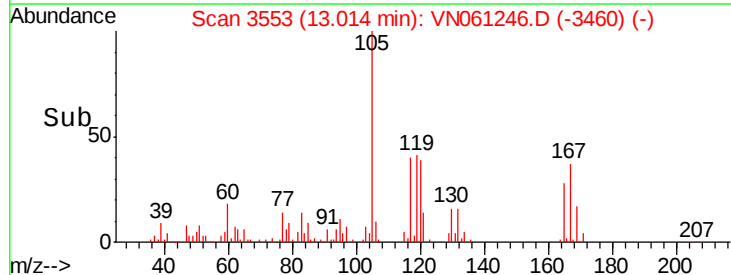
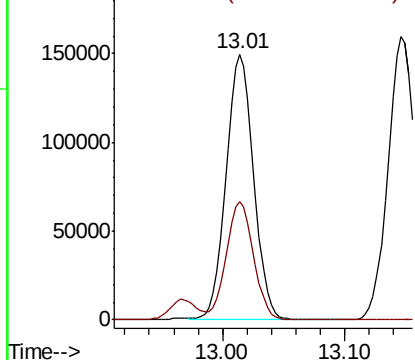


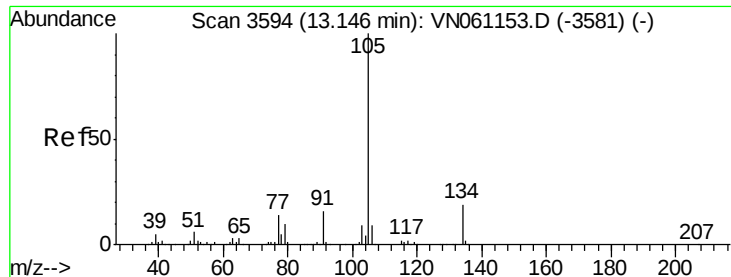
#84
 1,2,4-Trimethylbenzene
 Concen: 52.838 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion:105 Resp: 236531
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.2 66.6



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





#85

sec-Butylbenzene

Concen: 50.609 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

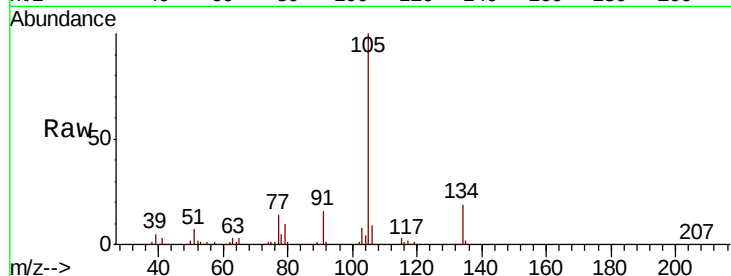
ClientSampleId :

Tot Ion:105 Resp: 252798

Ion Ratio Lower Upper

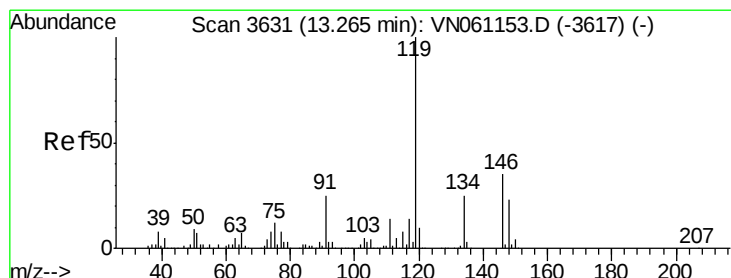
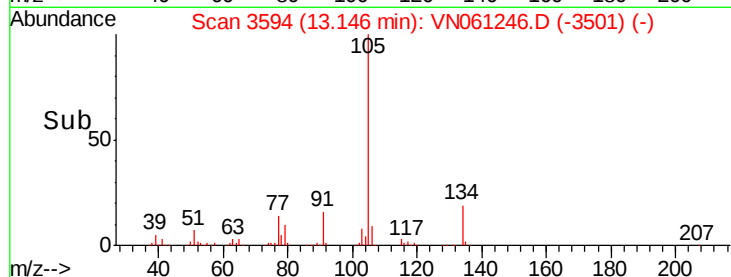
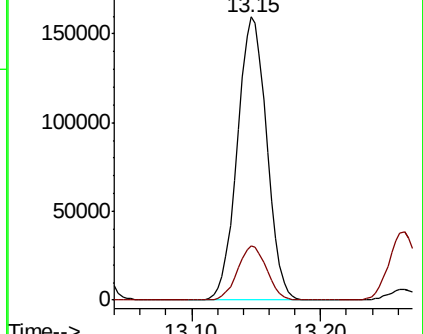
105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.947 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

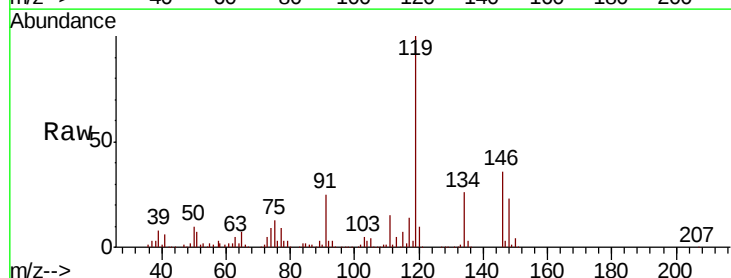
Tgt Ion:119 Resp: 229284

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

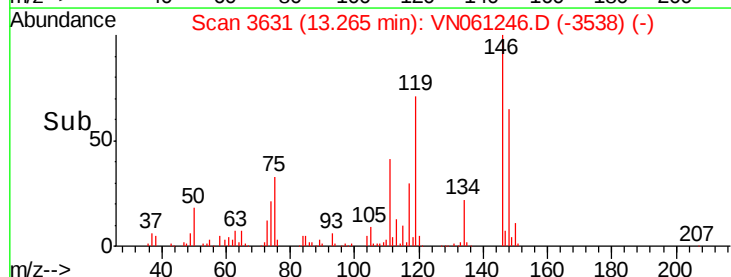
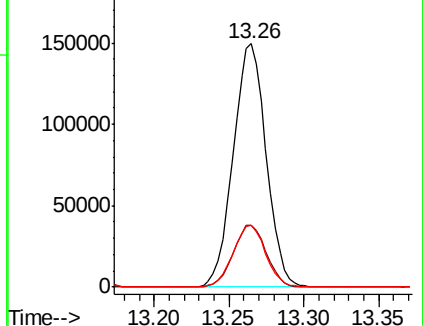
91 25.3 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

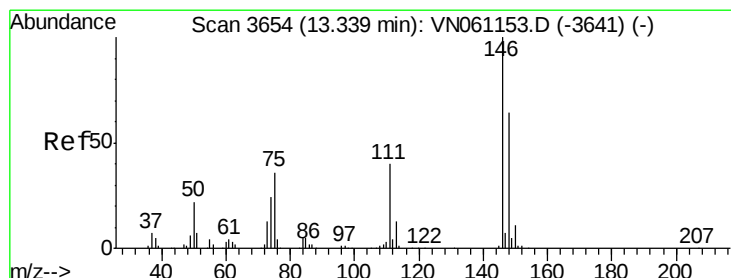
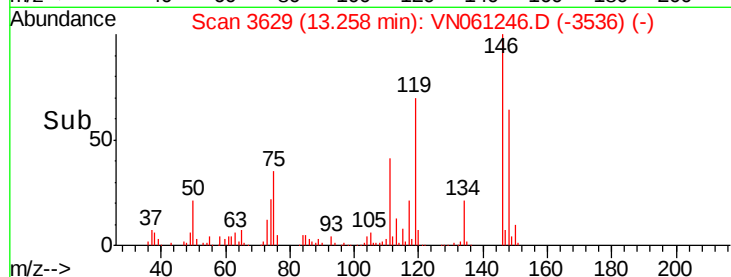
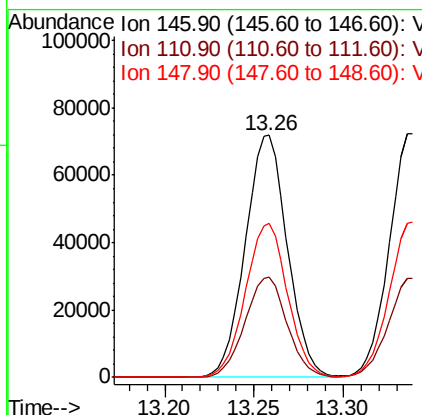
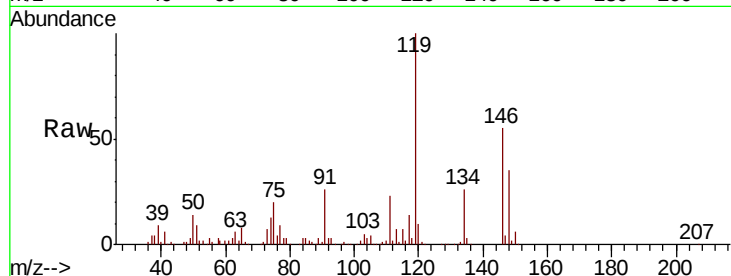




#87
 1,3-Dichlorobenzene
 Concen: 53.107 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

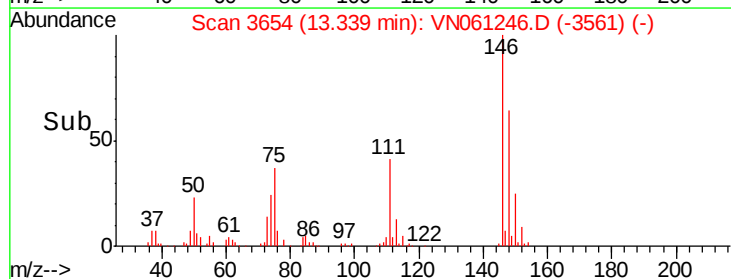
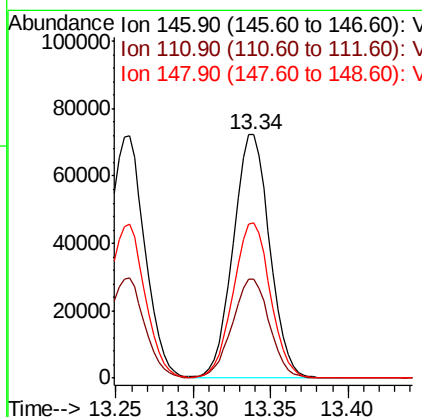
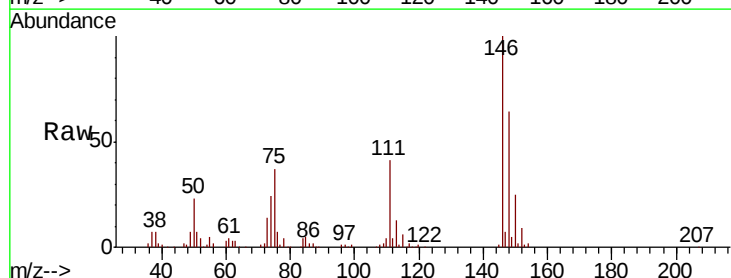
Instrument :
 MSVOA_N
 ClientSampled :

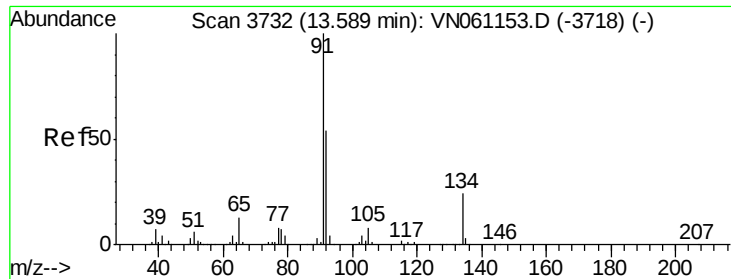
Tot Ion:146 Resp: 118481
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.7 62.1
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.048 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion:146 Resp: 118642
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 64.8 31.9 95.7

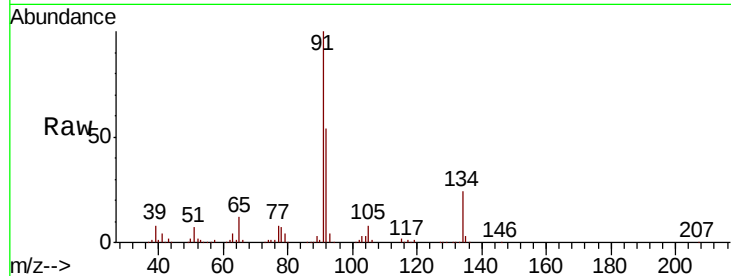




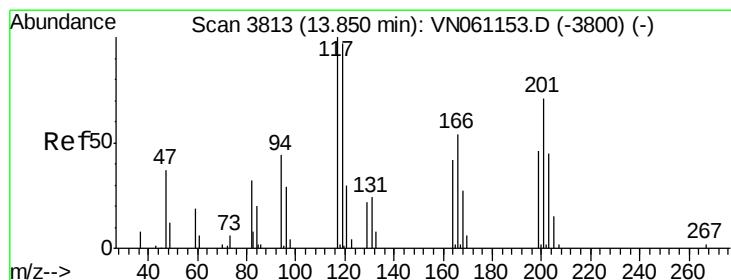
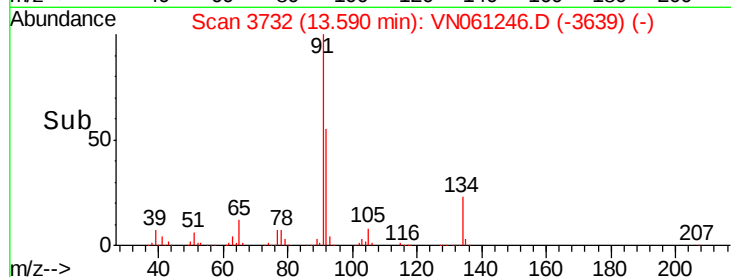
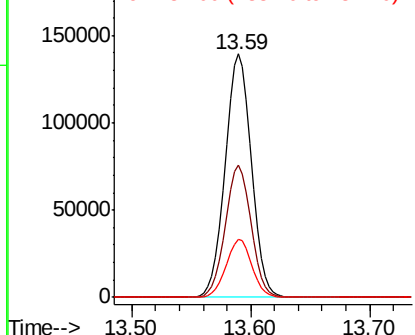
#89
n-Butylbenzene
Concen: 51.530 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 212602
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 23.4 11.9 35.5

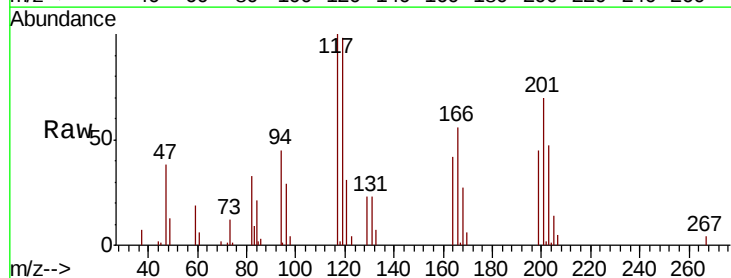


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

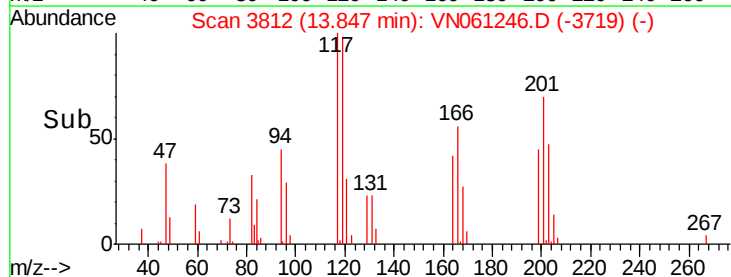
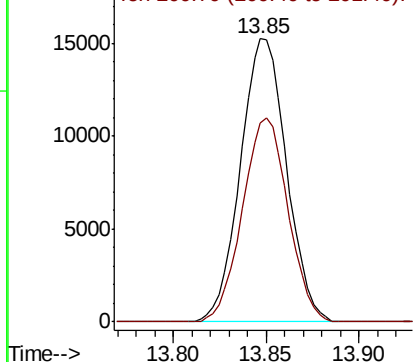


#90
Hexachloroethane
Concen: 55.291 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion: 117 Resp: 26402
Ion Ratio Lower Upper
117 100
201 71.3 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 54.865 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

Instrument :

MSVOA_N

ClientSampleId :

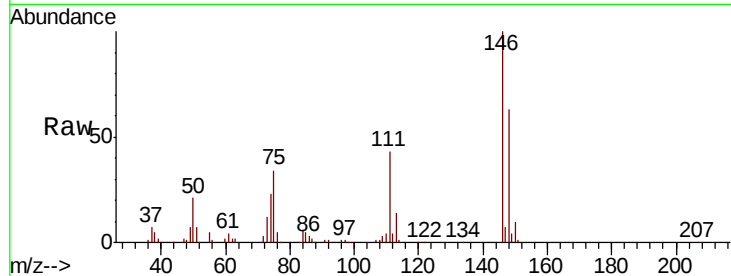
Tot Ion:146 Resp: 117363

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.3

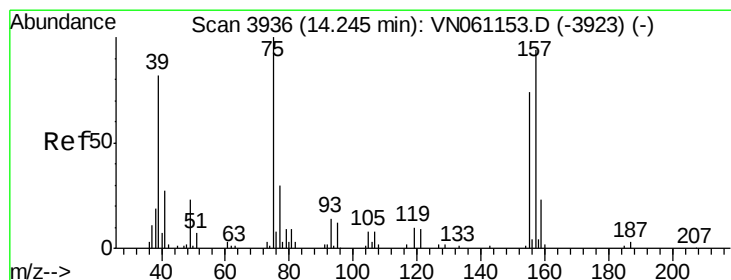
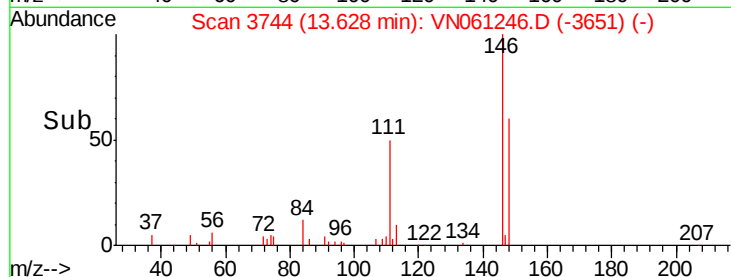
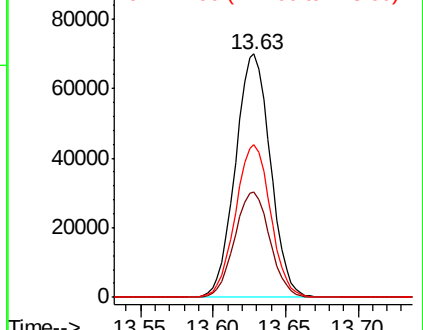
148 62.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.656 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061246.D

Acq: 2 May 2020 00:48

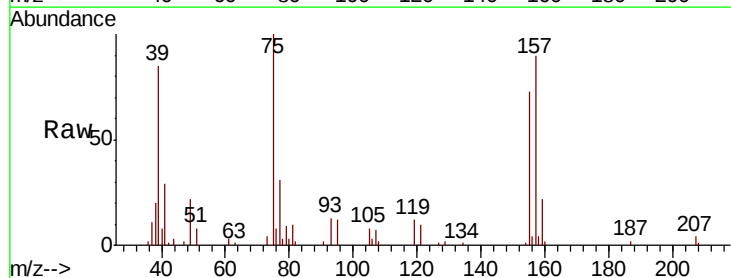
Tgt Ion: 75 Resp: 19933

Ion Ratio Lower Upper

75 100

155 71.7 36.5 109.7

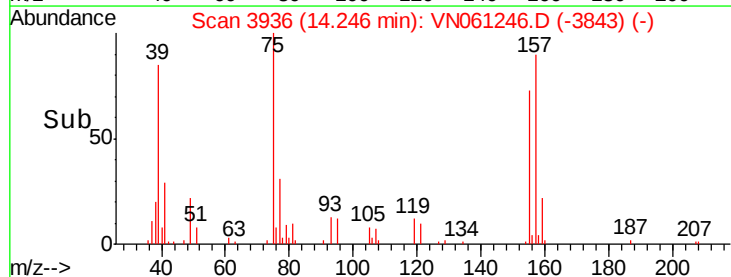
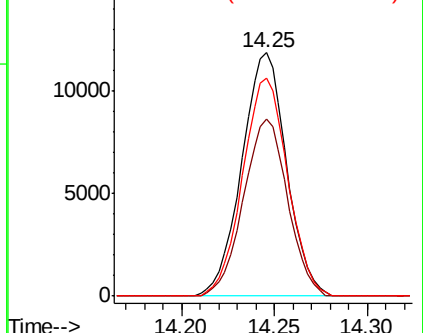
157 89.9 46.6 139.7

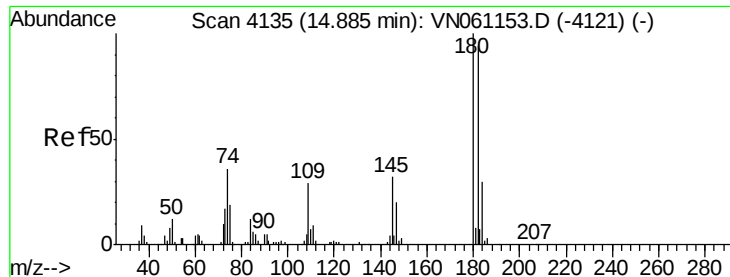


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

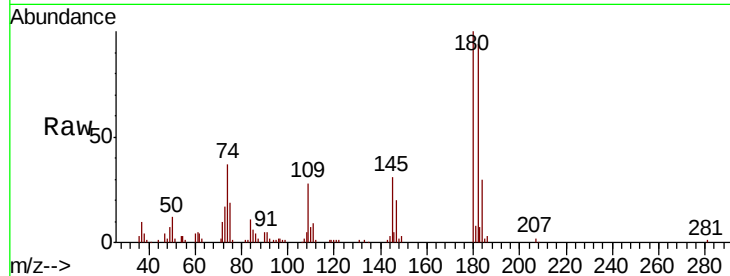




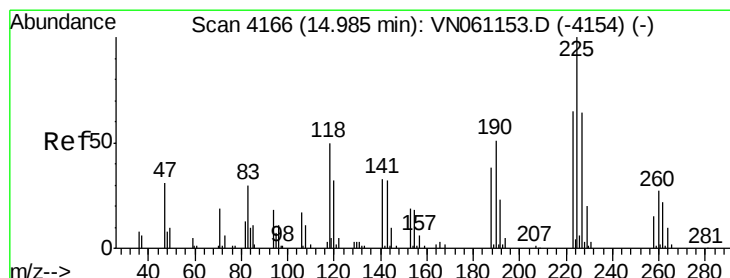
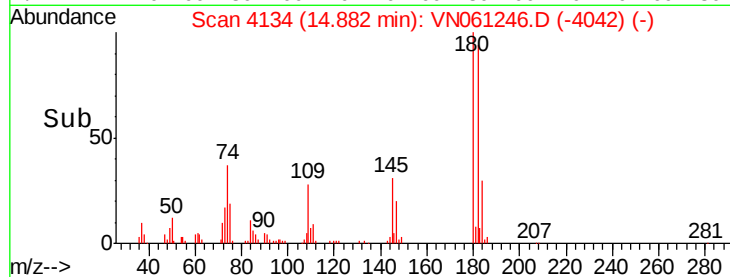
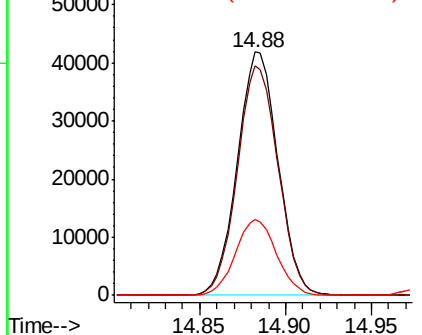
#93
 1,2,4-Trichlorobenzene
 Concen: 52.674 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 68614
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.9
 145 31.5 16.0 47.9

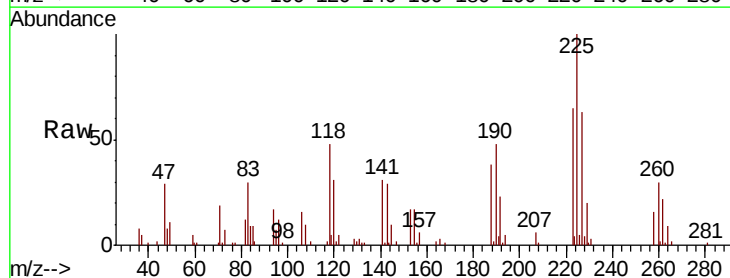


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

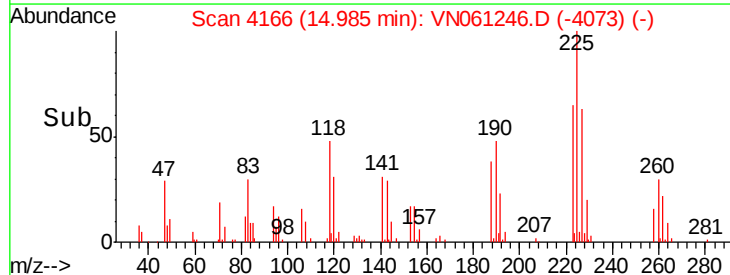
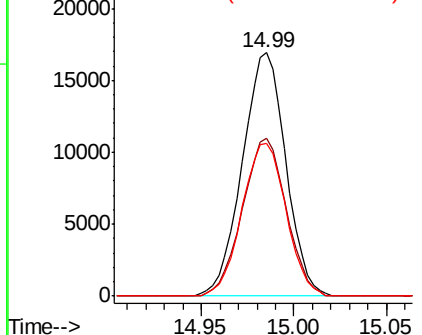


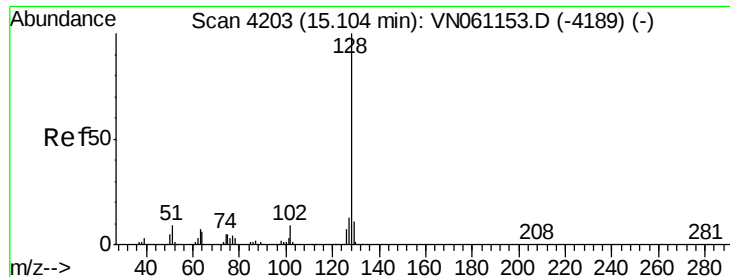
#94
 Hexachlorobutadiene
 Concen: 50.893 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061246.D
 Acq: 2 May 2020 00:48

Tgt Ion:225 Resp: 27696
 Ion Ratio Lower Upper
 225 100
 223 65.2 32.4 97.0
 227 63.5 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

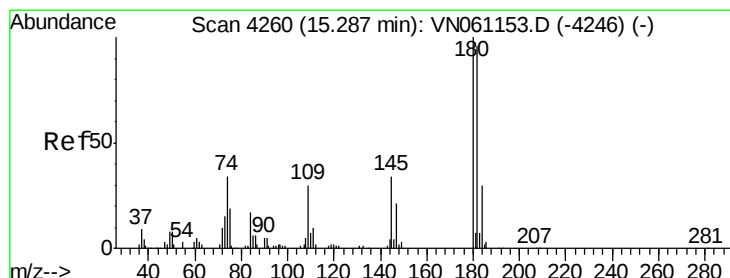
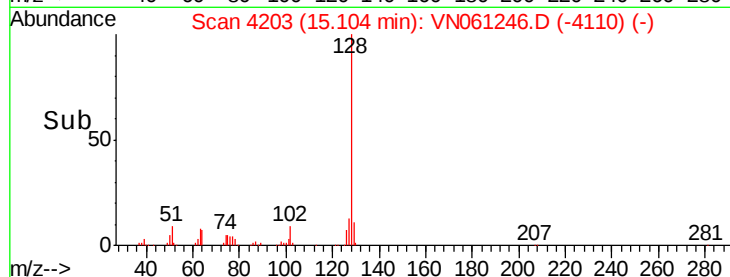
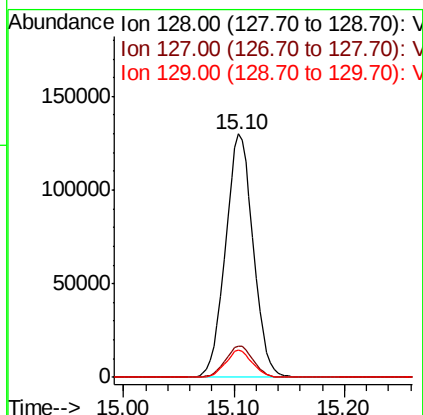
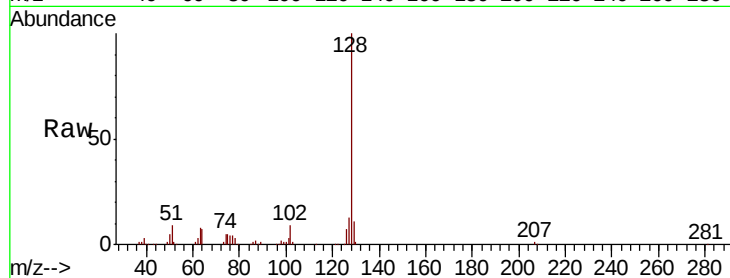




#95
Naphthalene
Concen: 53.111 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 225311
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.530 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061246.D
Acq: 2 May 2020 00:48

Tgt Ion:180 Resp: 68844
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 33.8 16.9 50.7

