

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061244.D
 Acq On : 1 May 2020 20:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:58:58 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	7.63	168	113536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	195524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	183636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87775	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	89730	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	7.55	113	57444	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.06	98	250165	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.38	95	92584	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	61766	51.302	ug/l	99
3) Chloromethane	2.03	50	87645	60.107	ug/l	98
4) Vinyl Chloride	2.16	62	89321	53.932	ug/l	99
5) Bromomethane	2.53	94	36066	44.055	ug/l	100
6) Chloroethane	2.67	64	51952	49.491	ug/l	98
7) Trichlorofluoromethane	2.98	101	105961	56.709	ug/l	99
8) Diethyl Ether	3.37	74	47378	60.790	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	63553	52.796	ug/l	99
10) Methyl Iodide	3.91	142	76376	49.370	ug/l	98
11) Tert butyl alcohol	4.73	59	62777	260.860	ug/l	100
12) 1,1-Dichloroethene	3.70	96	63661	53.144	ug/l	98
13) Acrolein	3.56	56	43140	268.999	ug/l	97
14) Allyl chloride	4.27	41	139576	62.841	ug/l	93
15) Acrylonitrile	4.93	53	212894	288.184	ug/l	99
16) Acetone	3.77	43	182282	262.635	ug/l	97
17) Carbon Disulfide	4.01	76	162730	49.178	ug/l	99
18) Methyl Acetate	4.27	43	114216	50.361	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	238298	52.061	ug/l	99
20) Methylene Chloride	4.50	84	75073	53.592	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	68945	52.856	ug/l	97
22) Diisopropyl ether	5.90	45	290959	56.490	ug/l	98
23) Vinyl Acetate	5.84	43	1165825	281.115	ug/l	99
24) 1,1-Dichloroethane	5.80	63	144007	53.513	ug/l	99
25) 2-Butanone	6.78	43	288482	271.375	ug/l	99
26) 2,2-Dichloropropane	6.78	77	105194	46.409	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	80144	52.357	ug/l	99
28) Bromochloromethane	7.15	49	72082	56.512	ug/l	94
29) Tetrahydrofuran	7.17	42	198518	277.226	ug/l	97
30) Chloroform	7.33	83	137116	50.279	ug/l	99
31) Cyclohexane	7.61	56	128968	49.348	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	116817	49.191	ug/l	100
36) 1,1-Dichloropropene	7.75	75	102988	52.618	ug/l	99
37) Ethyl Acetate	6.88	43	124606	54.304	ug/l	99
38) Carbon Tetrachloride	7.73	117	88058	49.342	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	113915	51.897	ug/l	97
40) Benzene	8.00	78	307815	52.787	ug/l	99
41) Methacrylonitrile	7.12	41	58821	61.741	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	113099	51.197	ug/l	99
43) Isopropyl Acetate	8.13	43	203328	53.393	ug/l	100
44) Trichloroethene	8.80	130	75613	47.967	ug/l	100
45) 1,2-Dichloropropane	9.09	63	85211	54.697	ug/l	99
46) Dibromomethane	9.18	93	50942	52.812	ug/l	98
47) Bromodichloromethane	9.37	83	108197	52.259	ug/l	98
48) Methyl methacrylate	9.17	41	95026	55.298	ug/l	97
49) 1,4-Dioxane	9.17	88	20140	1032.489	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	625066	278.857	ug/l	99
52) Toluene	10.12	92	186477	53.092	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	120228	51.536	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	128944	52.282	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	73524	52.481	ug/l	99
56) Ethyl methacrylate	10.40	69	120507	49.397	ug/l	97
57) 1,3-Dichloropropane	10.68	76	133306	54.133	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	314347	277.200	ug/l	98
59) 2-Hexanone	10.72	43	453844	278.303	ug/l	99
60) Dibromochloromethane	10.87	129	77213	52.623	ug/l	98
61) 1,2-Dibromoethane	10.98	107	73055	52.027	ug/l	99
64) Tetrachloroethene	10.60	164	74141	46.615	ug/l	98
65) Chlorobenzene	11.41	112	187909	51.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	68218	52.324	ug/l	99
67) Ethyl Benzene	11.48	91	359822	52.767	ug/l	100
68) m/p-Xylenes	11.60	106	262470	105.156	ug/l	99
69) o-Xylene	11.92	106	123622	51.561	ug/l	97
70) Styrene	11.94	104	214139	53.364	ug/l	99
71) Bromoform	12.10	173	51964	54.231	ug/l #	100
73) Isopropylbenzene	12.22	105	340378	52.749	ug/l	100
74) N-amyl acetate	12.05	43	178957	54.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	108528	53.939	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	147549	79.733	ug/l #	100
77) Bromobenzene	12.50	156	77124	51.776	ug/l	96
78) n-propylbenzene	12.57	91	411209	53.727	ug/l	99
79) 2-Chlorotoluene	12.65	91	238247	52.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	287976	53.921	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	37917	52.033	ug/l	100
82) 4-Chlorotoluene	12.75	91	250046	52.737	ug/l	99
83) tert-Butylbenzene	12.97	119	239936	53.280	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	287545	52.258	ug/l	99
85) sec-Butylbenzene	13.15	105	331375	53.972	ug/l	99
86) p-Isopropyltoluene	13.26	119	296573	53.613	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	144120	52.556	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	143795	51.322	ug/l	99
89) n-Butylbenzene	13.59	91	273383	53.909	ug/l	99
90) Hexachloroethane	13.85	117	34093	57.701	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	138810	52.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	22105	52.018	ug/l	99

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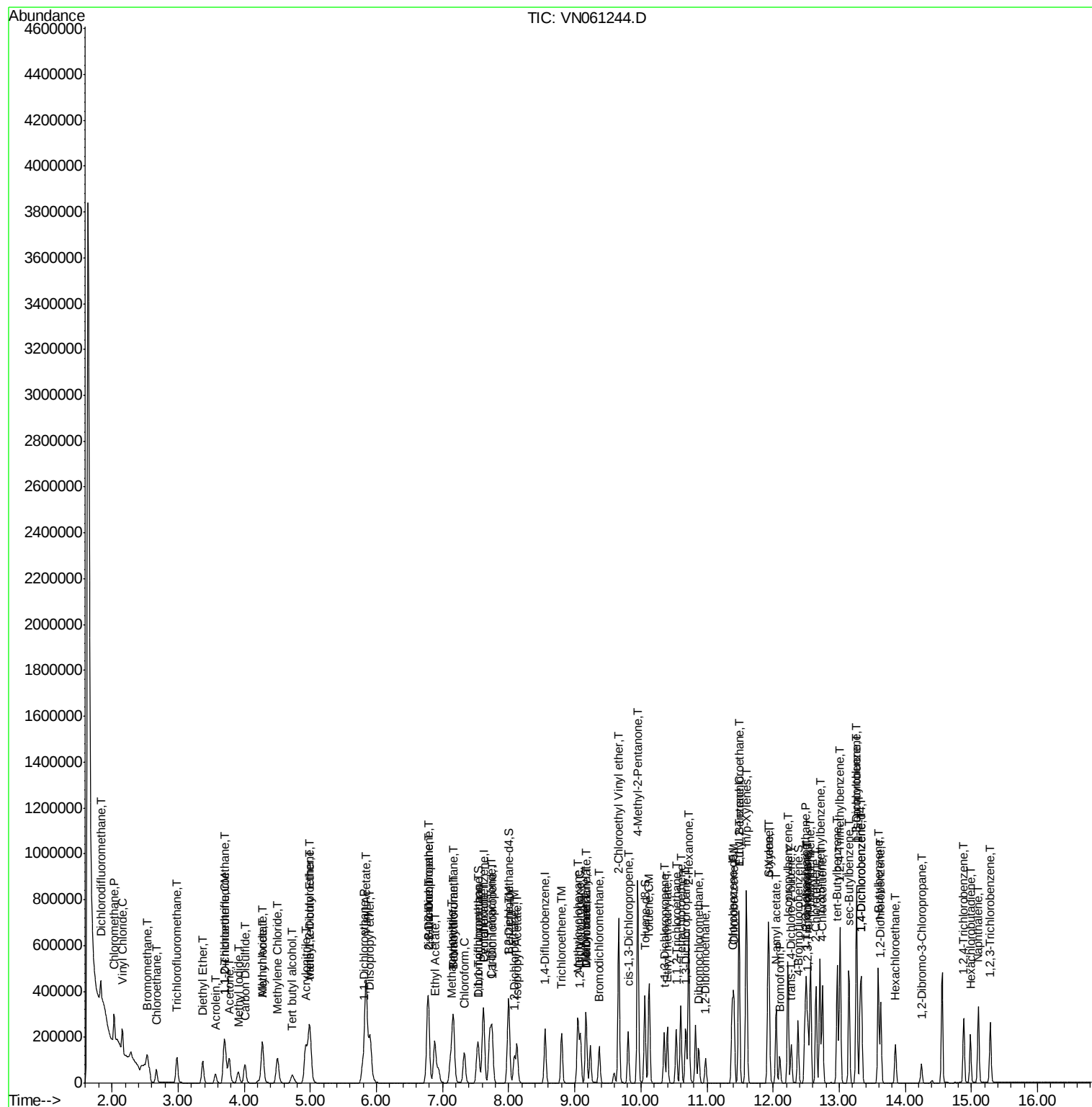
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	83940	52.426	ug/l	99
94) Hexachlorobutadiene	14.99	225	37045	55.382	ug/l	99
95) Naphthalene	15.10	128	265989	51.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	83095	52.565	ug/l	99

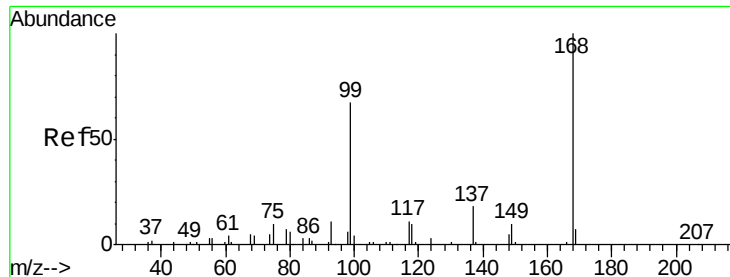
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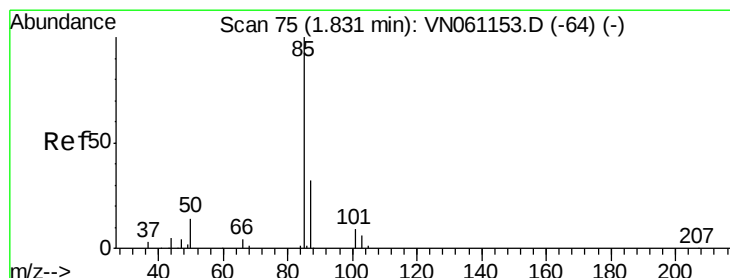
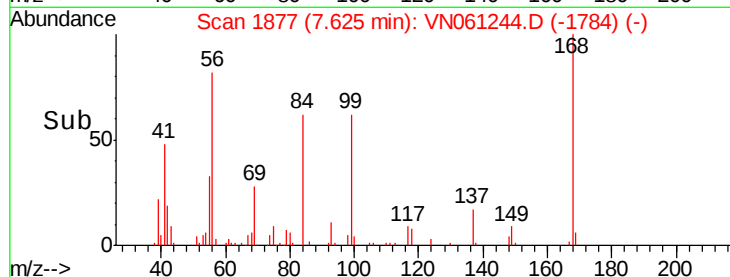
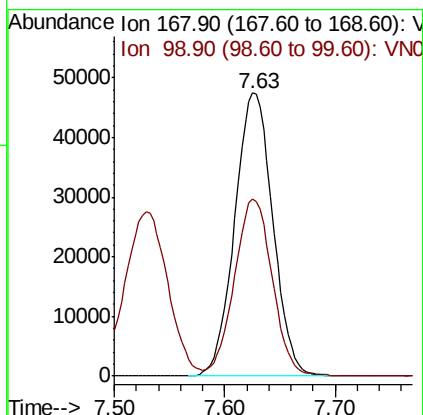
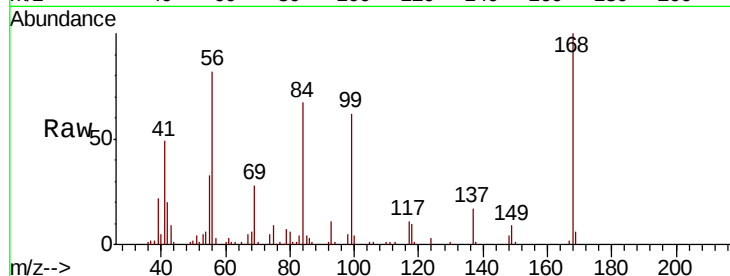


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061244.D
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Instrument :
 MSVOA_N
 ClientSampled :

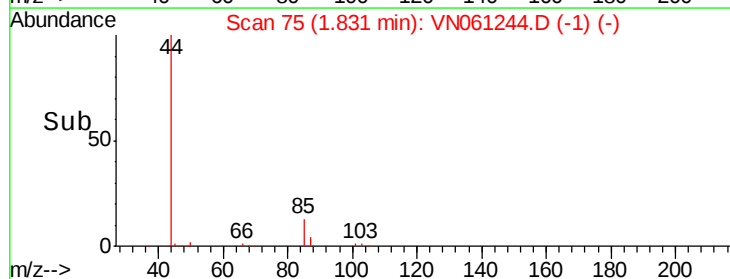
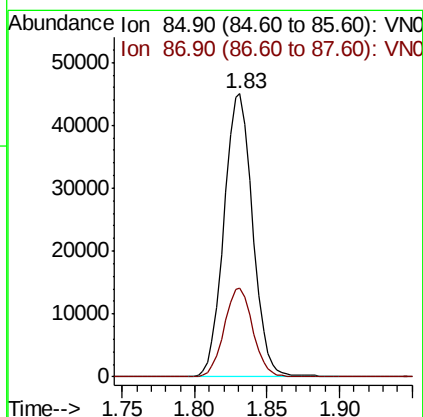
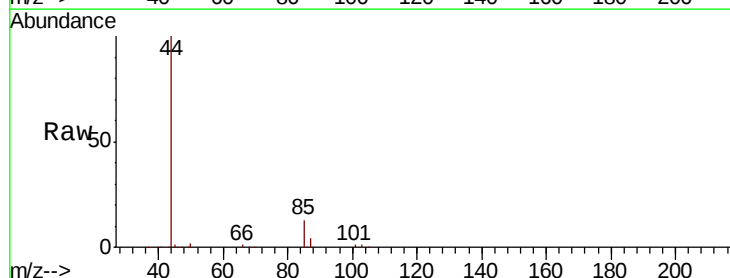
Tot Ion:168 Resp: 113536
 Ion Ratio Lower Upper
 168 100
 99 62.4 51.2 76.8



#2

Dichlorodifluoromethane
 Concen: 51.302 ug/l
 RT: 1.83 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion: 85 Resp: 61766
 Ion Ratio Lower Upper
 85 100
 87 31.5 16.1 48.2





#3

Chloromethane

Concen: 60.107 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

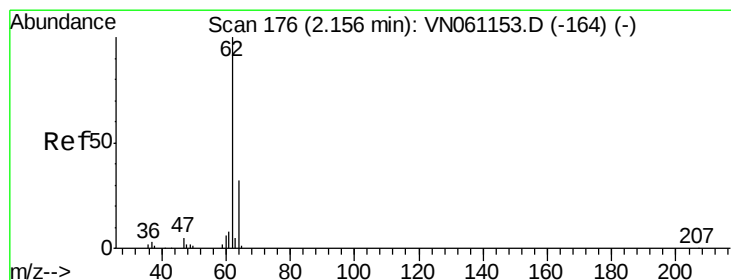
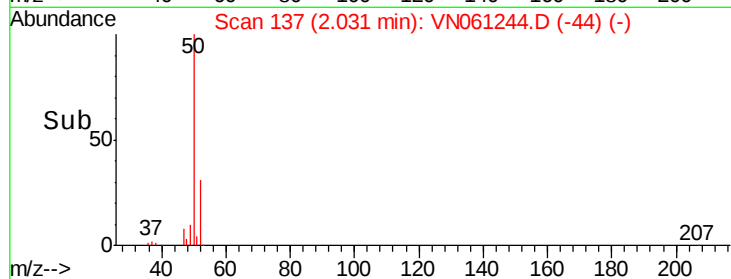
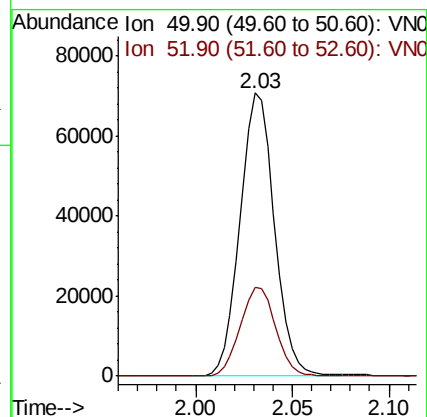
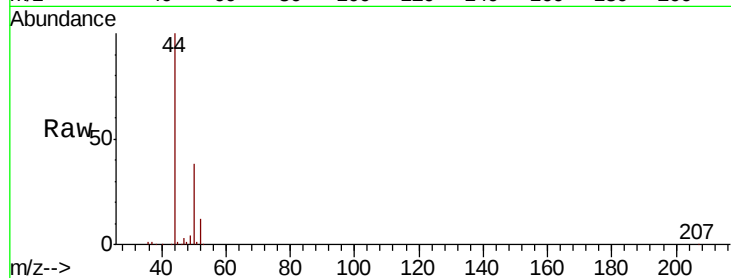
ClientSampled :

Tot Ion: 50 Resp: 87645

Ion Ratio Lower Upper

50 100

52 31.2 26.0 39.0



#4

Vinyl Chloride

Concen: 53.932 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061244.D

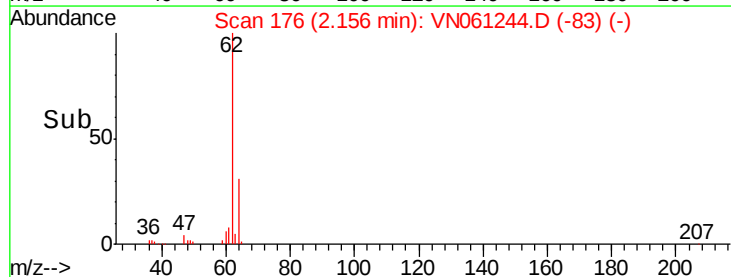
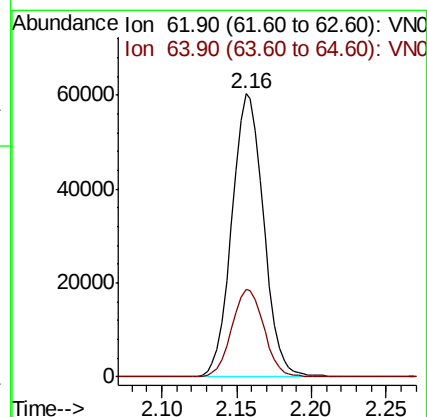
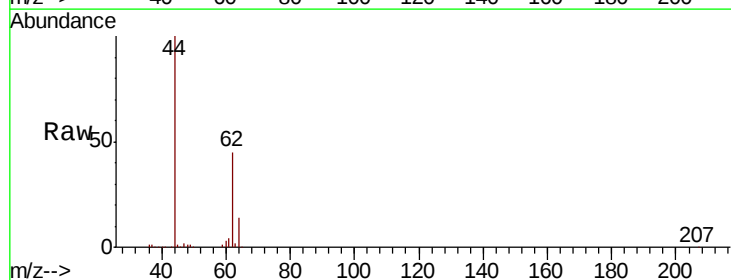
Acq: 1 May 2020 20:32

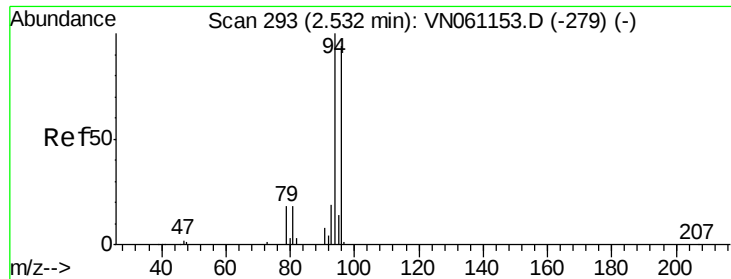
Tgt Ion: 62 Resp: 89321

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 44.055 ug/l

RT: 2.53 min Scan# 293

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

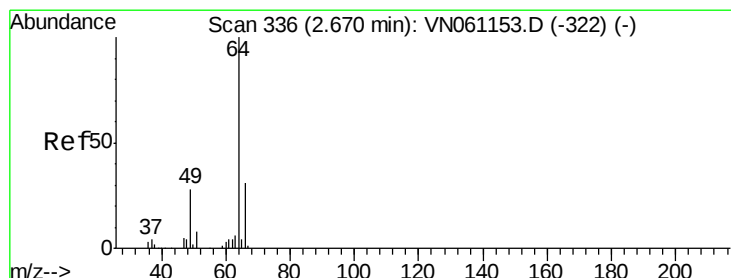
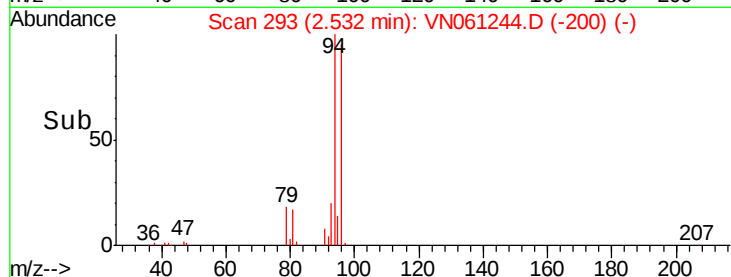
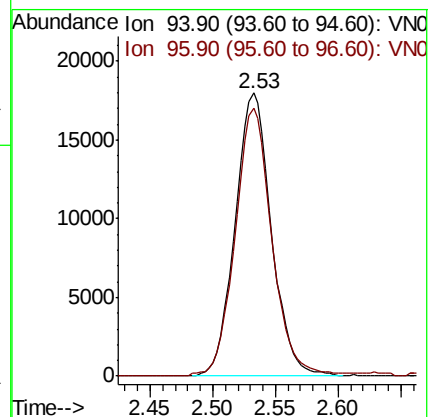
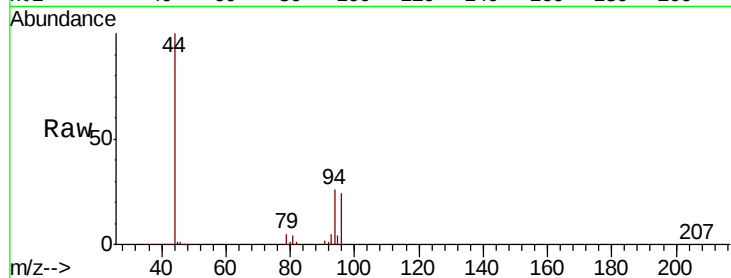
ClientSampleId :

Tot Ion: 94 Resp: 36066

Ion Ratio Lower Upper

94 100

96 93.7 75.1 112.7



#6

Chloroethane

Concen: 49.491 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061244.D

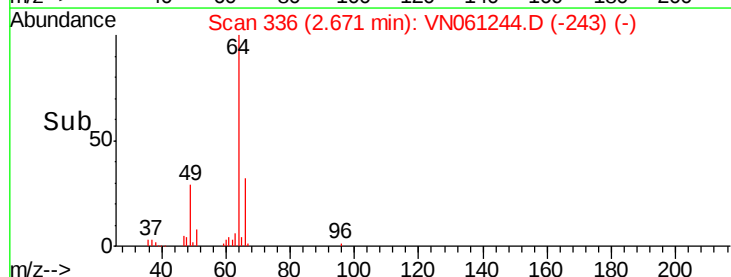
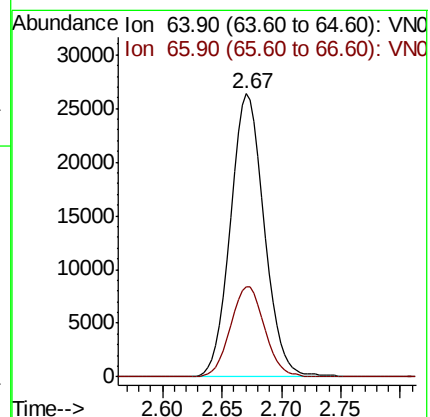
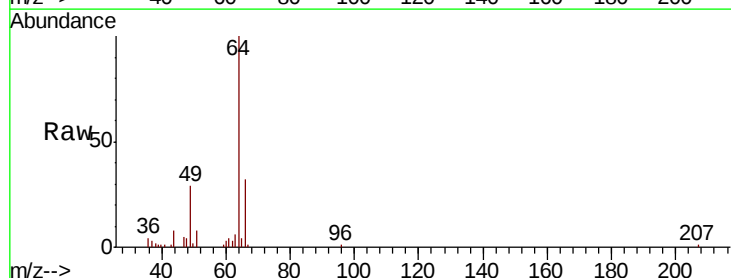
Acq: 1 May 2020 20:32

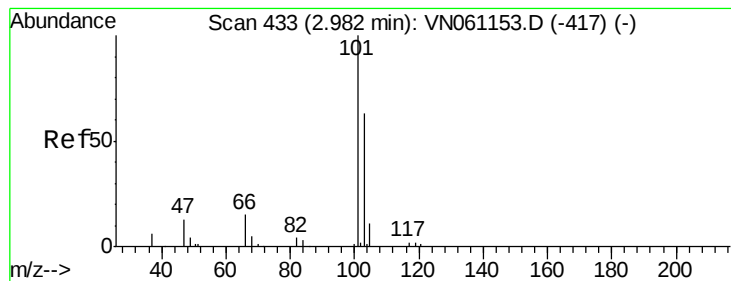
Tgt Ion: 64 Resp: 51952

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



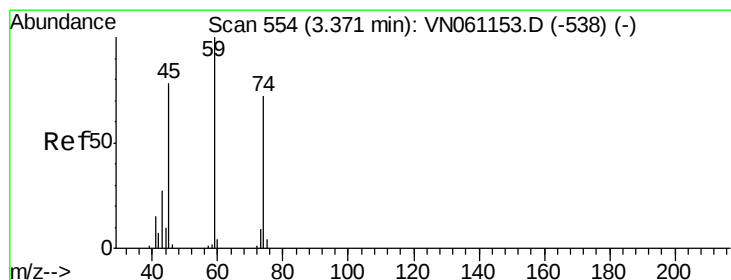
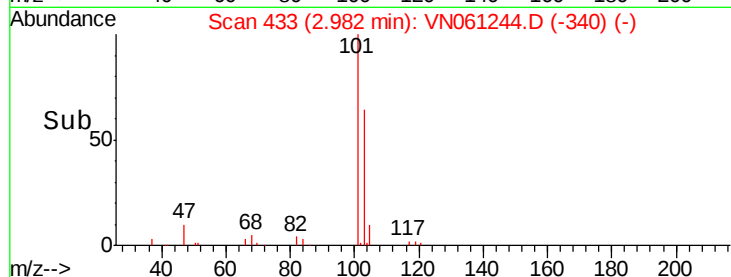
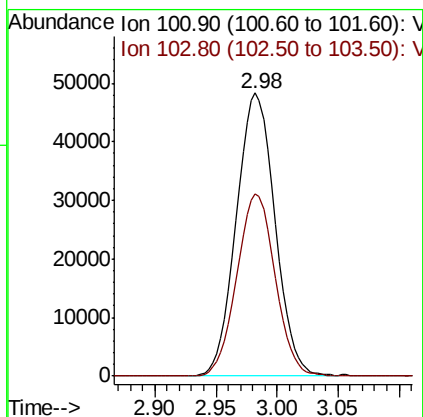
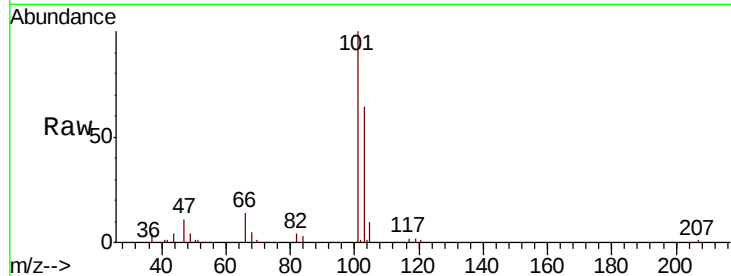


#7

Trichlorofluoromethane
Concen: 56.709 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampled :

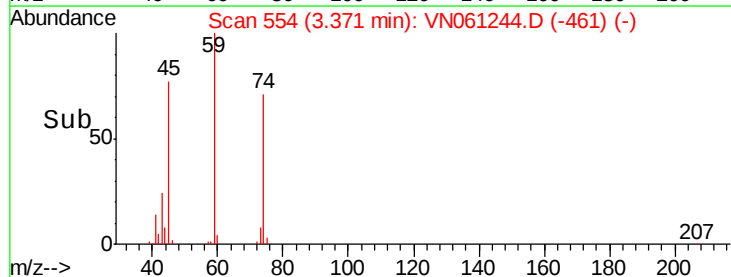
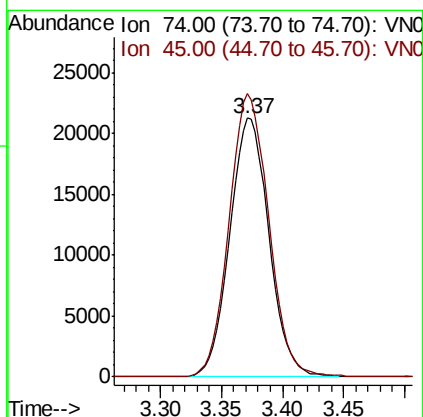
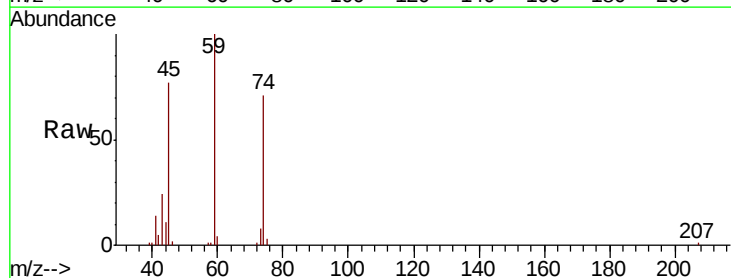
Tot Ion:101 Resp: 105961
Ion Ratio Lower Upper
101 100
103 64.3 50.6 76.0



#8

Diethyl Ether
Concen: 60.790 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 74 Resp: 47378
Ion Ratio Lower Upper
74 100
45 110.6 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.796 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampled :

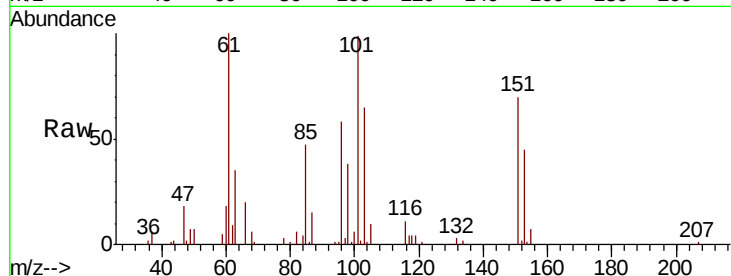
Tot Ion:101 Resp: 63553

Ion Ratio Lower Upper

101 100

85 45.6 37.2 55.8

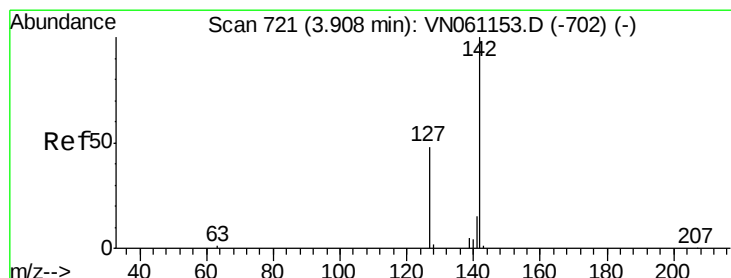
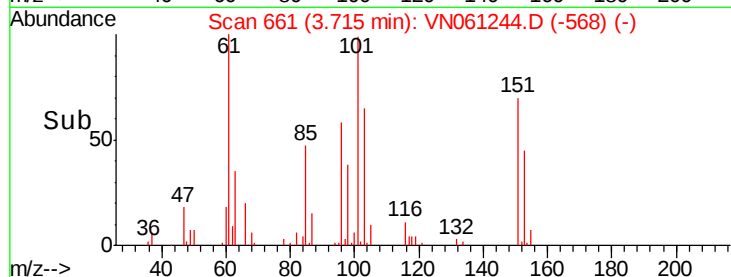
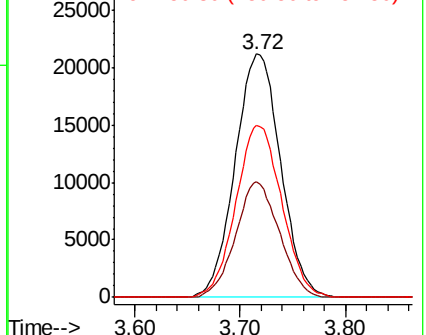
151 71.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.370 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

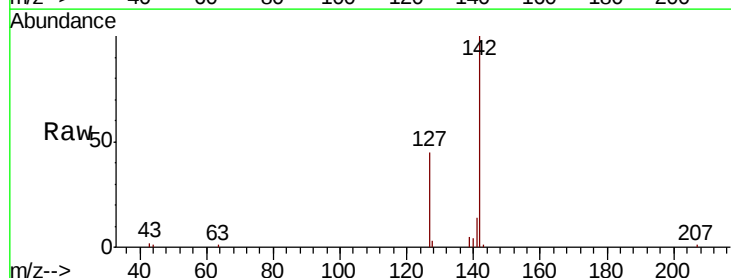
Tgt Ion:142 Resp: 76376

Ion Ratio Lower Upper

142 100

127 45.9 38.0 57.0

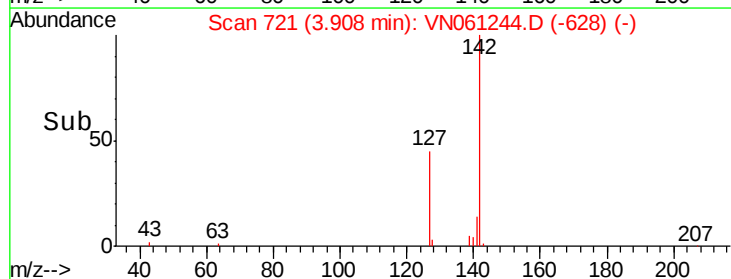
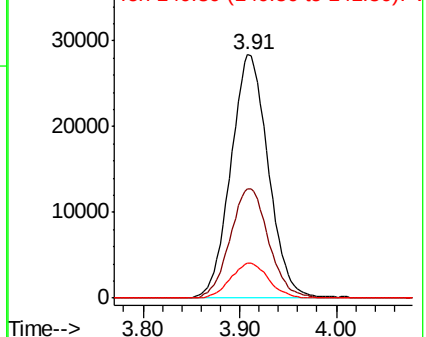
141 14.3 11.7 17.5

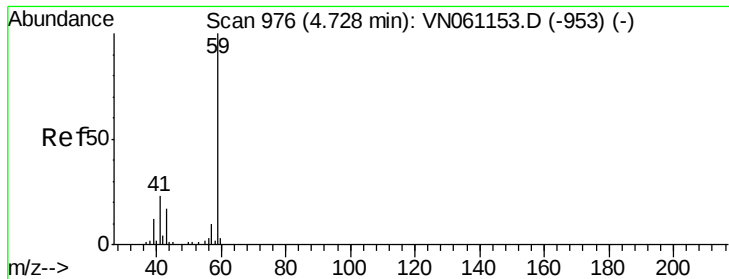


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

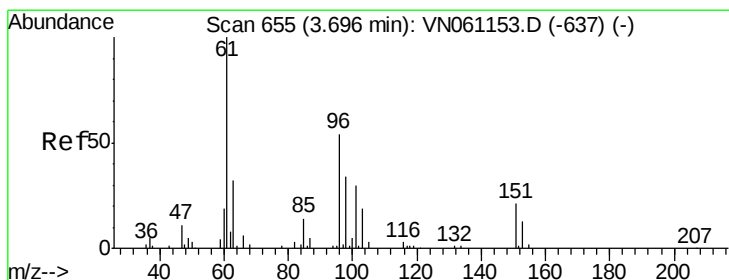
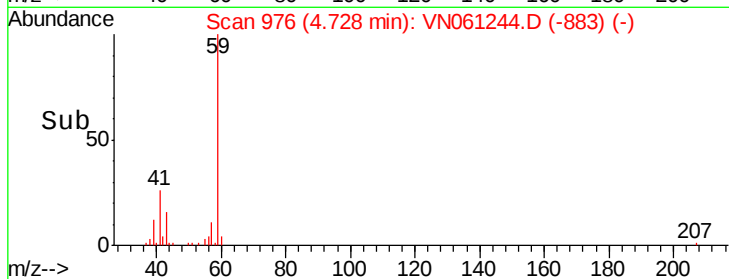
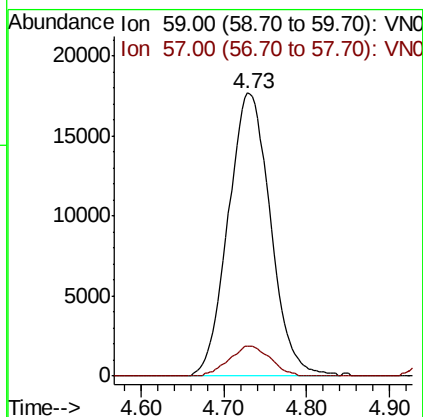
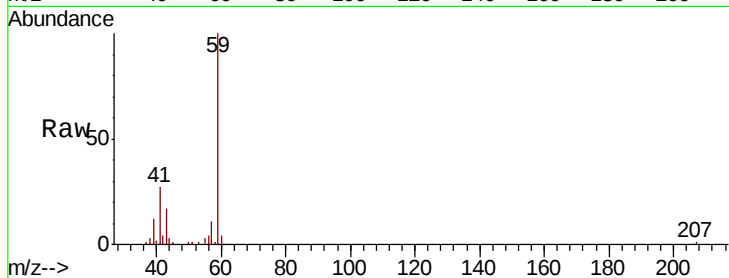




#11
Tert butyl alcohol
Concen: 260.860 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

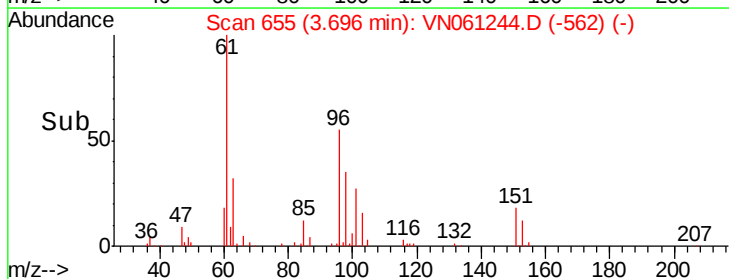
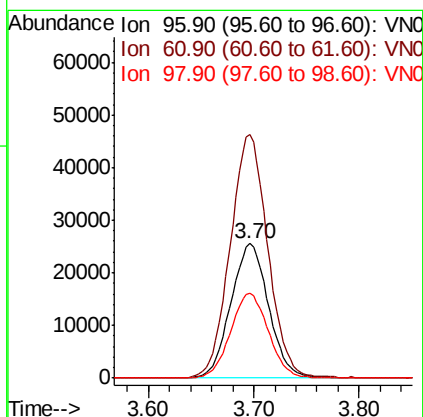
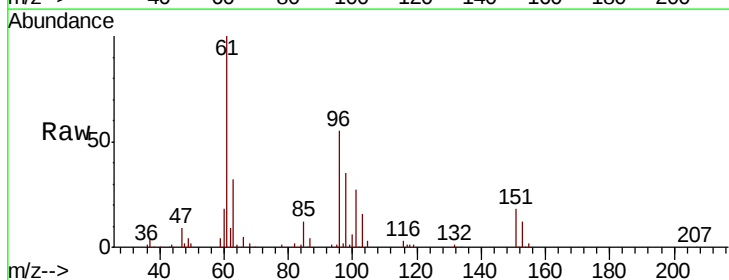
Instrument :
MSVOA_N
ClientSampleId :

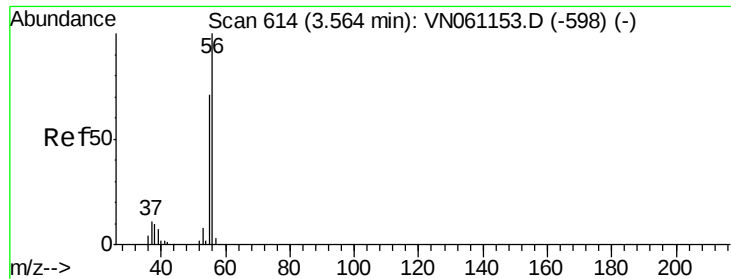
Tot Ion: 59 Resp: 62777
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.144 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 96 Resp: 63661
Ion Ratio Lower Upper
96 100
61 181.4 147.0 220.6
98 63.3 49.8 74.6





#13

Acrolein

Concen: 268.999 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

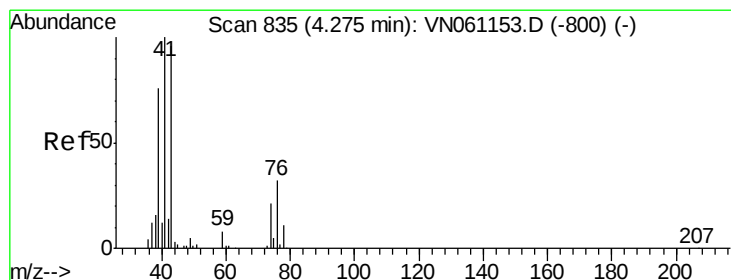
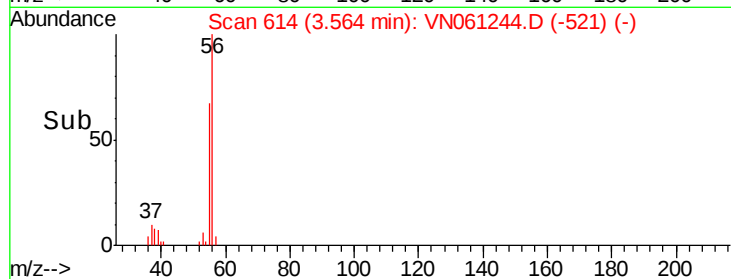
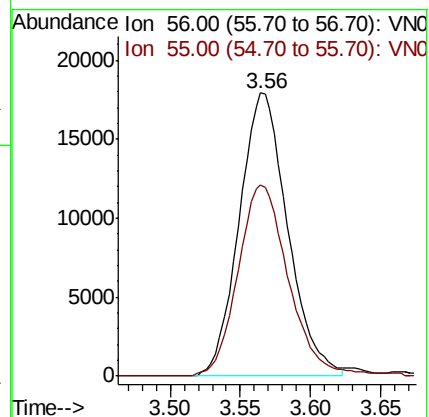
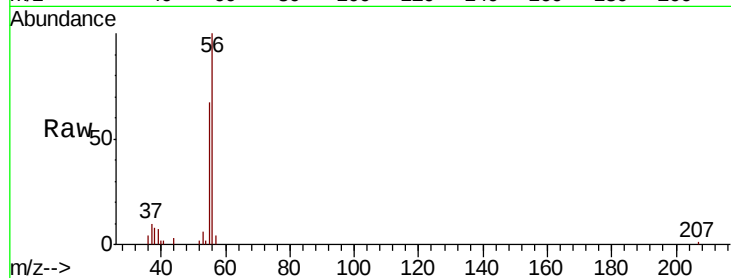
ClientSampleId :

Tot Ion: 56 Resp: 43140

Ion Ratio Lower Upper

56 100

55 70.2 58.5 87.7



#14

Allyl chloride

Concen: 62.841 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

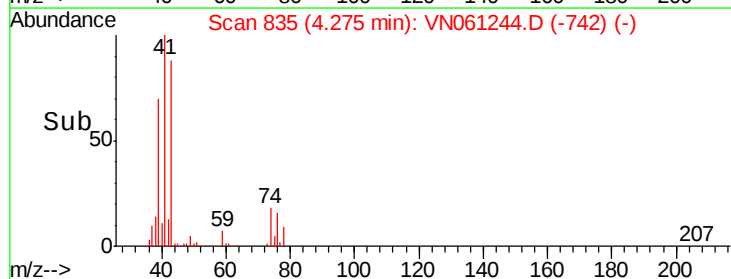
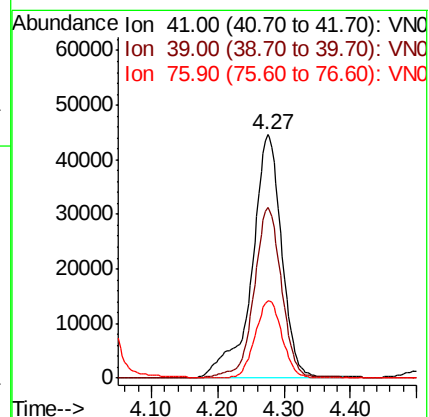
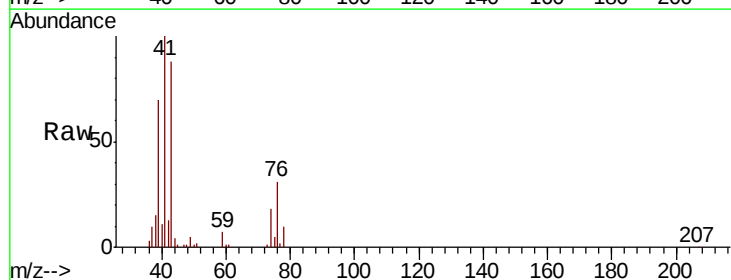
Tgt Ion: 41 Resp: 139576

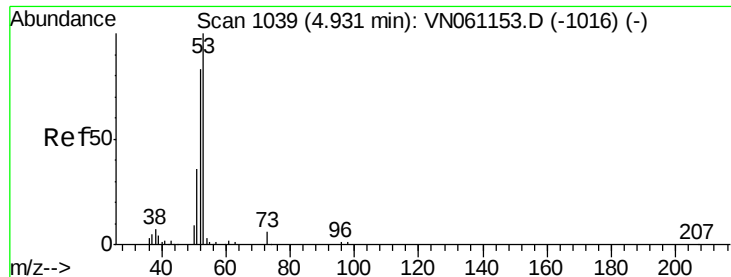
Ion Ratio Lower Upper

41 100

39 64.7 57.1 85.7

76 28.6 24.3 36.5





#15

Acrylonitrile

Concen: 288.184 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampled :

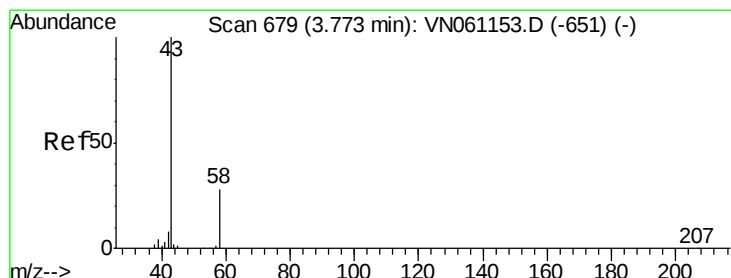
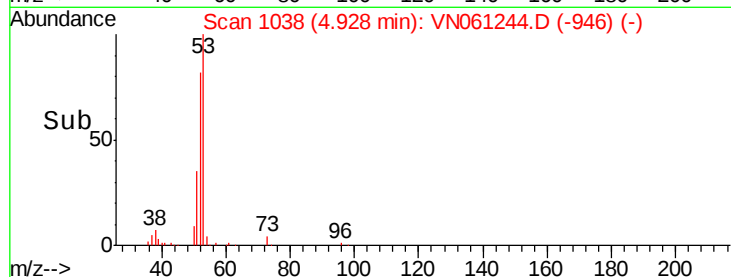
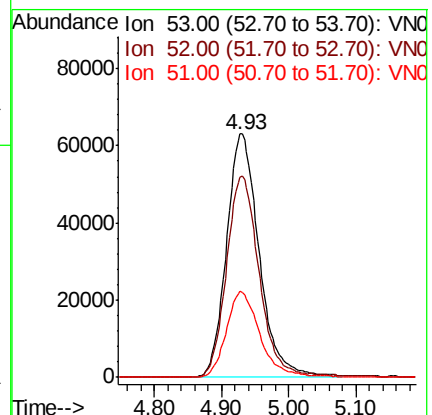
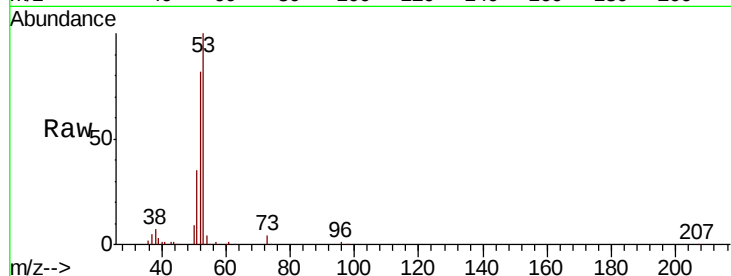
Tot Ion: 53 Resp: 212894

Ion Ratio Lower Upper

53 100

52 82.2 65.4 98.0

51 36.3 29.5 44.3



#16

Acetone

Concen: 262.635 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061244.D

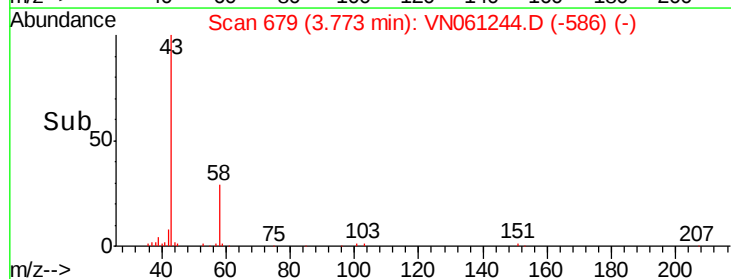
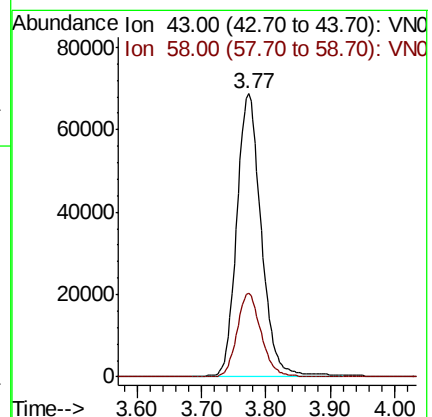
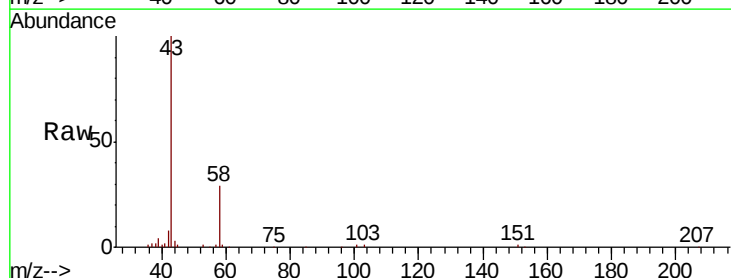
Acq: 1 May 2020 20:32

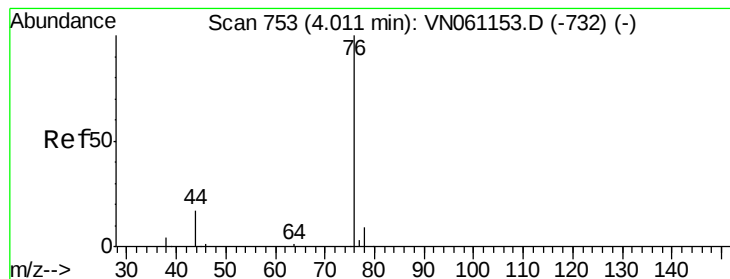
Tgt Ion: 43 Resp: 182282

Ion Ratio Lower Upper

43 100

58 29.4 22.2 33.2





#17

Carbon Disulfide

Concen: 49.178 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

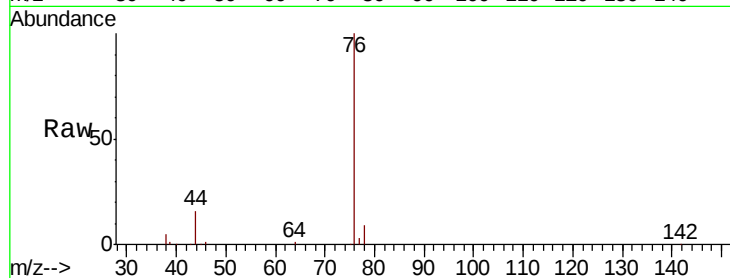
ClientSampled :

Tot Ion: 76 Resp: 162730

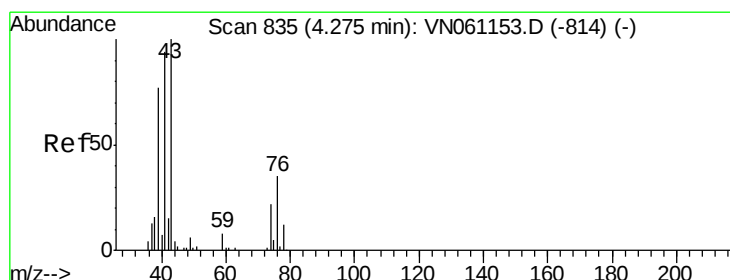
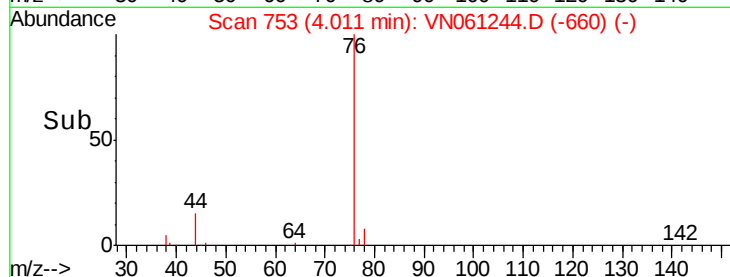
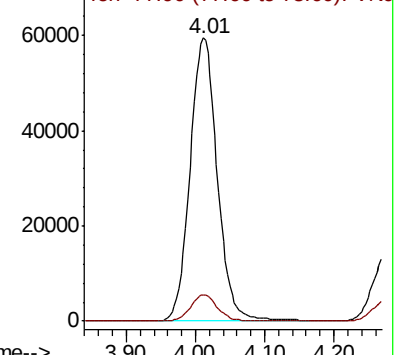
Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



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



#18

Methyl Acetate

Concen: 50.361 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061244.D

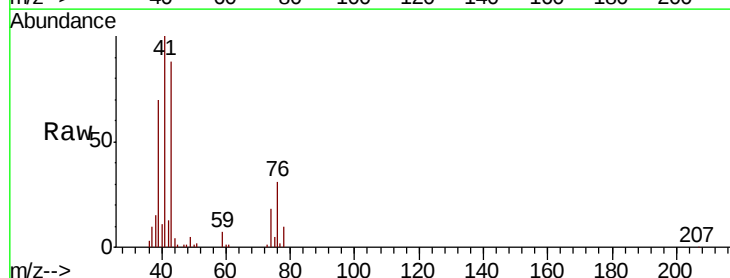
Acq: 1 May 2020 20:32

Tgt Ion: 43 Resp: 114216

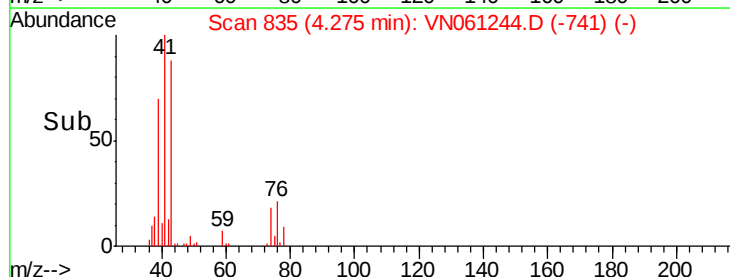
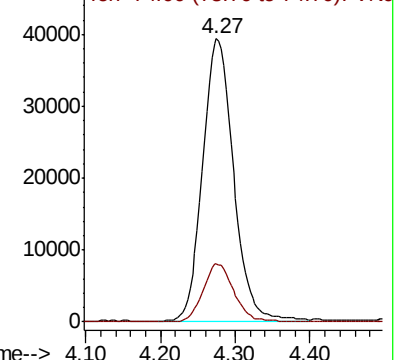
Ion Ratio Lower Upper

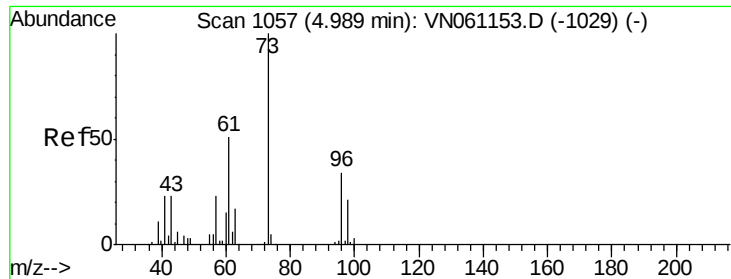
43 100

74 20.3 17.0 25.4



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

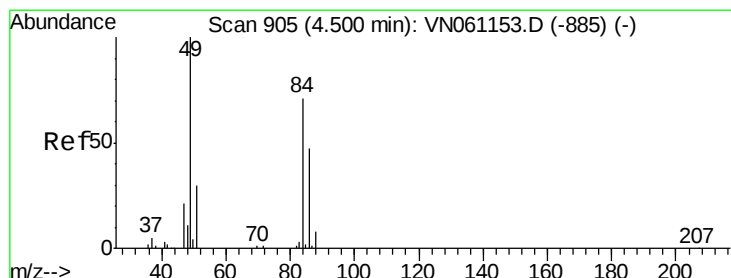
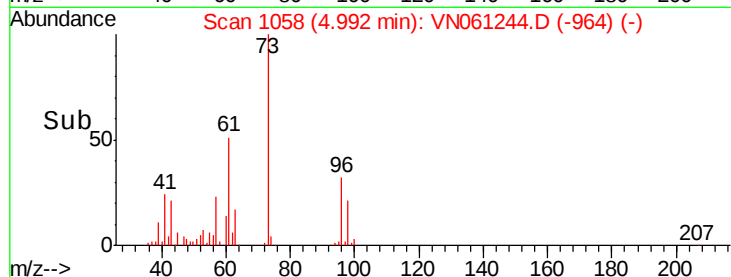
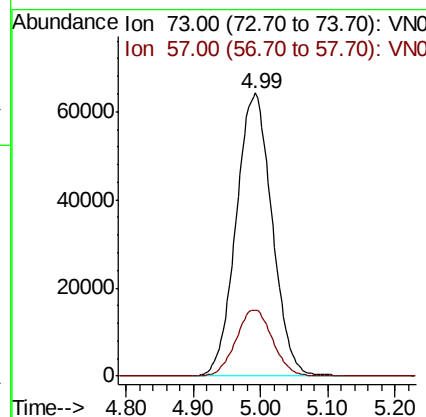
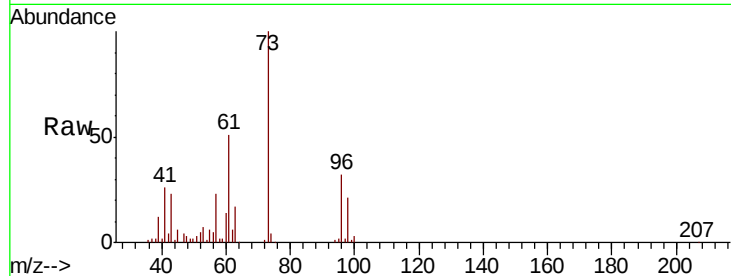




#19
Methvl tert-butvl Ether
Concen: 52.061 ug/l
RT: 4.99 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

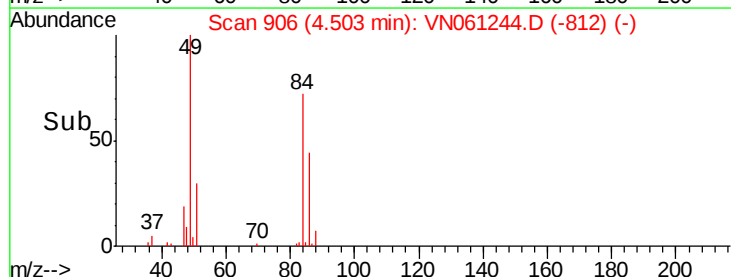
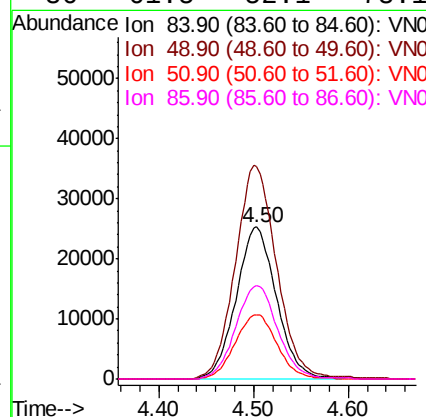
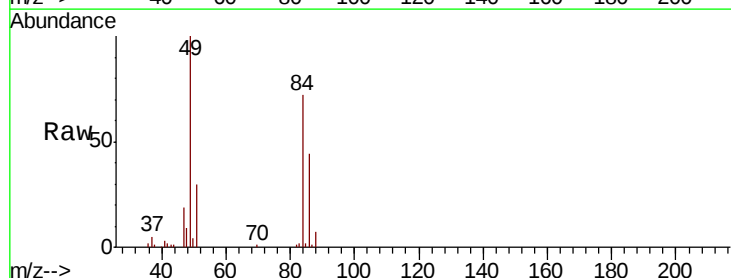
Instrument :
MSVOA_N
ClientSampleId :

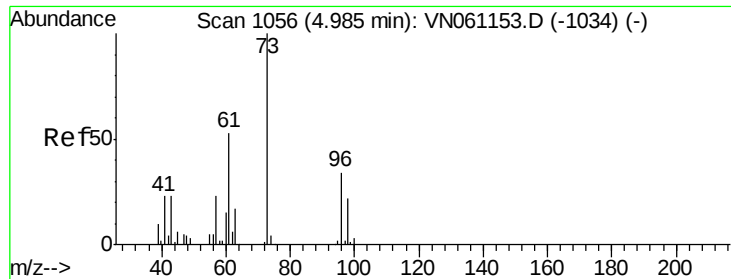
Tot Ion: 73 Resp: 238298
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5



#20
Methylene Chloride
Concen: 53.592 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 84 Resp: 75073
Ion Ratio Lower Upper
84 100
49 139.5 112.0 168.0
51 42.5 33.6 50.4
86 61.5 52.1 78.1



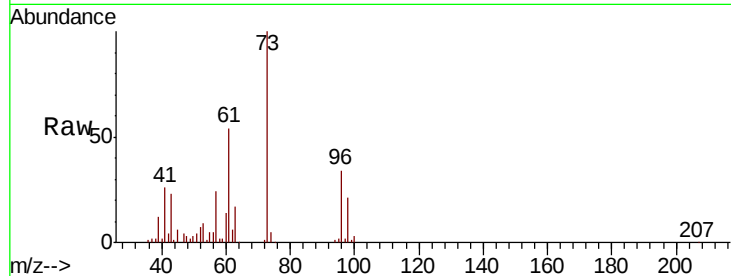


#21

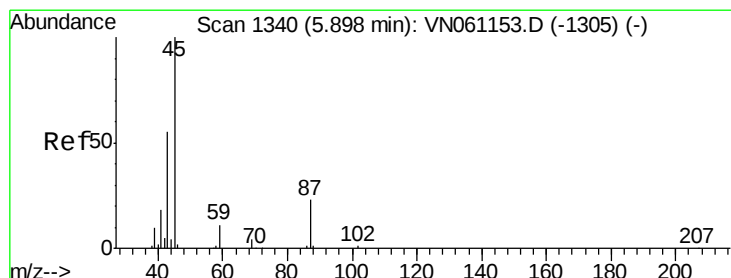
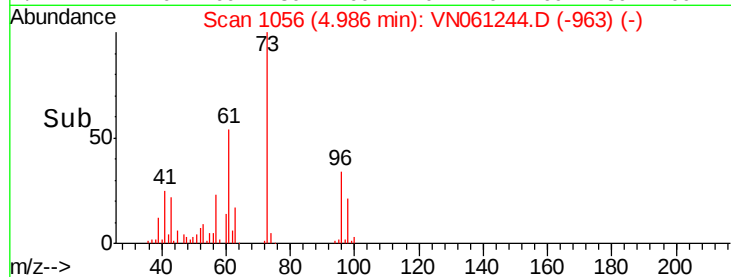
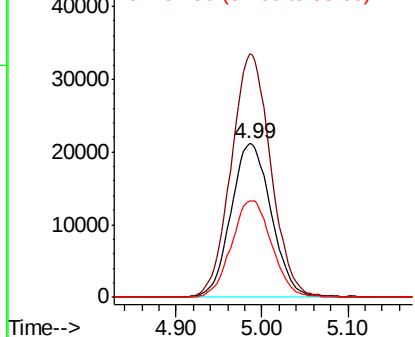
trans-1,2-Dichloroethene
Concen: 52.856 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 68945
Ion Ratio Lower Upper
96 100
61 158.7 123.0 184.4
98 62.8 50.1 75.1



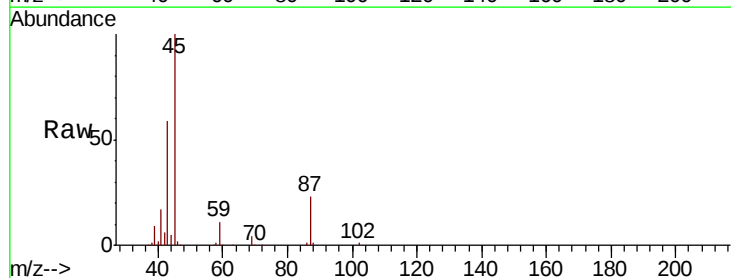
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



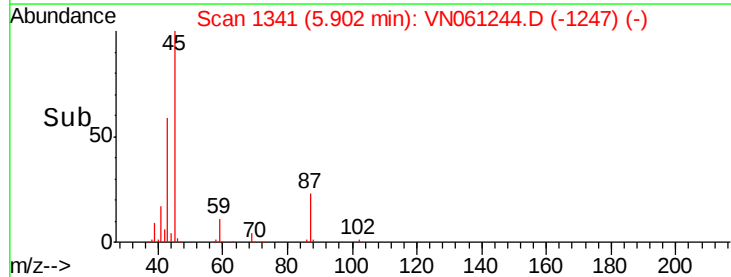
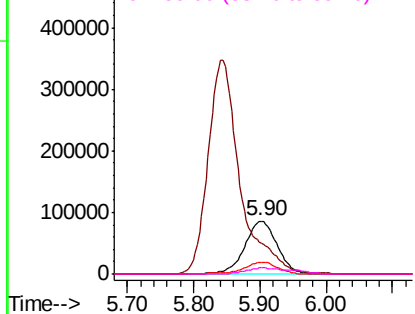
#22

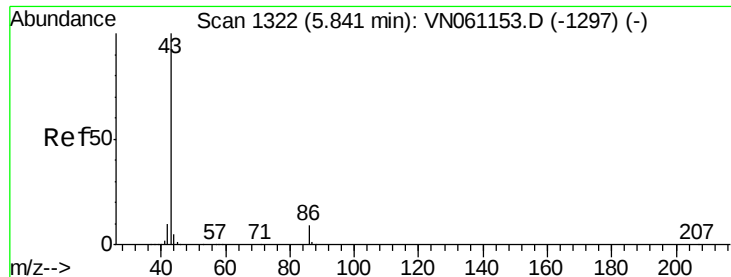
Diisopropyl ether
Concen: 56.490 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 45 Resp: 290959
Ion Ratio Lower Upper
45 100
43 57.9 47.9 71.9
87 22.6 19.2 28.8
59 11.3 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: 281.115 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

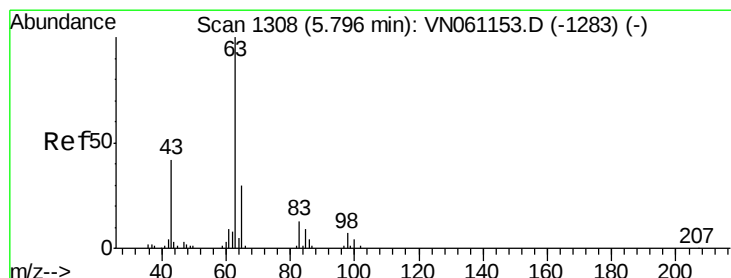
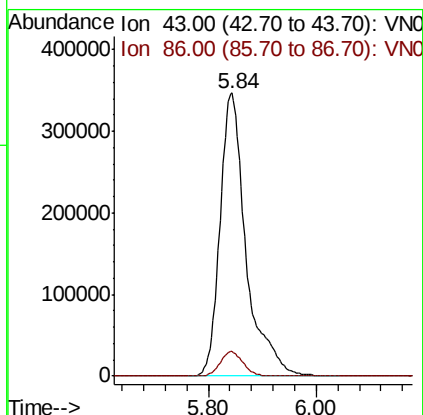
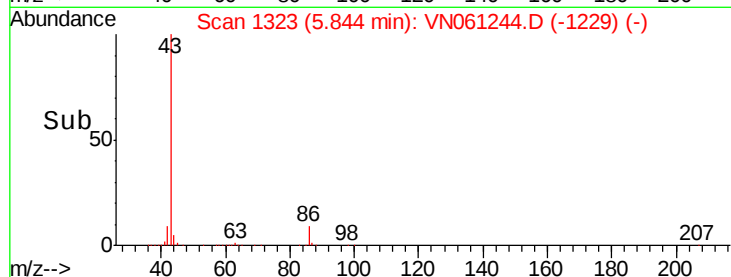
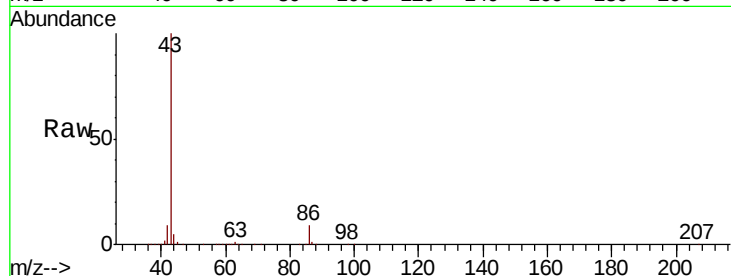
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1165825

Ion Ratio Lower Upper

43 100

86 8.7 7.2 10.8



#24

1,1-Dichloroethane

Concen: 53.513 ug/l

RT: 5.80 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

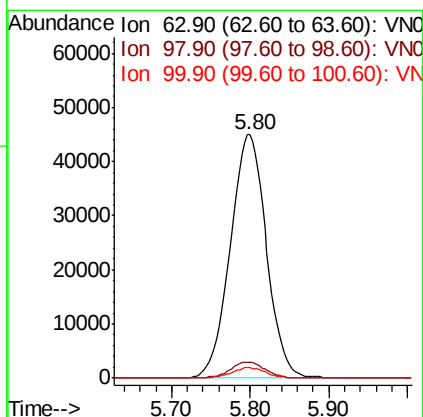
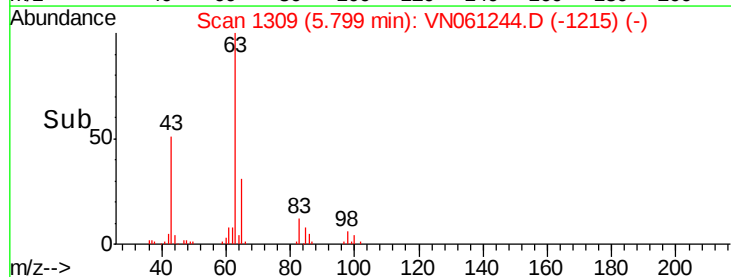
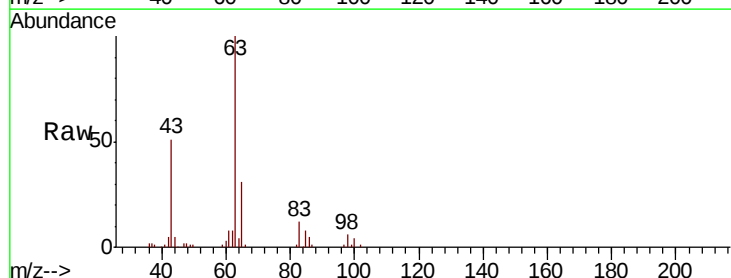
Tgt Ion: 63 Resp: 144007

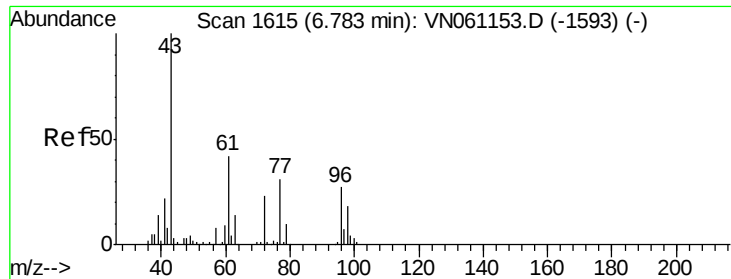
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.1 1.9 5.7

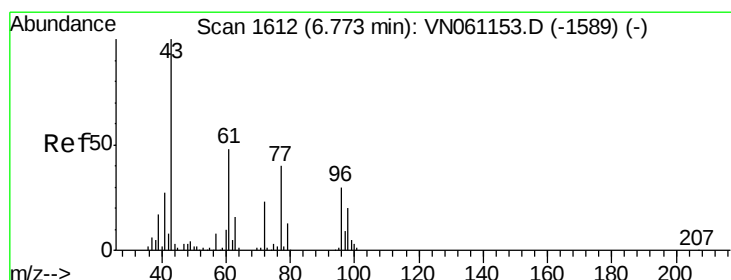
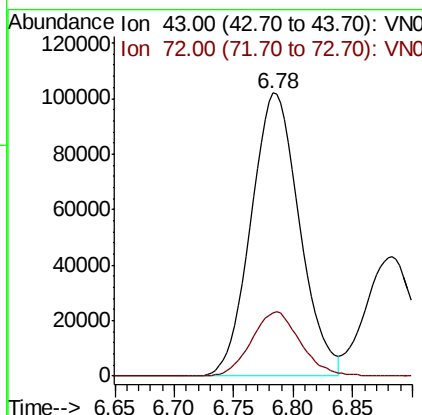
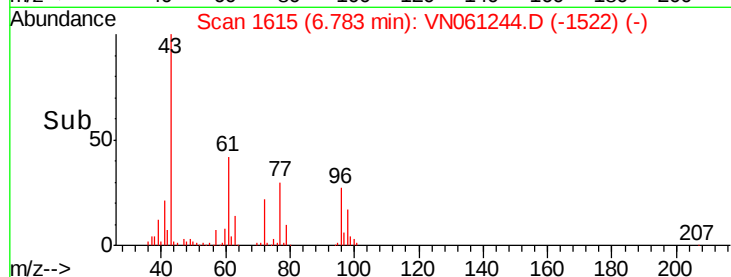
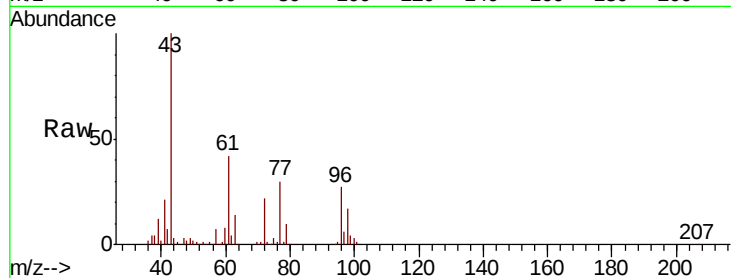




#25
2-Butanone
Concen: 271.375 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

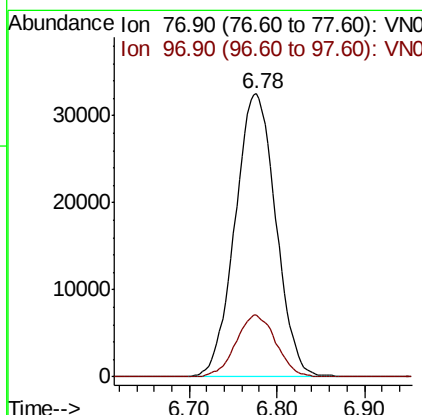
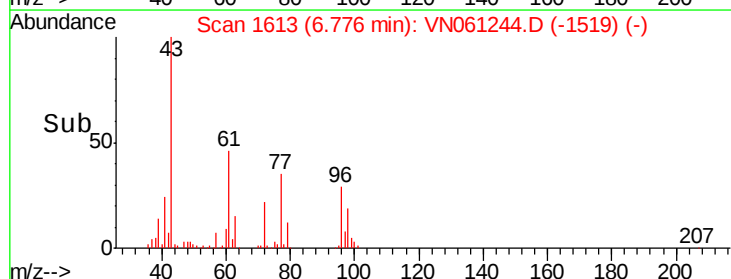
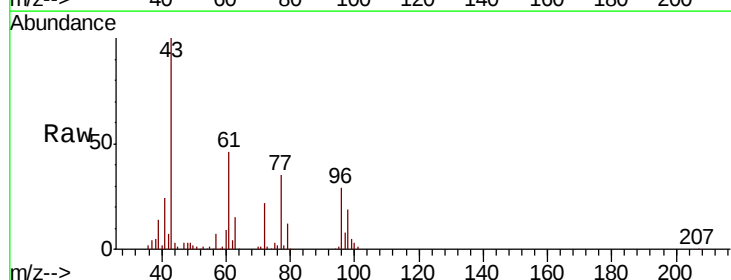
Instrument :
MSVOA_N
ClientSampleId :

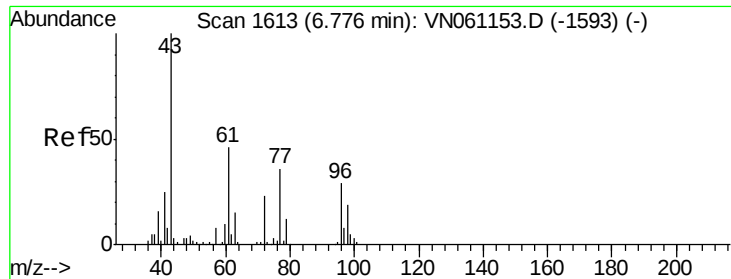
Tot Ion: 43 Resp: 288482
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.4



#26
2,2-Dichloropropane
Concen: 46.409 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 77 Resp: 105194
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.357 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampleId :

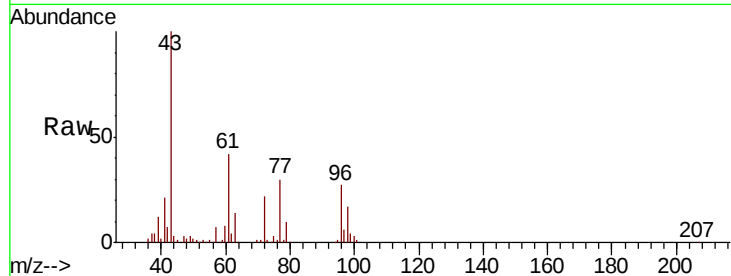
Tot Ion: 96 Resp: 80144

Ion Ratio Lower Upper

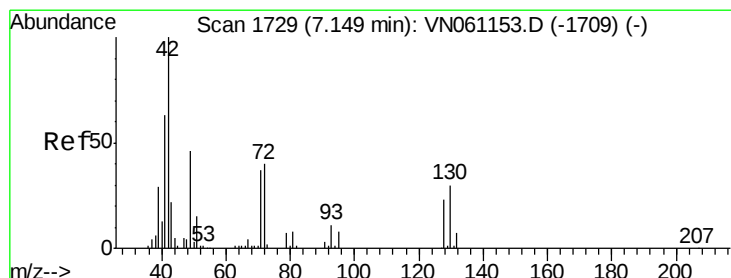
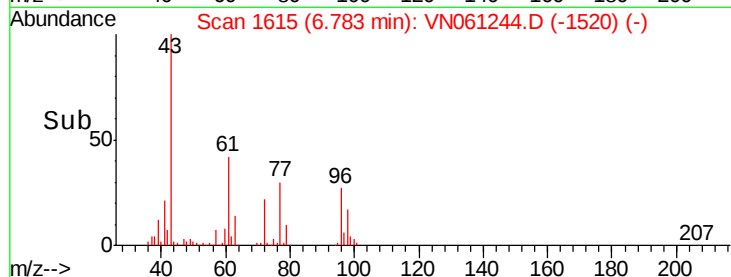
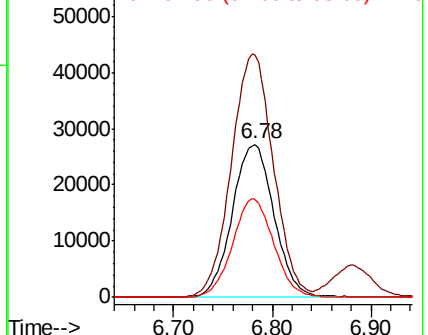
96 100

61 159.6 0.0 322.0

98 63.4 0.0 129.6



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



#28

Bromochloromethane

Concen: 56.512 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

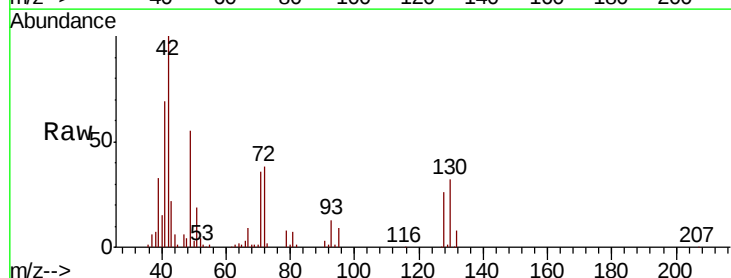
Tgt Ion: 49 Resp: 72082

Ion Ratio Lower Upper

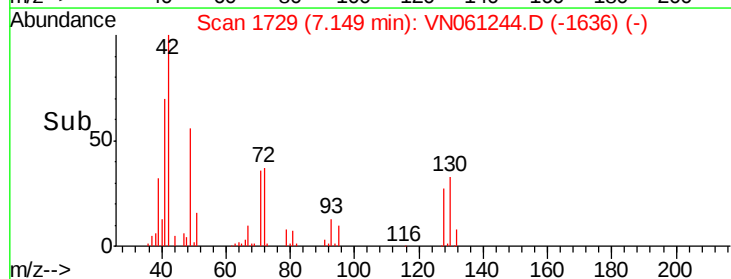
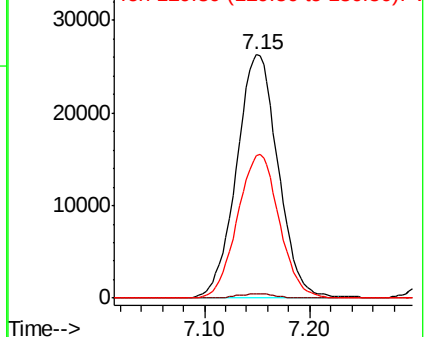
49 100

129 1.5 0.0 3.0

130 59.1 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: 277.226 ug/l

RT: 7.17 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

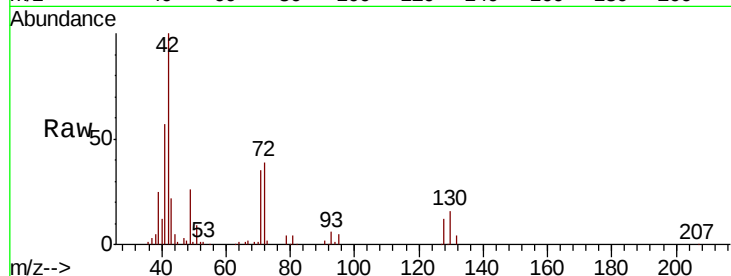
Tot Ion: 42 Resp: 198518

Ion Ratio Lower Upper

42 100

72 37.8 31.4 47.0

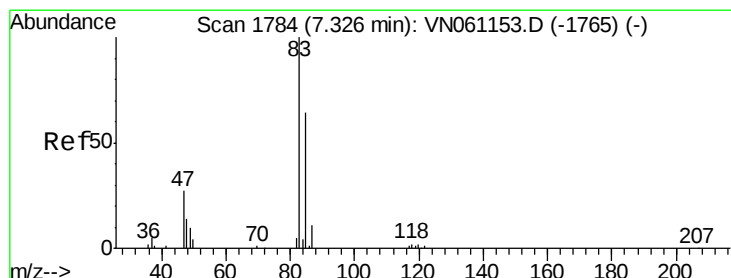
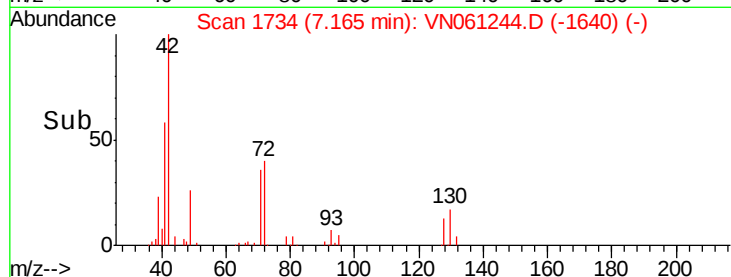
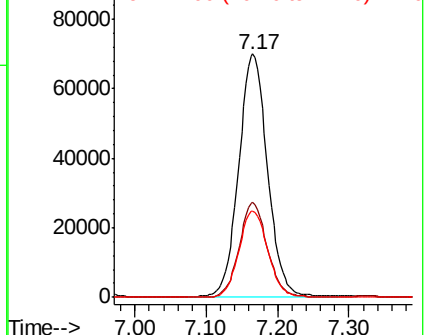
71 35.2 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VN061153.D (-1705) (-)

Ion 72.00 (71.70 to 72.70): VN061153.D (-1705) (-)

Ion 71.00 (70.70 to 71.70): VN061153.D (-1705) (-)



#30

Chloroform

Concen: 50.279 ug/l

RT: 7.33 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VN061244.D

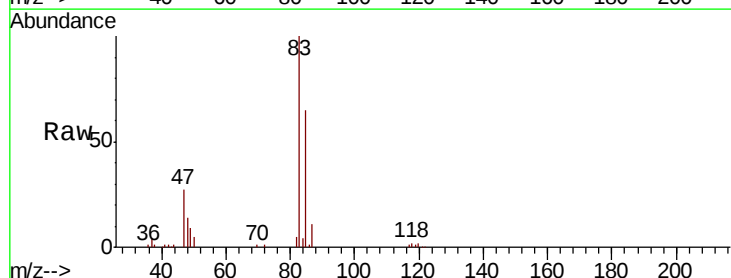
Acq: 1 May 2020 20:32

Tgt Ion: 83 Resp: 137116

Ion Ratio Lower Upper

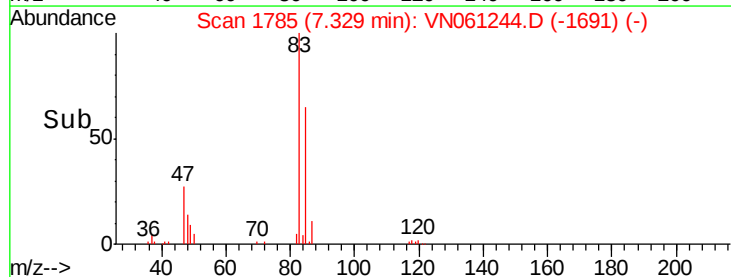
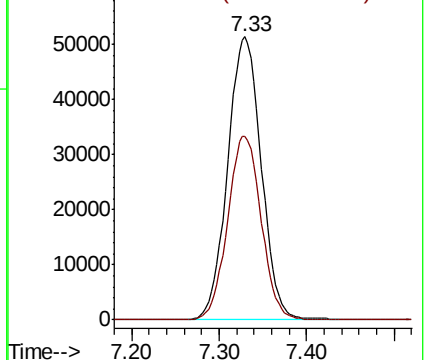
83 100

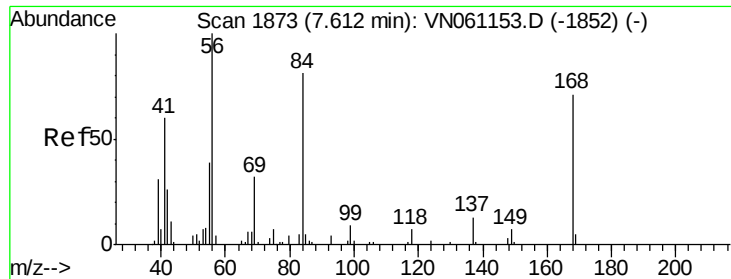
85 64.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-1765) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-1765) (-)





#31

Cyclohexane

Concen: 49.348 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampled :

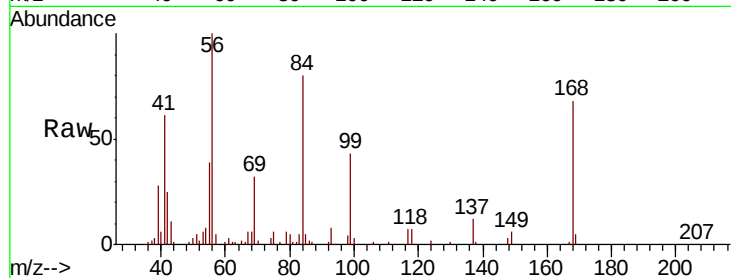
Tot Ion: 56 Resp: 128968

Ion Ratio Lower Upper

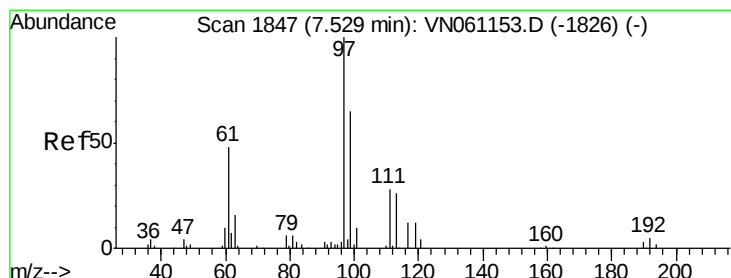
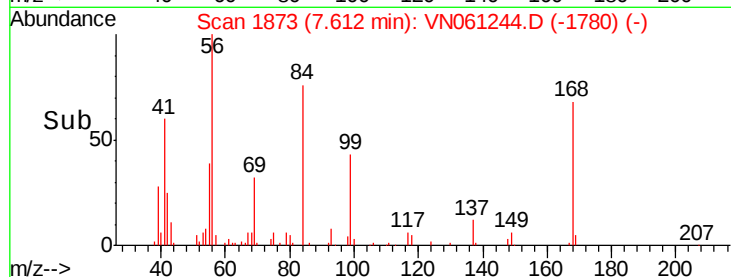
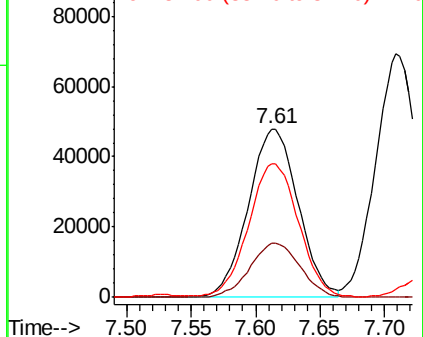
56 100

69 32.2 25.7 38.5

84 78.6 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: 49.191 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

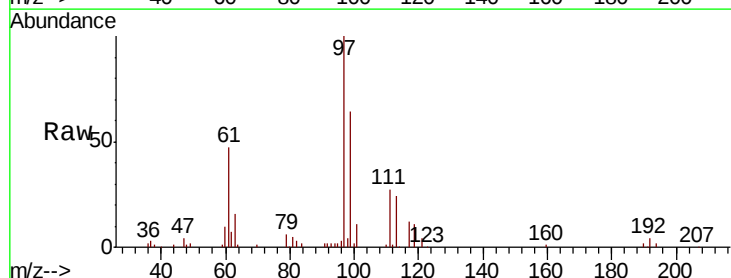
Tgt Ion: 97 Resp: 116817

Ion Ratio Lower Upper

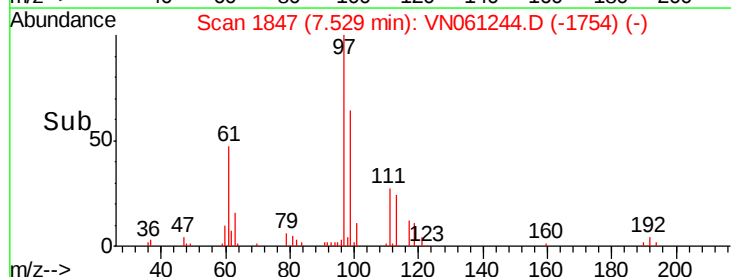
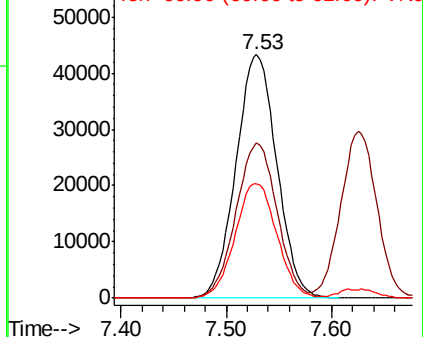
97 100

99 64.0 51.3 76.9

61 48.1 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: 49.947 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

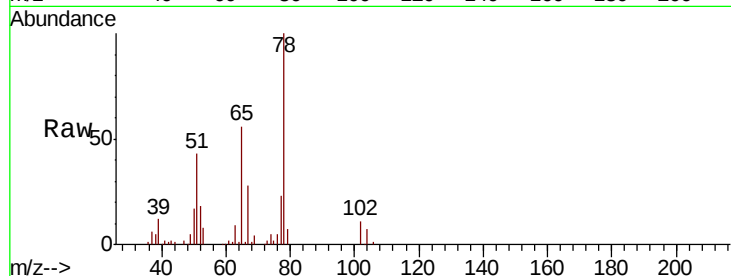
ClientSampleId :

Tot Ion: 65 Resp: 89730

Ion Ratio Lower Upper

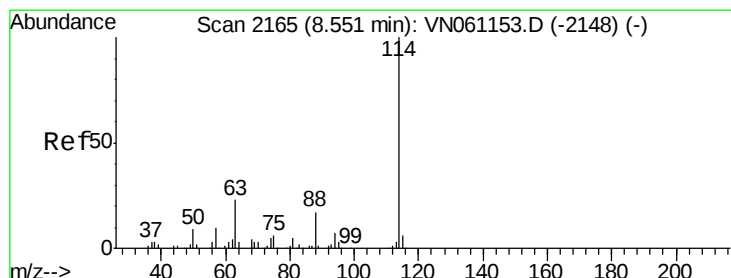
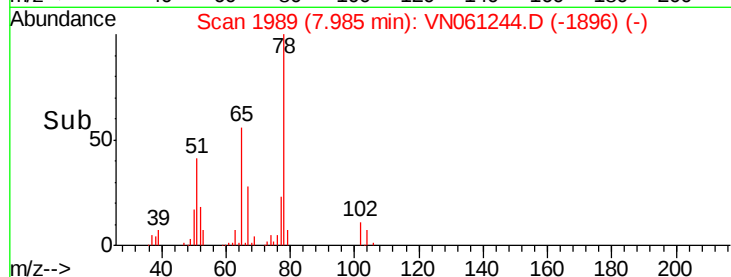
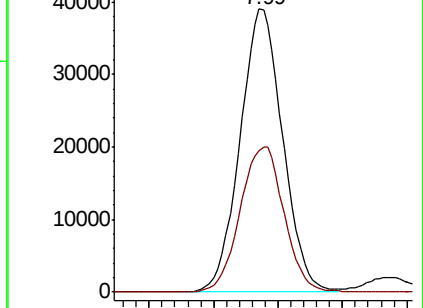
65 100

67 52.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

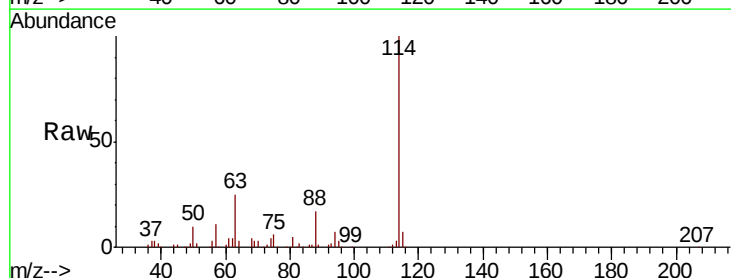
Tgt Ion: 114 Resp: 195524

Ion Ratio Lower Upper

114 100

63 25.0 0.0 46.6

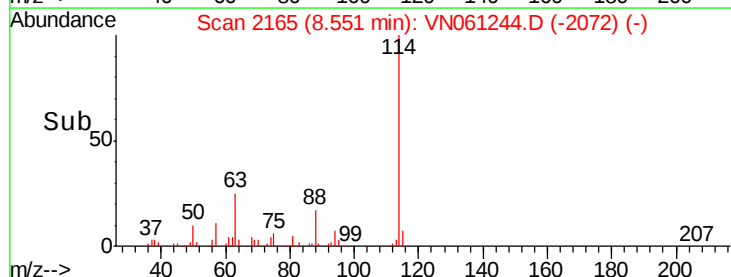
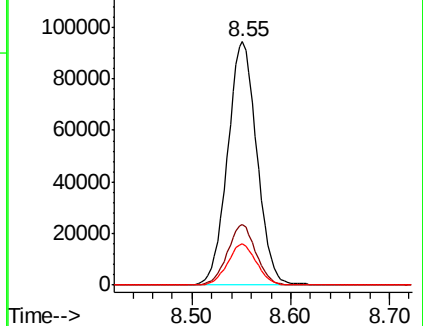
88 16.9 0.0 33.4

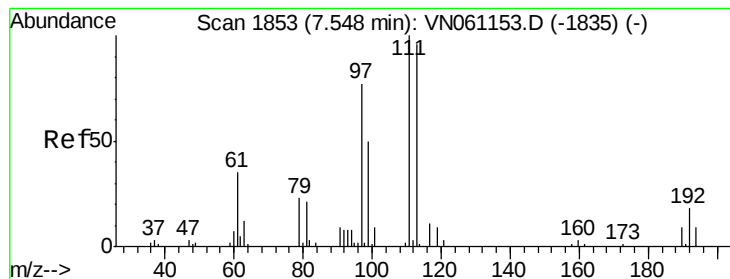


Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)





#35

Dibromofluoromethane

Concen: 49.684 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

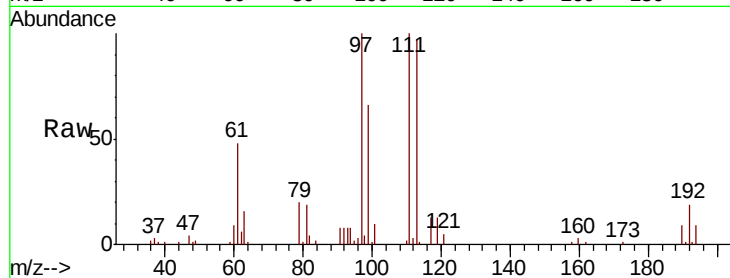
Tot Ion:113 Resp: 57444

Ion Ratio Lower Upper

113 100

111 104.7 82.9 124.3

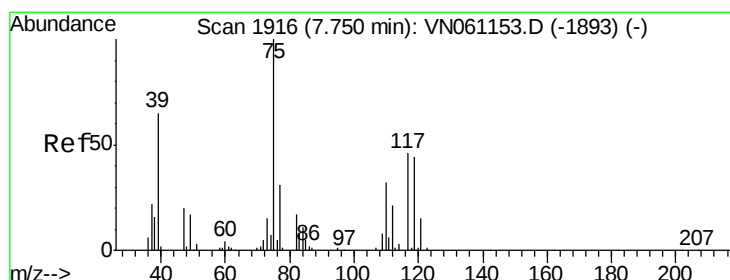
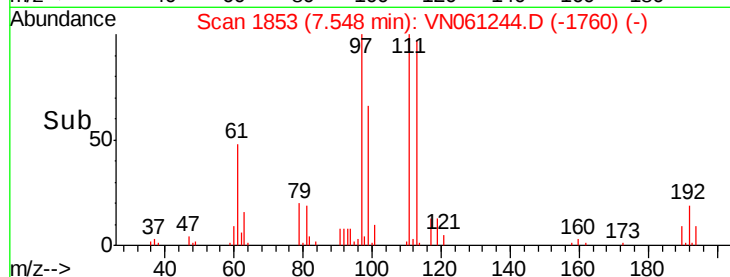
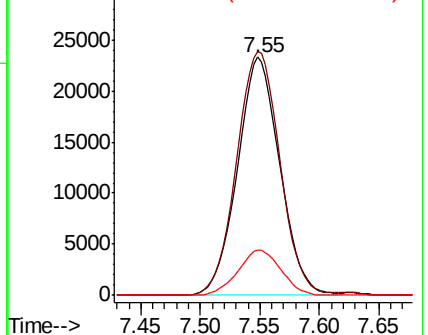
192 19.2 14.7 22.1



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: 52.618 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

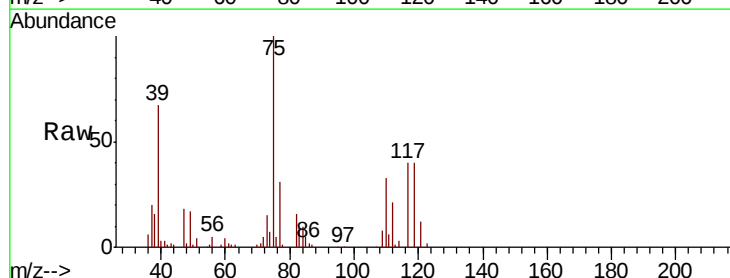
Tgt Ion: 75 Resp: 102988

Ion Ratio Lower Upper

75 100

110 31.5 16.0 48.0

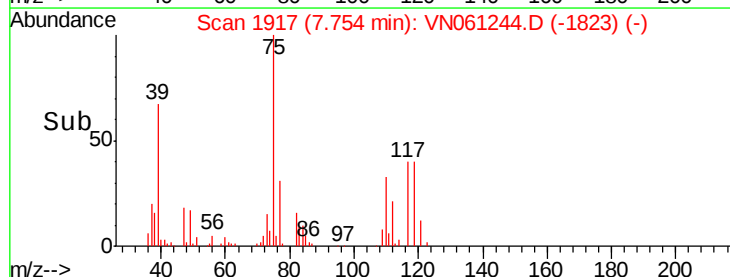
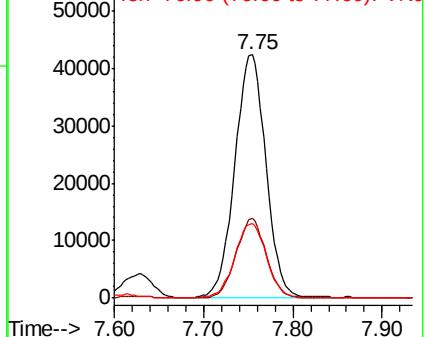
77 31.1 24.6 37.0

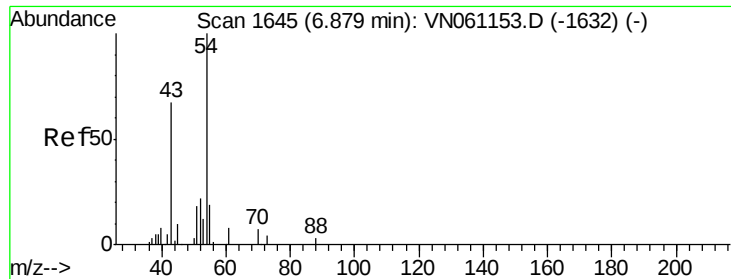


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

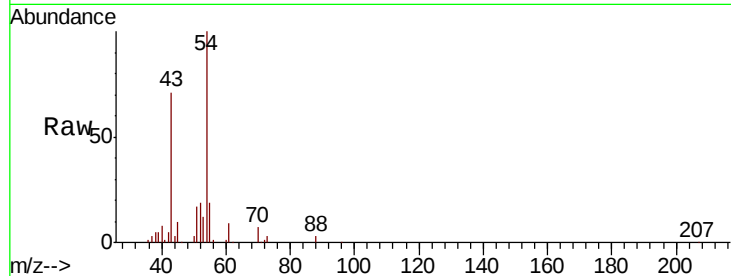




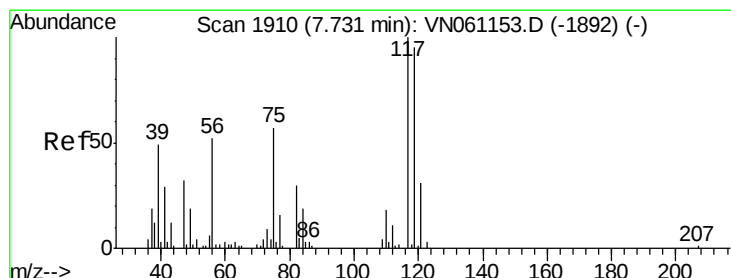
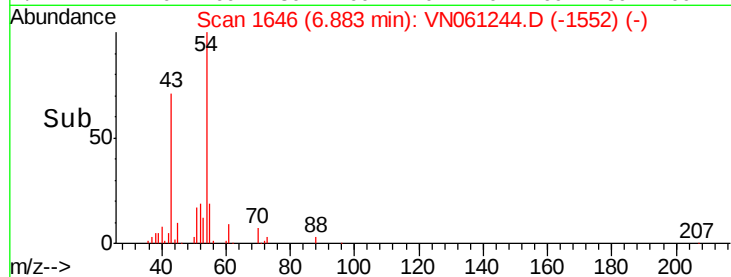
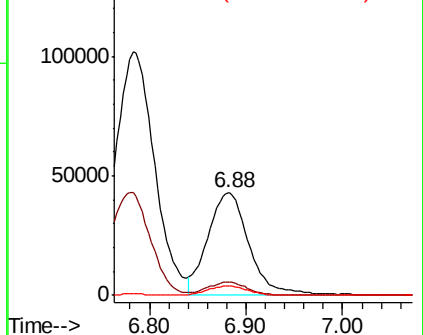
#37
Ethyl Acetate
Concen: 54.304 ug/l
RT: 6.88 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 124606
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 9.0 7.2 10.8

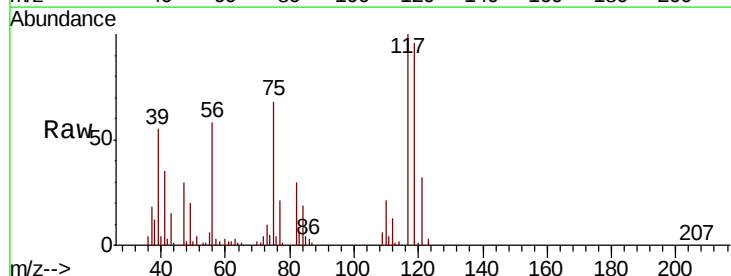


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

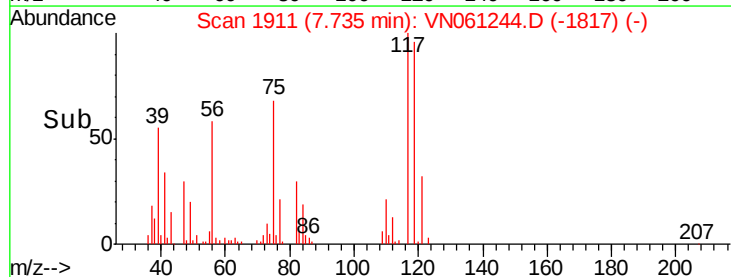
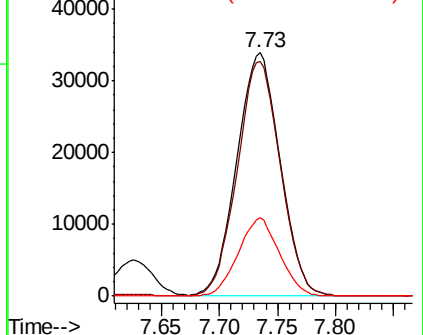


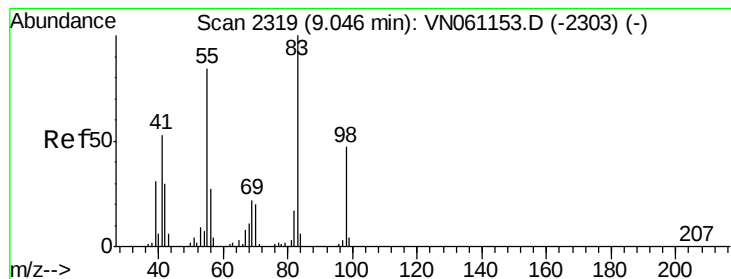
#38
Carbon Tetrachloride
Concen: 49.342 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 117 Resp: 88058
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
121 32.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 51.897 ug/l

RT: 9.05 min Scan# 2319

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

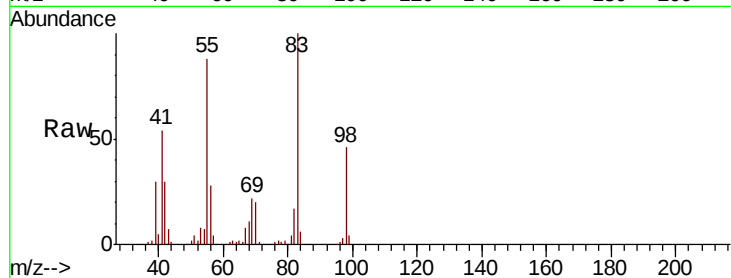
Tot Ion: 83 Resp: 113915

Ion Ratio Lower Upper

83 100

55 87.5 67.3 100.9

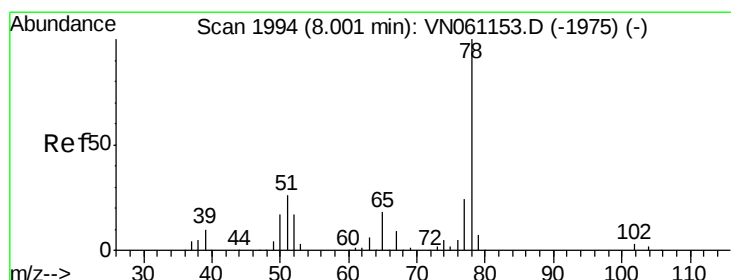
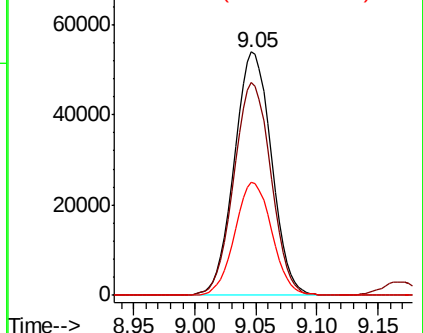
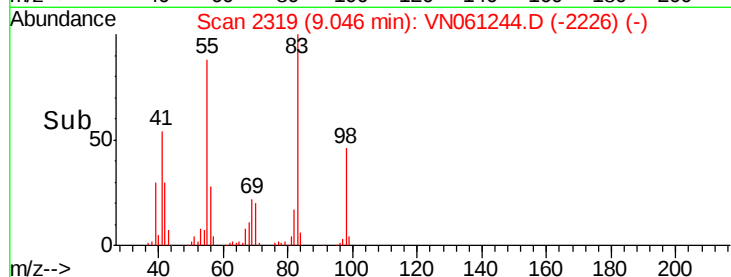
98 46.4 37.7 56.5



Abundance Ion 83.00 (82.70 to 83.70): VN061244.D (-2226) (-)

Ion 55.00 (54.70 to 55.70): VN061244.D (-2226) (-)

Ion 98.00 (97.70 to 98.70): VN061244.D (-2226) (-)



#40

Benzene

Concen: 52.787 ug/l

RT: 8.00 min Scan# 1994

Delta R.T. 0.00 min

Lab File: VN061244.D

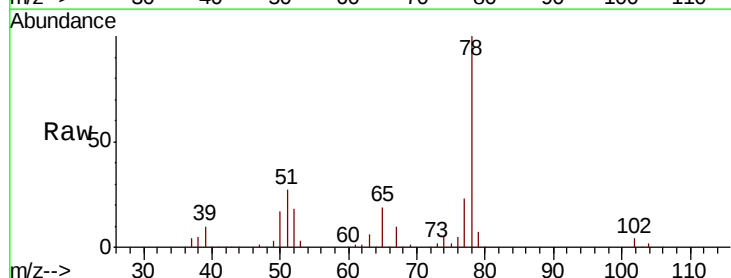
Acq: 1 May 2020 20:32

Tgt Ion: 78 Resp: 307815

Ion Ratio Lower Upper

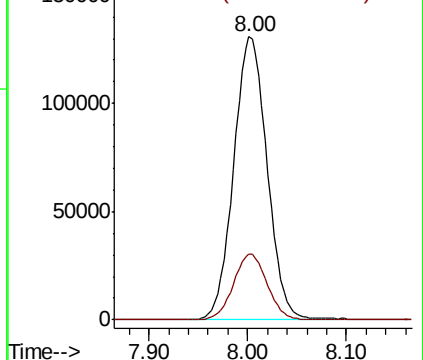
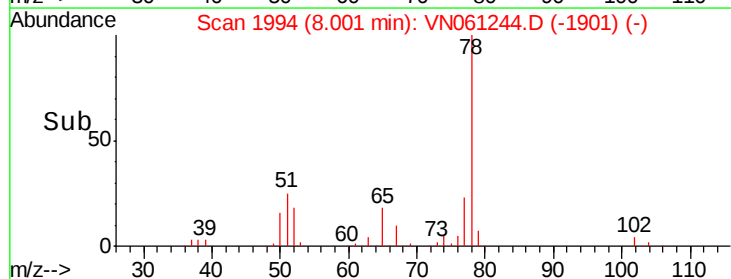
78 100

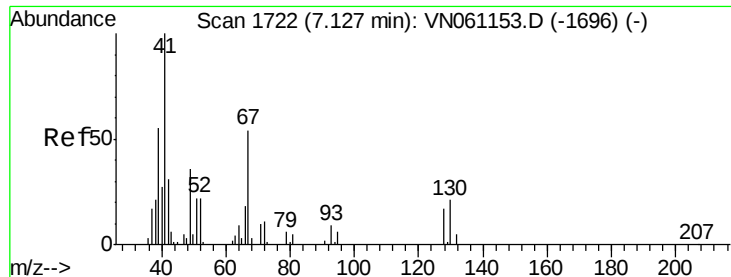
77 23.2 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN061244.D (-1901) (-)

Ion 77.00 (76.70 to 77.70): VN061244.D (-1901) (-)

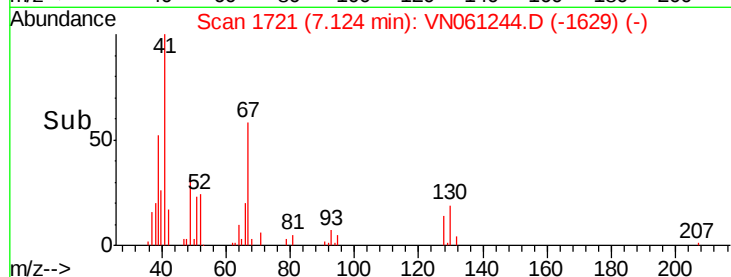
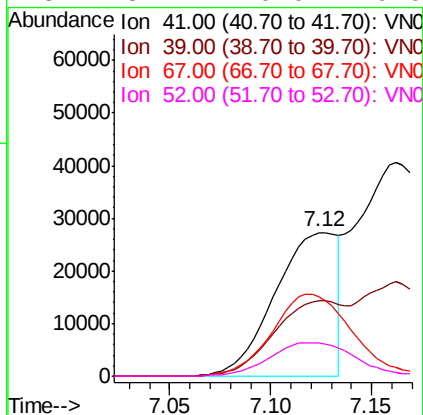
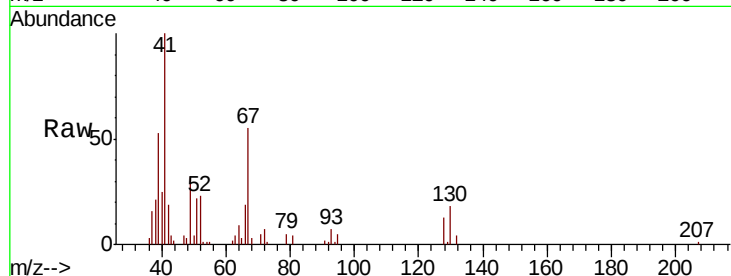




#41
Methacrylonitrile
Concen: 61.741 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

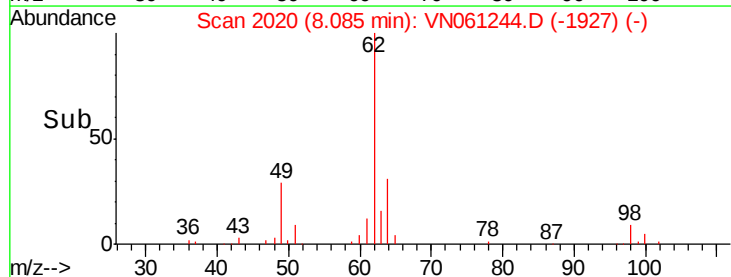
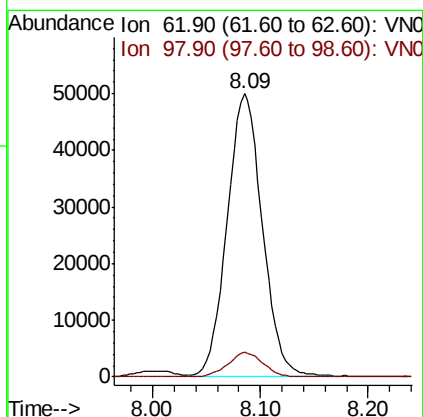
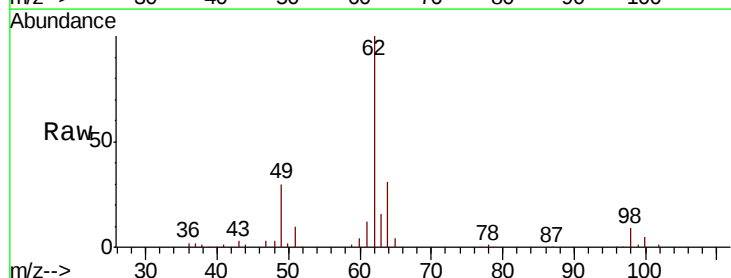
Instrument :
MSVOA_N
ClientSampled :

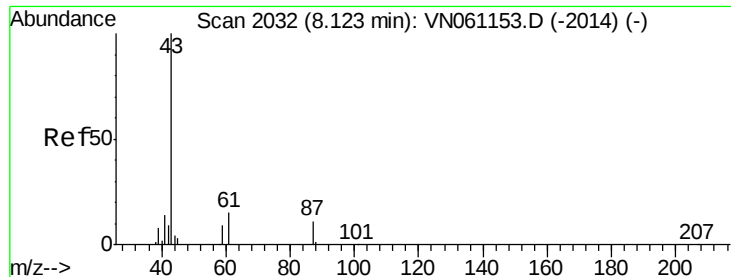
Tot Ion:	41	Resp:	58821
Ion	Ratio	Lower	Upper
41	100		
39	57.5	0.0	0.0#
67	73.6	0.0	0.0#
52	32.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.197 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion:	62	Resp:	113099
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 53.393 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

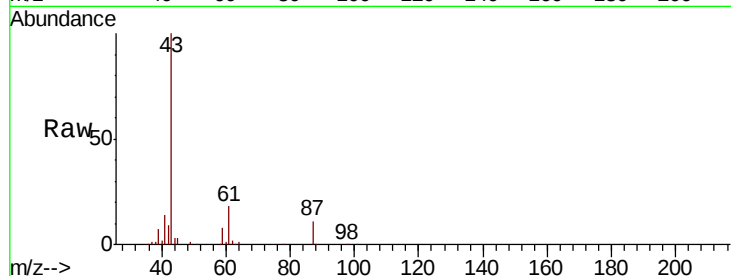
Tot Ion: 43 Resp: 203328

Ion Ratio Lower Upper

43 100

61 24.5 19.5 29.3

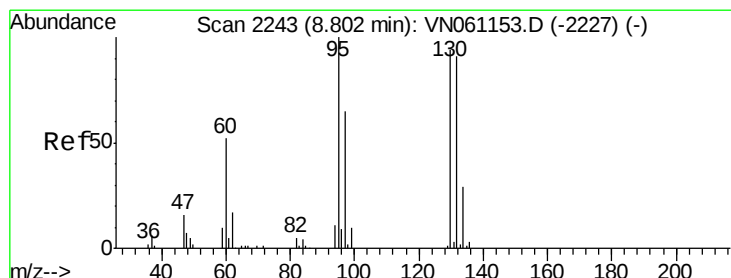
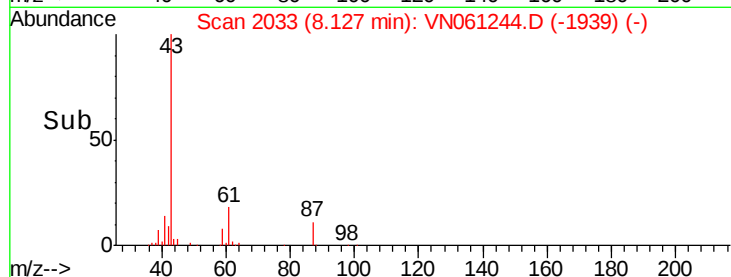
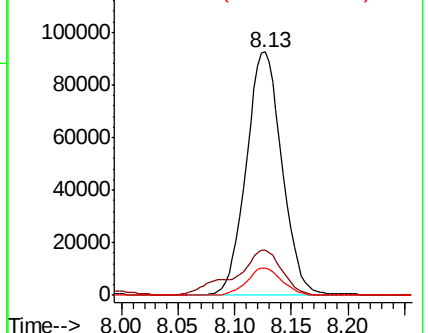
87 11.0 8.9 13.3



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: 47.967 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061244.D

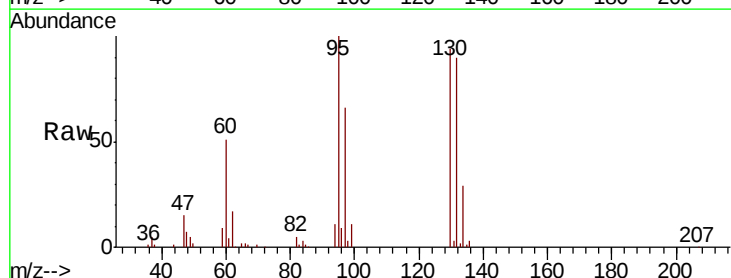
Acq: 1 May 2020 20:32

Tgt Ion:130 Resp: 75613

Ion Ratio Lower Upper

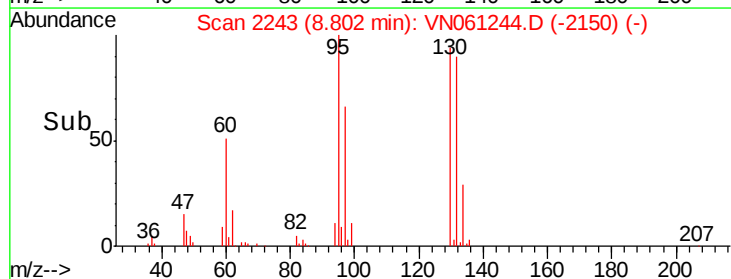
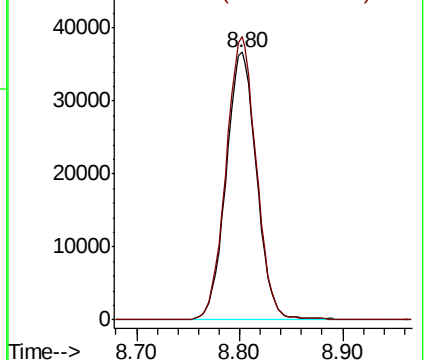
130 100

95 105.8 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: 54.697 ug/l

RT: 9.09 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

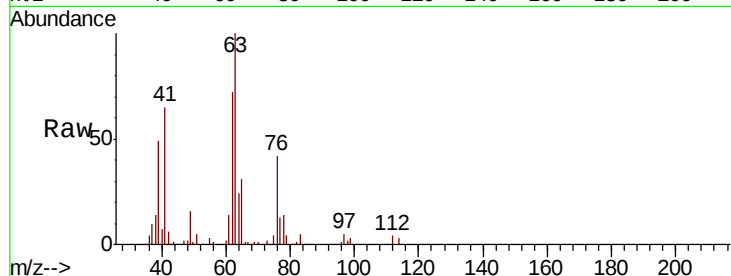
ClientSampleId :

Tot Ion: 63 Resp: 85211

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-2310) (-)

Ion 64.90 (64.60 to 65.60): VN061153.D (-2310) (-)

9.09

40000

30000

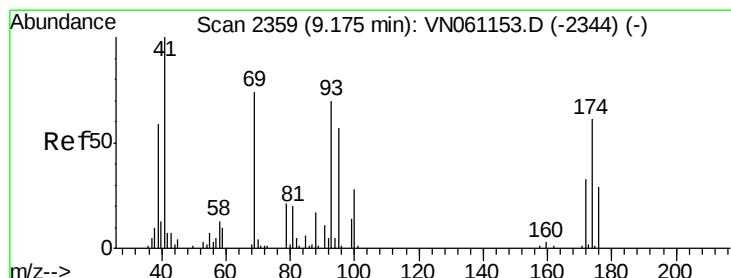
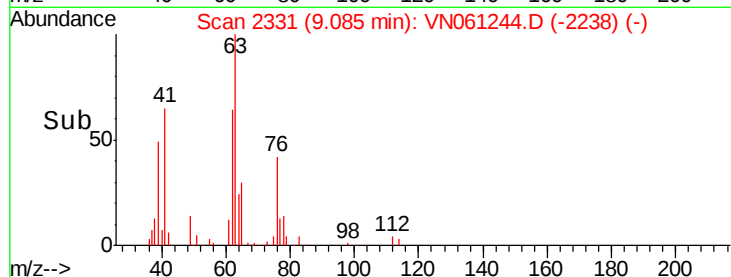
20000

10000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 52.812 ug/l

RT: 9.18 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

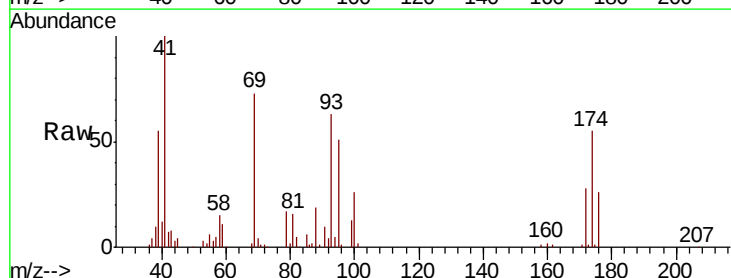
Tgt Ion: 93 Resp: 50942

Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 90.0 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN061153.D (-2344) (-)

Ion 94.80 (94.50 to 95.50): VN061153.D (-2344) (-)

Ion 173.70 (173.40 to 174.40): VN061153.D (-2344) (-)

9.18

30000

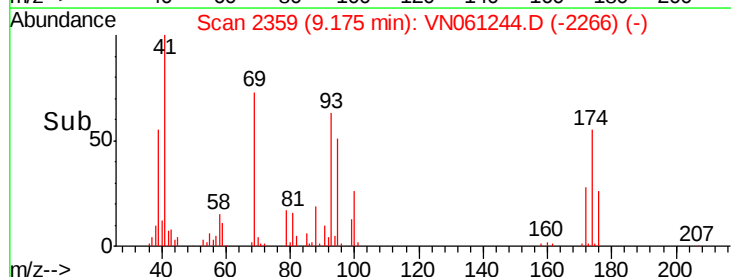
20000

10000

0

Time-->

9.10 9.15 9.20 9.25

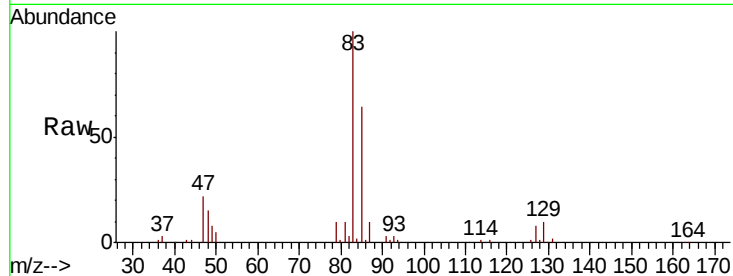




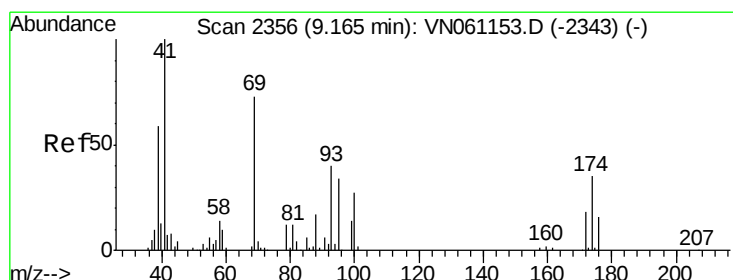
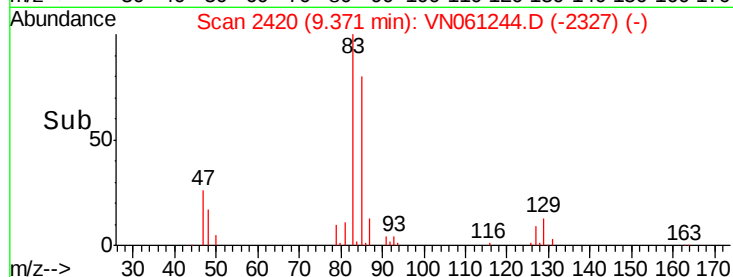
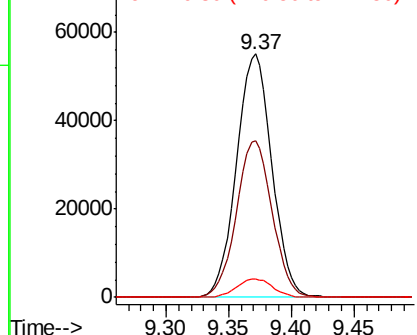
#47
Bromodichloromethane
Concen: 52.259 ug/l
RT: 9.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 108197
Ion Ratio Lower Upper
83 100
85 64.3 50.4 75.6
127 7.6 6.2 9.2

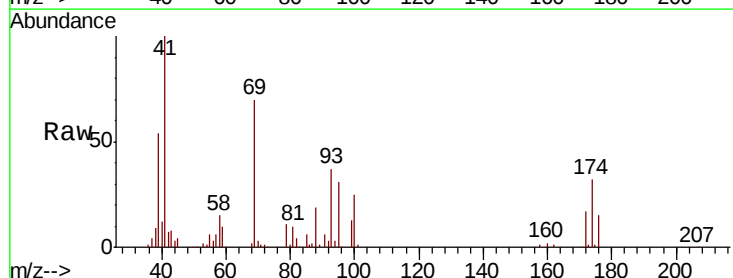


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

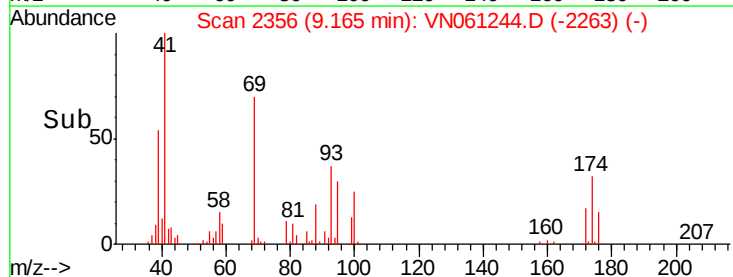
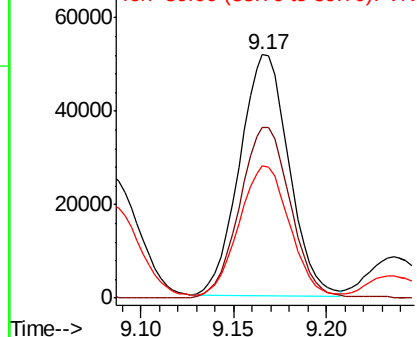


#48
Methyl methacrylate
Concen: 55.298 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 41 Resp: 95026
Ion Ratio Lower Upper
41 100
69 73.8 60.3 90.5
39 56.7 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

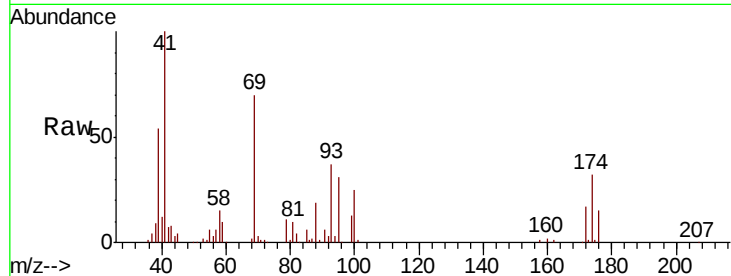




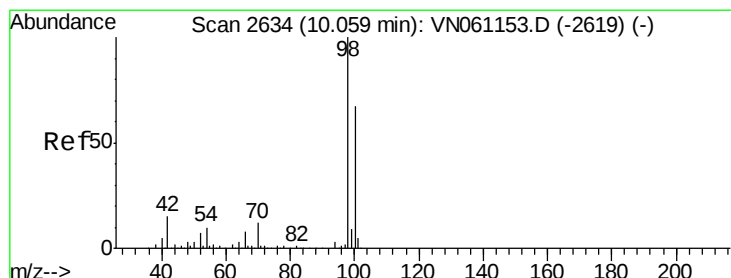
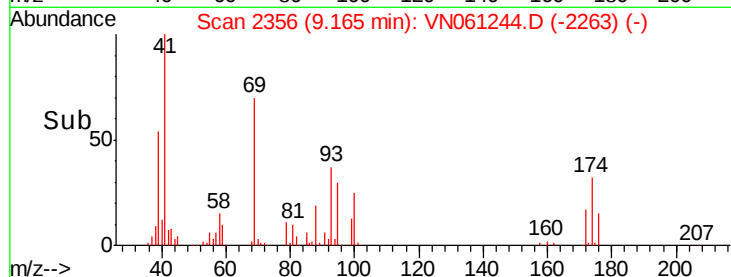
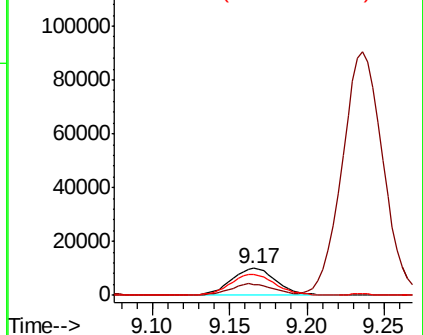
#49
1,4-Dioxane
Concen: 1032.489 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 20140
Ion Ratio Lower Upper
88 100
43 42.2 35.3 52.9
58 78.2 61.5 92.3

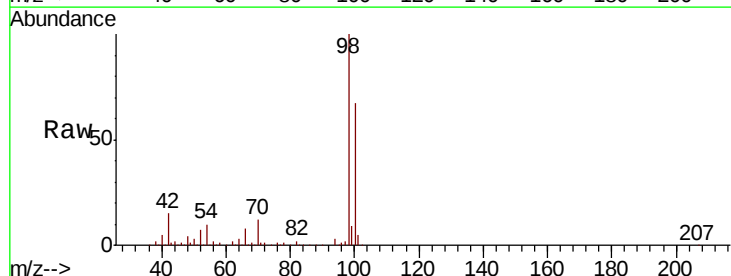


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

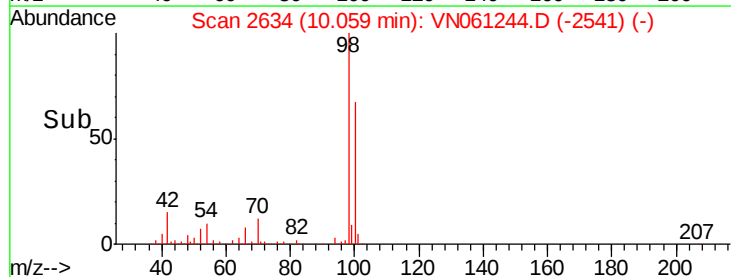
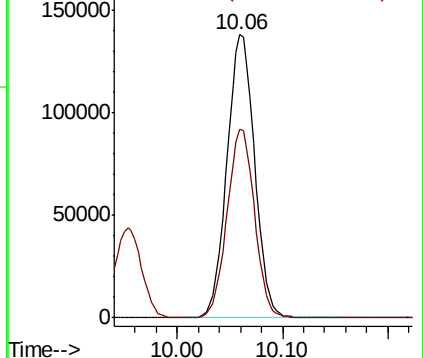


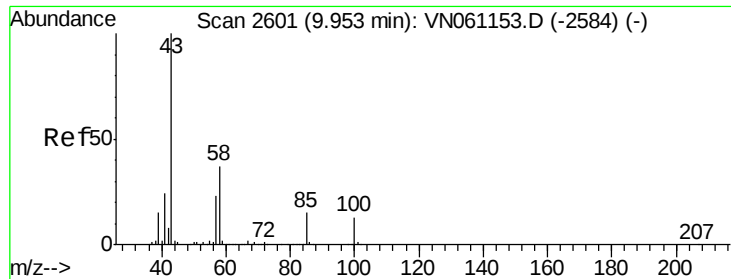
#50
Toluene-d8
Concen: 53.078 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 98 Resp: 250165
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



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

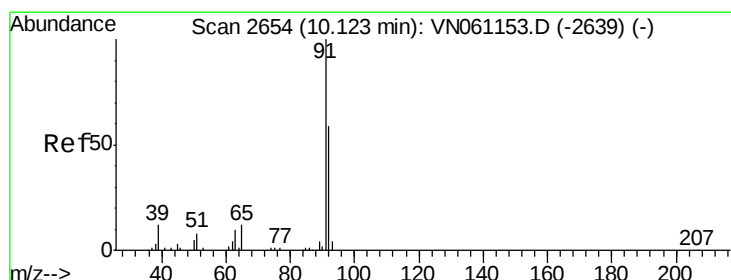
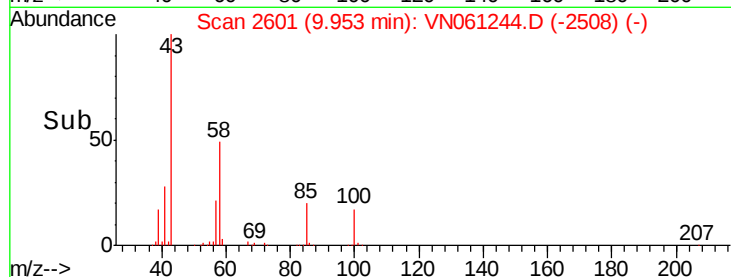
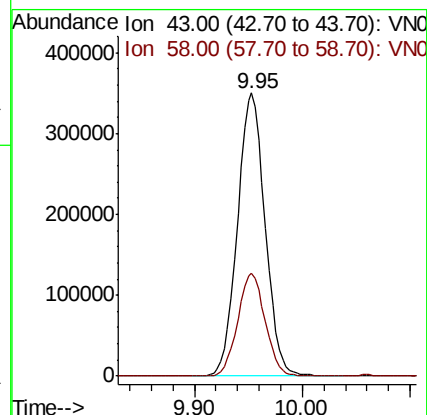
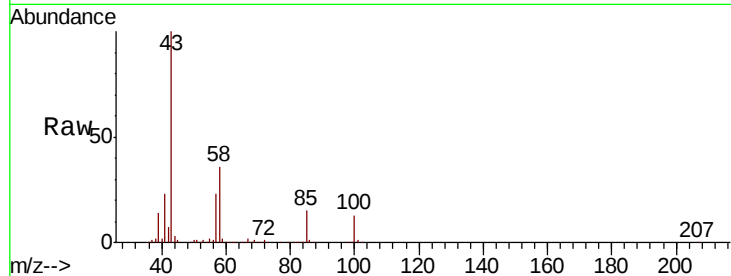




#51
4-Methyl-2-Pentanone
Concen: 278.857 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

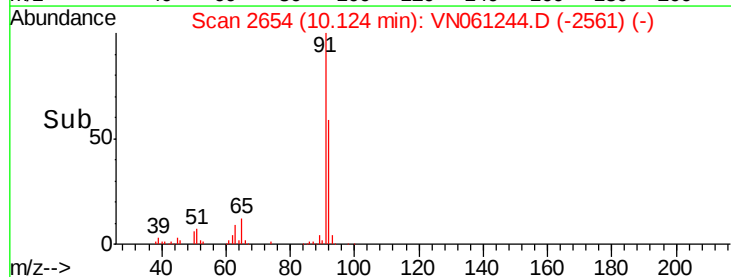
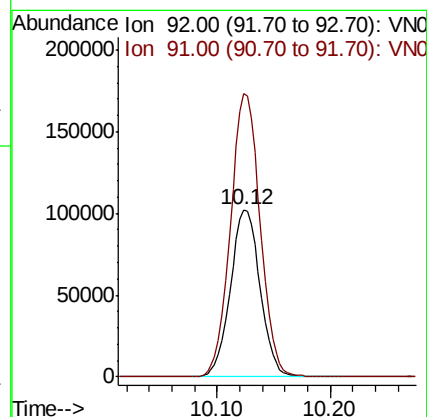
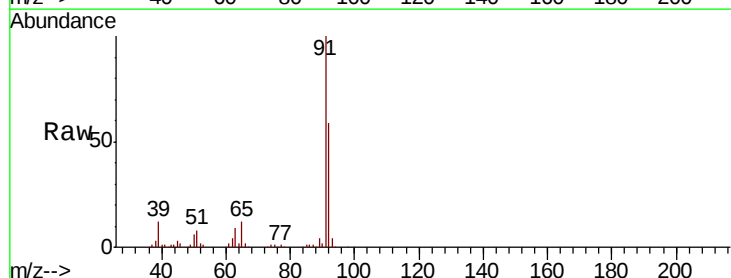
Instrument :
MSVOA_N
ClientSampled :

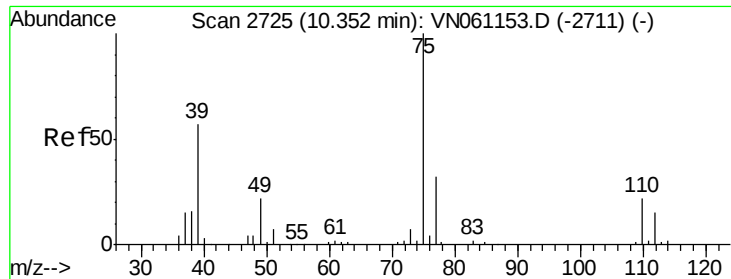
Tot Ion: 43 Resp: 625066
Ion Ratio Lower Upper
43 100
58 36.1 29.1 43.7



#52
Toluene
Concen: 53.092 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 92 Resp: 186477
Ion Ratio Lower Upper
92 100
91 169.5 136.2 204.2

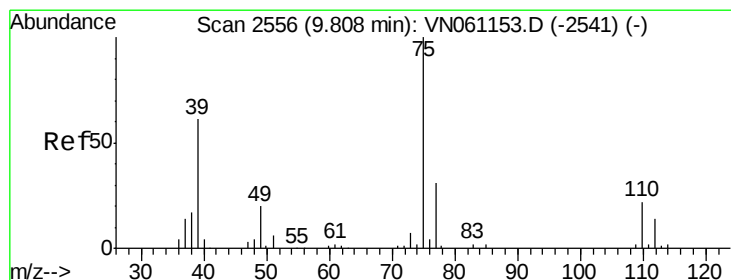
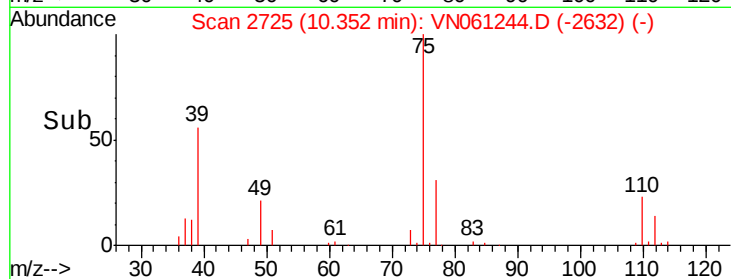
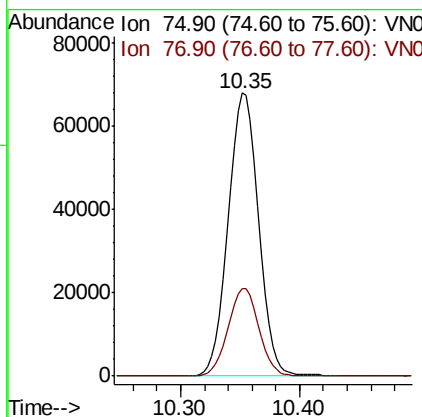
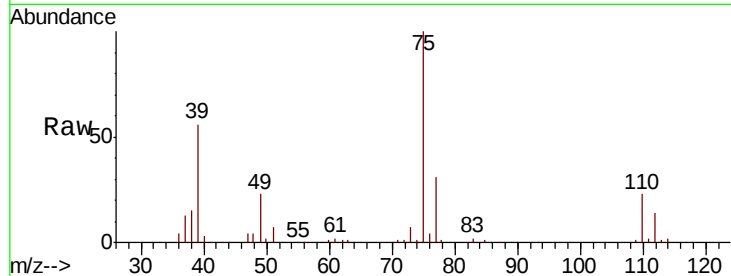




#53
t-1,3-Dichloropropene
Concen: 51.536 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

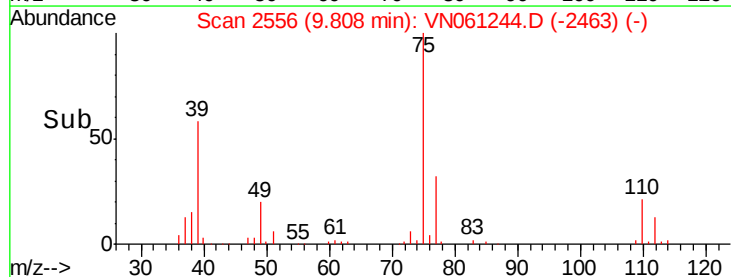
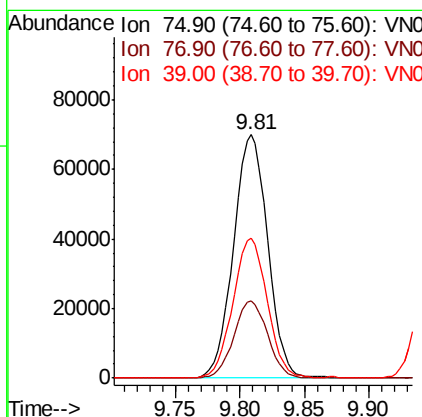
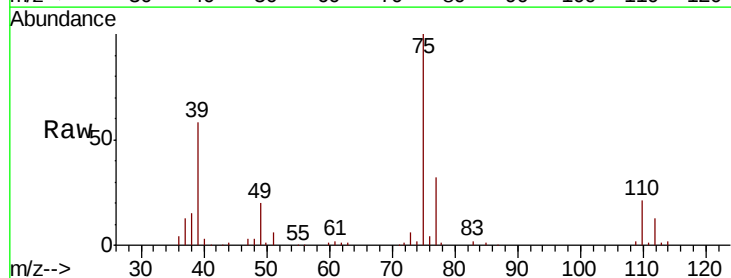
Instrument :
MSVOA_N
ClientSampleId :

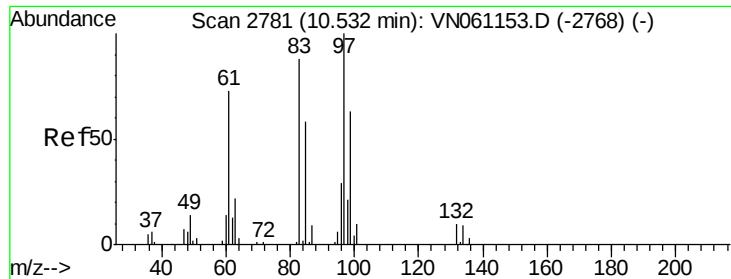
Tot Ion: 75 Resp: 120228
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 52.282 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 75 Resp: 128944
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 57.6 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 52.481 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

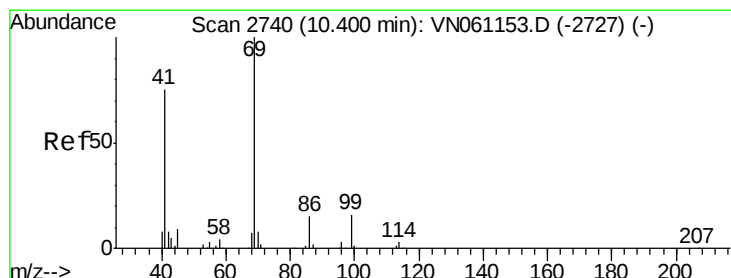
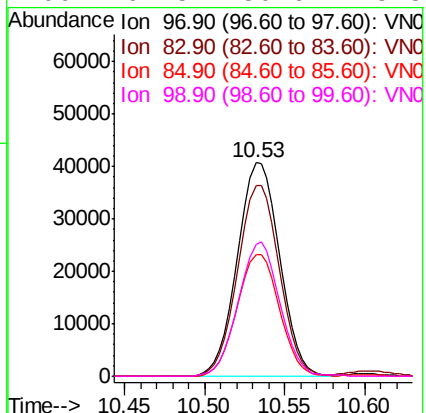
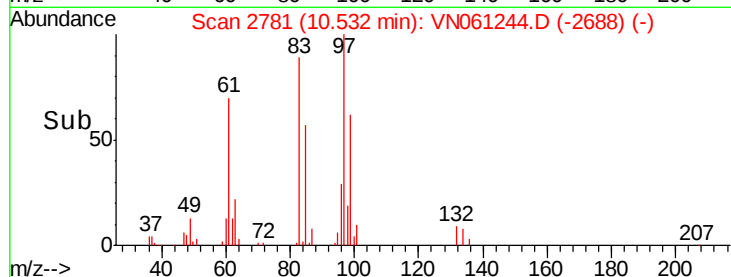
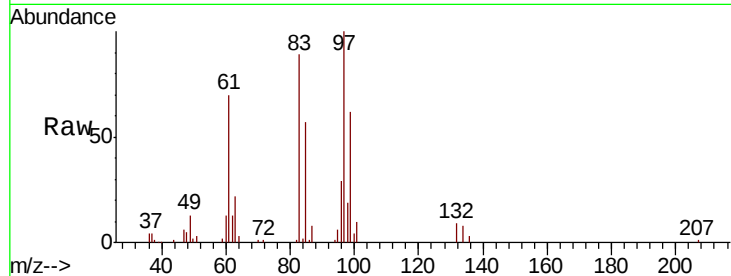
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 73524

Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.6	106.0
85	57.2	46.4	69.6
99	61.5	50.6	75.8



#56

Ethyl methacrylate

Concen: 49.397 ug/l

RT: 10.40 min Scan# 2740

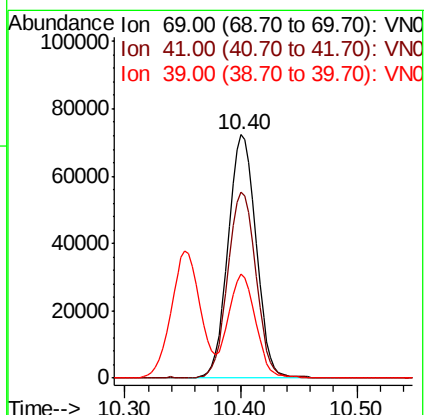
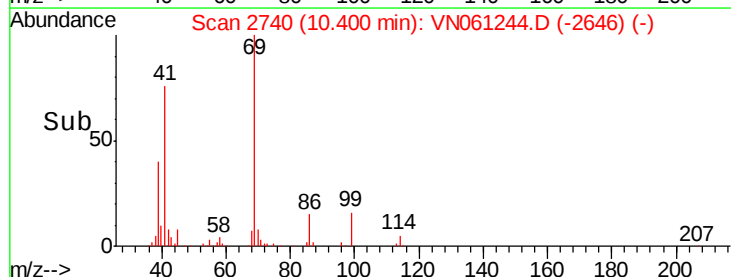
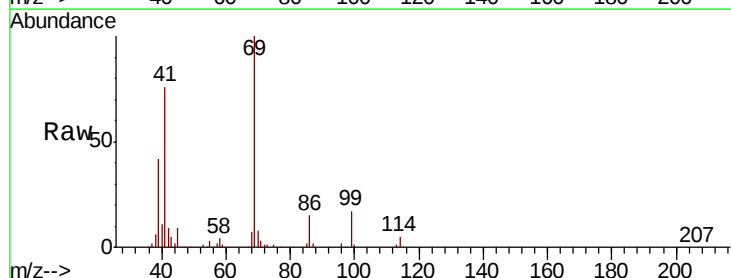
Delta R.T. 0.00 min

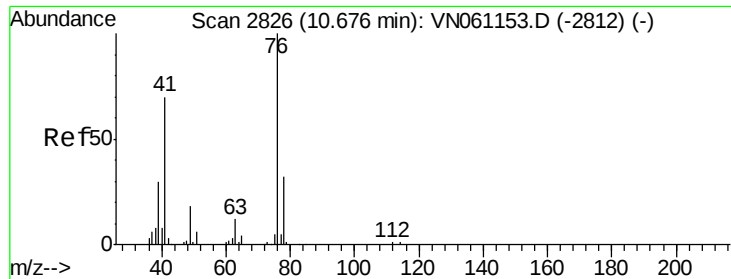
Lab File: VN061244.D

Acq: 1 May 2020 20:32

Tgt Ion: 69 Resp: 120507

Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.3	90.5
39	41.5	35.9	53.9

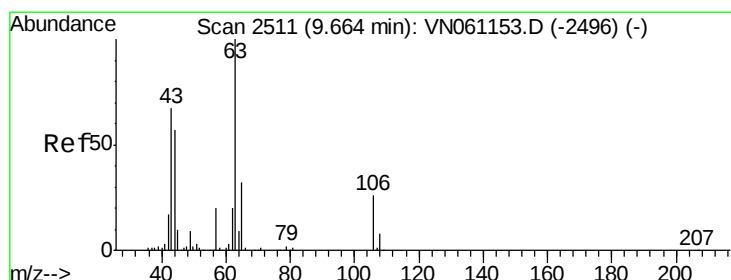
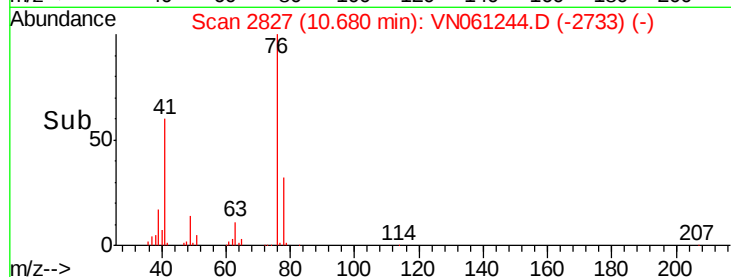
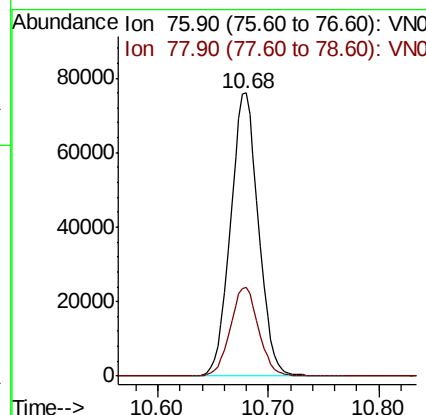
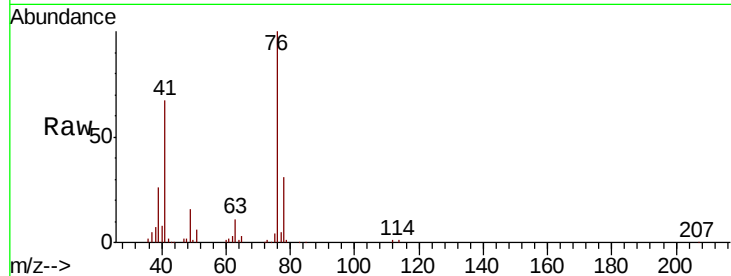




#57
 1,3-Dichloropropane
 Concen: 54.133 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

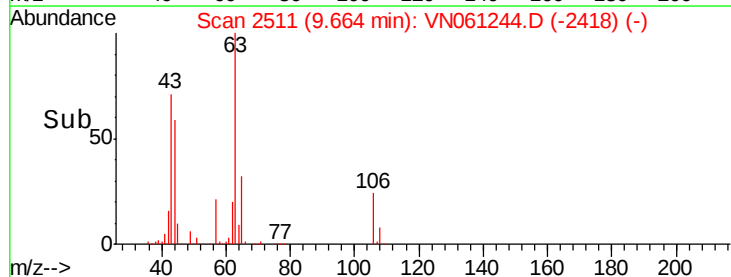
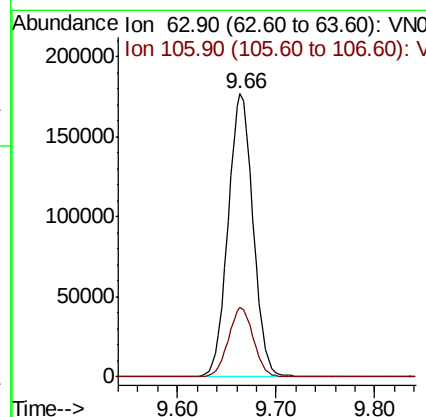
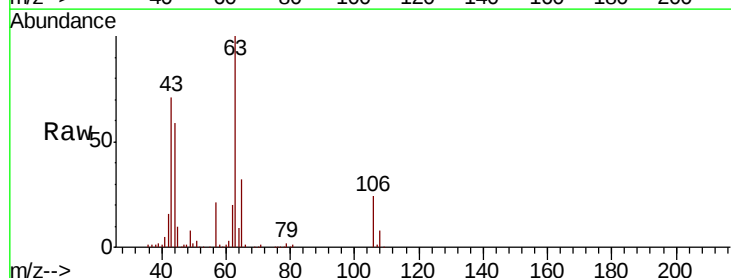
Instrument :
 MSVOA_N
 ClientSampled :

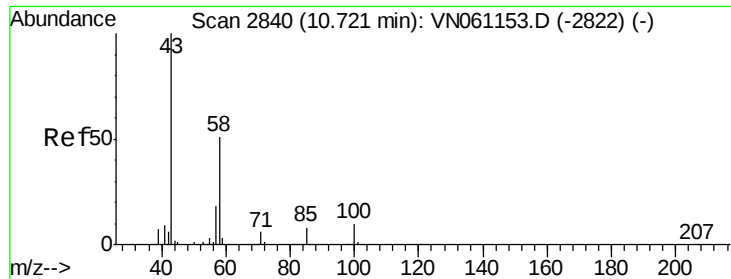
Tot Ion: 76 Resp: 133306
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.200 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion: 63 Resp: 314347
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.6 30.8

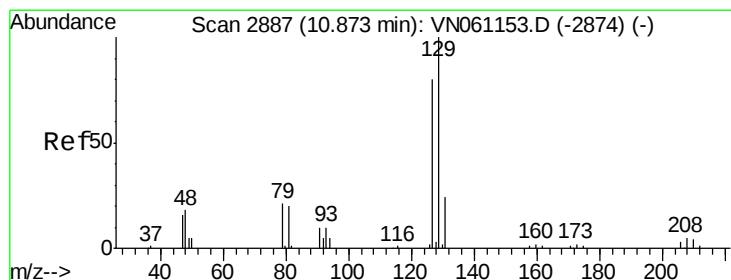
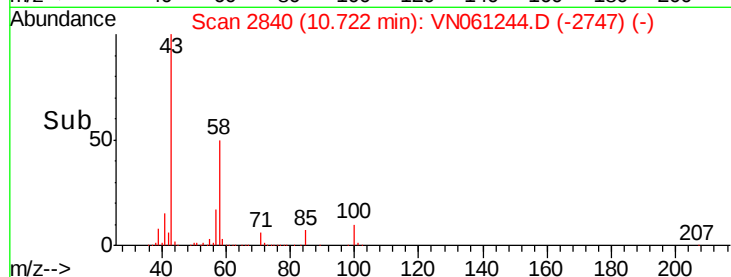
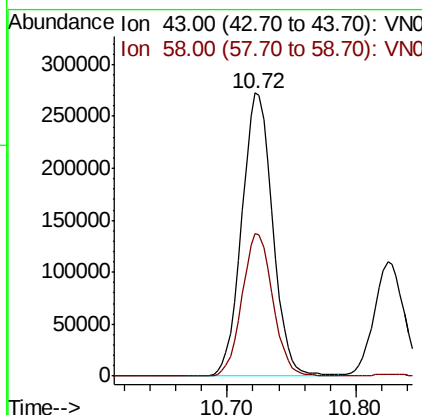
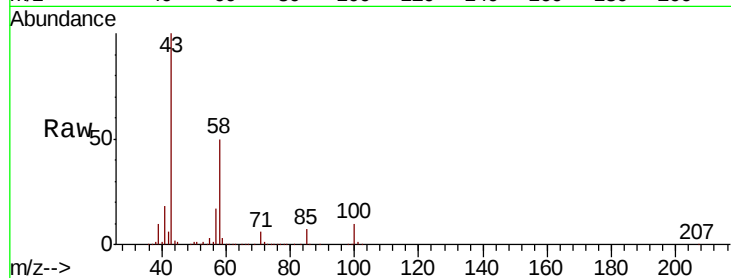




#59
2-Hexanone
Concen: 278.303 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

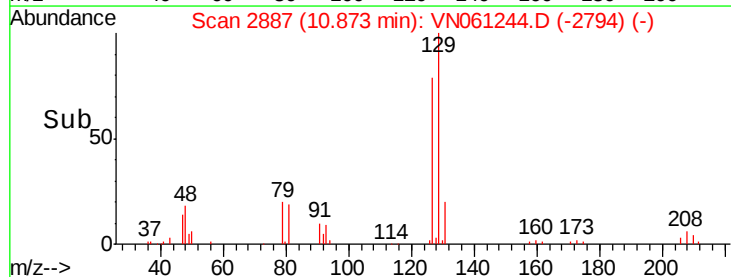
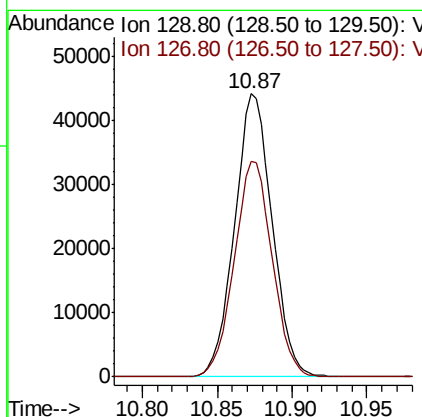
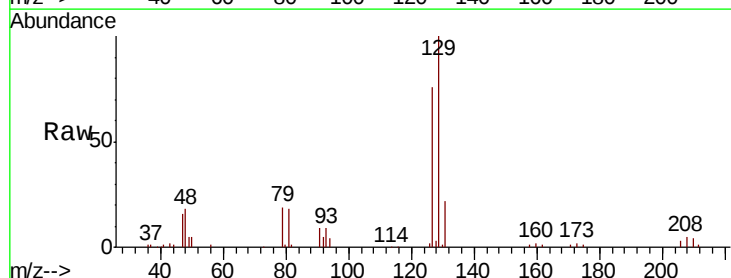
Instrument :
MSVOA_N
ClientSampleId :

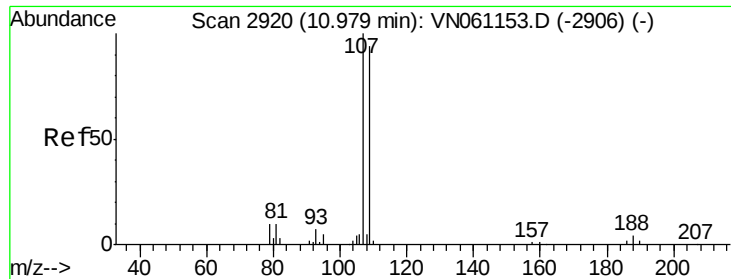
Tot Ion: 43 Resp: 453844
Ion Ratio Lower Upper
43 100
58 50.2 25.4 76.4



#60
Dibromochloromethane
Concen: 52.623 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 129 Resp: 77213
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8

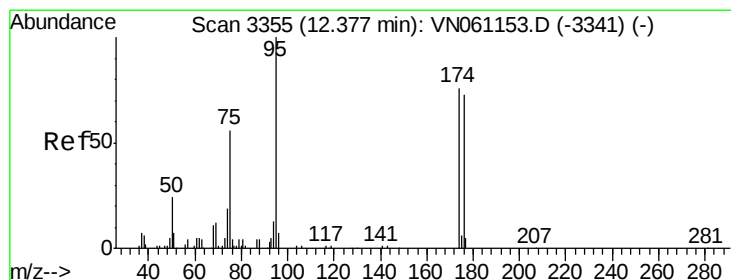
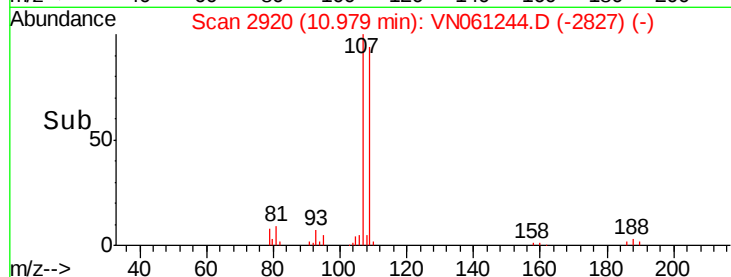
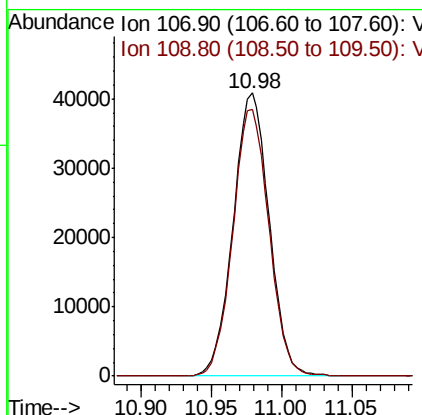
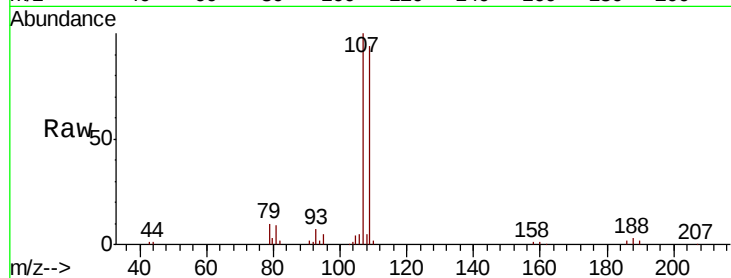




#61
 1,2-Dibromoethane
 Concen: 52.027 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

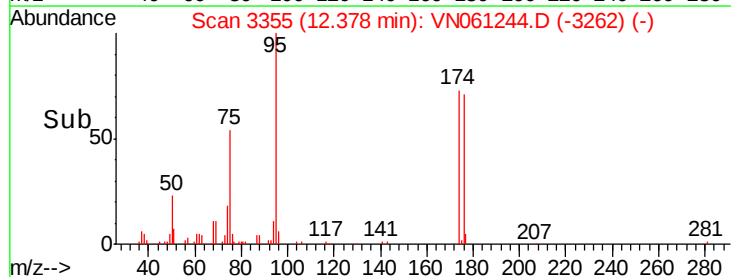
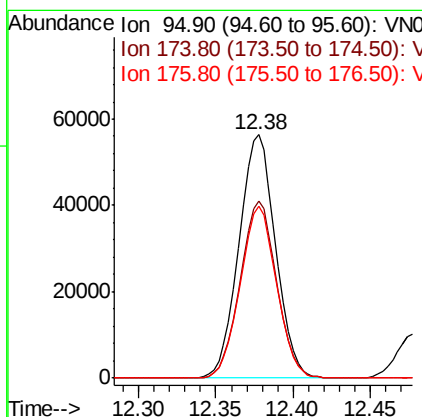
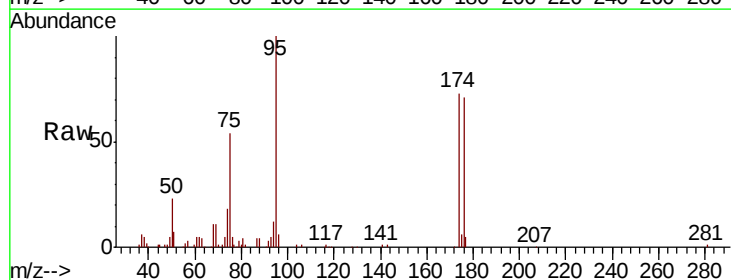
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 73055
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.200 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion: 95 Resp: 92584
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 149.4
 176 70.1 0.0 144.8

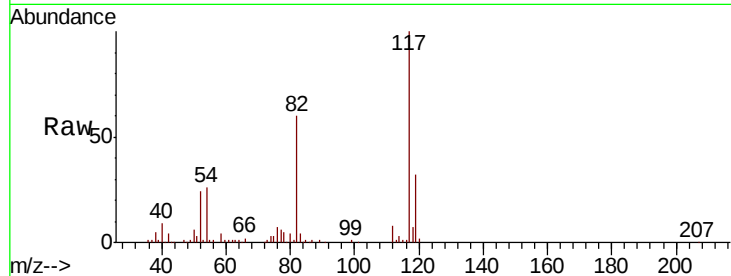




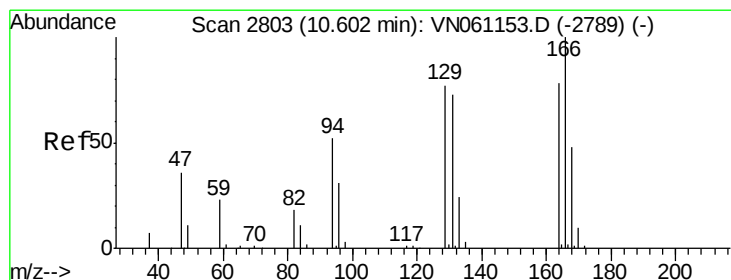
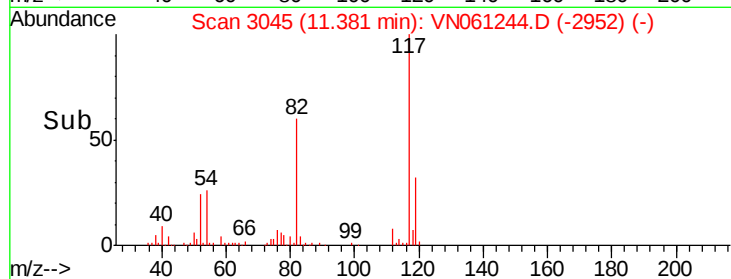
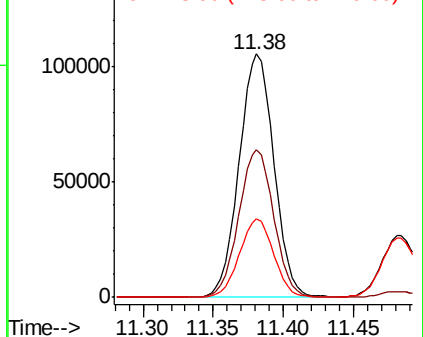
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 183636
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.4 25.8 38.6

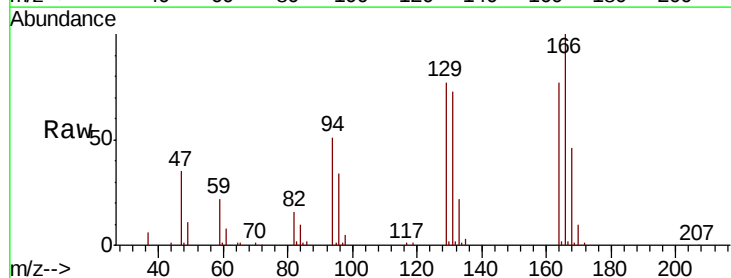


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

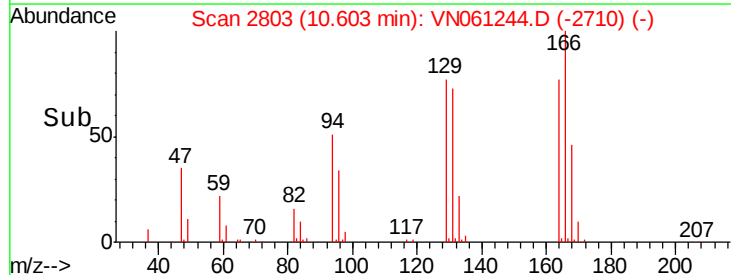
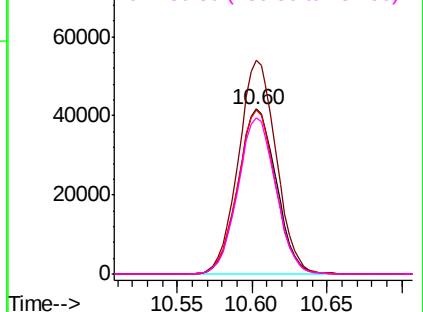


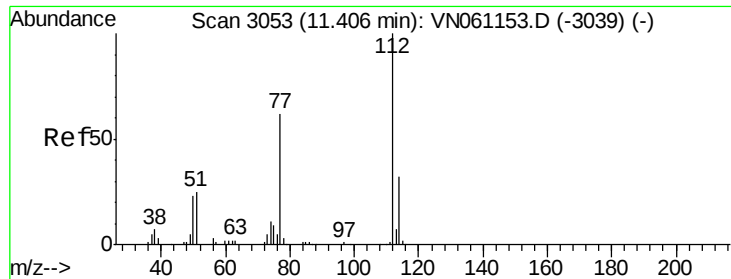
#64
Tetrachloroethene
Concen: 46.615 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion:164 Resp: 74141
Ion Ratio Lower Upper
164 100
166 129.4 102.0 153.0
129 99.1 78.2 117.2
131 94.6 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: 51.585 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

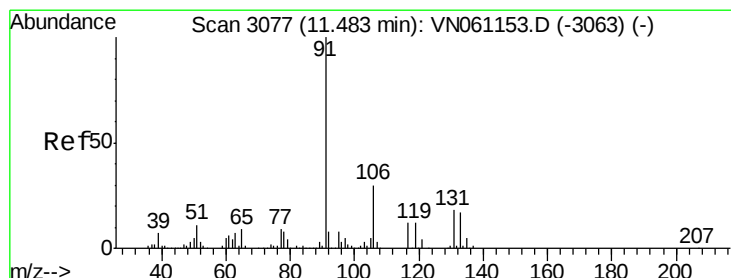
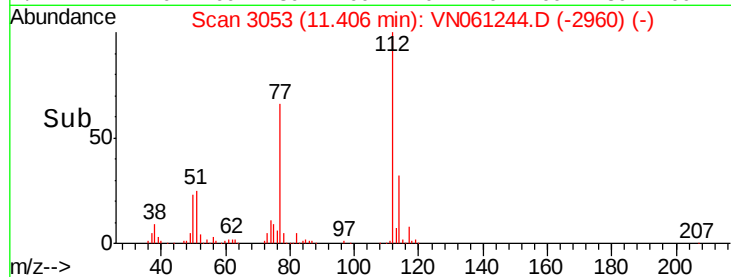
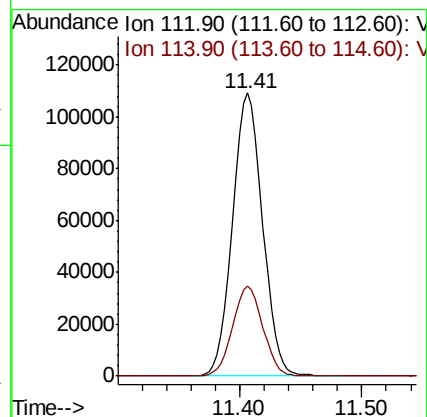
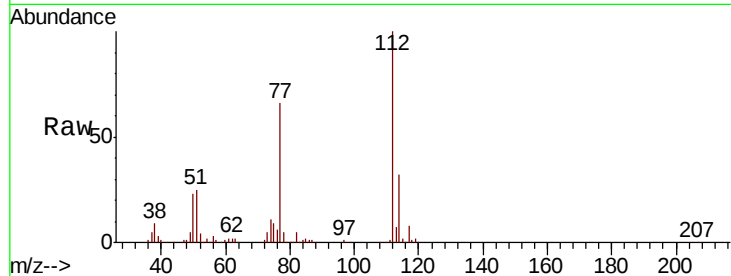
ClientSampleId :

Tot Ion:112 Resp: 187909

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.324 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

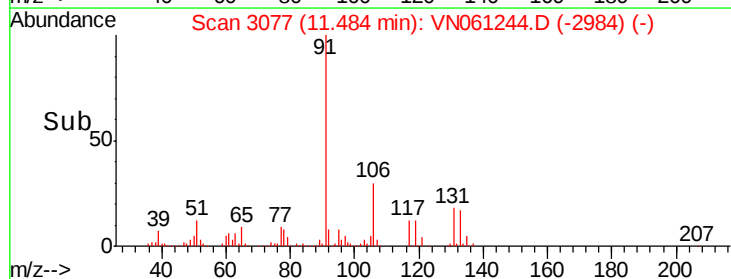
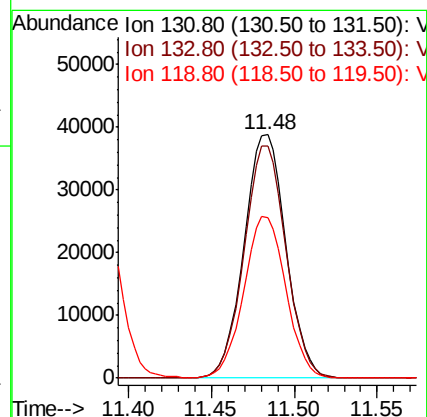
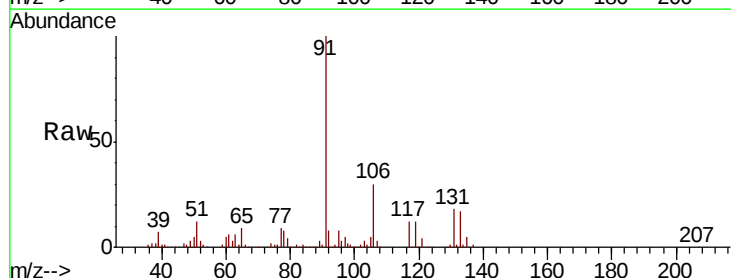
Tgt Ion:131 Resp: 68218

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

119 66.5 32.6 97.8





#67

Ethyl Benzene

Concen: 52.767 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

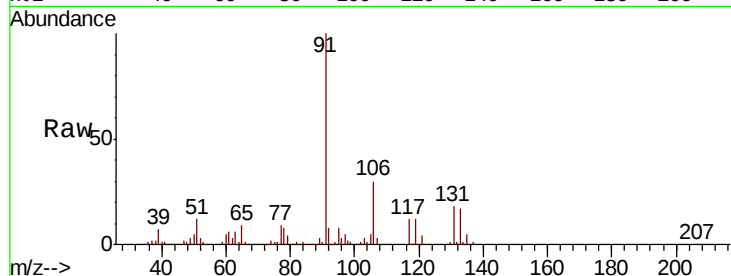
ClientSampled :

Tot Ion: 91 Resp: 359822

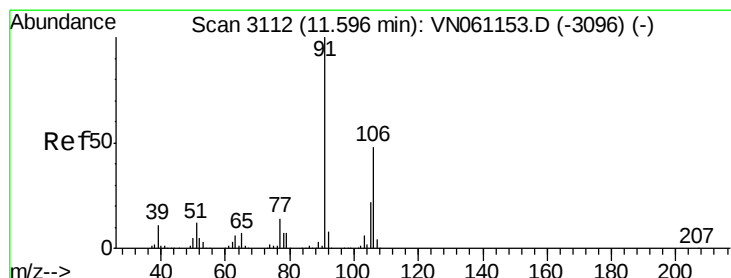
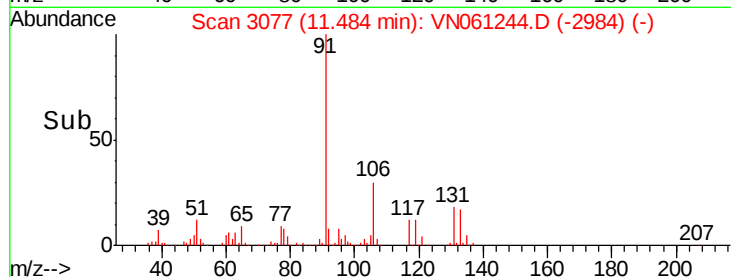
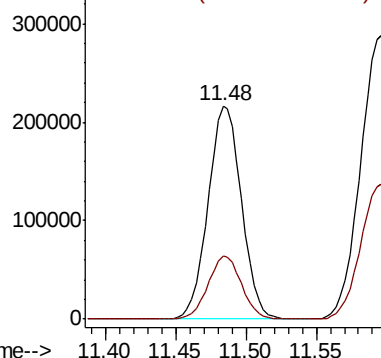
Ion Ratio Lower Upper

91 100

106 29.6 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 105.156 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061244.D

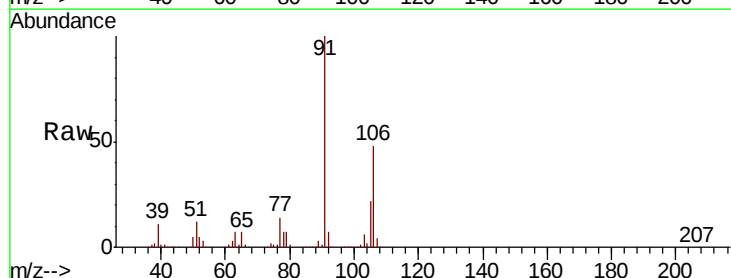
Acq: 1 May 2020 20:32

Tgt Ion: 106 Resp: 262470

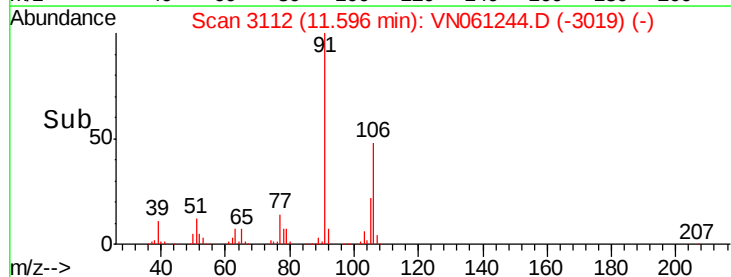
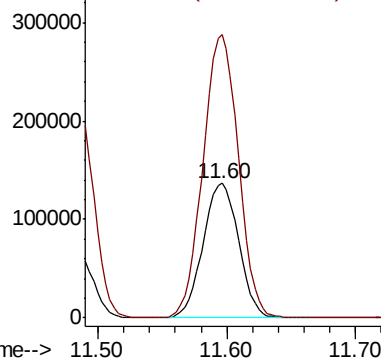
Ion Ratio Lower Upper

106 100

91 208.8 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

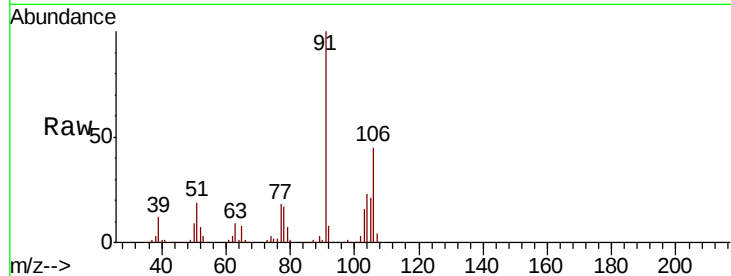




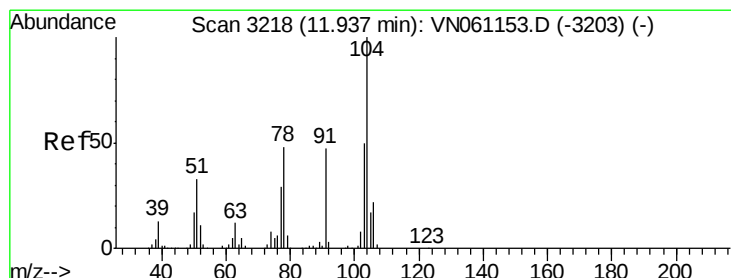
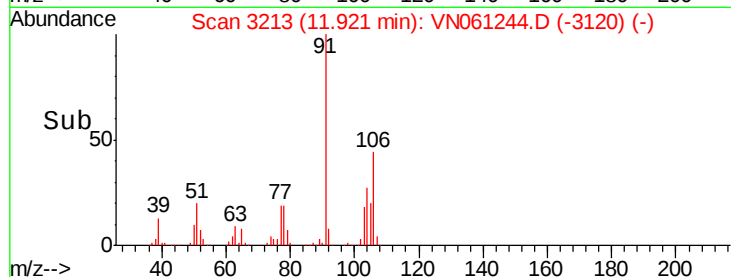
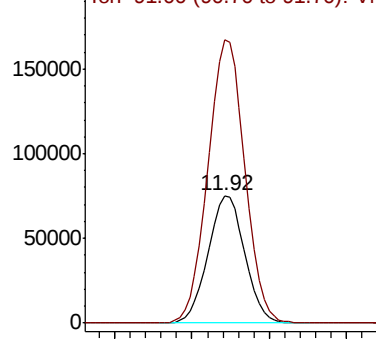
#69
o-Xylene
Concen: 51.561 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 123622
Ion Ratio Lower Upper
106 100
91 224.3 109.7 329.0

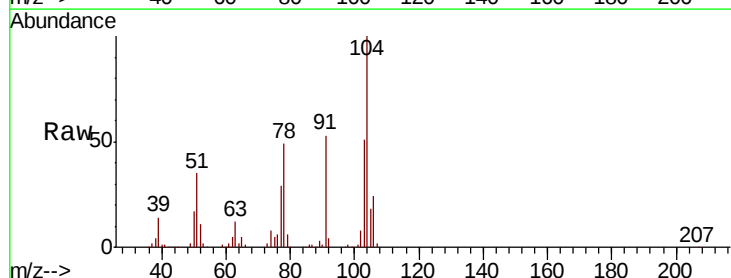


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

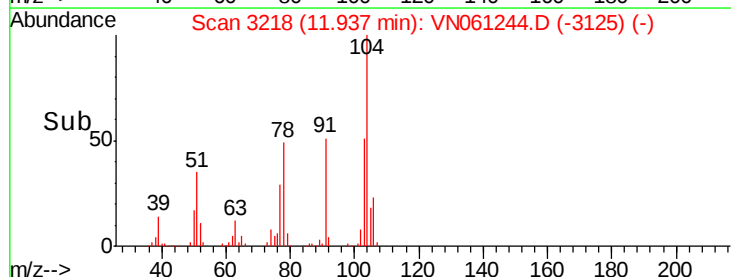
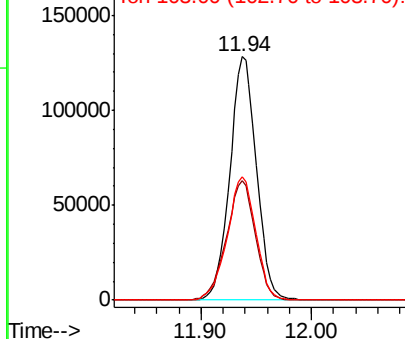


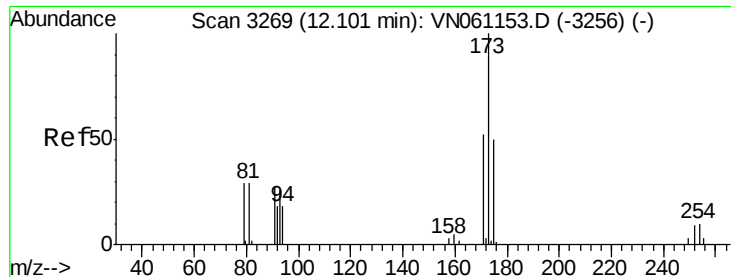
#70
Styrene
Concen: 53.364 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion:104 Resp: 214139
Ion Ratio Lower Upper
104 100
78 53.4 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): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.231 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

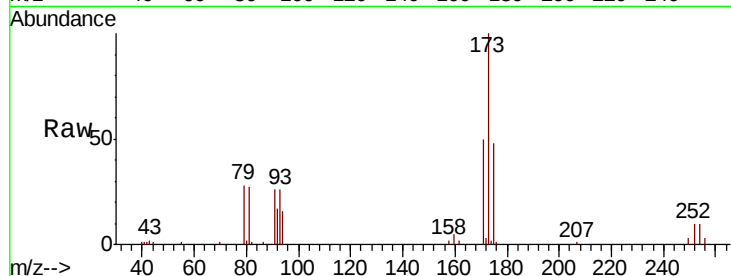
Tot Ion:173 Resp: 51964

Ion Ratio Lower Upper

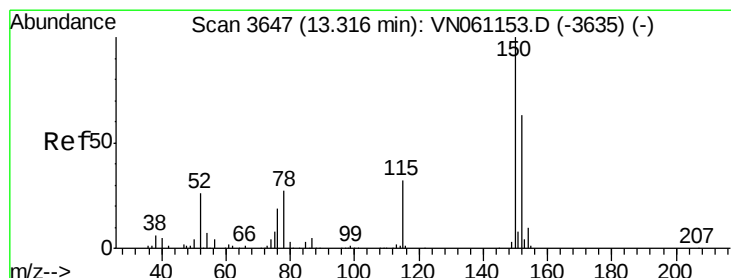
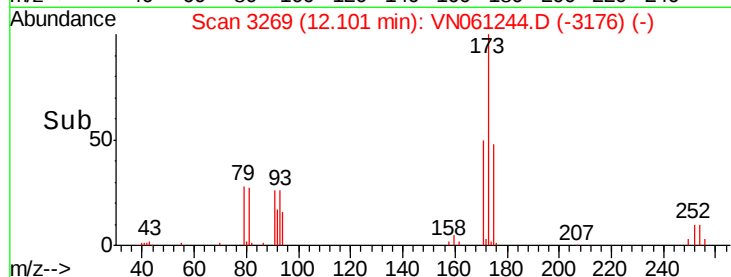
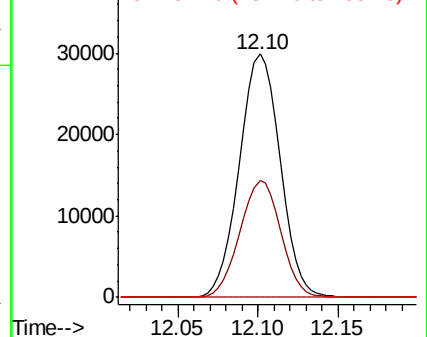
173 100

175 48.2 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# 3648

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

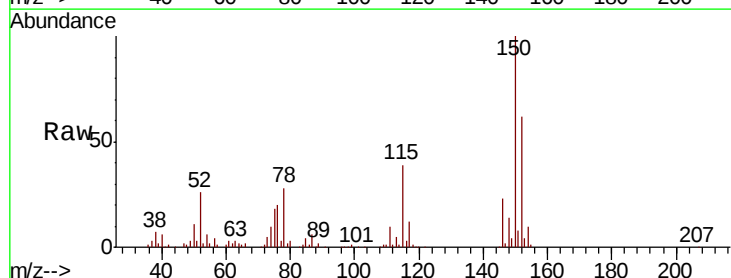
Tgt Ion:152 Resp: 87775

Ion Ratio Lower Upper

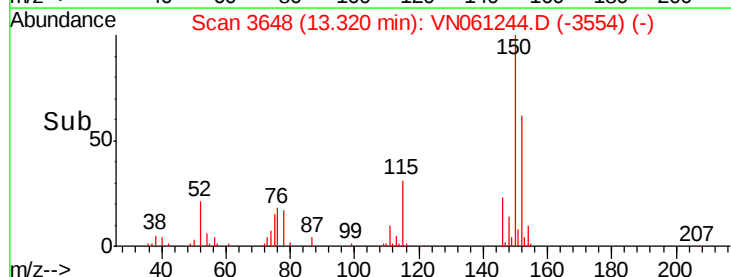
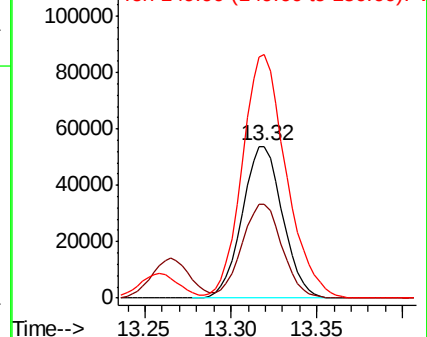
152 100

115 62.4 31.0 93.0

150 174.5 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: 52.749 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

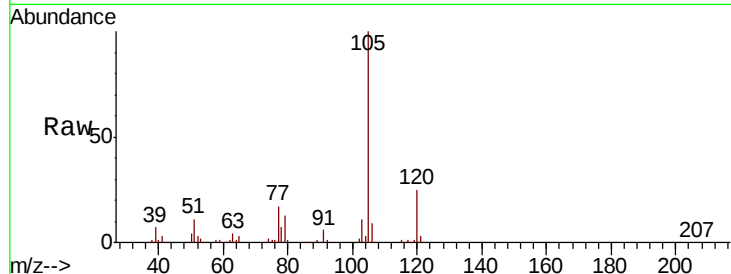
ClientSampleId :

Tot Ion:105 Resp: 340378

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

200000

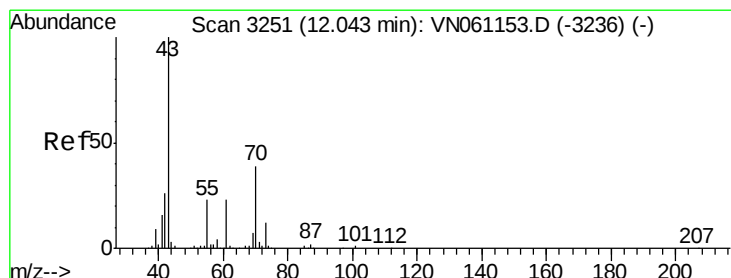
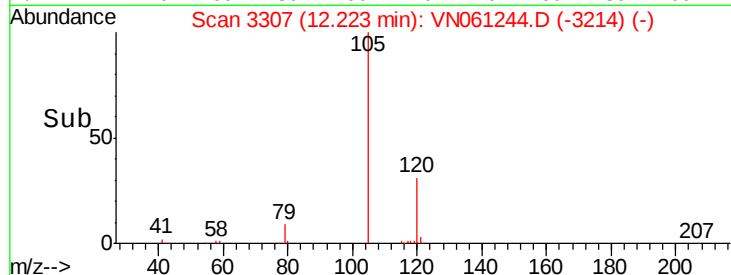
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 54.768 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Tgt Ion: 43 Resp: 178957

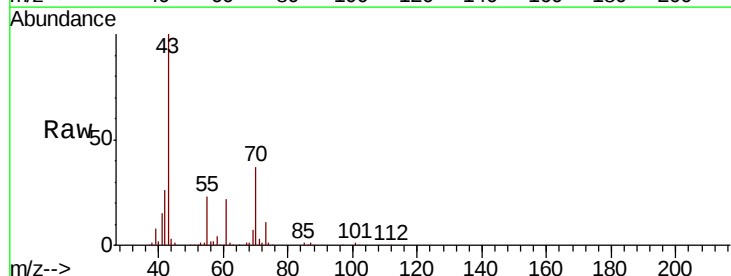
Ion Ratio Lower Upper

43 100

70 37.8 30.6 46.0

55 23.5 18.5 27.7

61 21.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

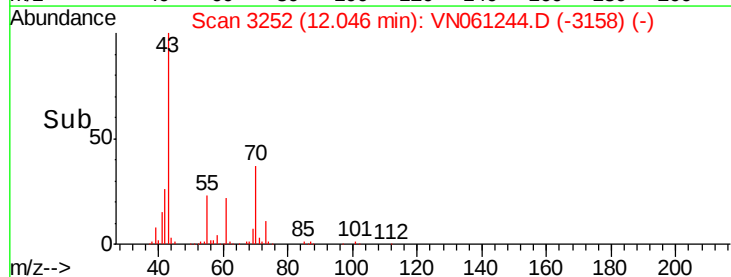
150000

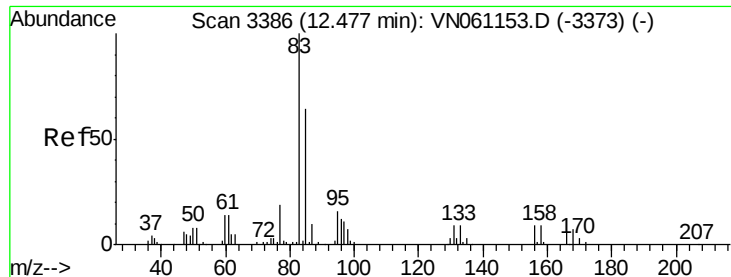
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.939 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

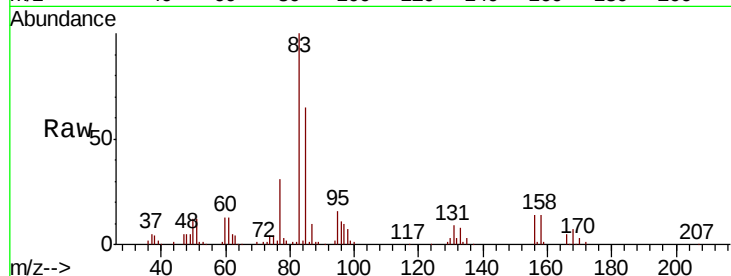
Tot Ion: 83 Resp: 108528

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

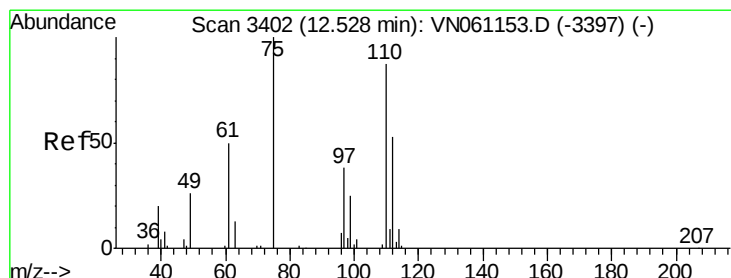
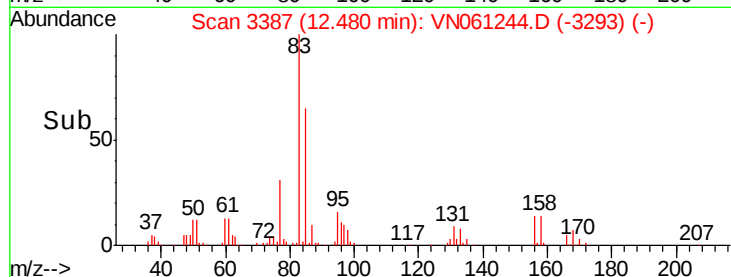
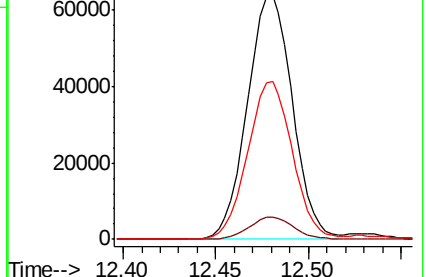
85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 79.733 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061244.D

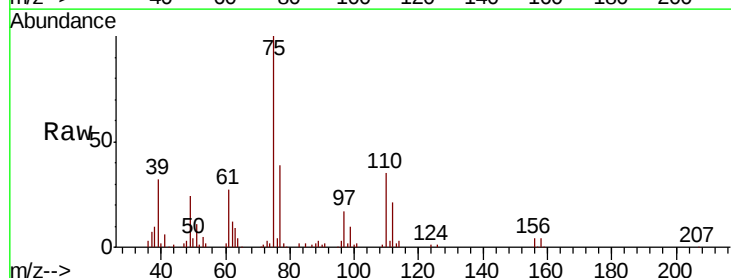
Acq: 1 May 2020 20:32

Tgt Ion: 75 Resp: 147549

Ion Ratio Lower Upper

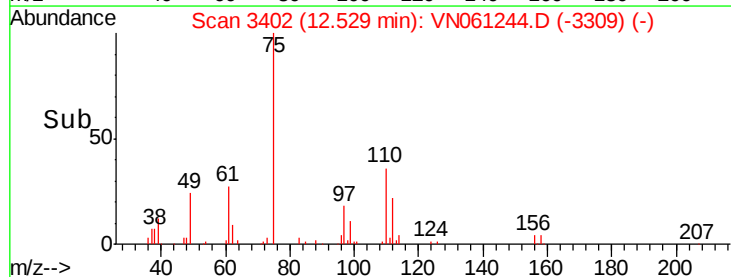
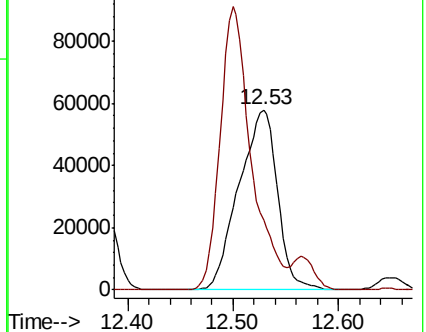
75 100

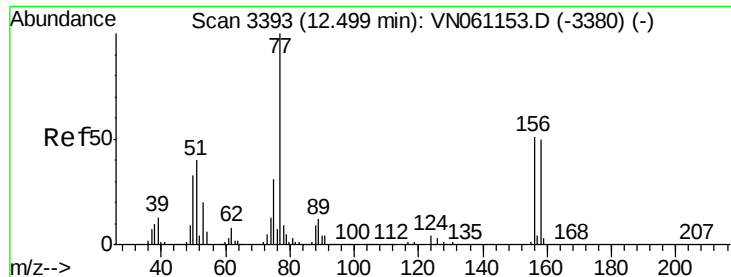
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)





#77

Bromobenzene

Concen: 51.776 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampled :

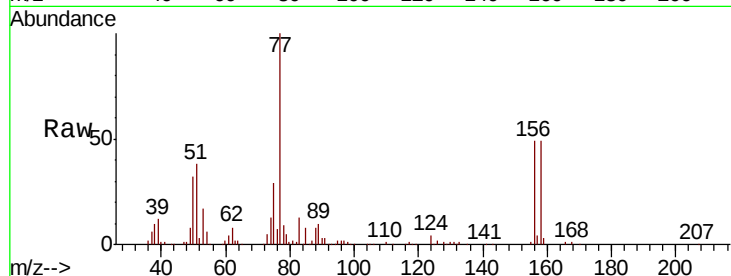
Tot Ion:156 Resp: 77124

Ion Ratio Lower Upper

156 100

77 242.8 117.4 352.2

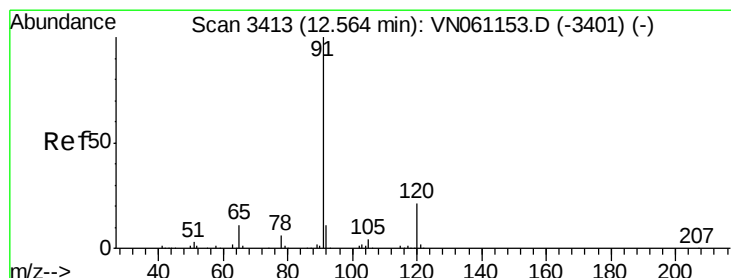
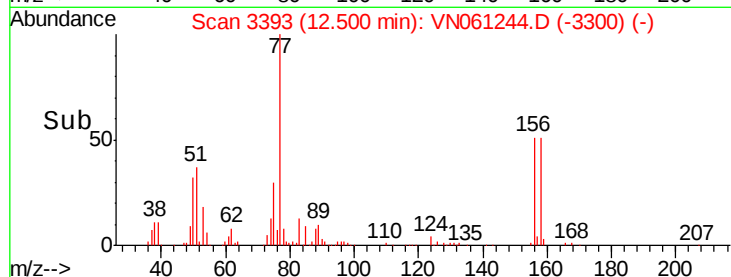
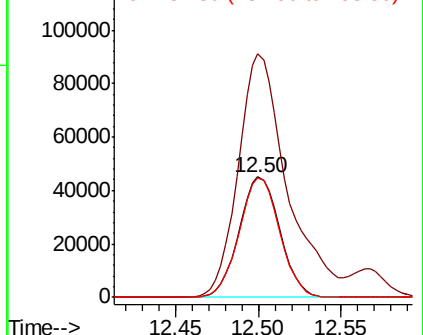
158 98.7 48.4 145.0



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: 53.727 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061244.D

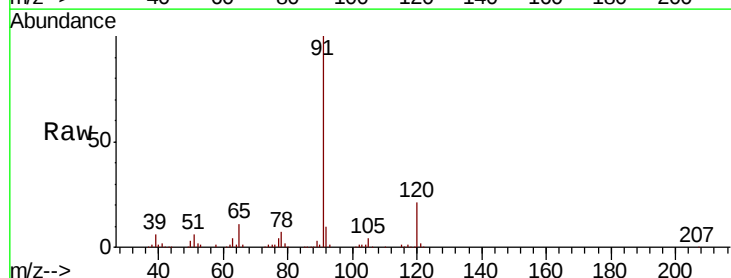
Acq: 1 May 2020 20:32

Tgt Ion: 91 Resp: 411209

Ion Ratio Lower Upper

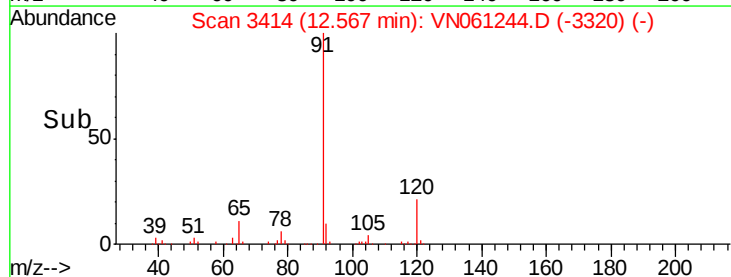
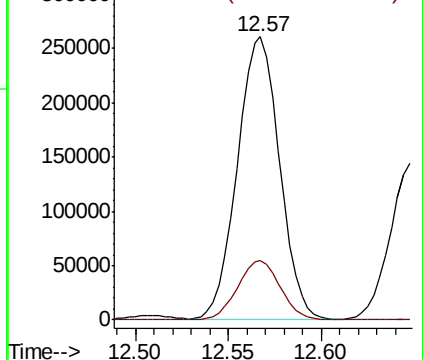
91 100

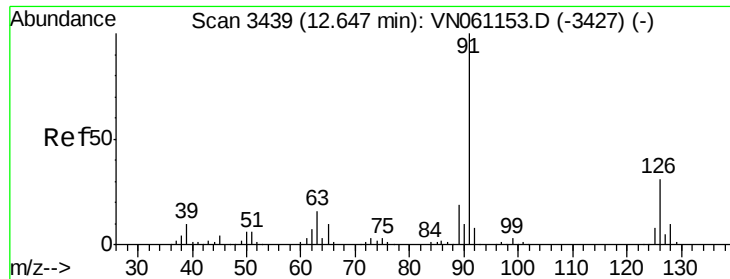
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

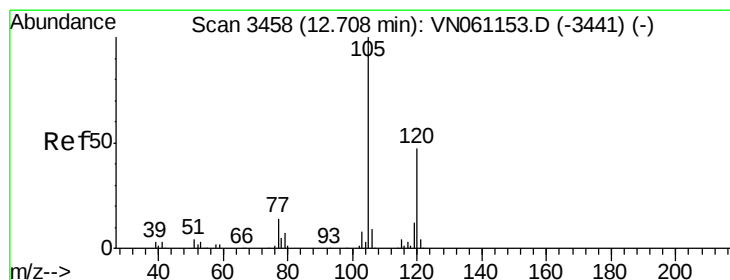
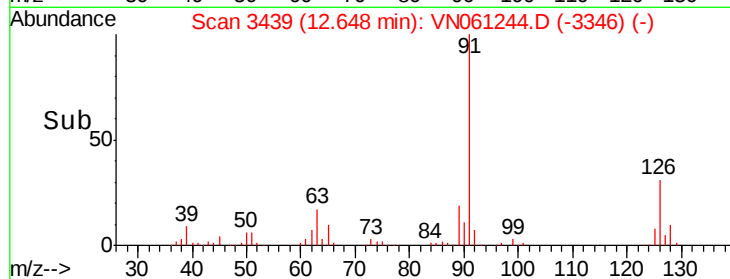
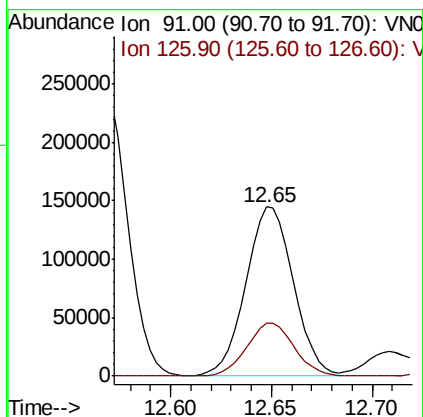
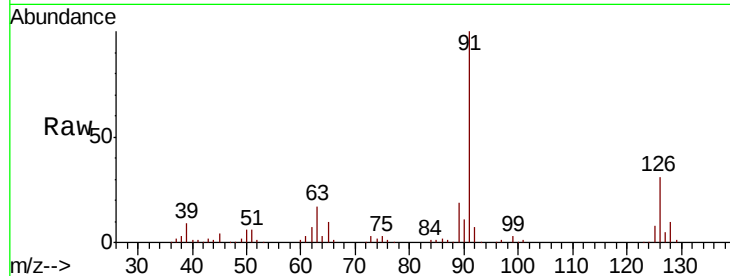




#79
 2-Chlorotoluene
 Concen: 52.960 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

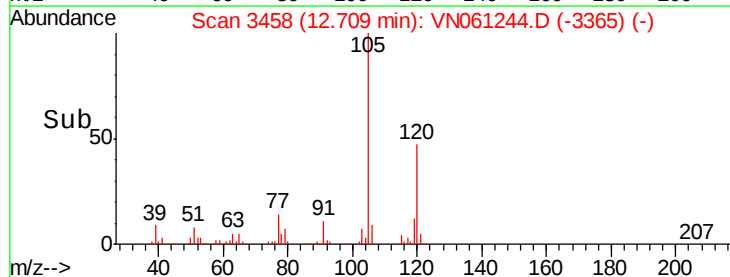
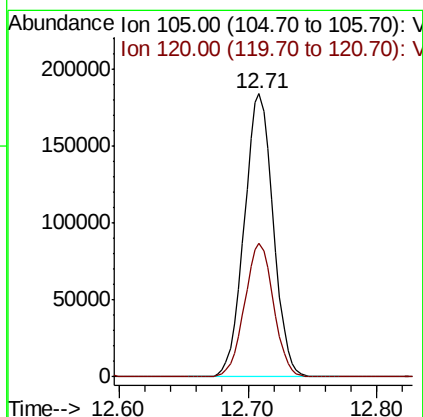
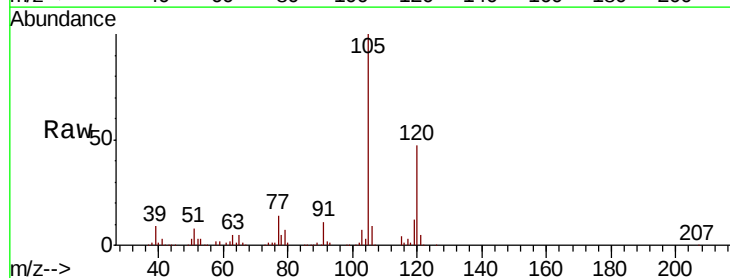
Instrument :
 MSVOA_N
 ClientSampled :

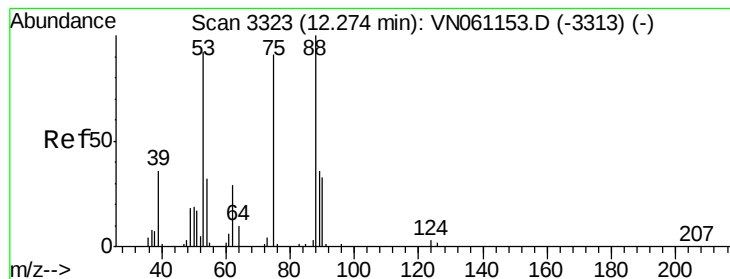
Tot Ion: 91 Resp: 238247
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.921 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion: 105 Resp: 287976
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.033 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

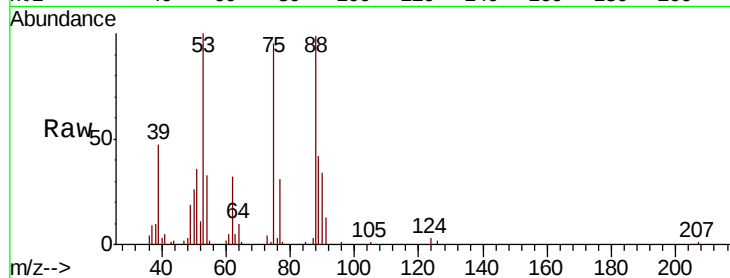
Tot Ion: 75 Resp: 37917

Ion Ratio Lower Upper

75 100

53 105.2 84.1 126.1

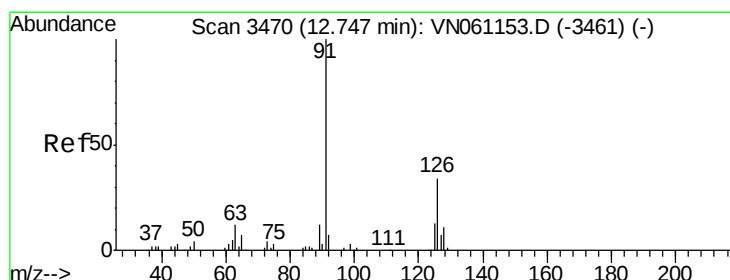
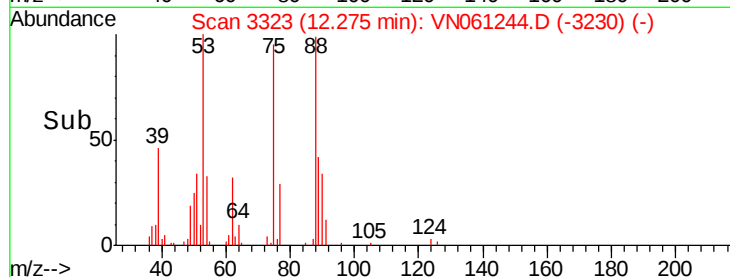
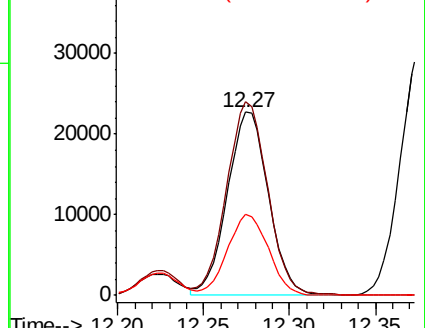
89 43.8 35.2 52.8



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: 52.737 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061244.D

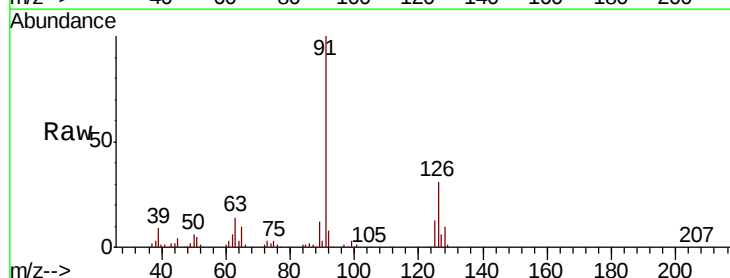
Acq: 1 May 2020 20:32

Tgt Ion: 91 Resp: 250046

Ion Ratio Lower Upper

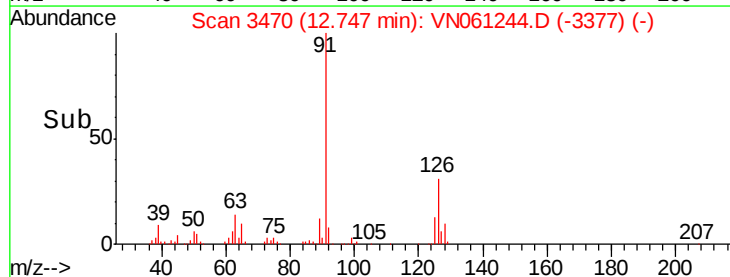
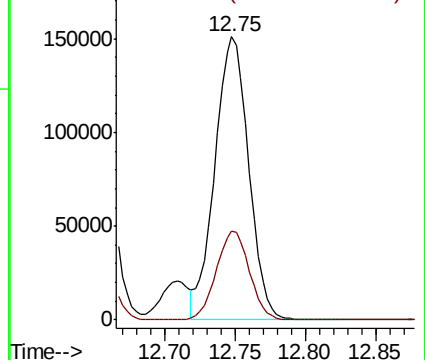
91 100

126 30.8 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) (-)

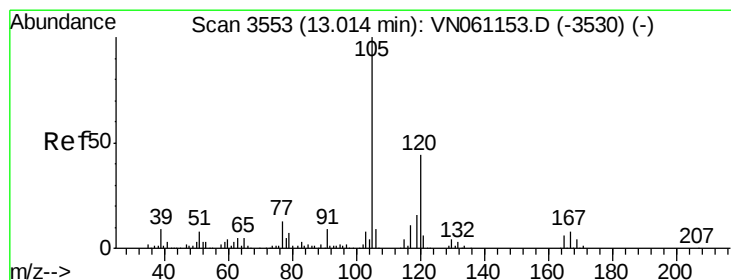
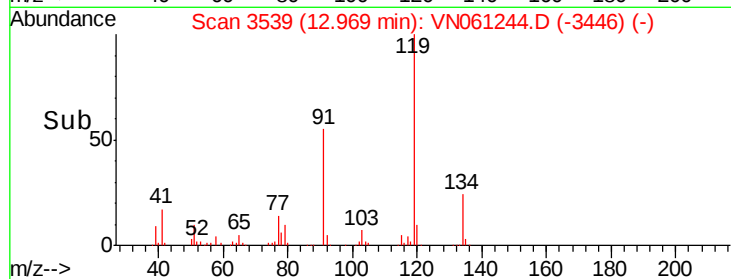
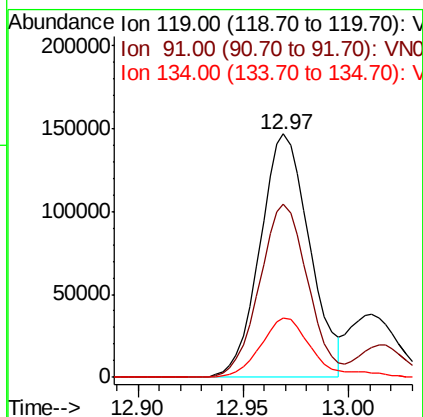
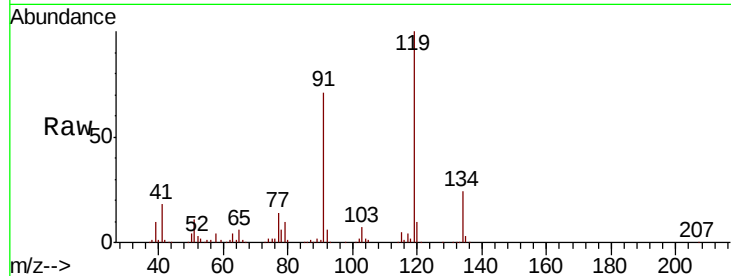




#83
 tert-Butylbenzene
 Concen: 53.280 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

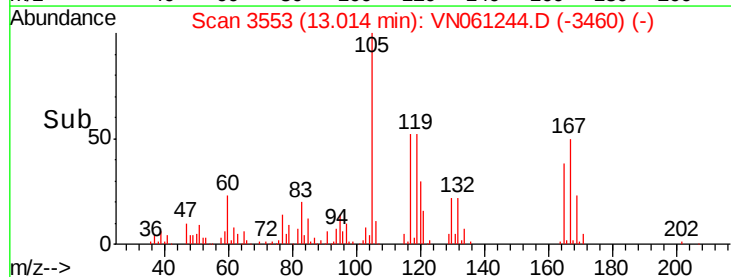
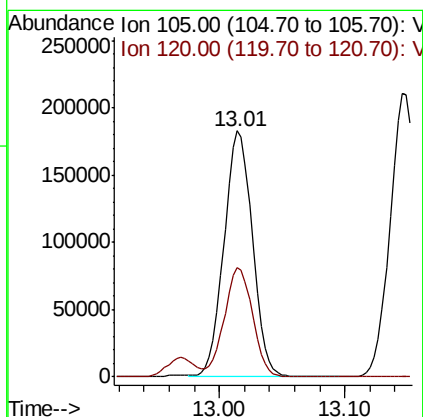
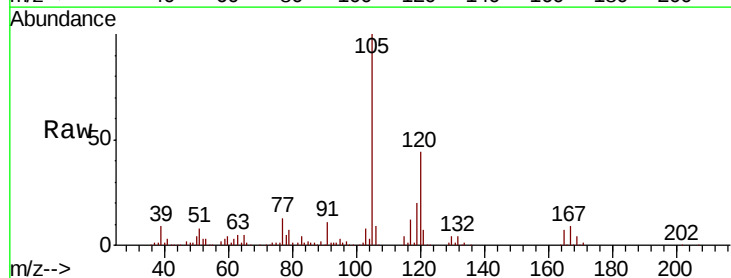
Instrument :
 MSVOA_N
 ClientSampleId :

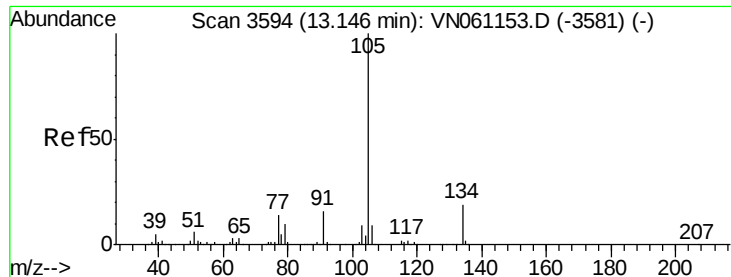
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	34.8	104.4
134	25.5	12.9	38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.258 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.2	66.6

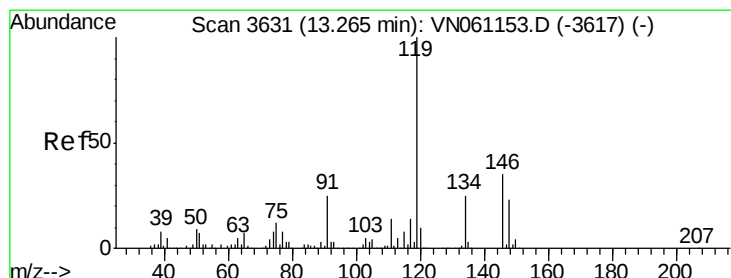
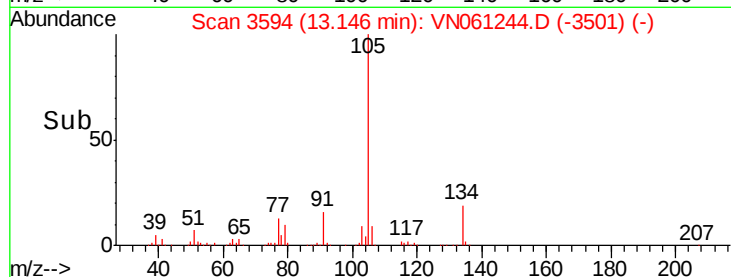
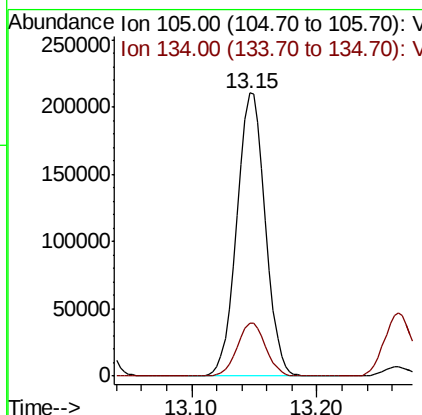
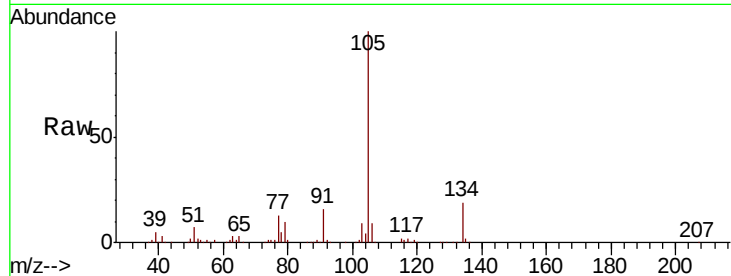




#85
 sec-Butylbenzene
 Concen: 53.972 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

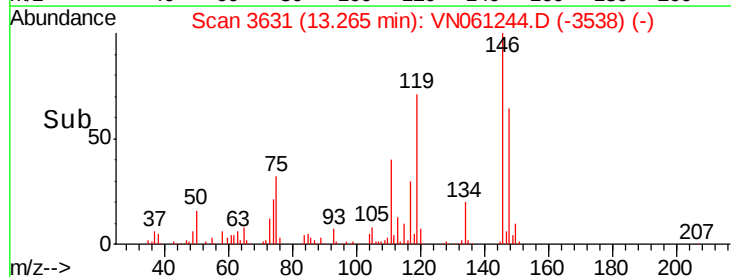
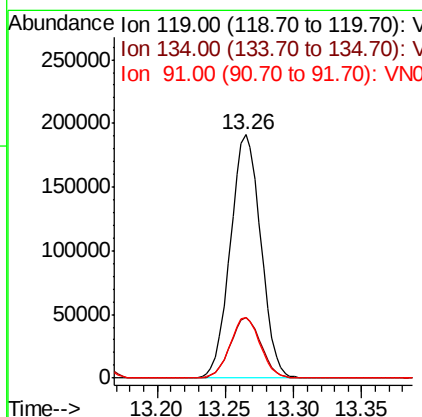
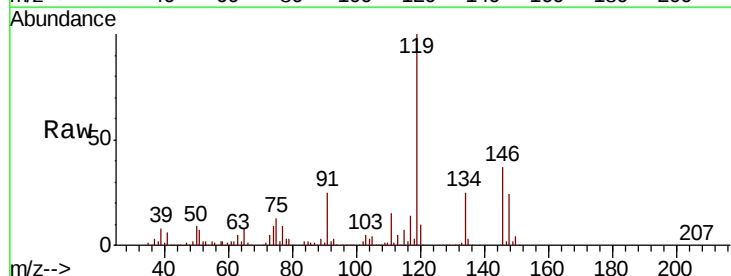
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:105 Resp: 331375
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 53.613 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion:119 Resp: 296573
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.6
 91 24.8 12.7 38.0

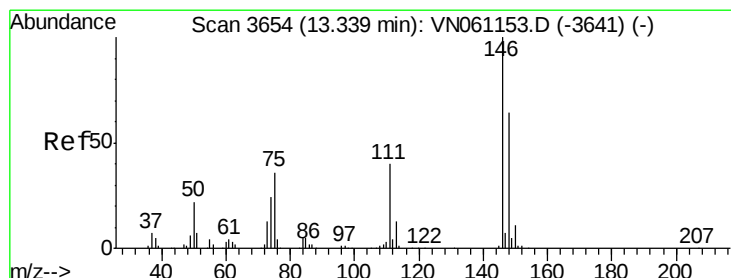
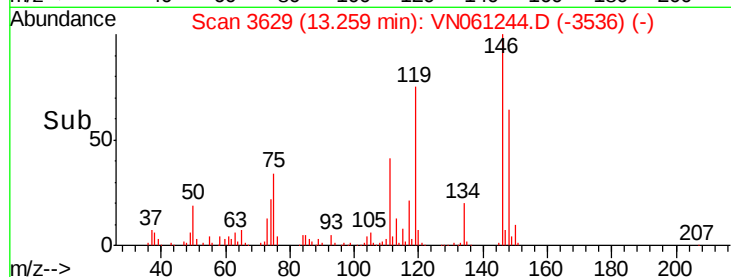
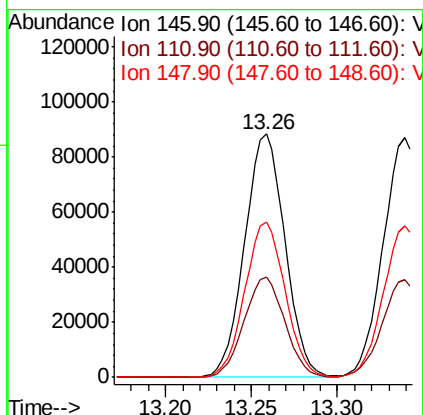
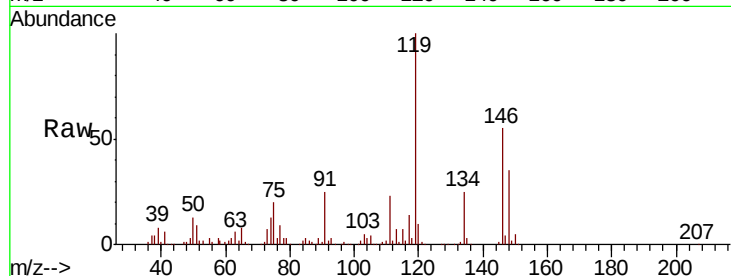




#87
 1,3-Dichlorobenzene
 Concen: 52.556 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

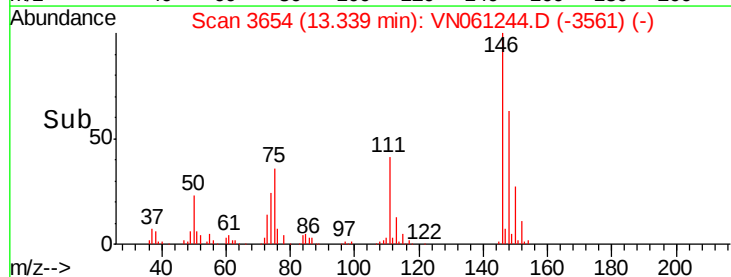
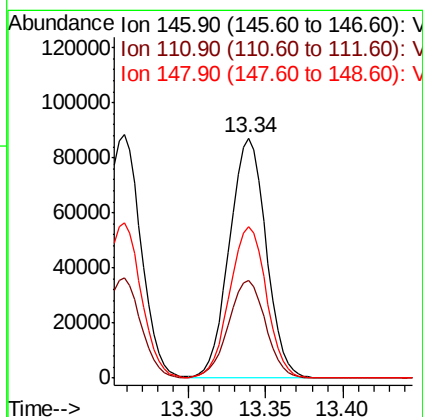
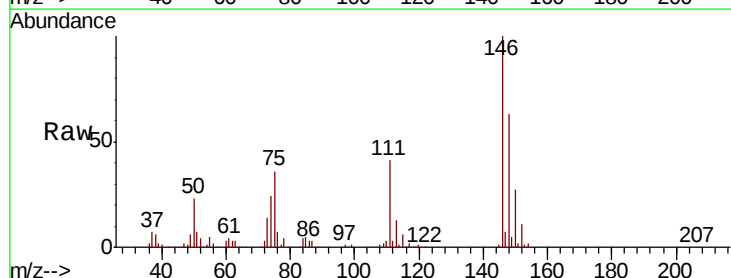
Instrument :
 MSVOA_N
 ClientSampled :

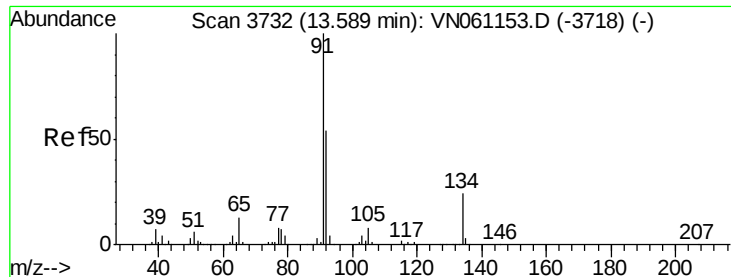
Tot Ion:146 Resp: 144120
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.322 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion:146 Resp: 143795
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 63.3 31.9 95.7

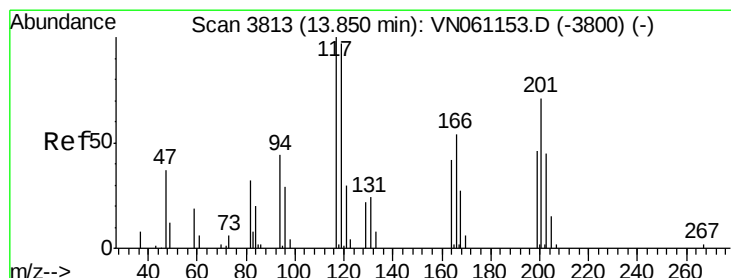
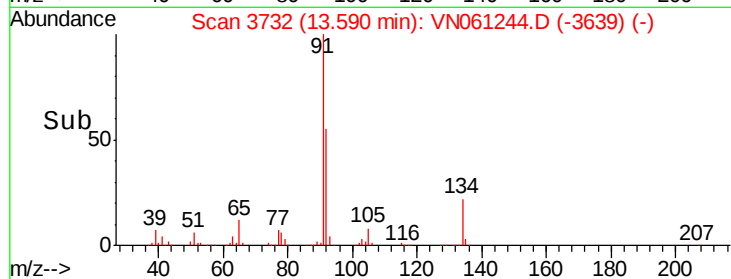
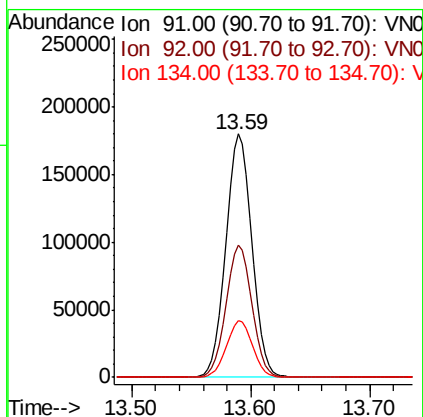
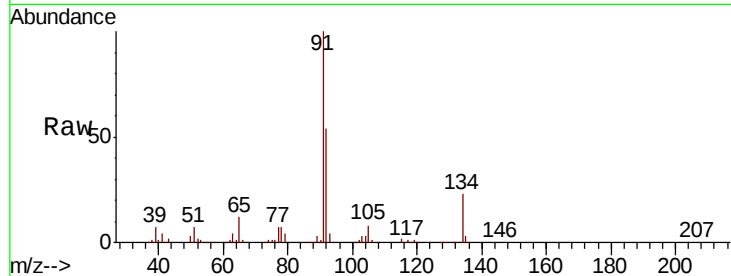




#89
n-Butylbenzene
Concen: 53.909 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

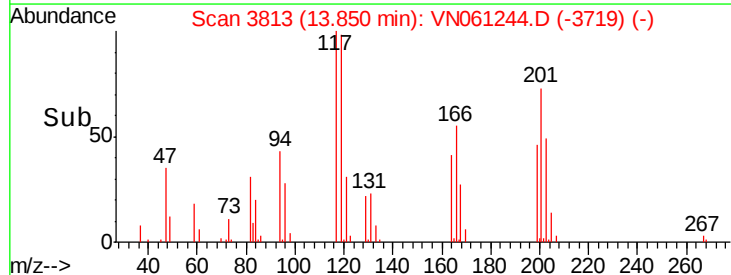
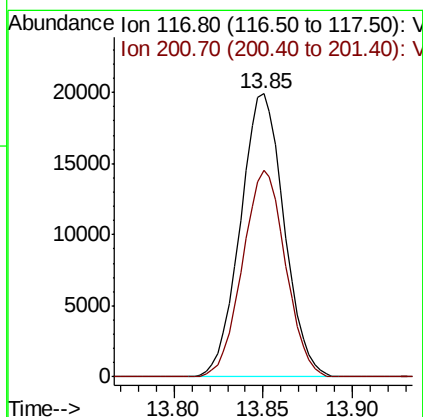
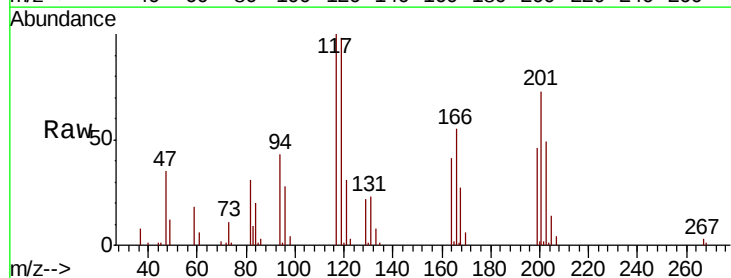
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 273383
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 23.3 11.9 35.5



#90
Hexachloroethane
Concen: 57.701 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion: 117 Resp: 34093
Ion Ratio Lower Upper
117 100
201 71.6 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 52.793 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

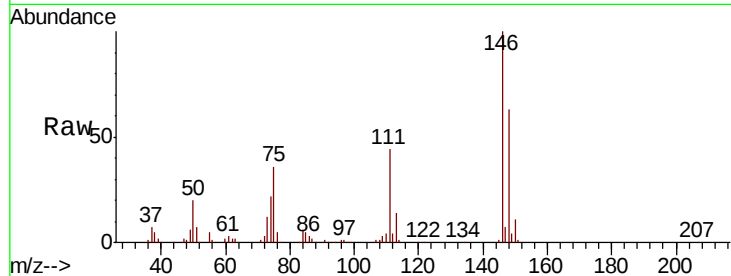
Tot Ion:146 Resp: 138810

Ion Ratio Lower Upper

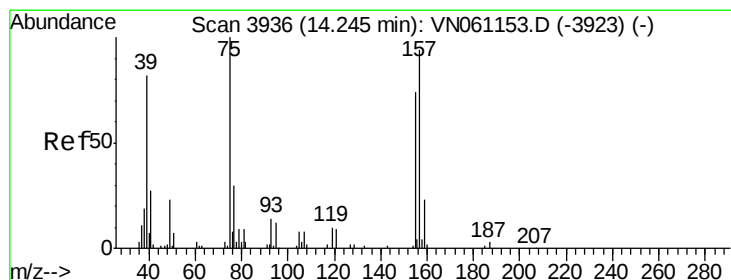
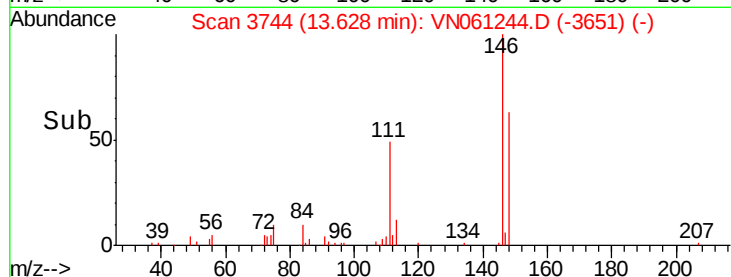
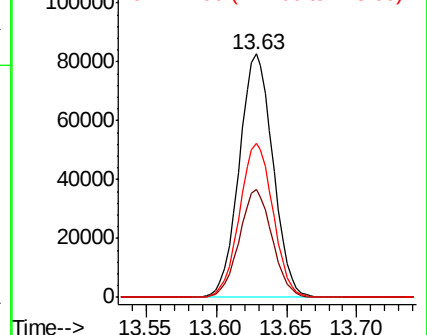
146 100

111 43.1 21.8 65.3

148 62.7 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: 52.018 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061244.D

Acq: 1 May 2020 20:32

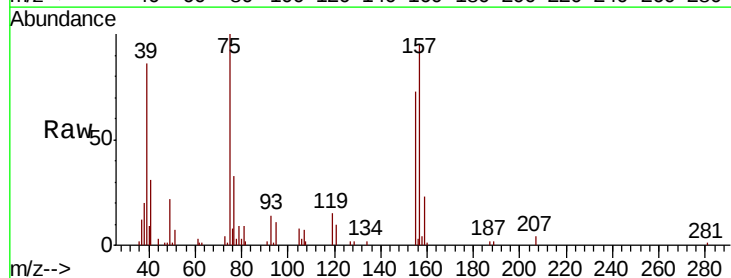
Tgt Ion: 75 Resp: 22105

Ion Ratio Lower Upper

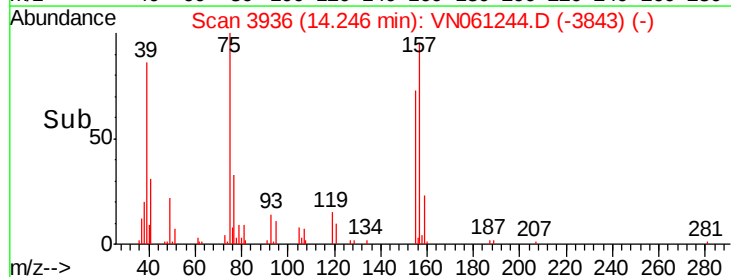
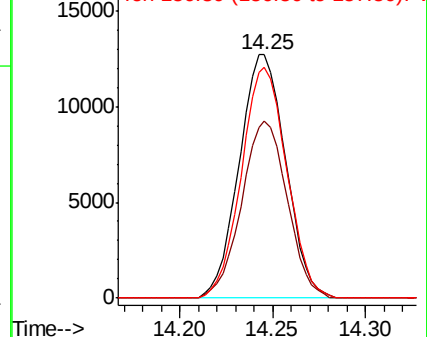
75 100

155 71.3 36.5 109.7

157 92.6 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

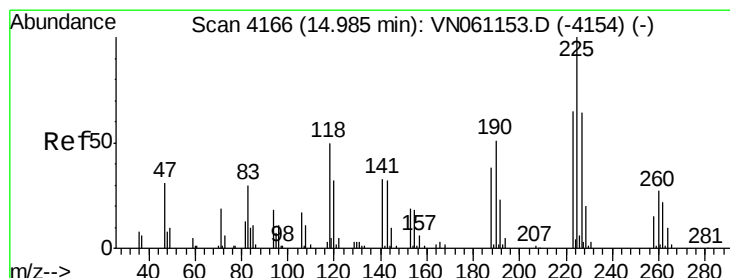
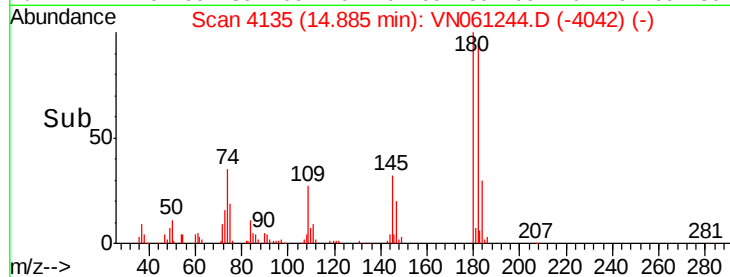
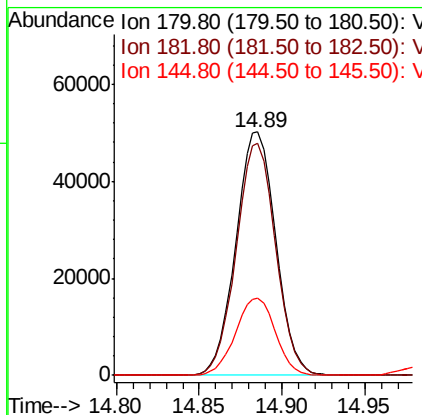
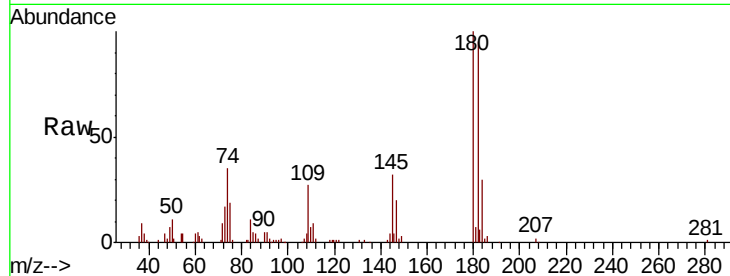




#93
 1,2,4-Trichlorobenzene
 Concen: 52.426 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

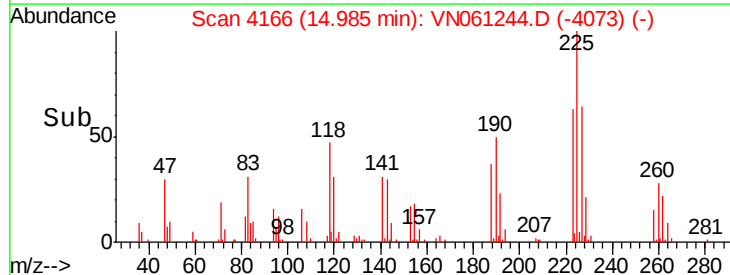
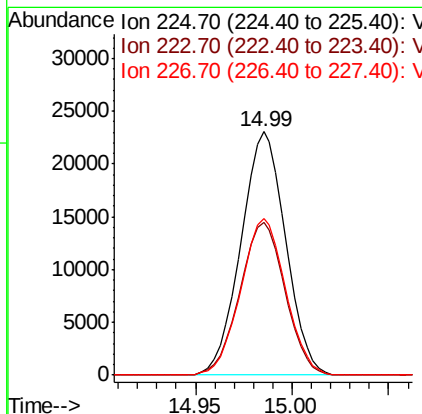
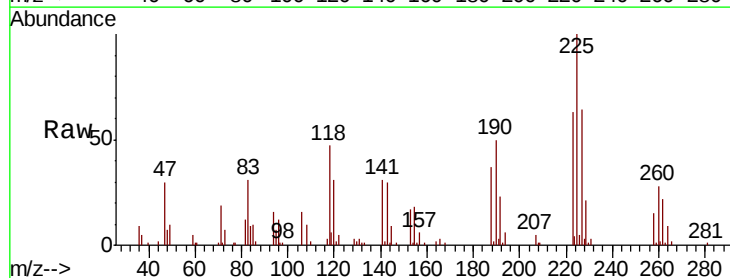
Instrument :
 MSVOA_N
 ClientSampleId :

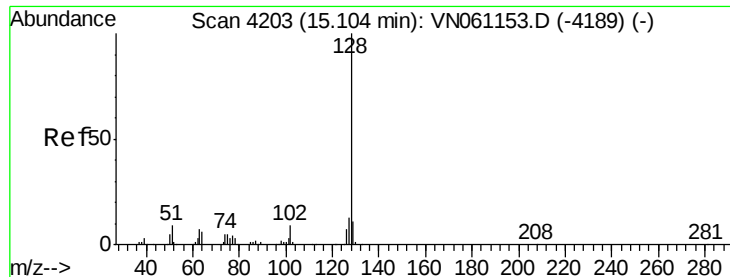
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.9
145	31.7	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 55.382 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061244.D
 Acq: 1 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.4	97.0
227	64.4	32.4	97.0

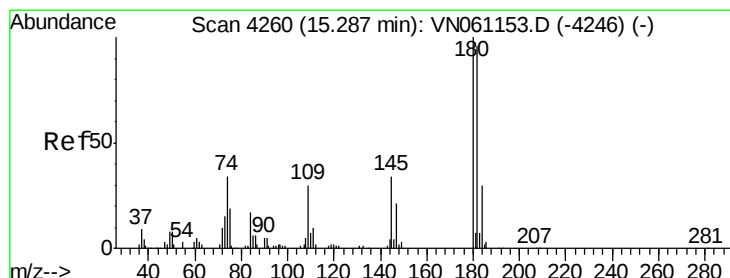
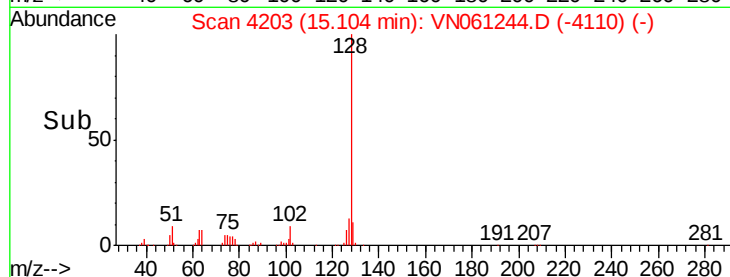
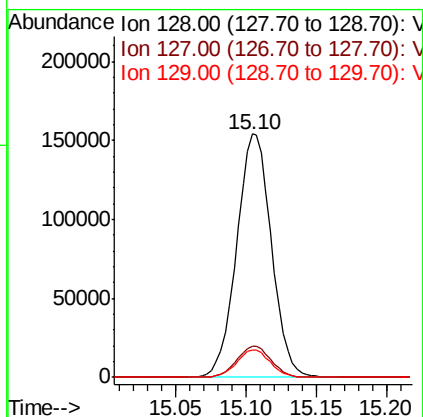
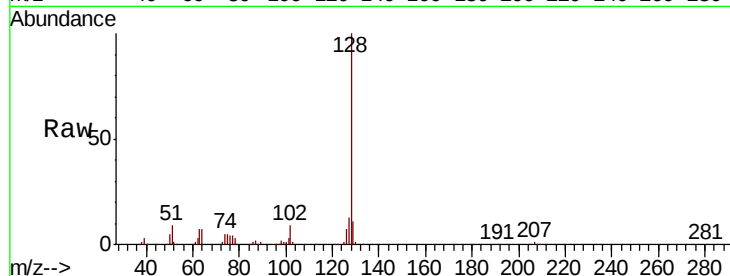




#95
Naphthalene
Concen: 51.011 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 265989
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.565 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061244.D
Acq: 1 May 2020 20:32

Tgt Ion:180 Resp: 83095
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.5
145 33.5 16.9 50.7

