

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061268.D
 Acq On : 4 May 2020 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 03:39:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	125805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	210530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	197581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	100001	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.54	113	58322	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.06	98	270965	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.37	95	102395	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	70301	52.697	ug/l	99
3) Chloromethane	2.03	50	96202	59.541	ug/l	99
4) Vinyl Chloride	2.16	62	103937	56.637	ug/l	100
5) Bromomethane	2.53	94	43833	48.321	ug/l	98
6) Chloroethane	2.67	64	62863	54.044	ug/l	99
7) Trichlorofluoromethane	2.98	101	125160	60.451	ug/l	98
8) Diethyl Ether	3.37	74	51775	59.953	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74642	55.960	ug/l	99
10) Methyl Iodide	3.91	142	81359	47.462	ug/l	99
11) Tert butyl alcohol	4.73	59	67246	252.180	ug/l	99
12) 1,1-Dichloroethene	3.69	96	71092	53.559	ug/l	98
13) Acrolein	3.56	56	31369	176.525	ug/l	98
14) Allyl chloride	4.27	41	156099	63.426	ug/l	98
15) Acrylonitrile	4.92	53	236406	288.802	ug/l	99
16) Acetone	3.77	43	227252	296.204	ug/l	99
17) Carbon Disulfide	4.00	76	171252	46.706	ug/l	99
18) Methyl Acetate	4.27	43	123946	49.335	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	275390	54.297	ug/l	99
20) Methylene Chloride	4.49	84	83707	53.928	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	79144	54.757	ug/l	100
22) Diisopropyl ether	5.89	45	326921	57.282	ug/l	99
23) Vinyl Acetate	5.83	43	1313802	285.901	ug/l	100
24) 1,1-Dichloroethane	5.79	63	163743	54.912	ug/l	100
25) 2-Butanone	6.78	43	338615	287.470	ug/l	100
26) 2,2-Dichloropropane	6.77	77	145098	57.771	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	92239	54.381	ug/l	99
28) Bromochloromethane	7.15	49	71356	50.487	ug/l	96
29) Tetrahydrofuran	7.16	42	220628	278.055	ug/l	98
30) Chloroform	7.32	83	159451	52.766	ug/l	100
31) Cyclohexane	7.61	56	146265	50.508	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	137377	52.207	ug/l	100
36) 1,1-Dichloropropene	7.75	75	120303	57.083	ug/l	100
37) Ethyl Acetate	6.87	43	140609	56.911	ug/l	99
38) Carbon Tetrachloride	7.73	117	105246	54.518	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	134499	56.907	ug/l	99
40) Benzene	8.00	78	348475	55.500	ug/l	100
41) Methacrylonitrile	7.12	41	65471	63.823	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	132815	55.837	ug/l	99
43) Isopropyl Acetate	8.12	43	233446	56.932	ug/l	100
44) Trichloroethene	8.80	130	89369	52.653	ug/l	99
45) 1,2-Dichloropropane	9.08	63	96314	57.418	ug/l	99
46) Dibromomethane	9.17	93	59029	56.834	ug/l	99
47) Bromodichloromethane	9.36	83	128221	57.517	ug/l	100
48) Methyl methacrylate	9.16	41	107407	58.048	ug/l	99
49) 1,4-Dioxane	9.16	88	20385	970.560	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	705561	292.332	ug/l	100
52) Toluene	10.12	92	216286	57.190	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	146272	58.231	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	154041	58.006	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	84050	55.718	ug/l	99
56) Ethyl methacrylate	10.40	69	138150	52.416	ug/l	99
57) 1,3-Dichloropropane	10.68	76	152899	57.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	223788	183.276	ug/l	99
59) 2-Hexanone	10.72	43	528343	300.894	ug/l	100
60) Dibromochloromethane	10.87	129	89368	56.565	ug/l	100
61) 1,2-Dibromoethane	10.98	107	84922	56.167	ug/l	100
64) Tetrachloroethene	10.60	164	88422	51.670	ug/l	98
65) Chlorobenzene	11.40	112	219275	55.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	81687	58.233	ug/l	98
67) Ethyl Benzene	11.48	91	423445	57.714	ug/l	100
68) m/p-Xylenes	11.59	106	310592	115.653	ug/l	98
69) o-Xylene	11.92	106	146498	56.790	ug/l	98
70) Styrene	11.94	104	251811	58.323	ug/l	99
71) Bromoform	12.10	173	60512	58.695	ug/l #	99
73) Isopropylbenzene	12.22	105	404025	56.750	ug/l	100
74) N-amyl acetate	12.04	43	208352	57.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	123282	55.534	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	173711	85.081	ug/l #	100
77) Bromobenzene	12.50	156	91198	55.491	ug/l	98
78) n-propylbenzene	12.56	91	490210	58.052	ug/l	99
79) 2-Chlorotoluene	12.65	91	279273	56.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	341716	57.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	47573	59.171	ug/l	99
82) 4-Chlorotoluene	12.75	91	299564	57.264	ug/l	99
83) tert-Butylbenzene	12.97	119	283090	56.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	343038	56.506	ug/l	99
85) sec-Butylbenzene	13.15	105	394008	58.165	ug/l	99
86) p-Isopropyltoluene	13.26	119	356006	58.330	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	169139	55.905	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	170253	55.075	ug/l	100
89) n-Butylbenzene	13.59	91	340200	60.803	ug/l	100
90) Hexachloroethane	13.85	117	40636	61.723	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	161489	55.667	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25195	53.738	ug/l	99

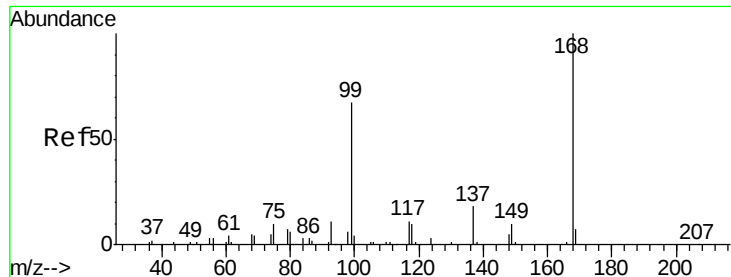
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	102112	57.803	ug/l	100
94) Hexachlorobutadiene	14.99	225	46611	63.158	ug/l	97
95) Naphthalene	15.10	128	313562	54.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	99200	56.877	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

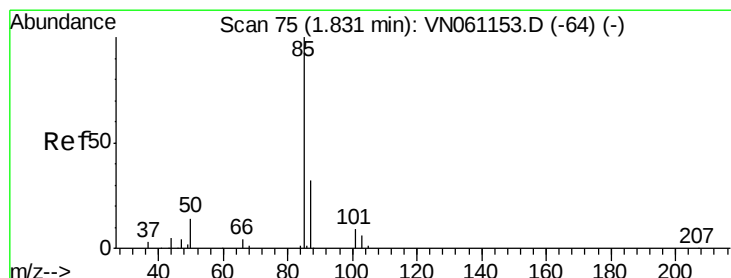
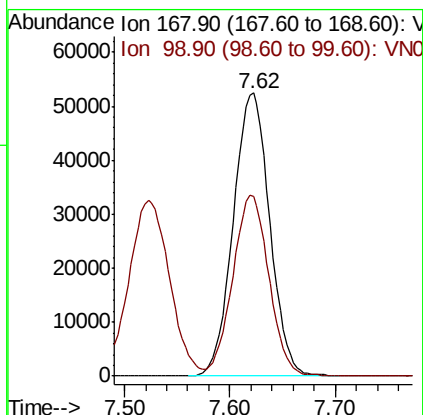
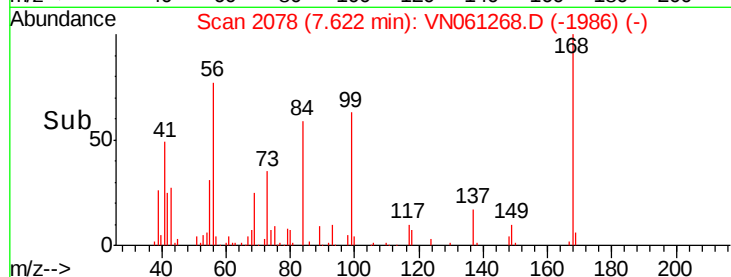
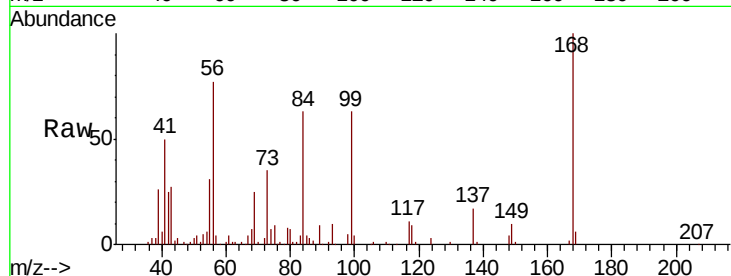
ClientSampled :

Tot Ion:168 Resp: 125805

Ion Ratio Lower Upper

168 100

99 63.3 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 52.697 ug/l

RT: 1.83 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN061268.D

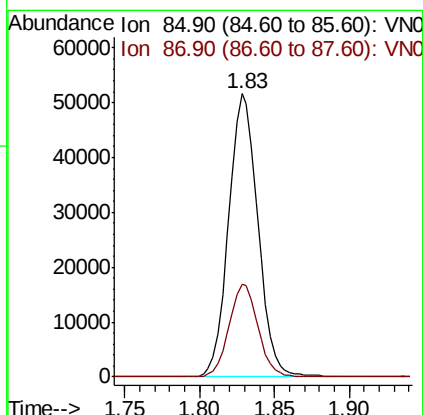
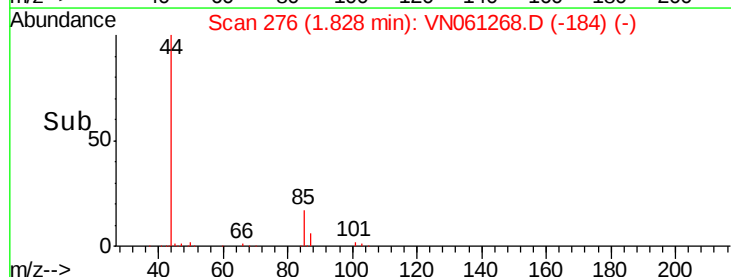
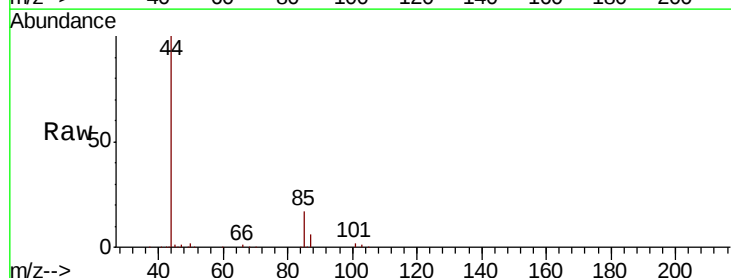
Acq: 4 May 2020 10:44

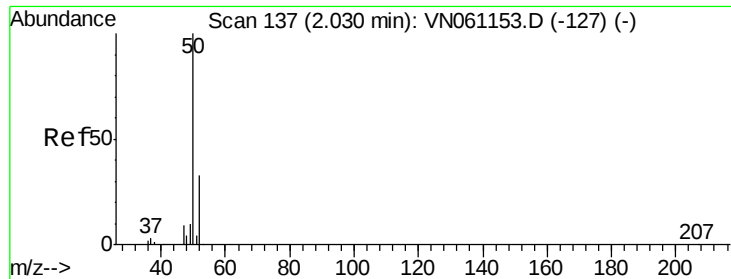
Tgt Ion: 85 Resp: 70301

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2





#3

Chloromethane

Concen: 59.541 ug/l

RT: 2.03 min Scan# 339

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

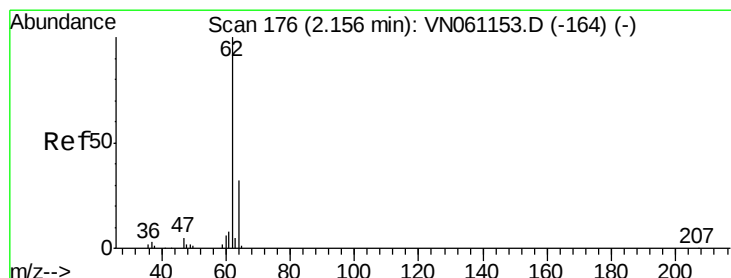
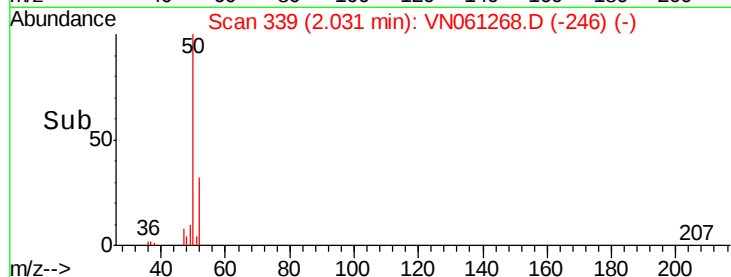
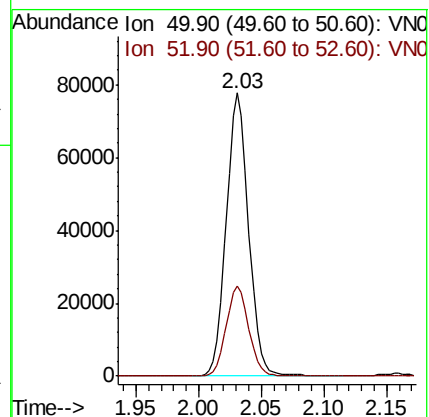
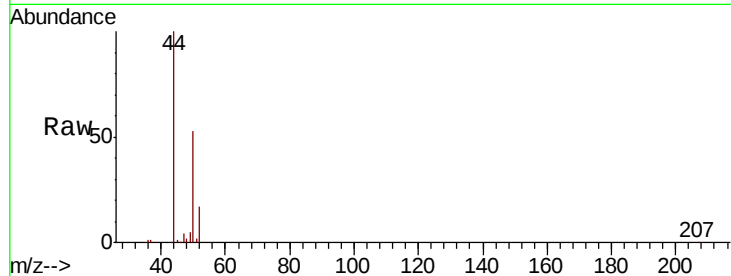
ClientSampled :

Tot Ion: 50 Resp: 96202

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 56.637 ug/l

RT: 2.16 min Scan# 378

Delta R.T. 0.00 min

Lab File: VN061268.D

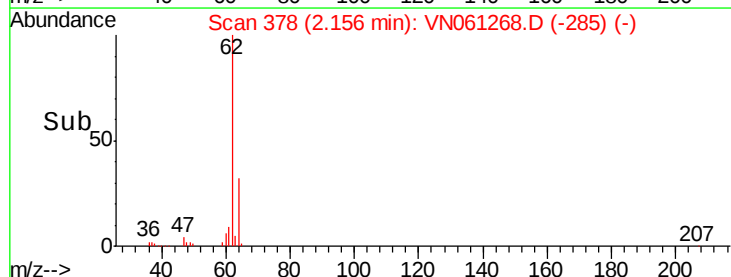
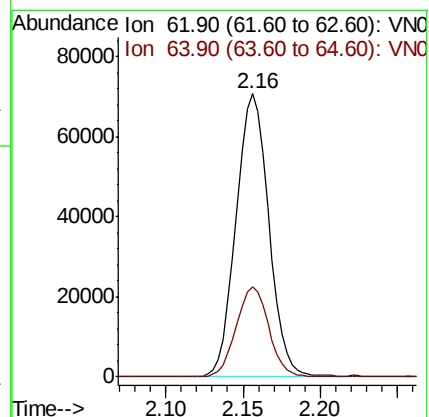
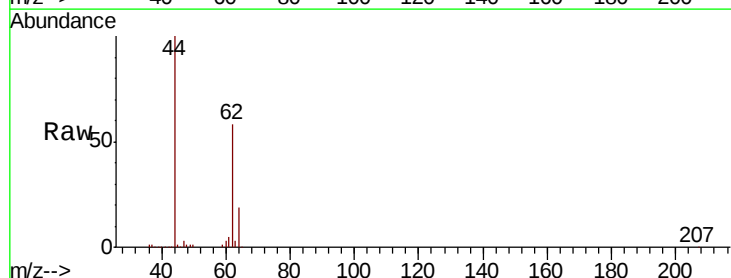
Acq: 4 May 2020 10:44

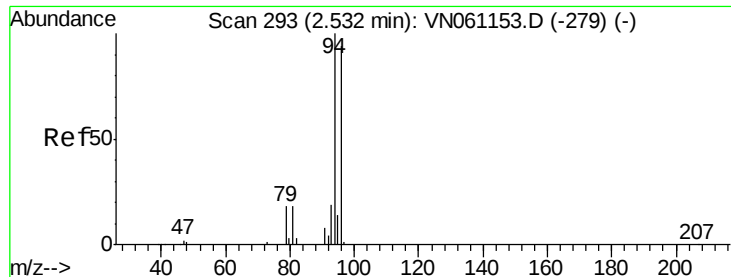
Tgt Ion: 62 Resp: 103937

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8

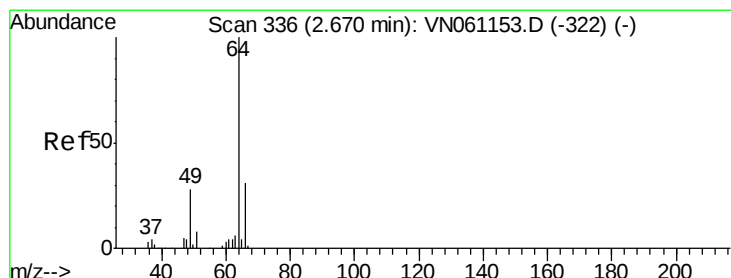
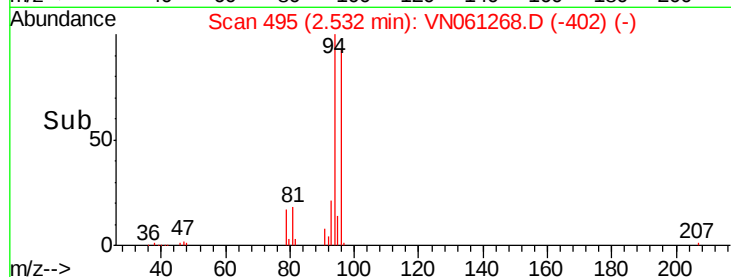
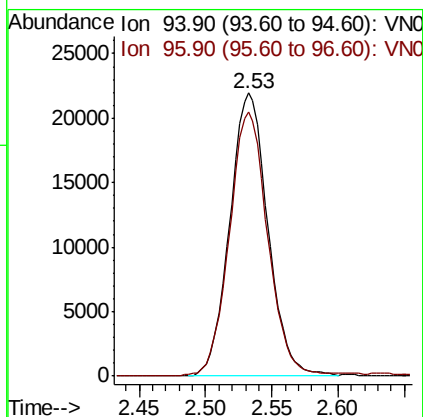
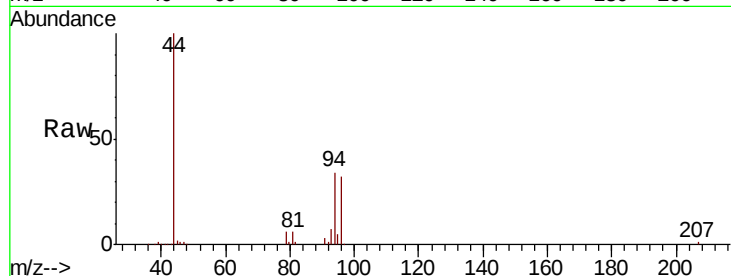




#5
Bromomethane
Concen: 48.321 ug/l
RT: 2.53 min Scan# 495
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

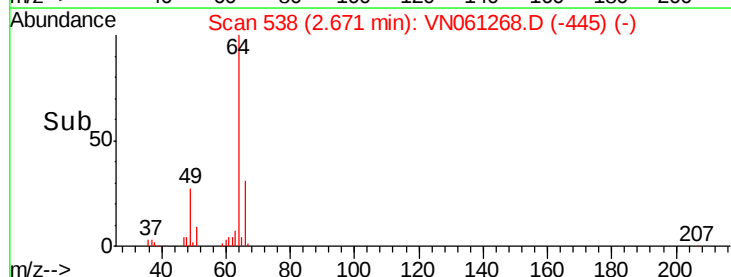
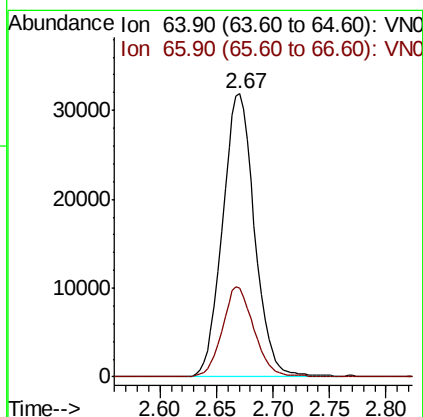
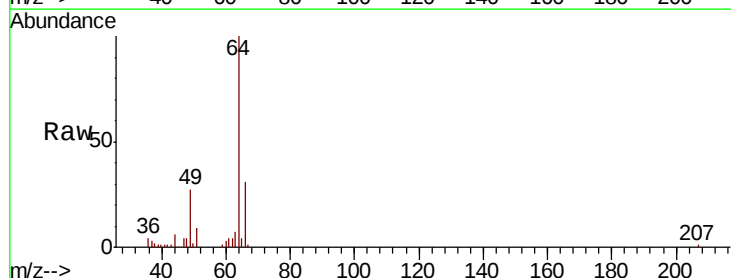
Instrument :
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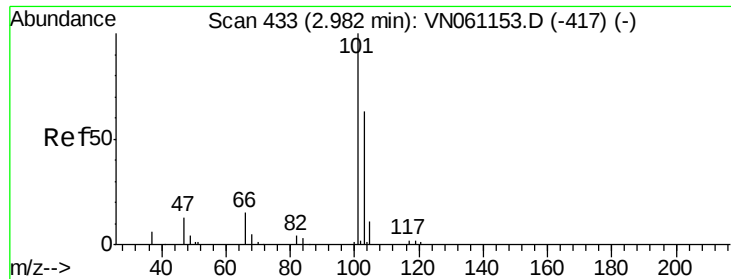
Tot Ion: 94 Resp: 43833
Ion Ratio Lower Upper
94 100
96 92.3 75.1 112.7



#6
Chloroethane
Concen: 54.044 ug/l
RT: 2.67 min Scan# 538
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 64 Resp: 62863
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8



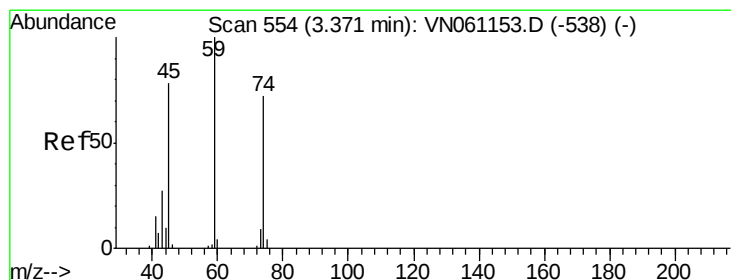
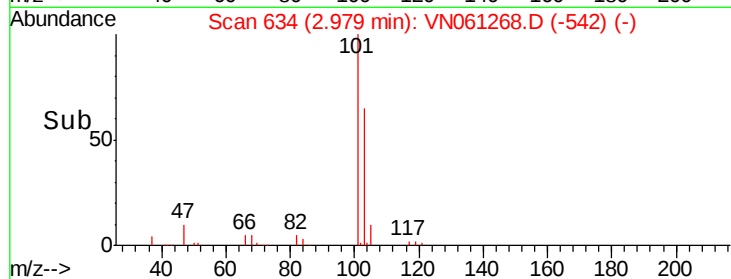
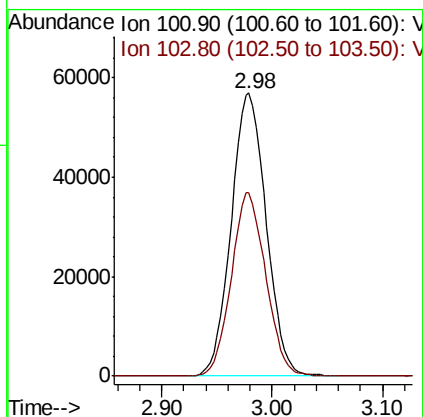
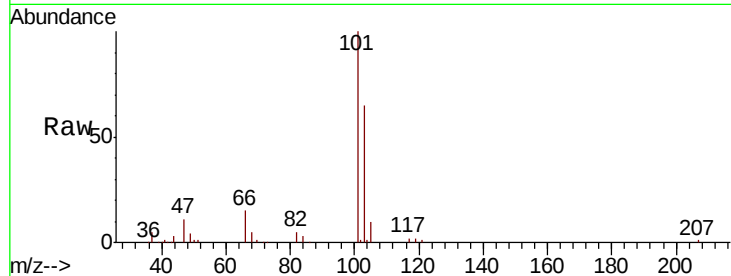


#7

Trichlorofluoromethane
 Concen: 60.451 ug/l
 RT: 2.98 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
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 ClientSampleId :

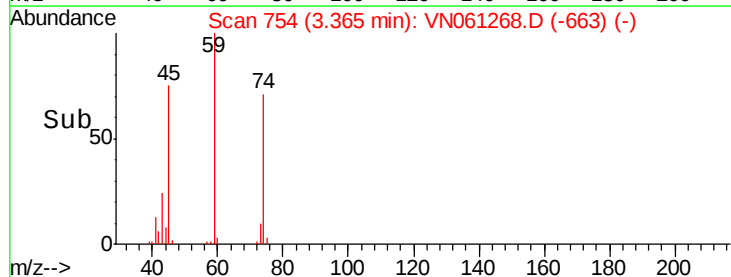
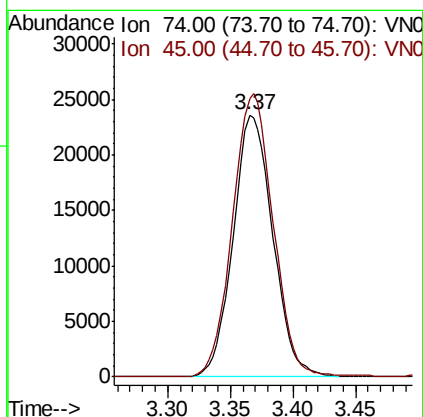
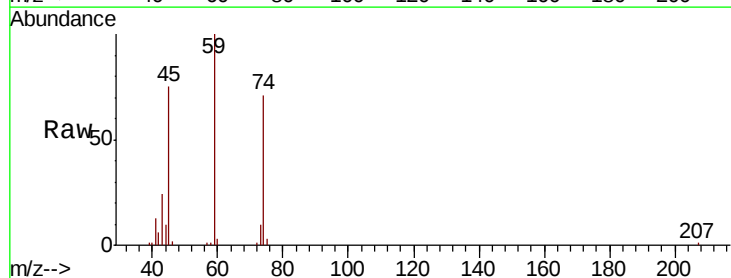
Tot Ion:101 Resp: 125160
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.6 76.0

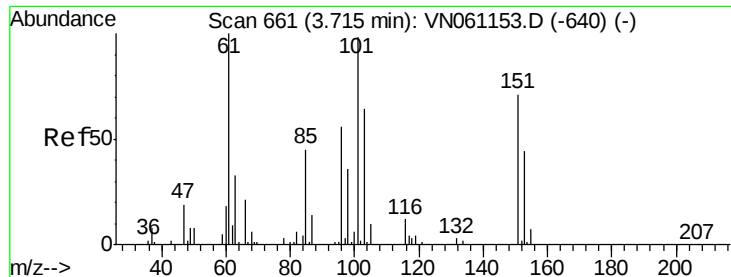


#8

Diethyl Ether
 Concen: 59.953 ug/l
 RT: 3.37 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 74 Resp: 51775
 Ion Ratio Lower Upper
 74 100
 45 111.1 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.960 ug/l

RT: 3.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

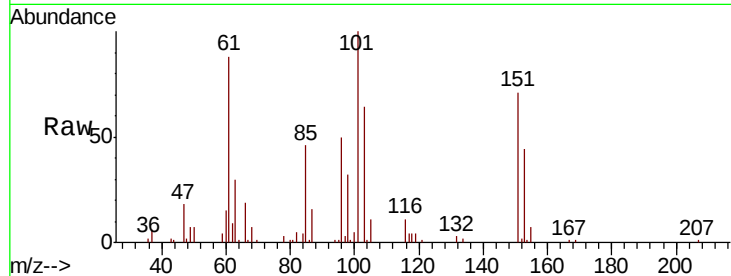
Tot Ion:101 Resp: 74642

Ion Ratio Lower Upper

101 100

85 46.4 37.2 55.8

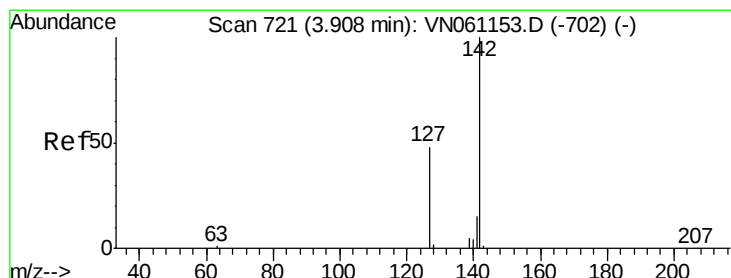
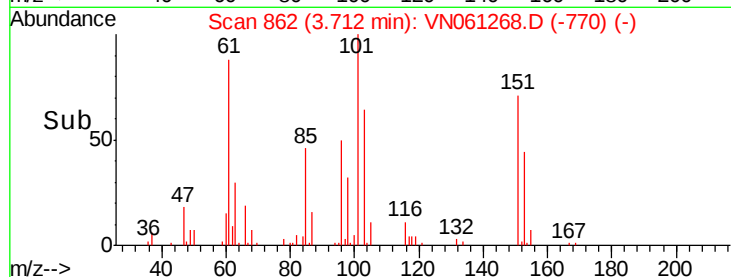
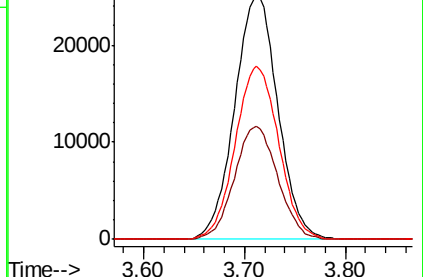
151 71.4 57.7 86.5



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: 47.462 ug/l

RT: 3.91 min Scan# 922

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

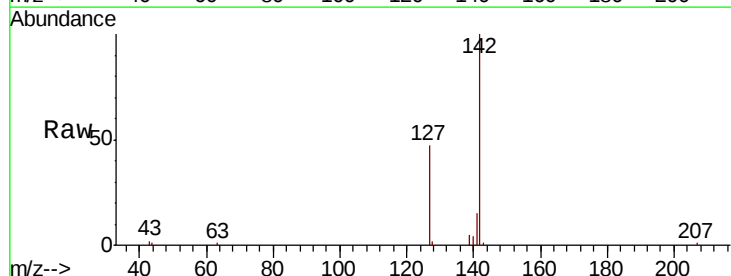
Tgt Ion:142 Resp: 81359

Ion Ratio Lower Upper

142 100

127 46.8 38.0 57.0

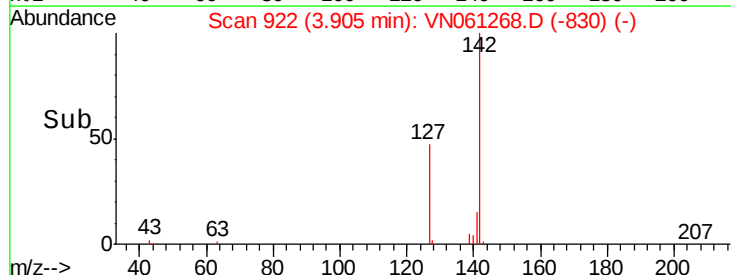
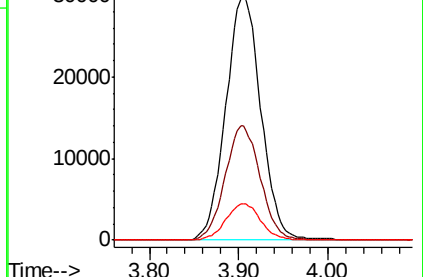
141 14.8 11.7 17.5

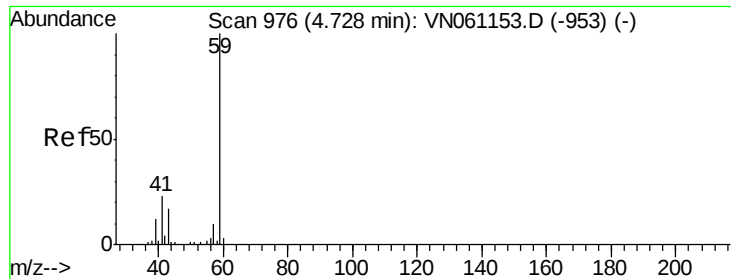


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

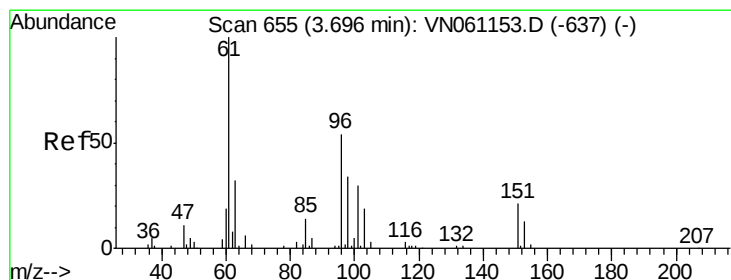
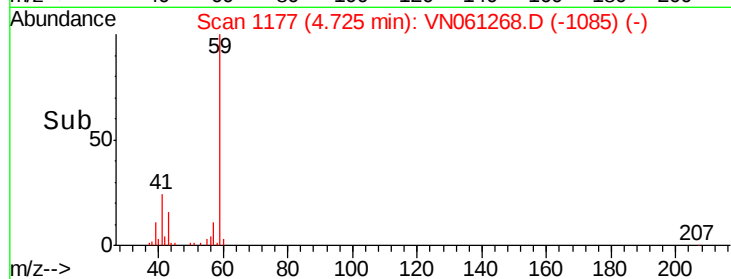
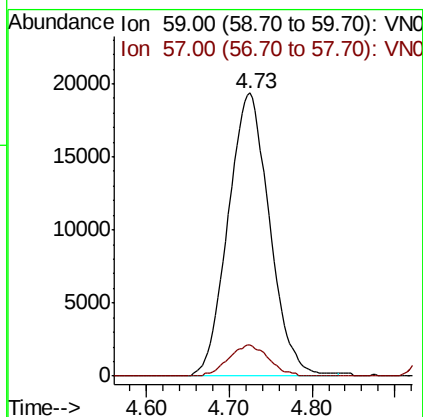
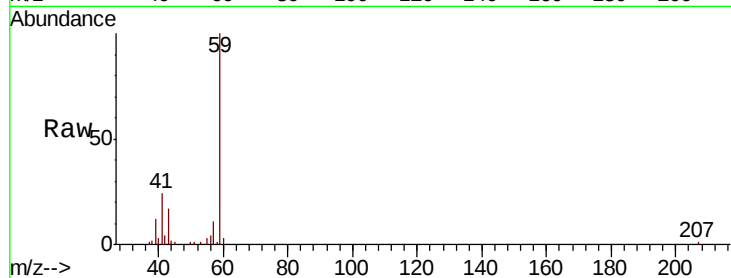




#11
Tert butyl alcohol
Concen: 252.180 ug/l
RT: 4.73 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

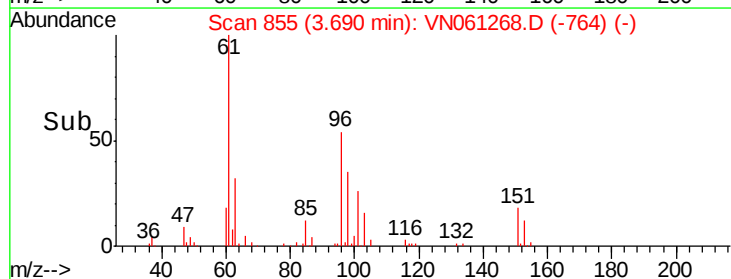
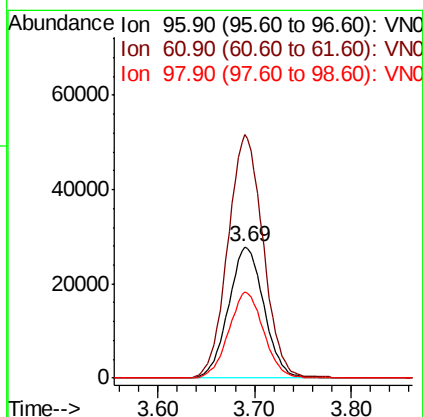
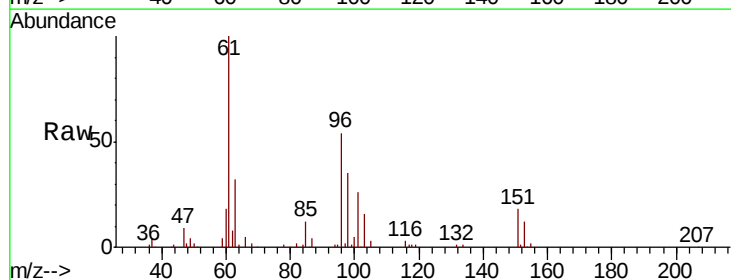
Instrument :
MSVOA_N
ClientSampled :

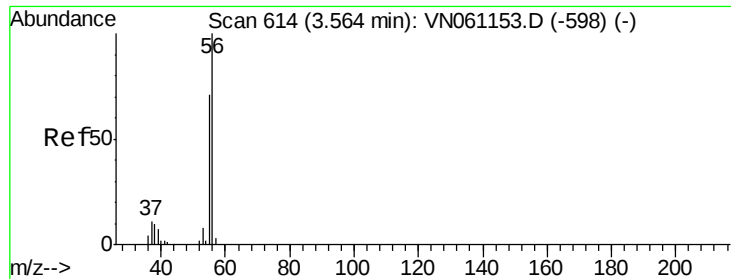
Tot Ion: 59 Resp: 67246
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.559 ug/l
RT: 3.69 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 96 Resp: 71092
Ion Ratio Lower Upper
96 100
61 185.1 147.0 220.6
98 65.4 49.8 74.6

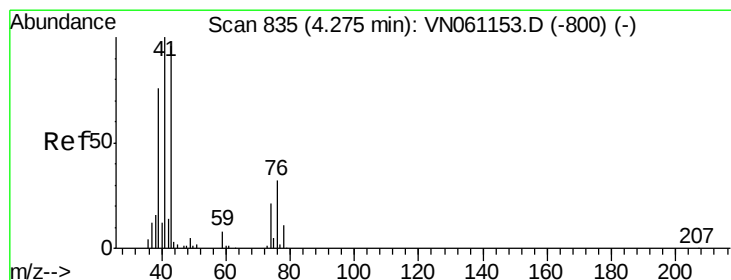
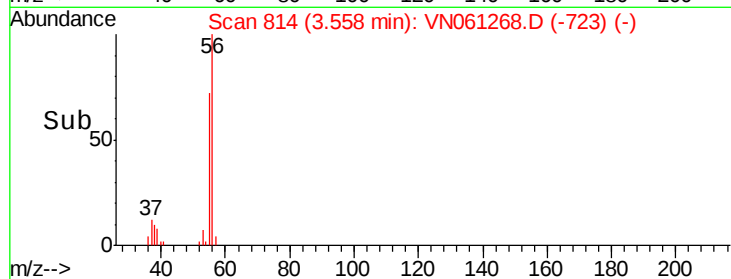
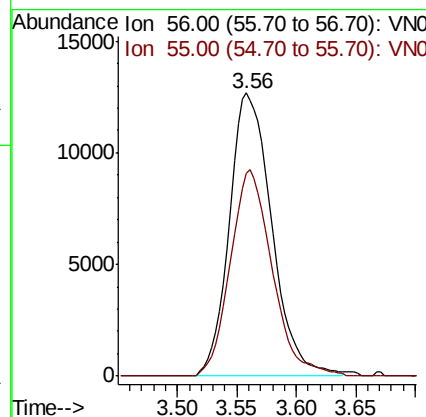
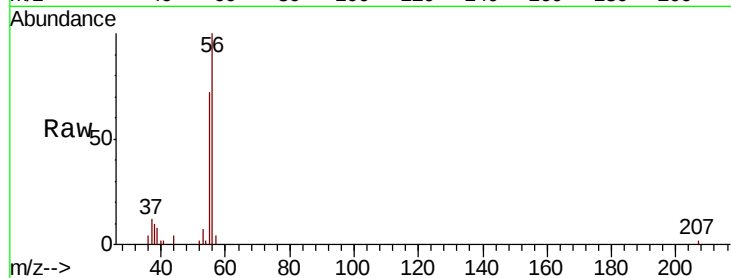




#13
Acrolein
Concen: 176.525 ug/l
RT: 3.56 min Scan# 814
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

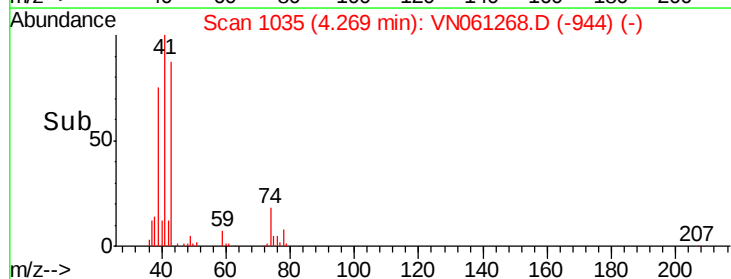
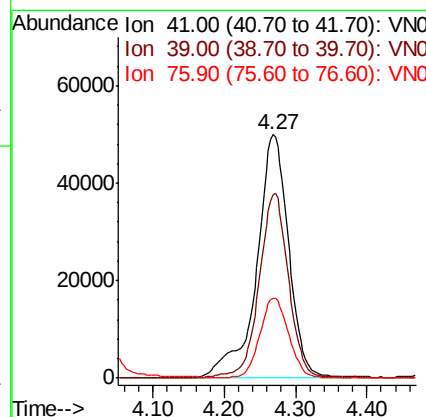
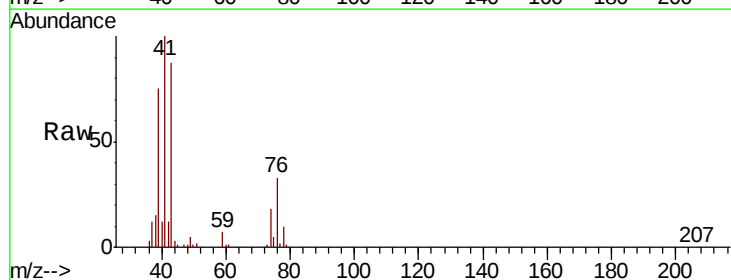
Instrument :
MSVOA_N
ClientSampled :

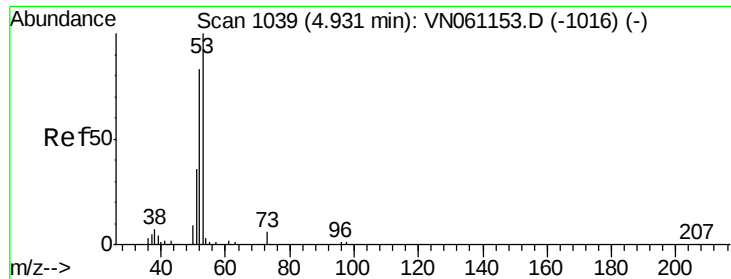
Tot Ion: 56 Resp: 31369
Ion Ratio Lower Upper
56 100
55 71.8 58.5 87.7



#14
Allyl chloride
Concen: 63.426 ug/l
RT: 4.27 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 41 Resp: 156099
Ion Ratio Lower Upper
41 100
39 69.5 57.1 85.7
76 29.4 24.3 36.5

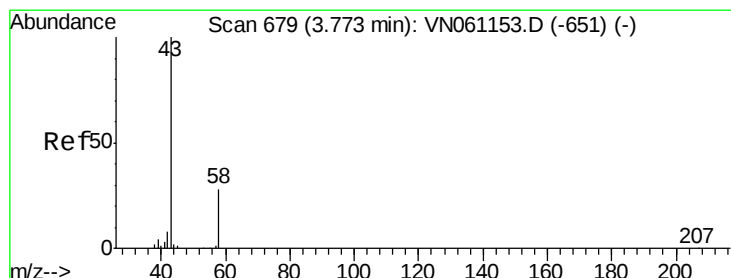
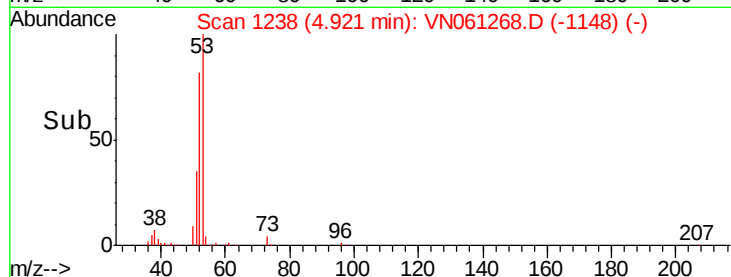
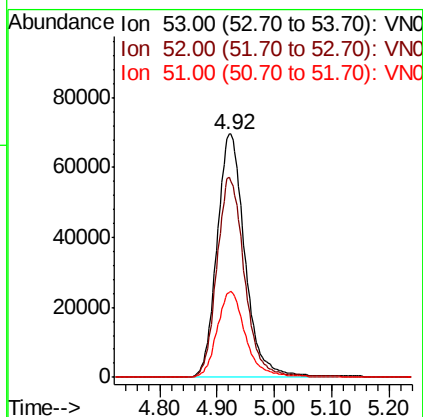
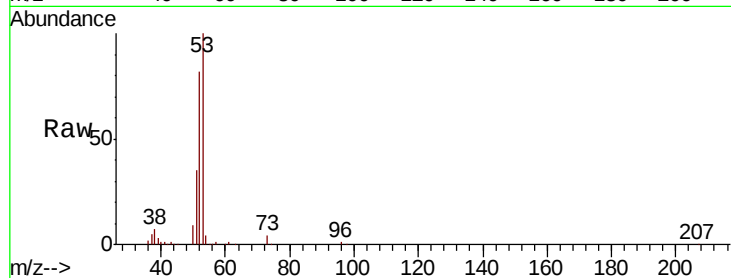




#15
 Acrylonitrile
 Concen: 288.802 ug/l
 RT: 4.92 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

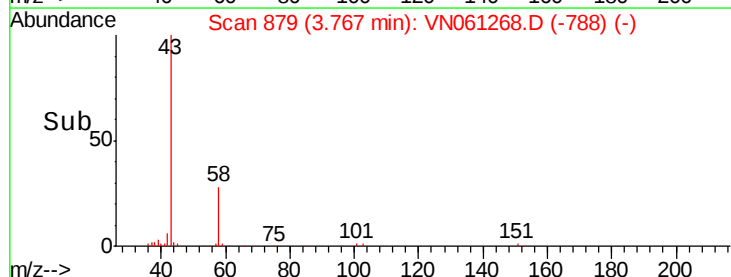
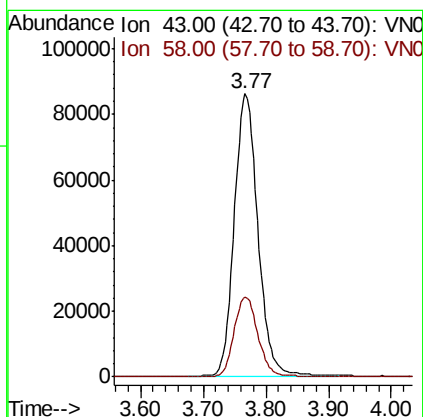
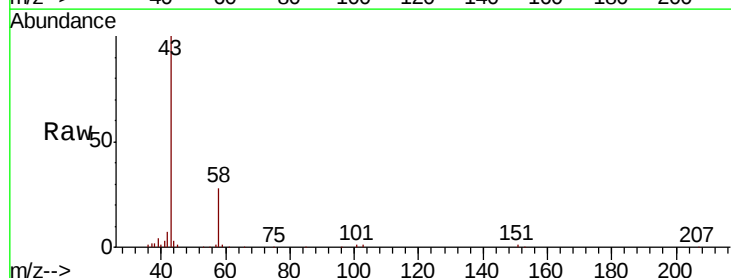
Instrument :
 MSVOA_N
 ClientSampleId :

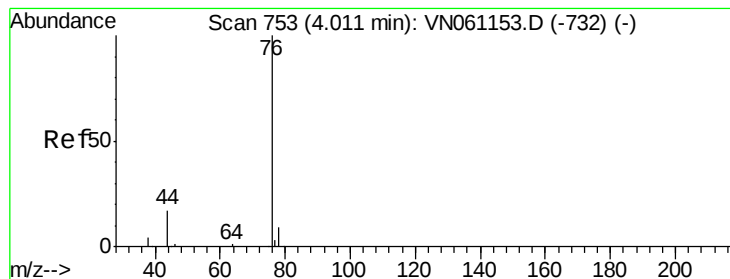
Tot Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.4	98.0
51	35.6	29.5	44.3



#16
 Acetone
 Concen: 296.204 ug/l
 RT: 3.77 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.2	33.2





#17

Carbon Disulfide

Concen: 46.706 ug/l

RT: 4.00 min Scan# 953

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

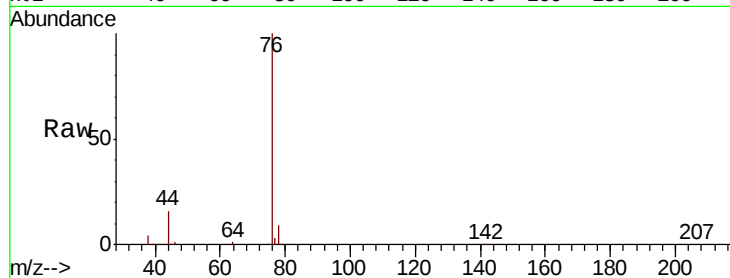
ClientSampleId :

Tot Ion: 76 Resp: 171252

Ion Ratio Lower Upper

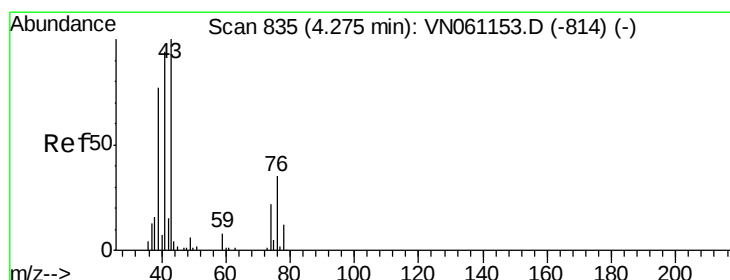
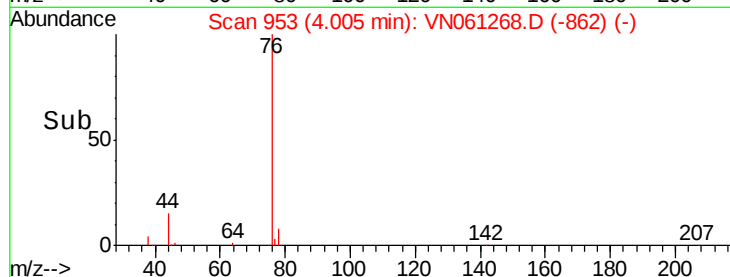
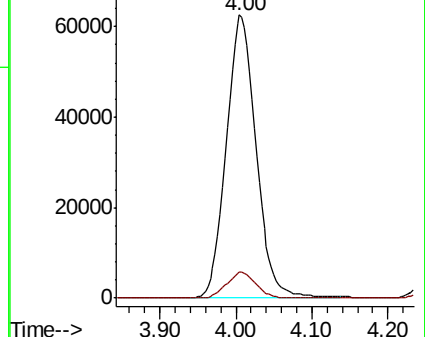
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)



#18

Methyl Acetate

Concen: 49.335 ug/l

RT: 4.27 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VN061268.D

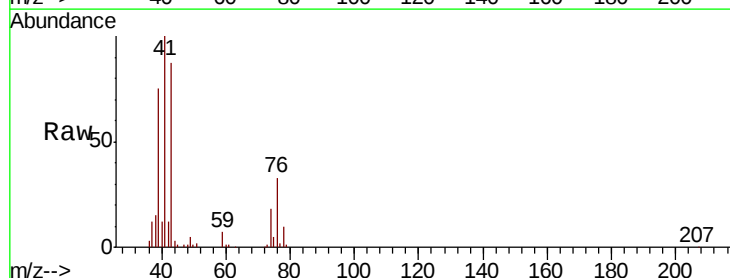
Acq: 4 May 2020 10:44

Tgt Ion: 43 Resp: 123946

Ion Ratio Lower Upper

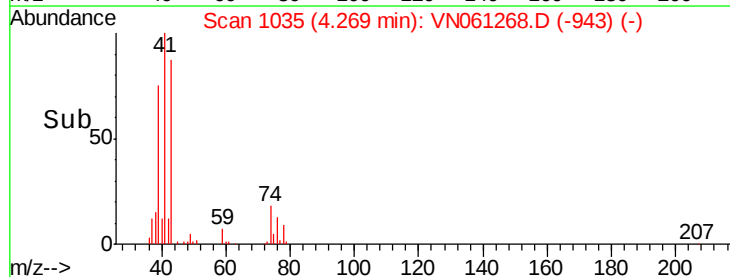
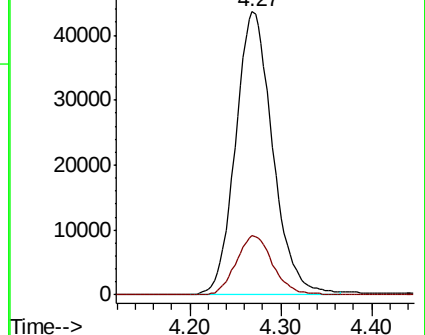
43 100

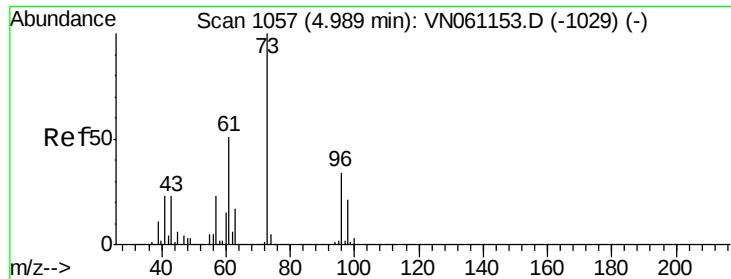
74 20.7 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

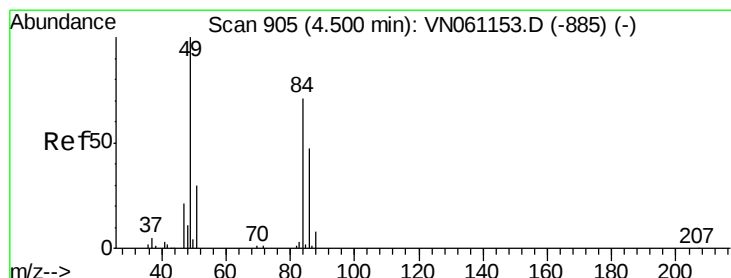
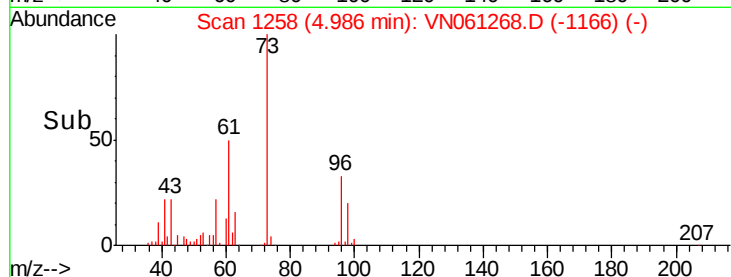
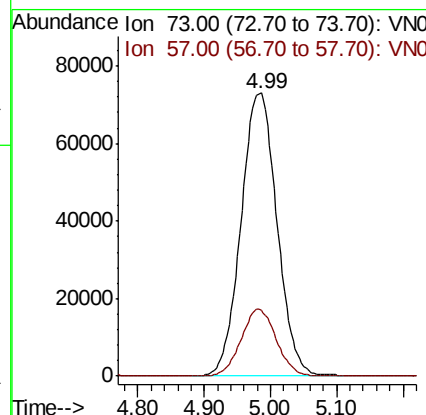
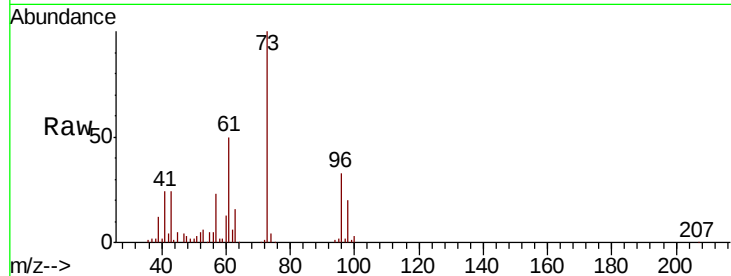




#19
Methyl tert-butyl Ether
Concen: 54.297 ug/l
RT: 4.99 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

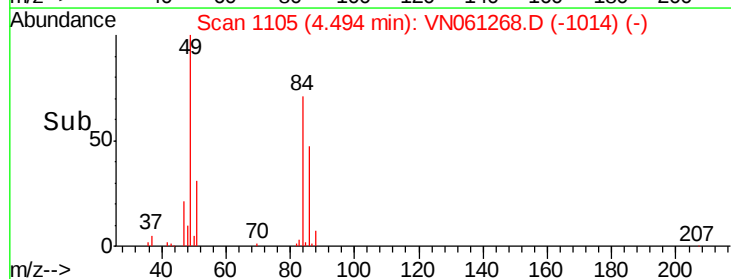
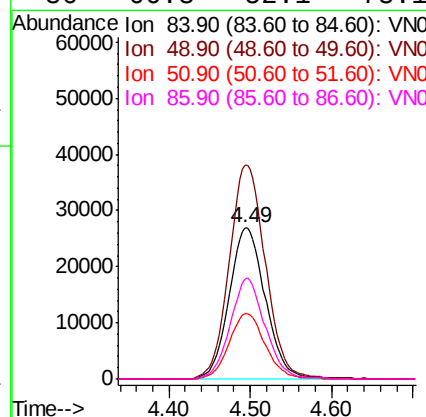
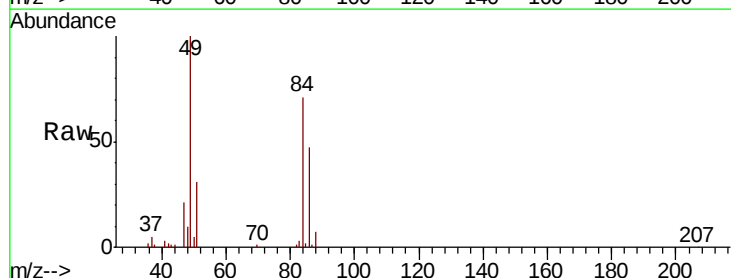
Instrument :
MSVOA_N
ClientSampled :

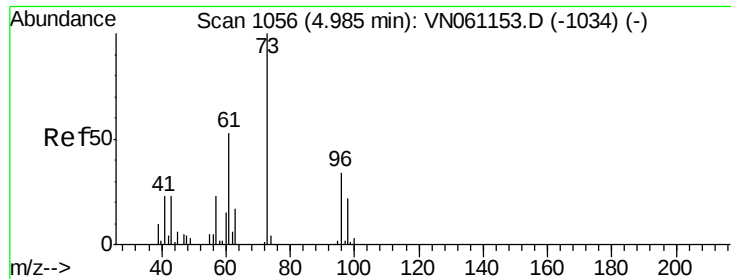
Tot Ion: 73 Resp: 275390
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5



#20
Methylene Chloride
Concen: 53.928 ug/l
RT: 4.49 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 84 Resp: 83707
Ion Ratio Lower Upper
84 100
49 141.0 112.0 168.0
51 43.4 33.6 50.4
86 66.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 54.757 ug/l

RT: 4.98 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

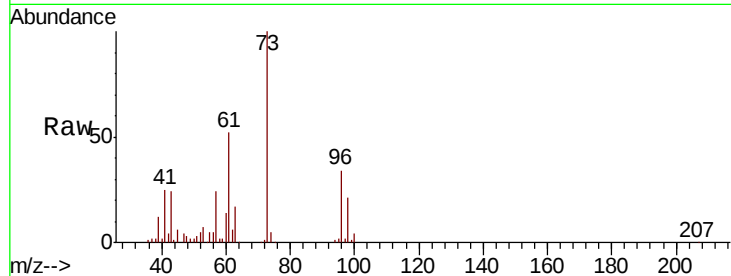
Tot Ion: 96 Resp: 79144

Ion Ratio Lower Upper

96 100

61 153.9 123.0 184.4

98 62.5 50.1 75.1

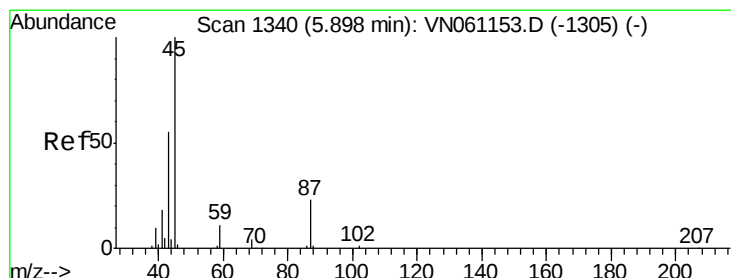
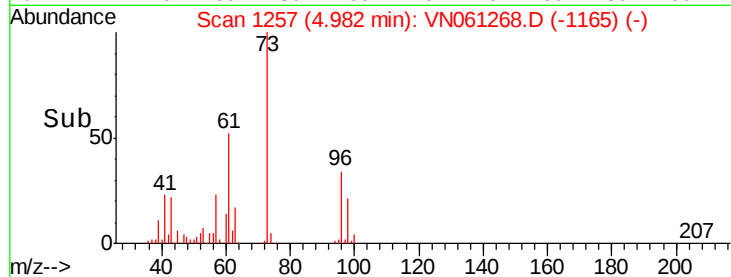
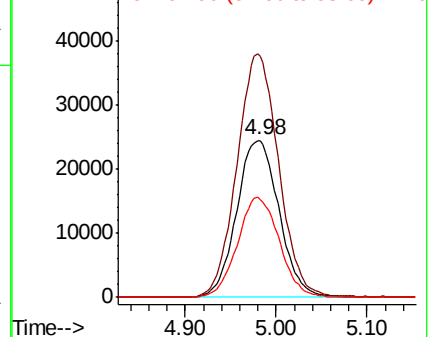


Abundance

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: 57.282 ug/l

RT: 5.89 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion: 45 Resp: 326921

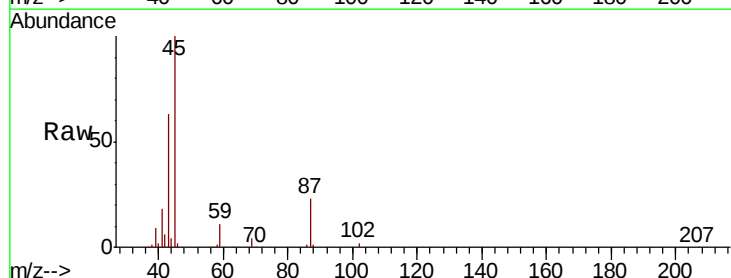
Ion Ratio Lower Upper

45 100

43 61.1 47.9 71.9

87 23.5 19.2 28.8

59 10.7 9.0 13.4



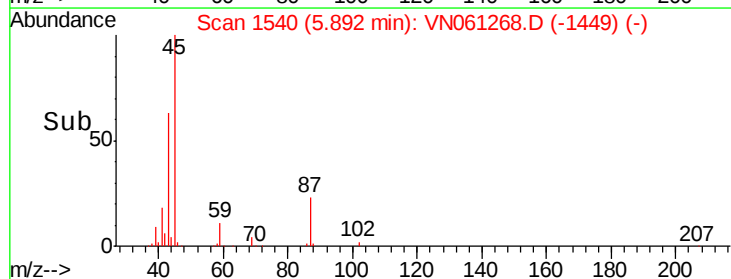
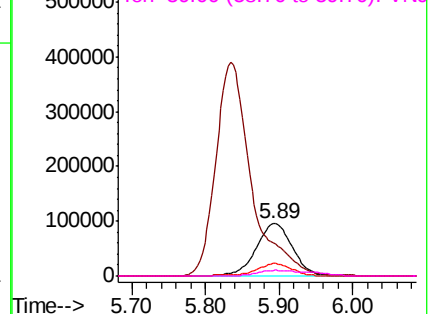
Abundance

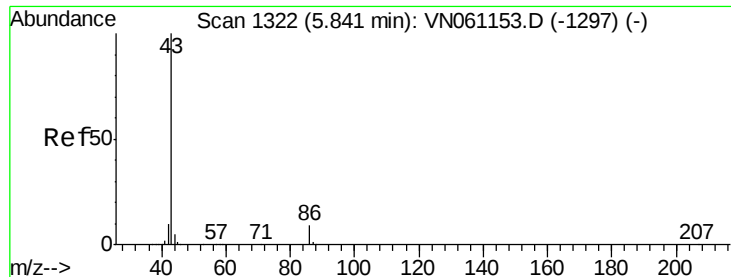
Ion 45.00 (44.70 to 45.70): VN0

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: 285.901 ug/l

RT: 5.83 min Scan# 1522

Delta R.T. -0.01 min

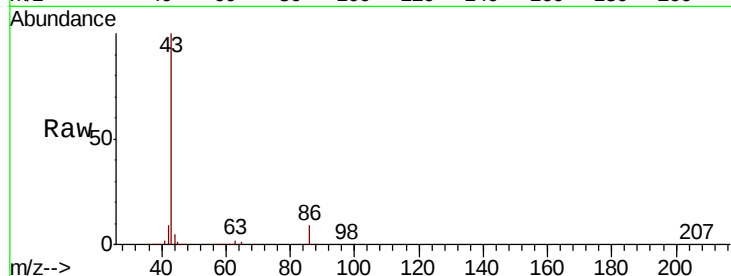
Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampleId :

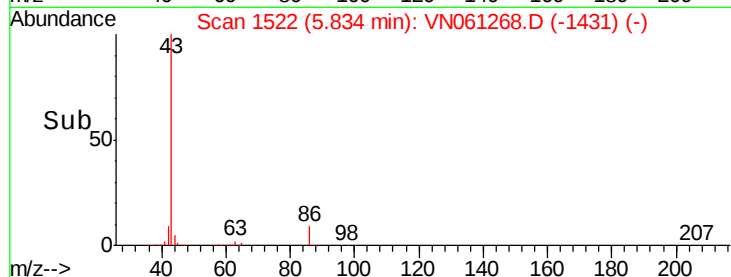
Tot Ion: 43 Resp: 1313802

Ion	Ratio	Lower	Upper
43	100		
86	8.9	7.2	10.8



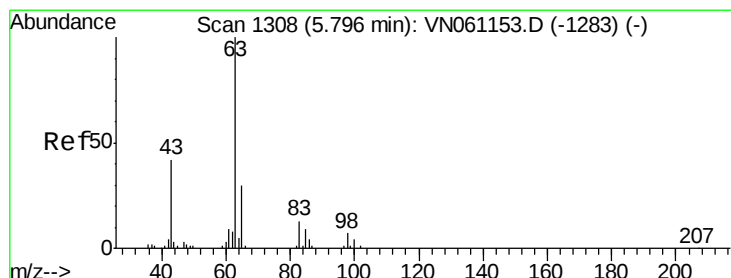
Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

Ion 86.00 (85.70 to 86.70): VN061153.D (-1297) (-)



Abundance Ion 43.00 (42.70 to 43.70): VN061268.D (-1431) (-)

Ion 86.00 (85.70 to 86.70): VN061268.D (-1431) (-)



#24

1,1-Dichloroethane

Concen: 54.912 ug/l

RT: 5.79 min Scan# 1508

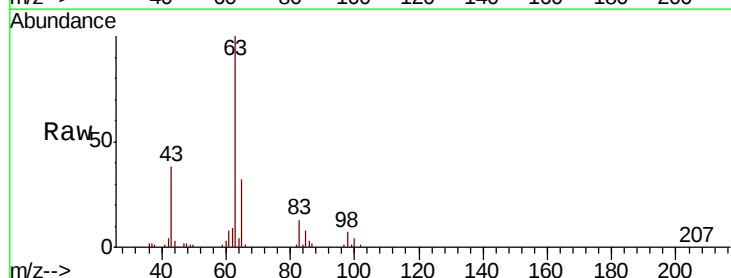
Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

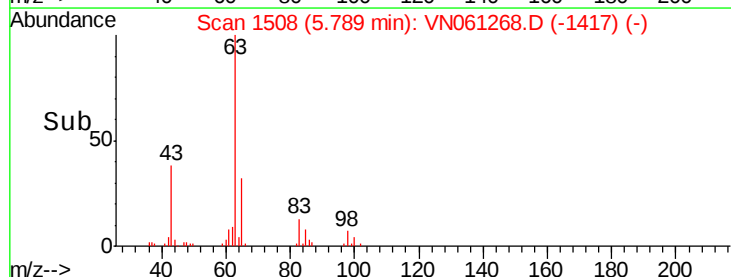
Tgt Ion: 63 Resp: 163743

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	3.8	1.9	5.7



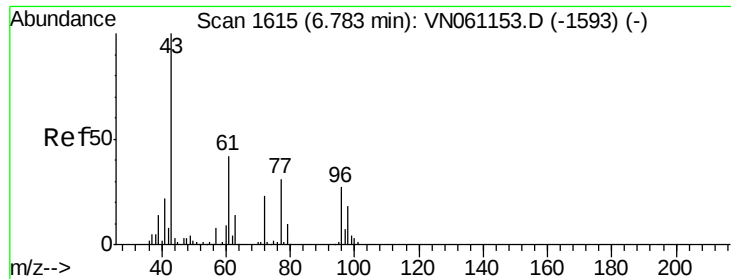
Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1283) (-)



Abundance Ion 62.90 (62.60 to 63.60): VN061268.D (-1417) (-)

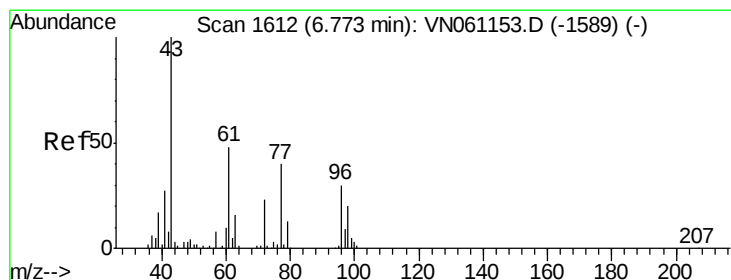
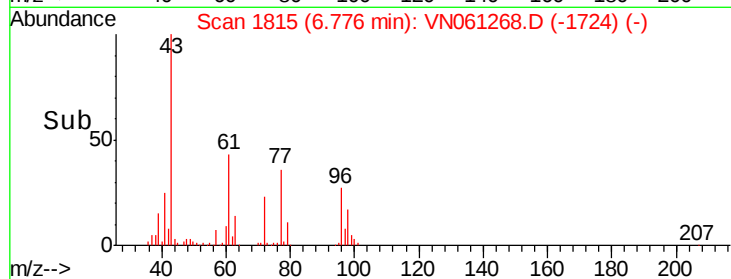
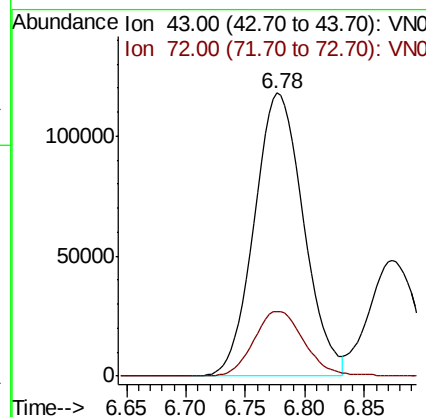
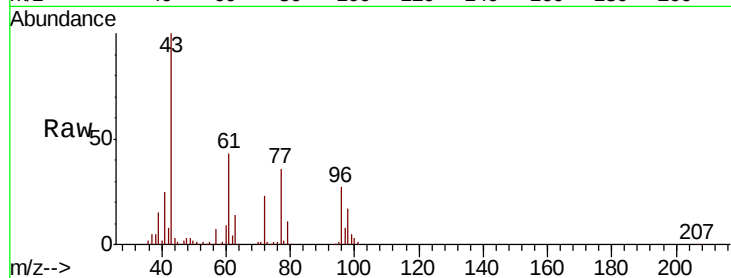
Ion 97.90 (97.60 to 98.60): VN061268.D (-1417) (-)



#25
2-Butanone
Concen: 287.470 ug/l
RT: 6.78 min Scan# 1815
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

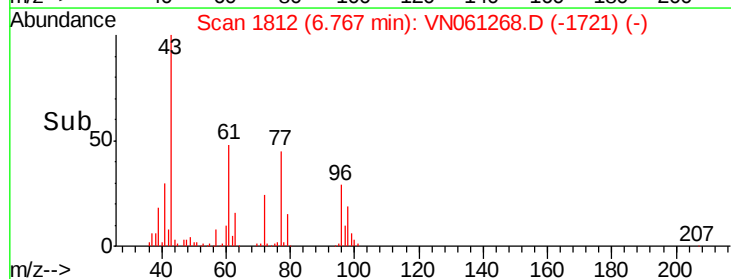
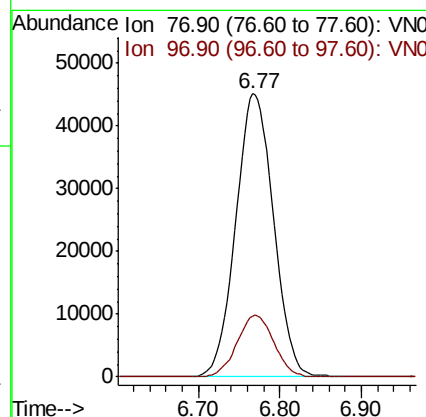
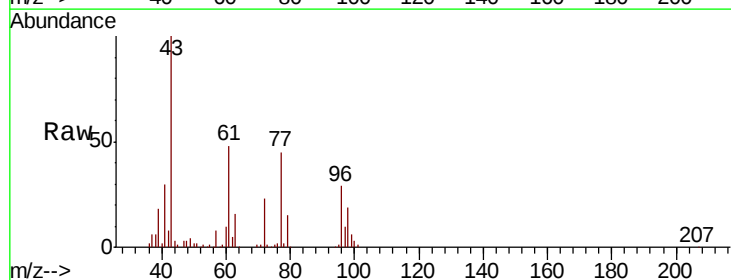
Instrument :
MSVOA_N
ClientSampled :

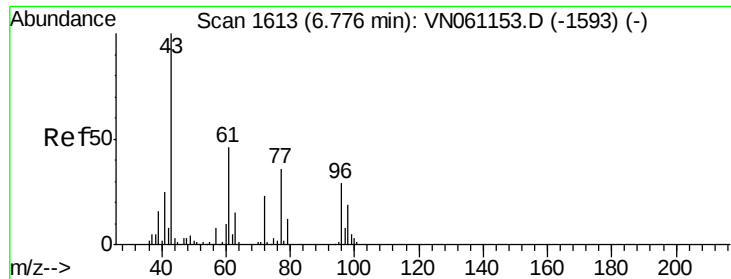
Tot Ion: 43 Resp: 338615
Ion Ratio Lower Upper
43 100
72 23.0 18.2 27.4



#26
2,2-Dichloropropane
Concen: 57.771 ug/l
RT: 6.77 min Scan# 1812
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 77 Resp: 145098
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 54.381 ug/l

RT: 6.77 min Scan# 1814

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

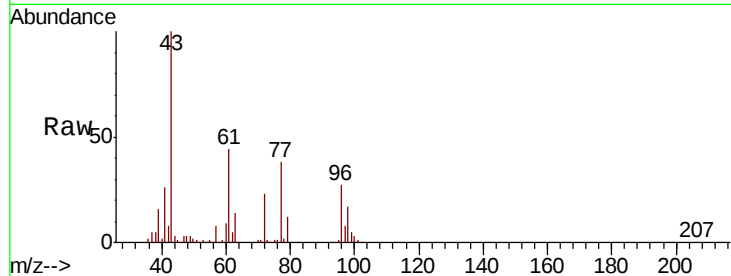
Tot Ion: 96 Resp: 92239

Ion Ratio Lower Upper

96 100

61 162.9 0.0 322.0

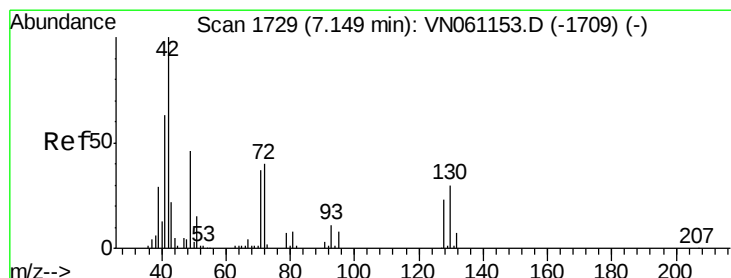
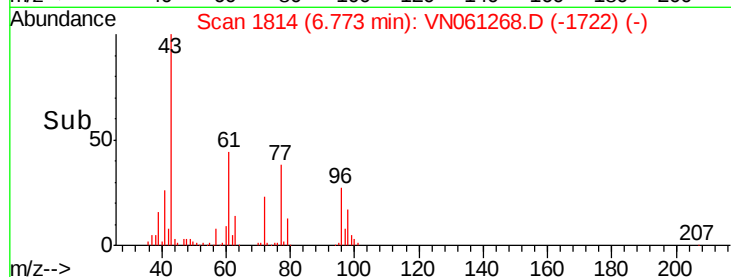
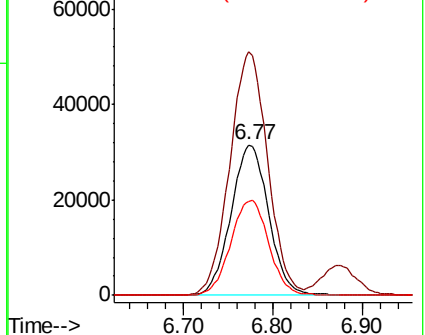
98 63.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1593) (-)



#28

Bromochloromethane

Concen: 50.487 ug/l

RT: 7.15 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

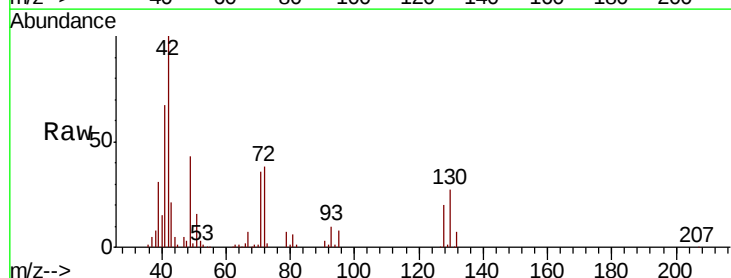
Tgt Ion: 49 Resp: 71356

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

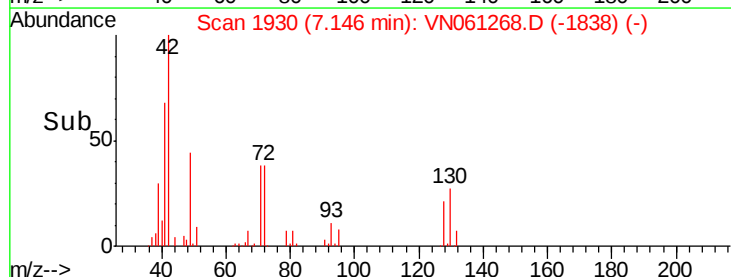
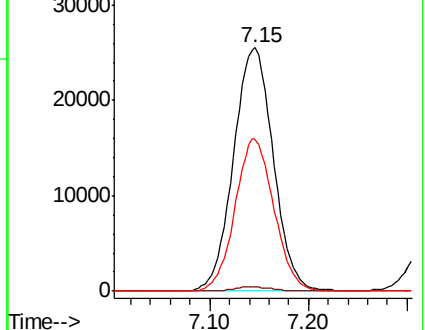
130 60.9 51.4 77.2

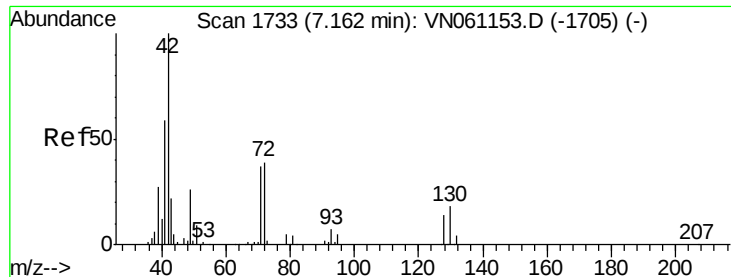


Abundance Ion 48.90 (48.60 to 49.60): VN061153.D (-1709) (-)

Ion 128.80 (128.50 to 129.50): VN061153.D (-1709) (-)

Ion 129.80 (129.50 to 130.50): VN061153.D (-1709) (-)

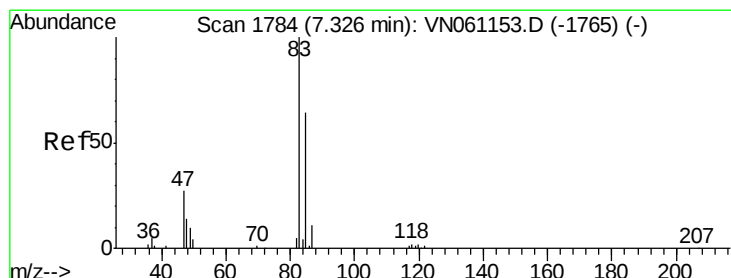
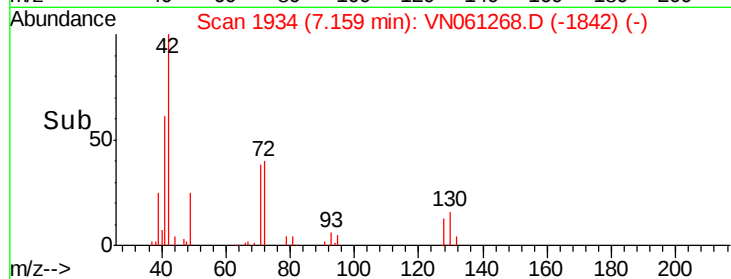
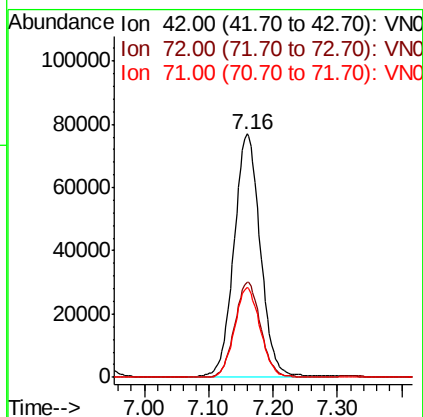
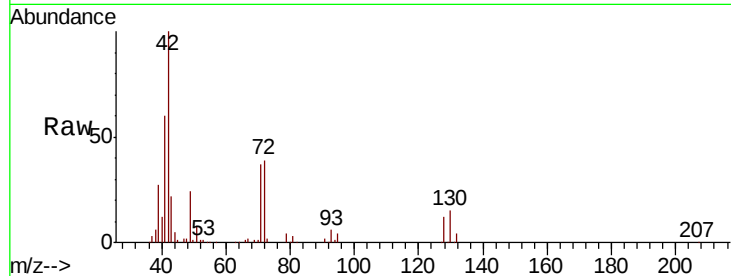




#29
Tetrahydrofuran
Concen: 278.055 ug/l
RT: 7.16 min Scan# 1934
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

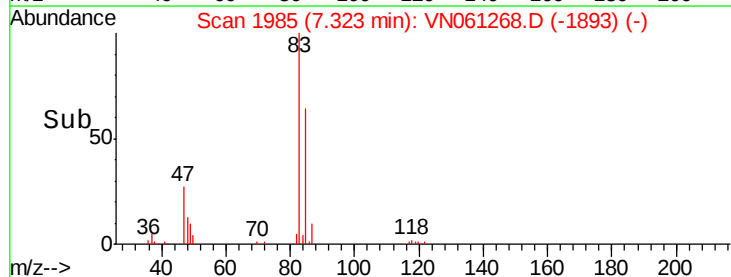
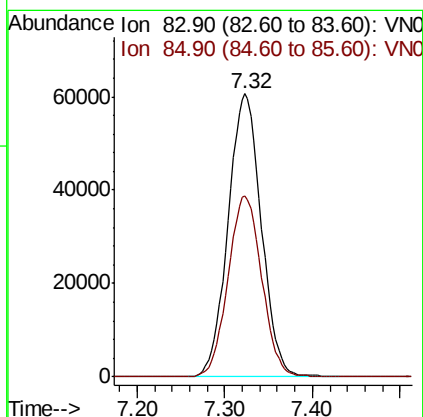
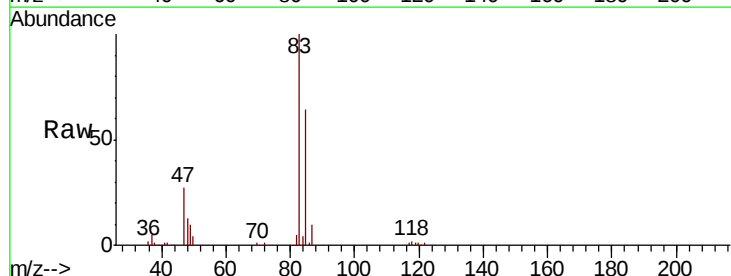
Instrument :
MSVOA_N
ClientSampled :

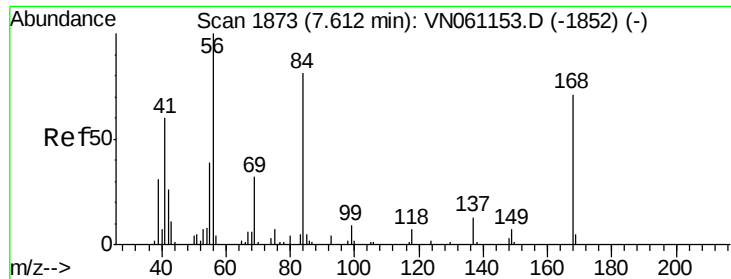
Tot Ion: 42 Resp: 220628
Ion Ratio Lower Upper
42 100
72 38.2 31.4 47.0
71 35.7 29.5 44.3



#30
Chloroform
Concen: 52.766 ug/l
RT: 7.32 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 83 Resp: 159451
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7

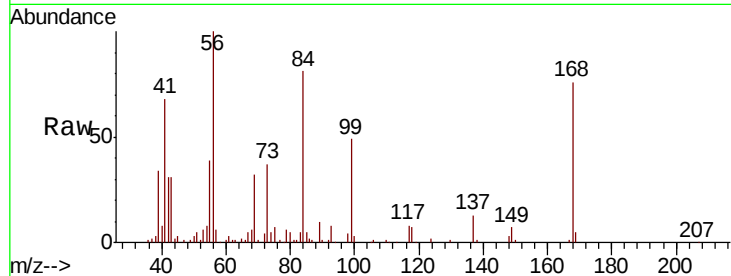




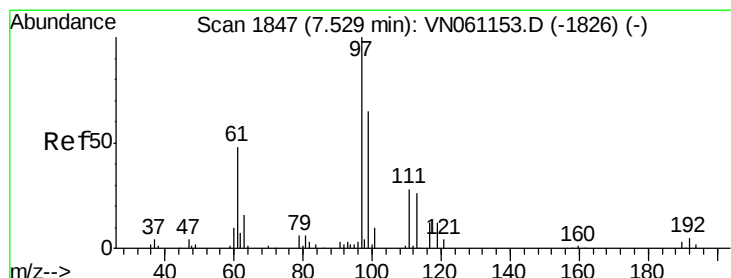
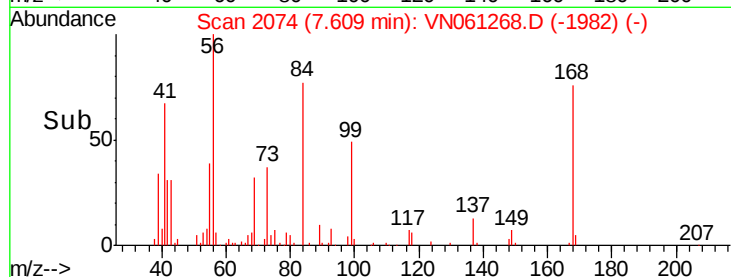
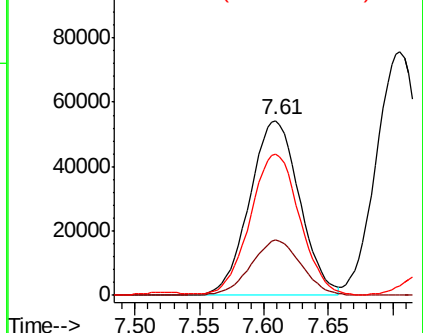
#31
Cyclohexane
Concen: 50.508 ug/l
RT: 7.61 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 146265
Ion Ratio Lower Upper
56 100
69 31.6 25.7 38.5
84 80.1 64.6 97.0

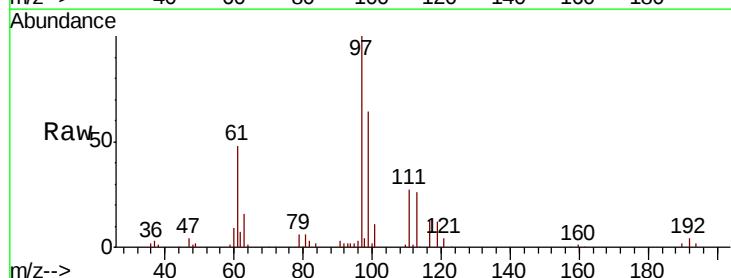


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

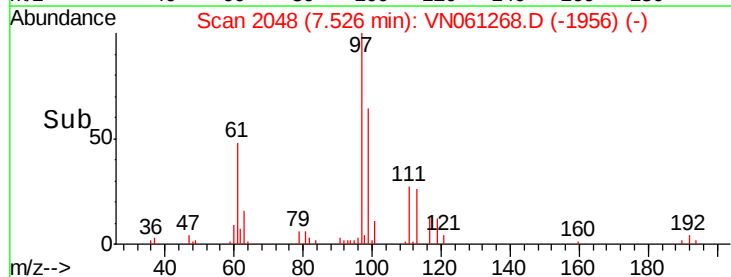
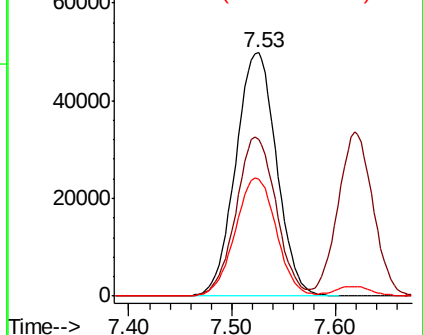


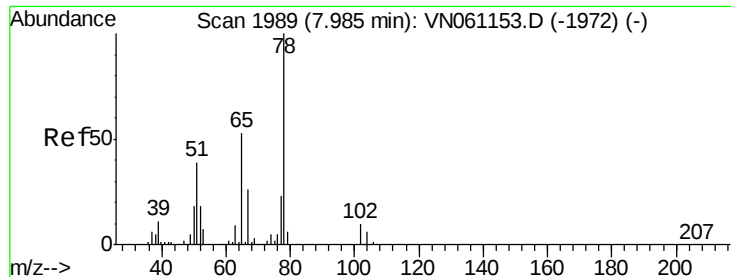
#32
1,1,1-Trichloroethane
Concen: 52.207 ug/l
RT: 7.53 min Scan# 2048
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 97 Resp: 137377
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 48.8 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

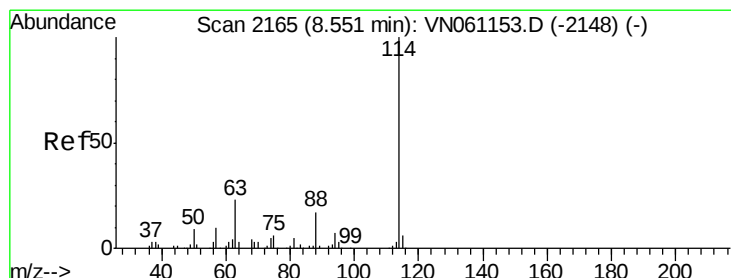
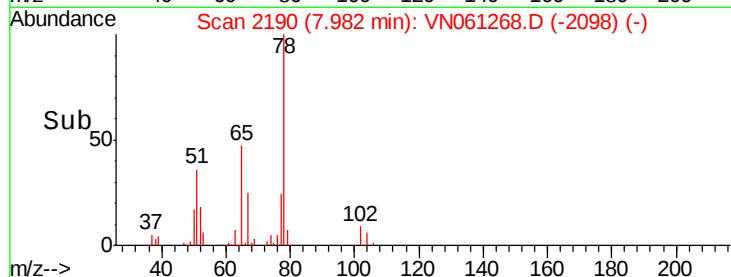
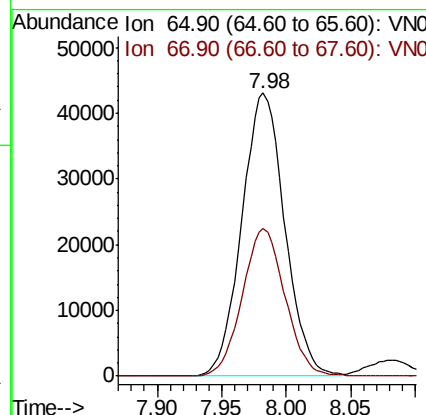
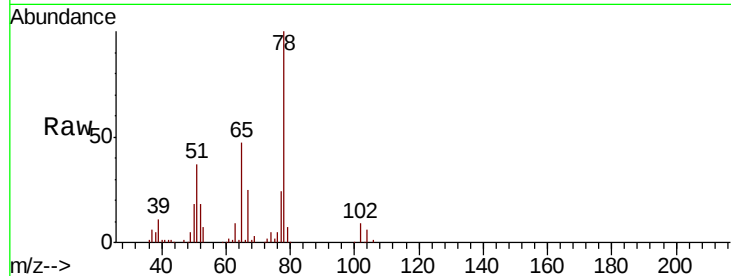




#33
 1,2-Dichloroethane-d4
 Concen: 50.236 ug/l
 RT: 7.98 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

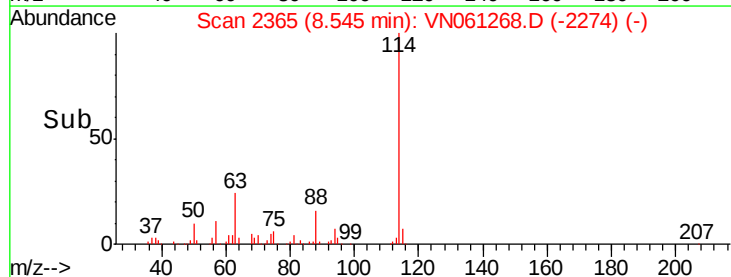
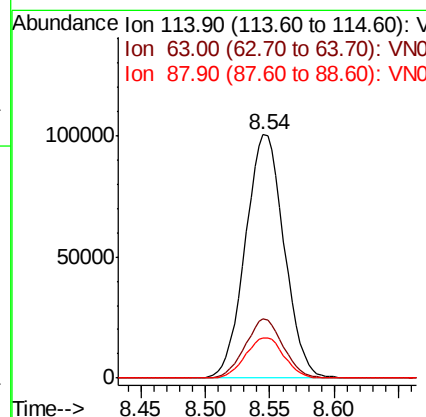
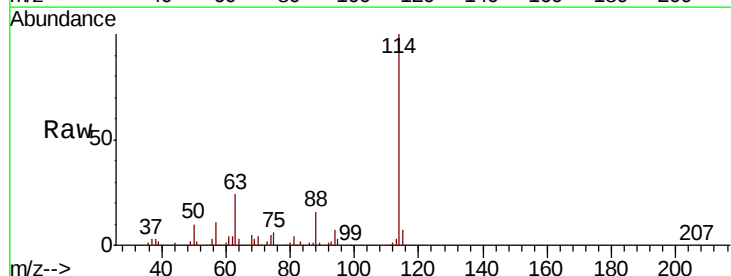
Instrument :
 MSVOA_N
 ClientSampleId :

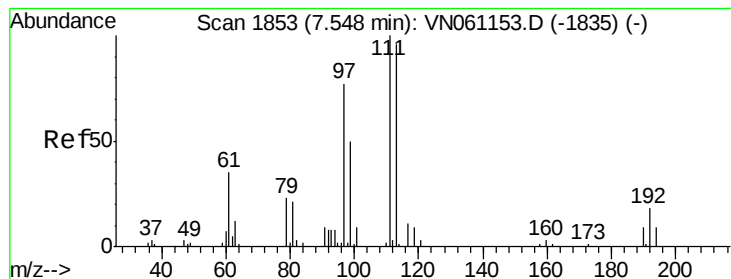
Tot Ion: 65 Resp: 100001
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 114 Resp: 210530
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.848 ug/l

RT: 7.54 min Scan# 2053

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

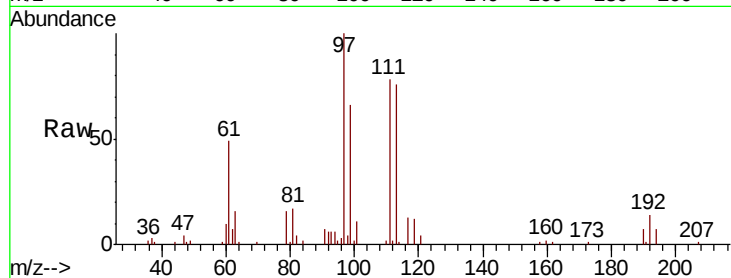
Tot Ion:113 Resp: 58322

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

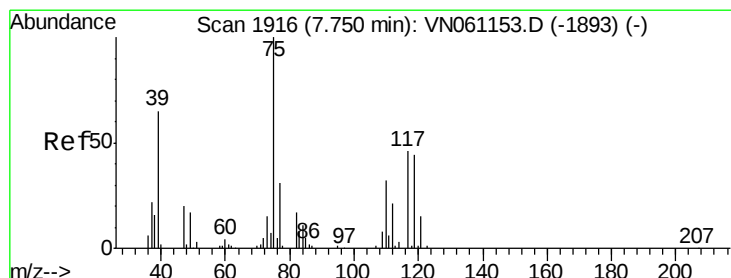
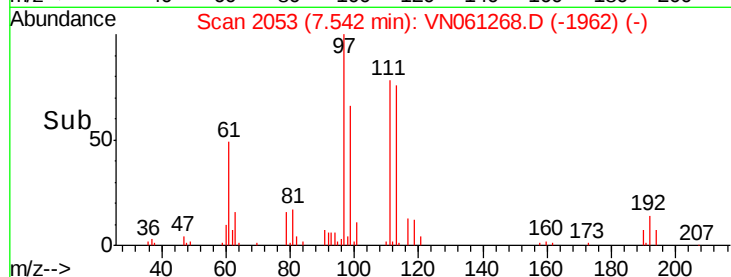
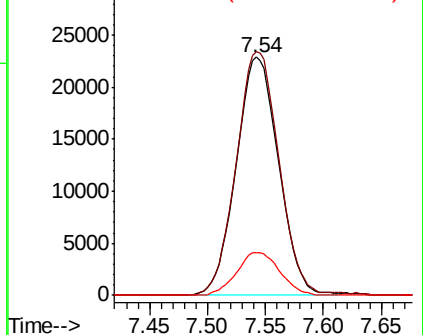
192 18.2 14.7 22.1



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: 57.083 ug/l

RT: 7.75 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

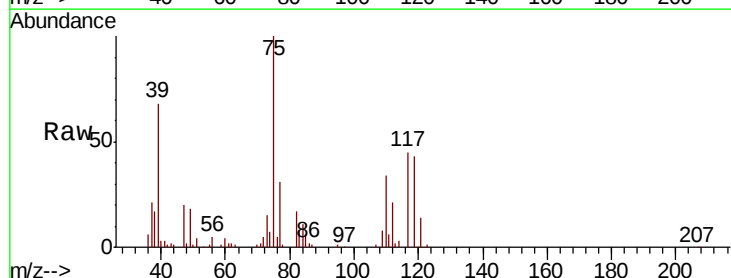
Tgt Ion: 75 Resp: 120303

Ion Ratio Lower Upper

75 100

110 32.1 16.0 48.0

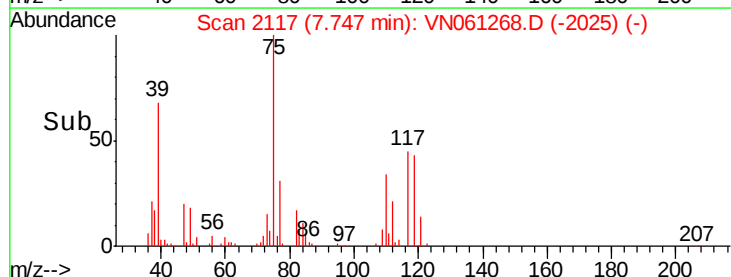
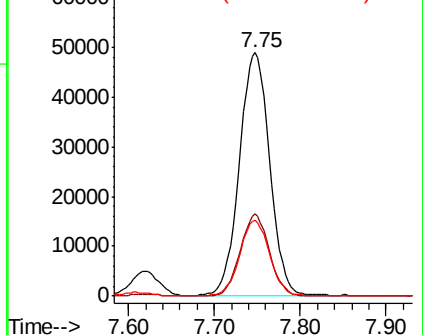
77 30.7 24.6 37.0

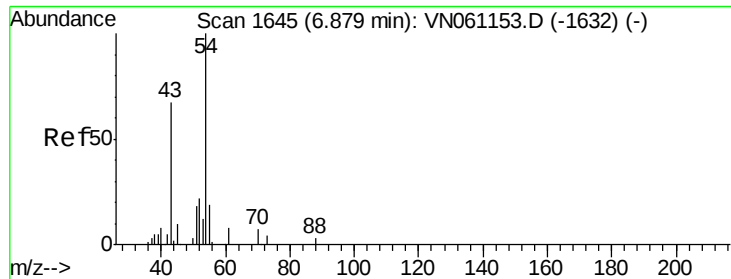


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

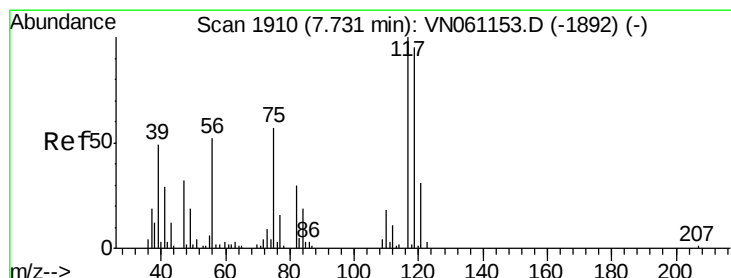
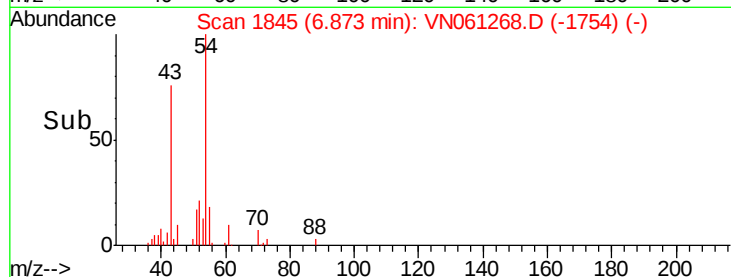
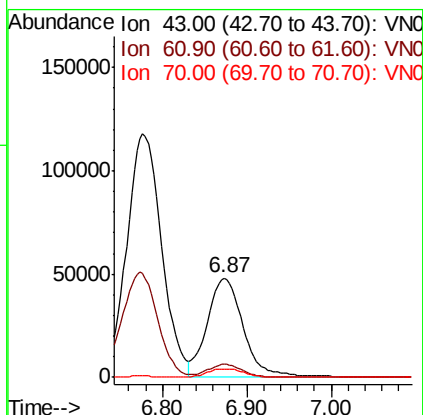
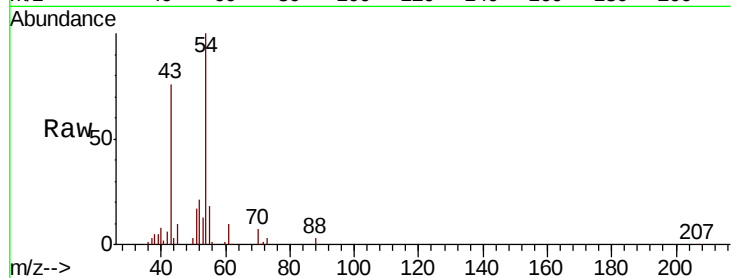




#37
Ethyl Acetate
Concen: 56.911 ug/l
RT: 6.87 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

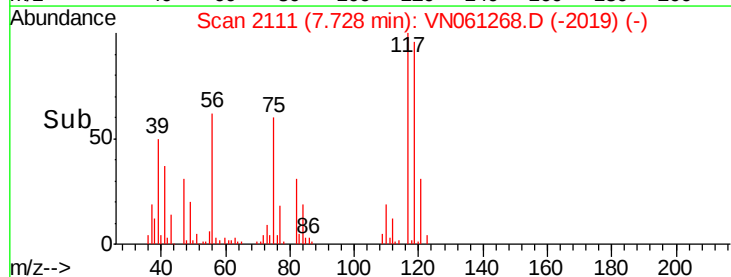
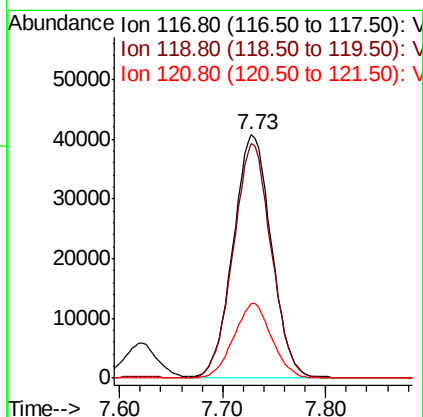
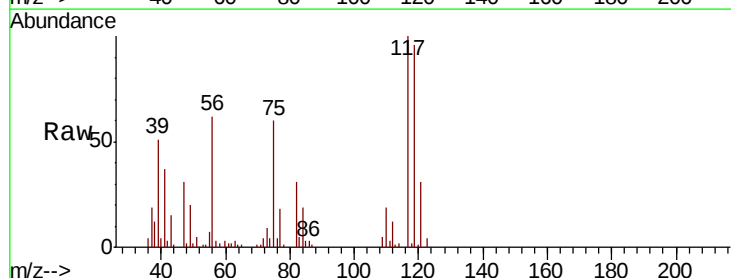
Instrument :
MSVOA_N
ClientSampled :

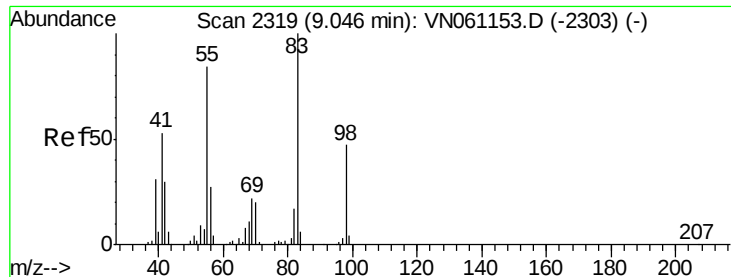
Tot Ion: 43 Resp: 140609
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.2
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 54.518 ug/l
RT: 7.73 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 117 Resp: 105246
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.6
121 30.7 24.7 37.1

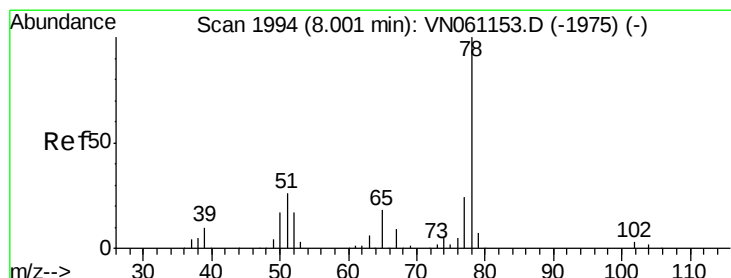
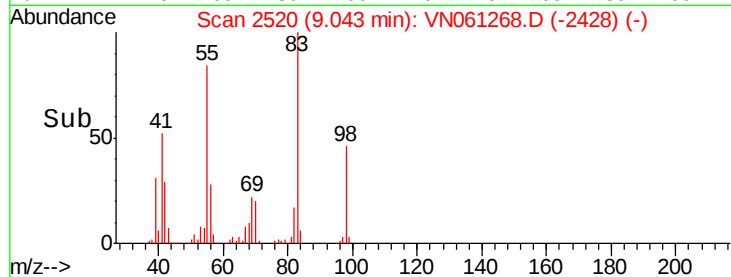
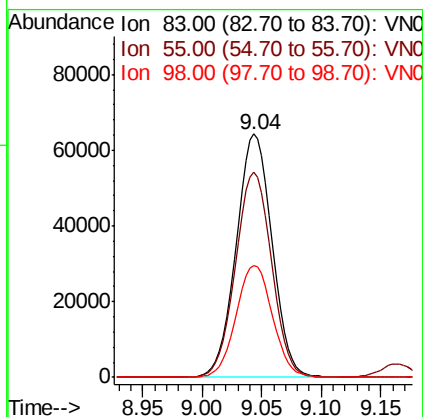
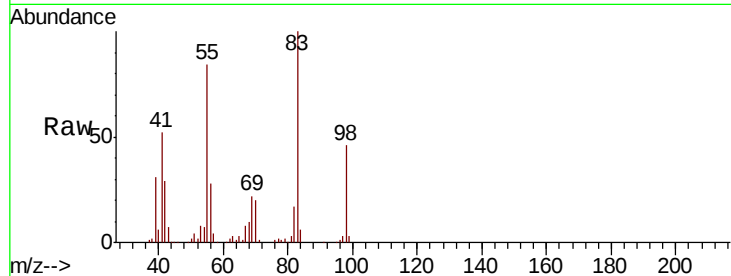




#39
Methvlcvclohexane
Concen: 56.907 ug/l
RT: 9.04 min Scan# 2520
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

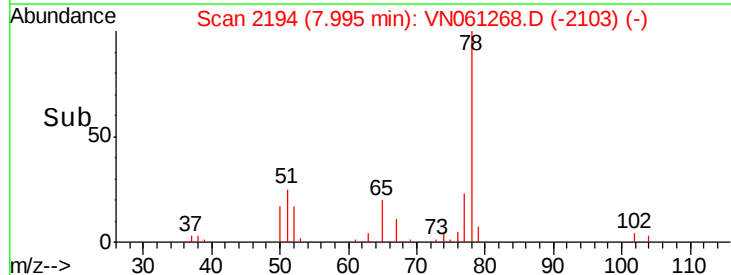
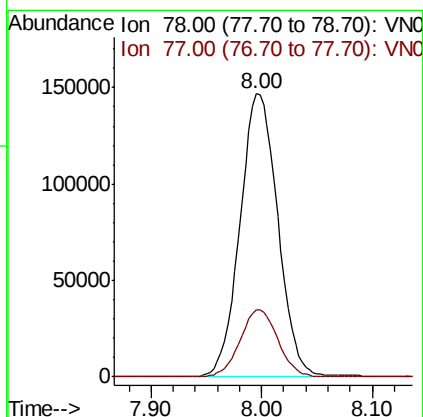
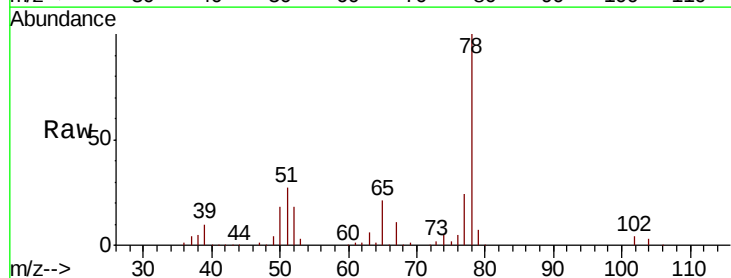
Instrument :
MSVOA_N
ClientSampled :

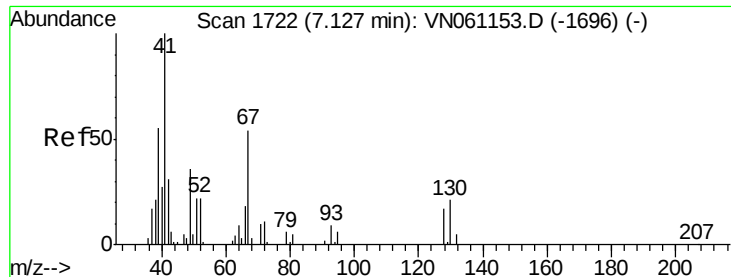
Tot Ion: 83 Resp: 134499
Ion Ratio Lower Upper
83 100
55 84.1 67.3 100.9
98 45.8 37.7 56.5



#40
Benzene
Concen: 55.500 ug/l
RT: 8.00 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 78 Resp: 348475
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

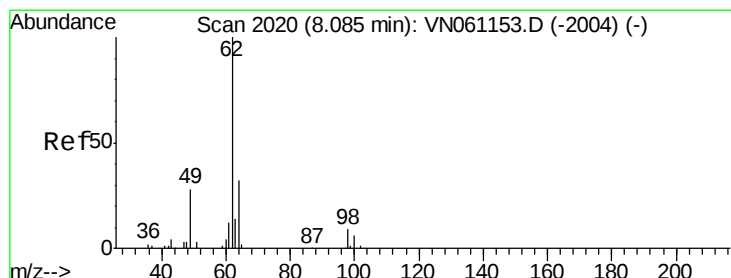
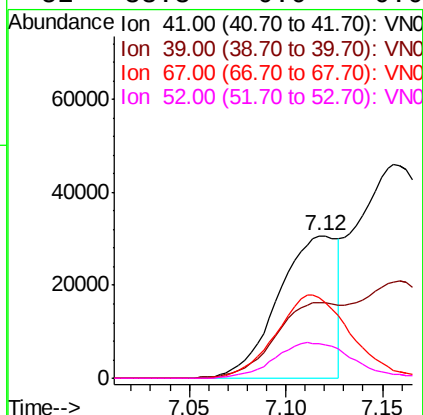
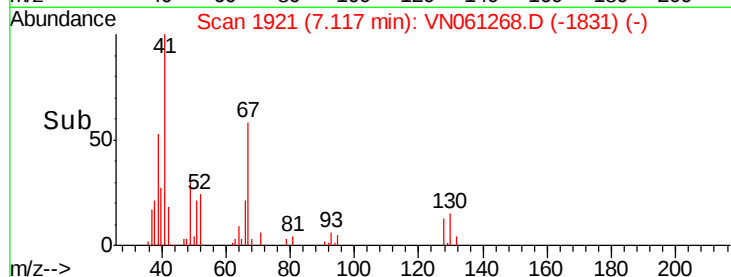
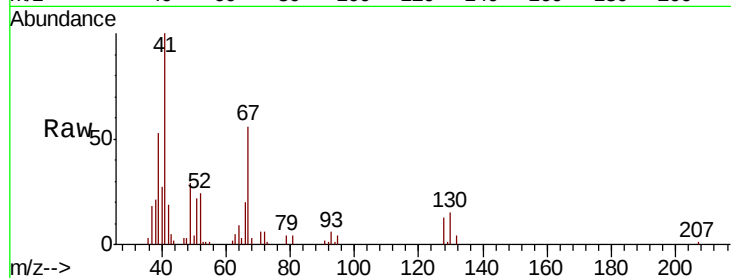




#41
Methacrylonitrile
Concen: 63.823 ug/l
RT: 7.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

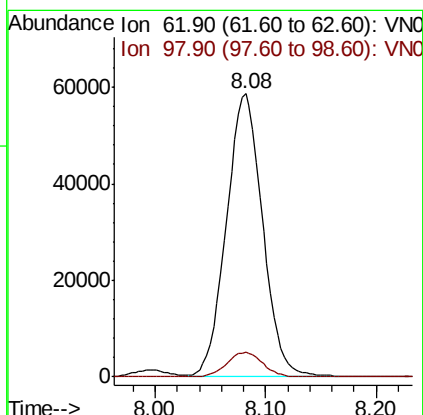
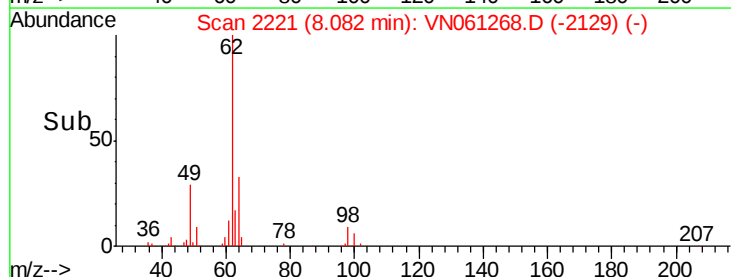
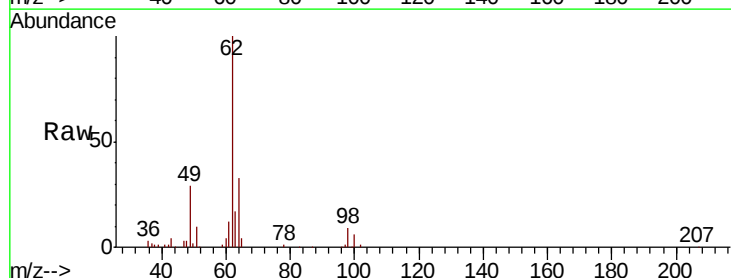
Instrument :
MSVOA_N
ClientSampled :

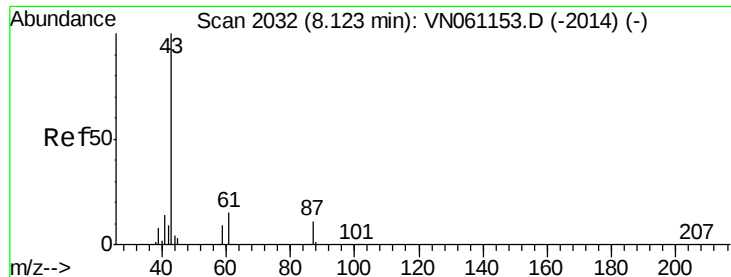
Tot Ion:	41	Resp:	65471
Ion	Ratio	Lower	Upper
41	100		
39	59.6	0.0	0.0#
67	74.1	0.0	0.0#
52	33.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 55.837 ug/l
RT: 8.08 min Scan# 2221
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion:	62	Resp:	132815
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 56.932 ug/l

RT: 8.12 min Scan# 2233

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

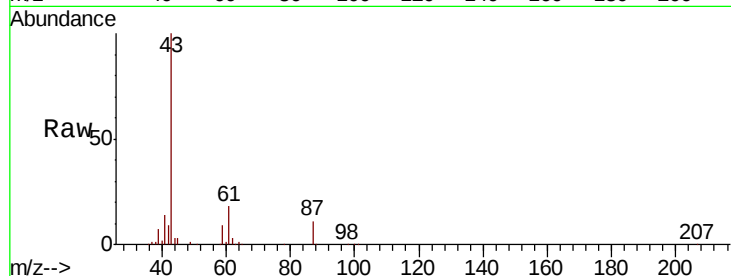
Tot Ion: 43 Resp: 233446

Ion Ratio Lower Upper

43 100

61 24.4 19.5 29.3

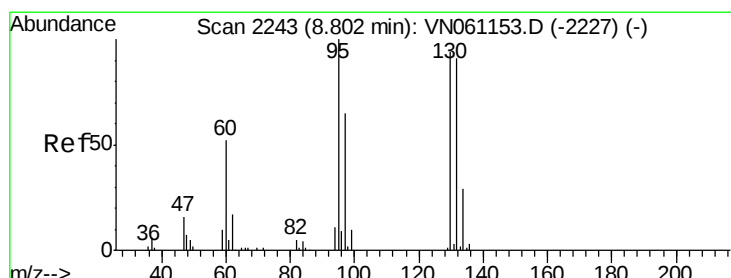
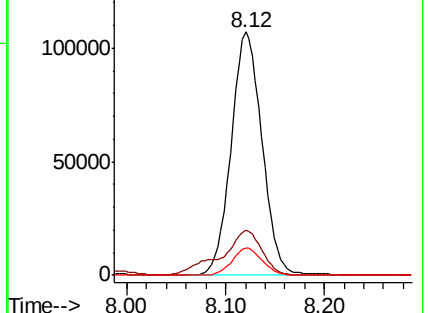
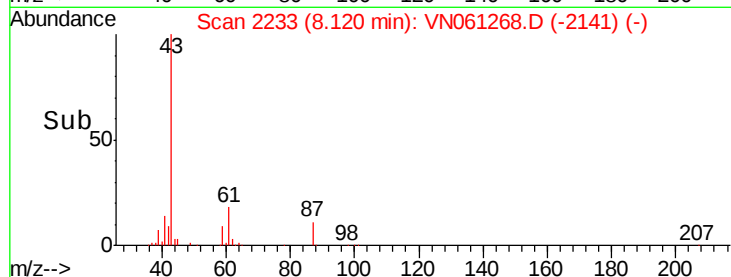
87 10.9 8.9 13.3



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: 52.653 ug/l

RT: 8.80 min Scan# 2444

Delta R.T. -0.00 min

Lab File: VN061268.D

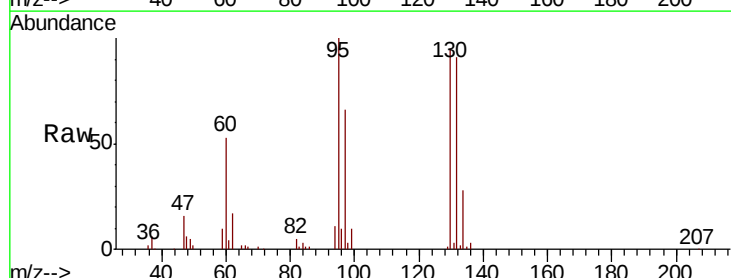
Acq: 4 May 2020 10:44

Tgt Ion:130 Resp: 89369

Ion Ratio Lower Upper

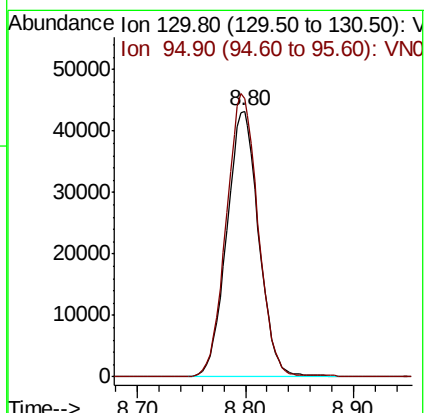
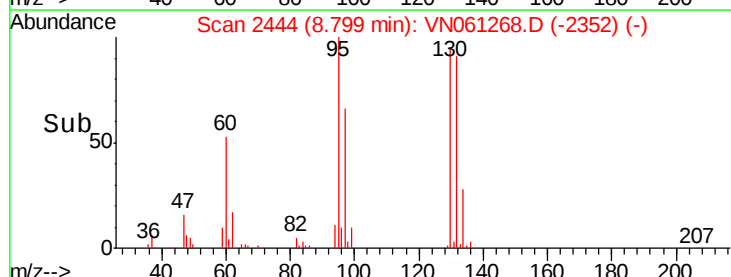
130 100

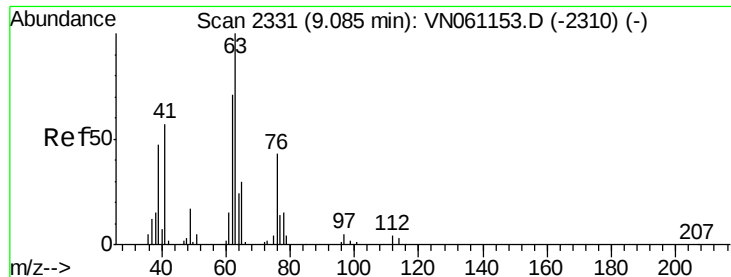
95 104.9 0.0 212.4



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: 57.418 ug/l

RT: 9.08 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

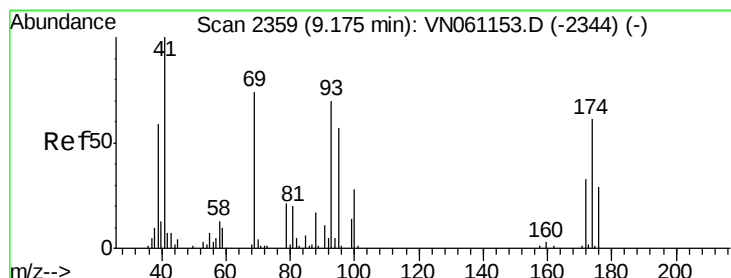
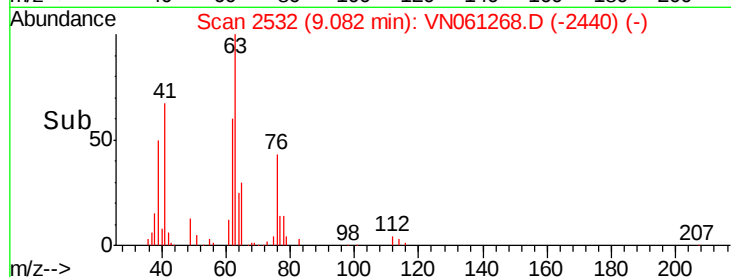
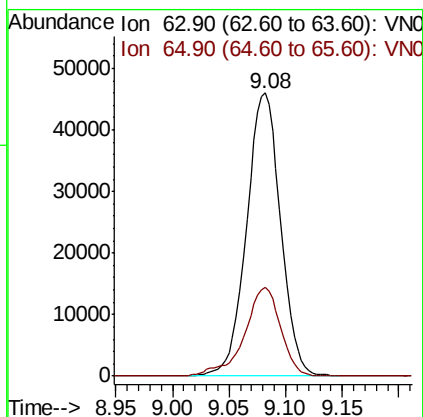
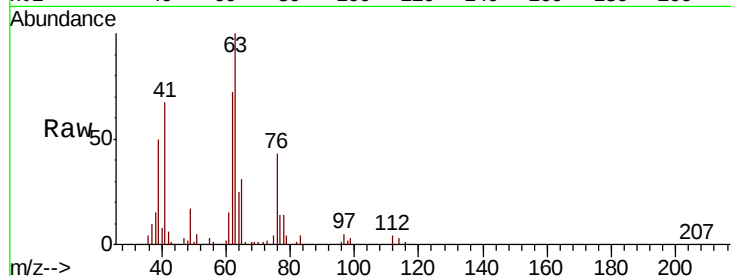
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 96314

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 56.834 ug/l

RT: 9.17 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

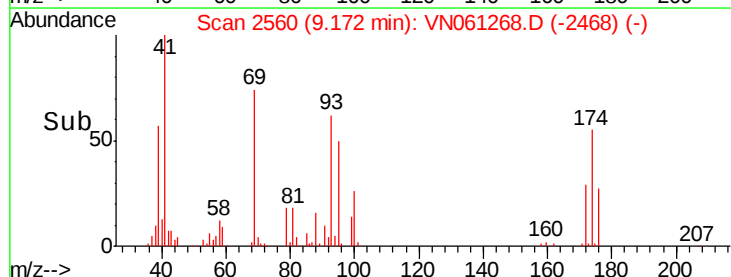
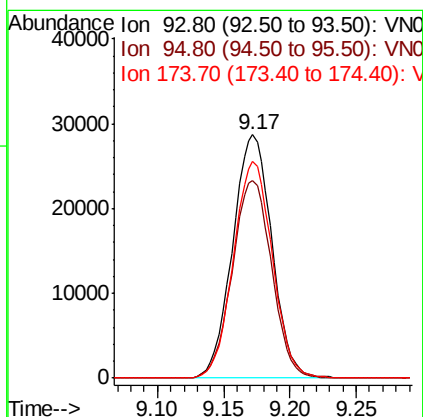
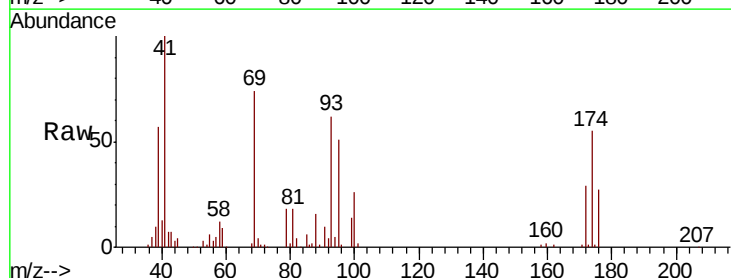
Tgt Ion: 93 Resp: 59029

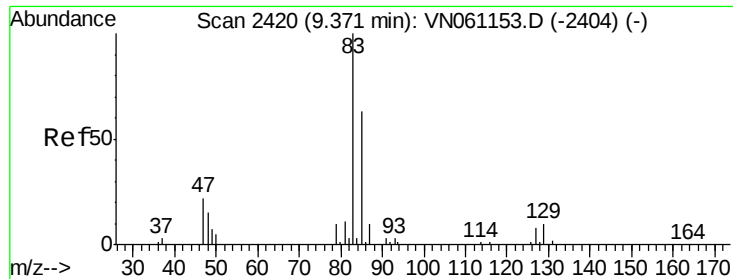
Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

174 88.4 70.2 105.2





#47

Bromodichloromethane

Concen: 57.517 ug/l

RT: 9.36 min Scan# 2620

Delta R.T. -0.01 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

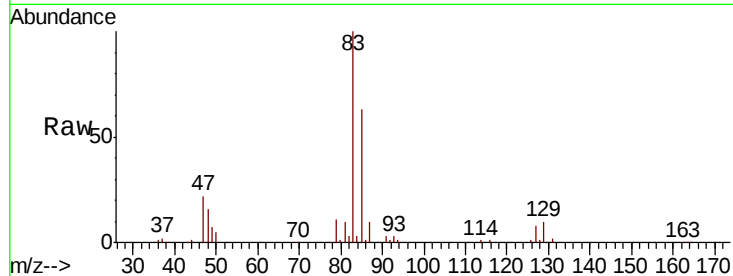
Tot Ion: 83 Resp: 128221

Ion Ratio Lower Upper

83 100

85 63.2 50.4 75.6

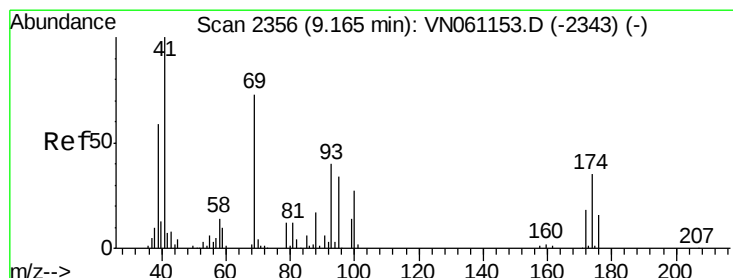
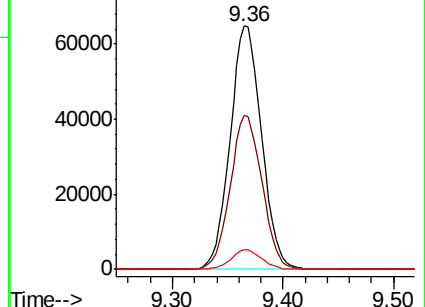
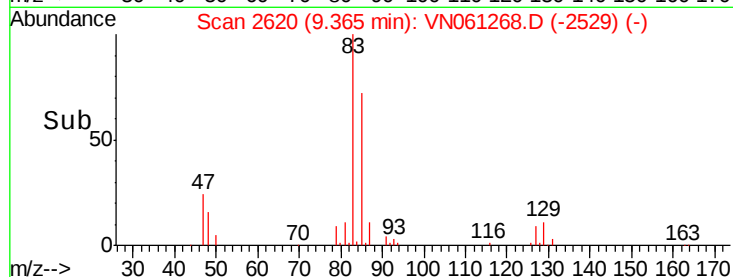
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 58.048 ug/l

RT: 9.16 min Scan# 2557

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

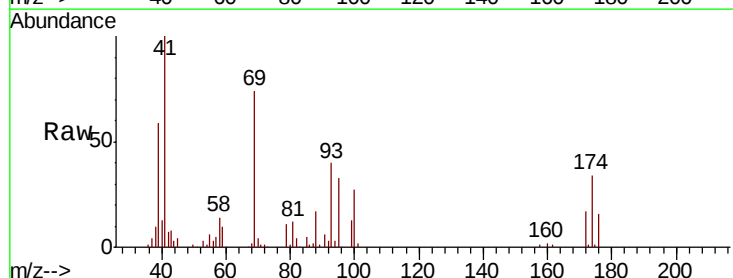
Tgt Ion: 41 Resp: 107407

Ion Ratio Lower Upper

41 100

69 75.3 60.3 90.5

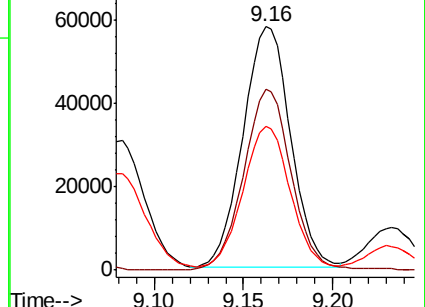
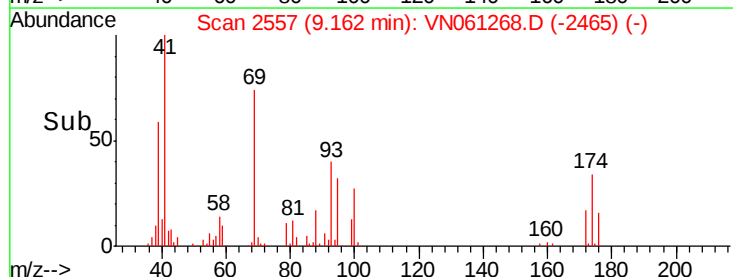
39 60.2 47.4 71.0

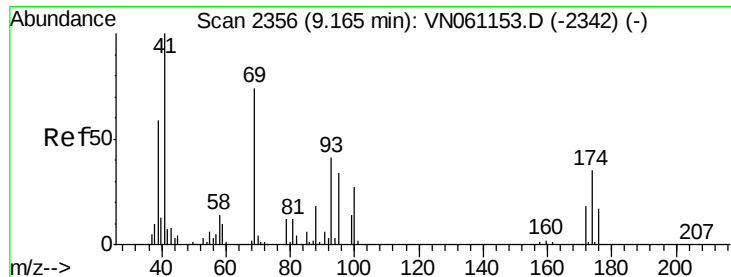


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

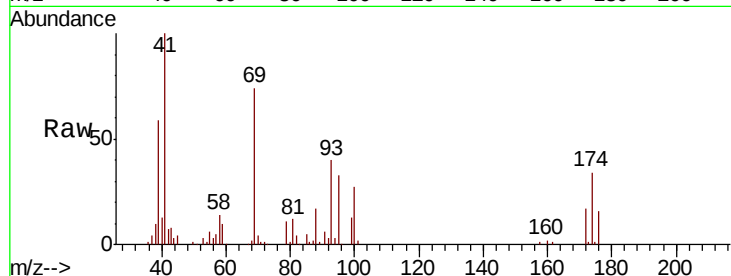




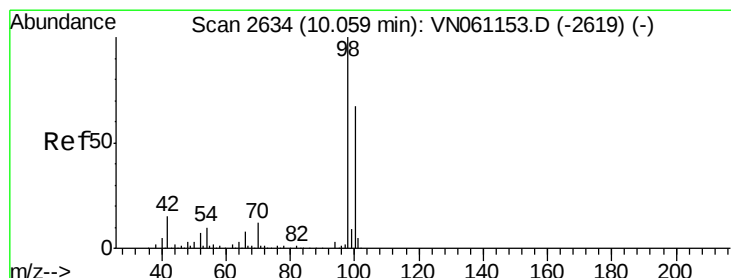
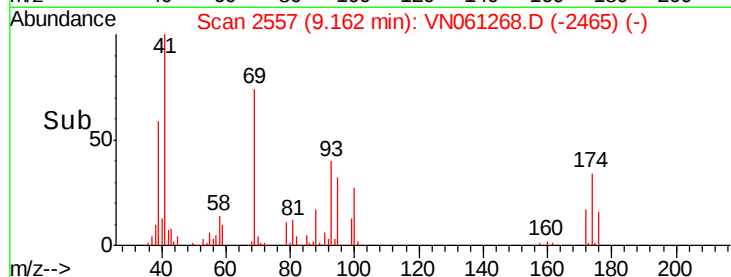
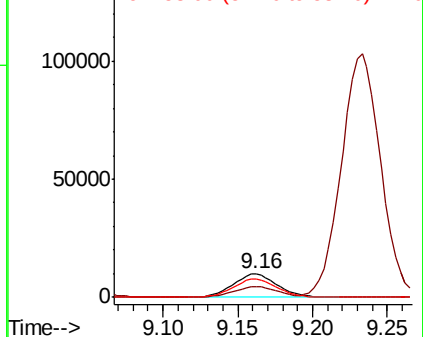
#49
1,4-Dioxane
Concen: 970.560 ug/l
RT: 9.16 min Scan# 2557
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 20385
Ion Ratio Lower Upper
88 100
43 45.8 35.3 52.9
58 78.2 61.5 92.3

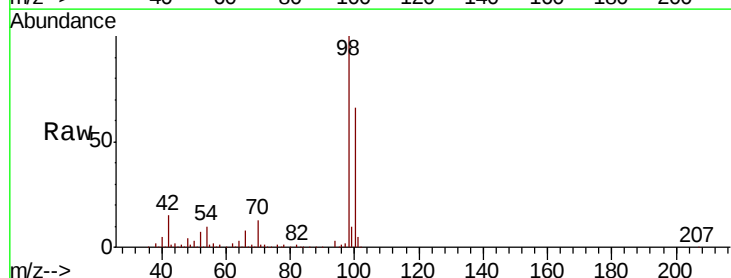


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

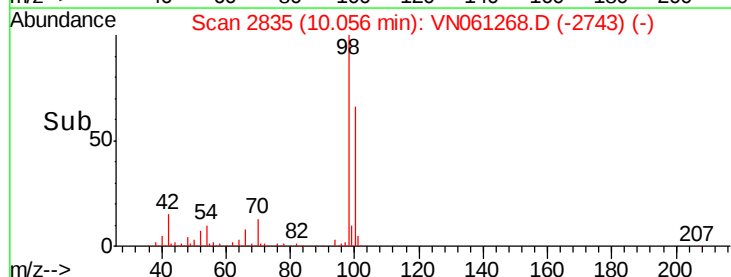
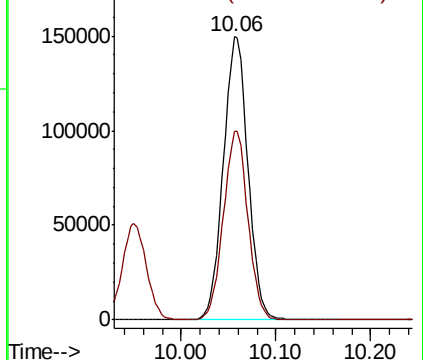


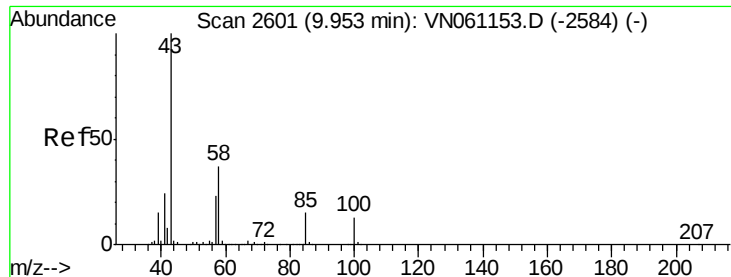
#50
Toluene-d8
Concen: 53.393 ug/l
RT: 10.06 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 98 Resp: 270965
Ion Ratio Lower Upper
98 100
100 66.5 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: 292.332 ug/l

RT: 9.95 min Scan# 2802

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

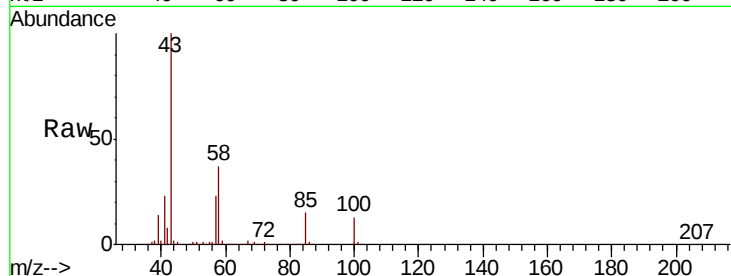
ClientSampled :

Tot Ion: 43 Resp: 705561

Ion Ratio Lower Upper

43 100

58 36.6 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

400000

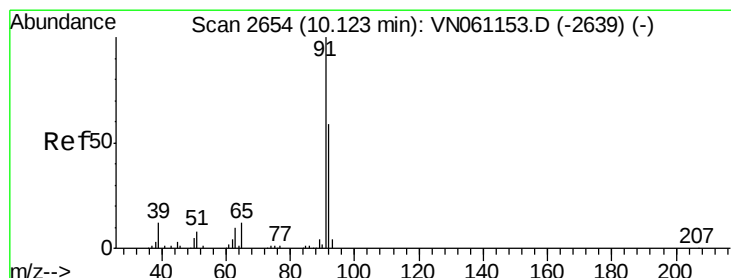
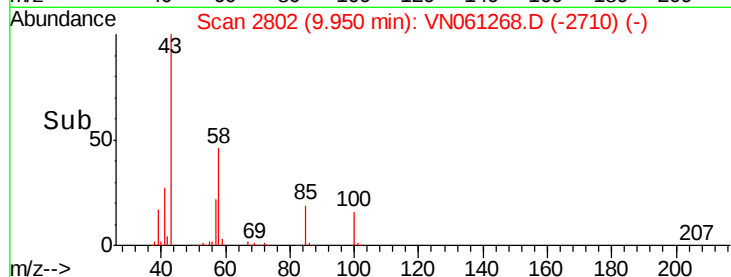
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 57.190 ug/l

RT: 10.12 min Scan# 2855

Delta R.T. -0.00 min

Lab File: VN061268.D

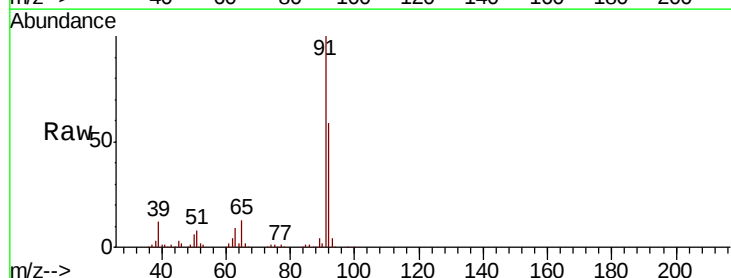
Acq: 4 May 2020 10:44

Tgt Ion: 92 Resp: 216286

Ion Ratio Lower Upper

92 100

91 170.4 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

200000

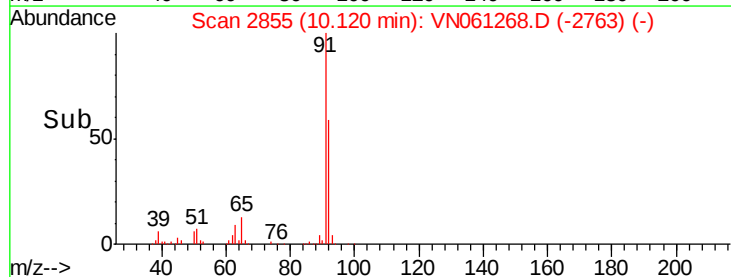
150000

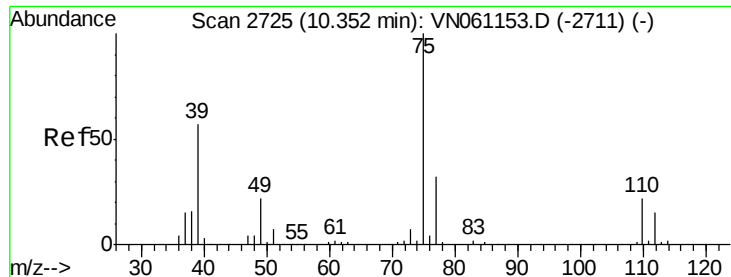
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 58.231 ug/l

RT: 10.35 min Scan# 2926

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

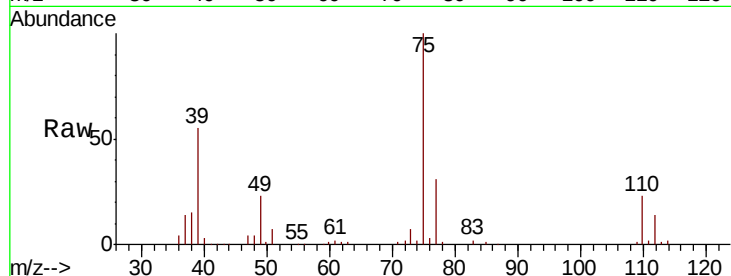
ClientSampleId :

Tot Ion: 75 Resp: 146272

Ion Ratio Lower Upper

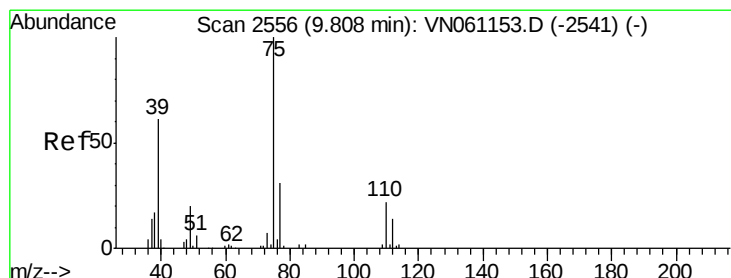
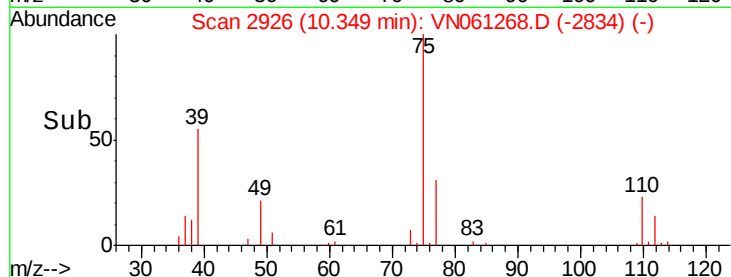
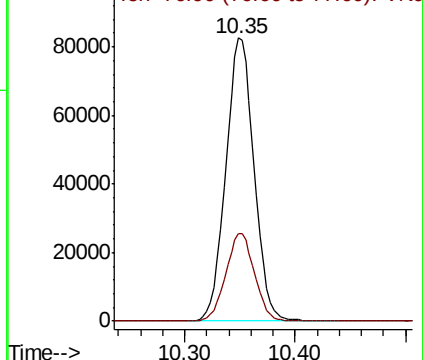
75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 58.006 ug/l

RT: 9.81 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

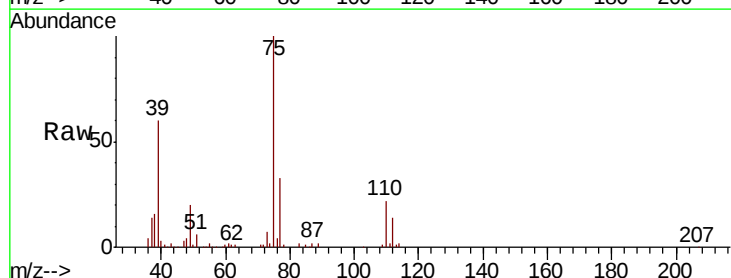
Tgt Ion: 75 Resp: 154041

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

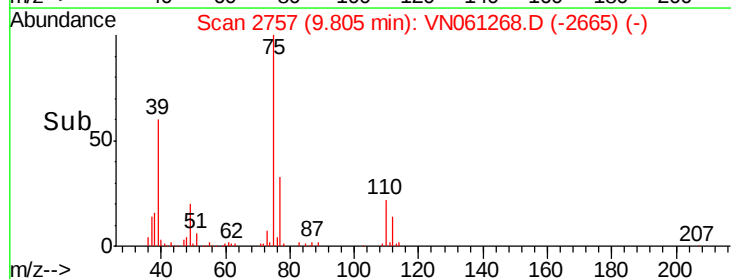
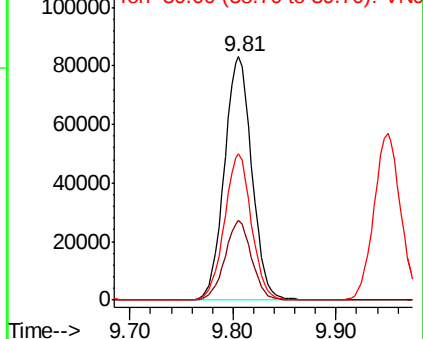
39 60.3 48.7 73.1

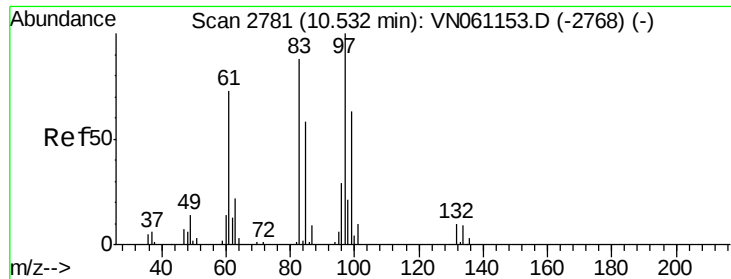


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

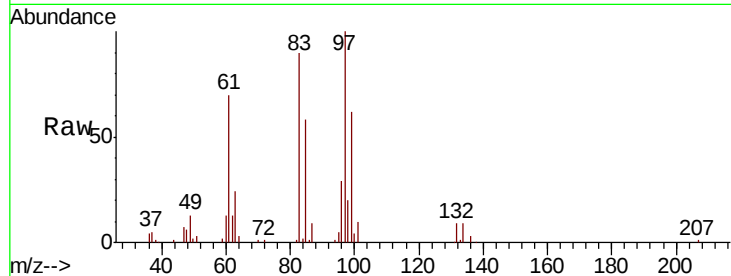




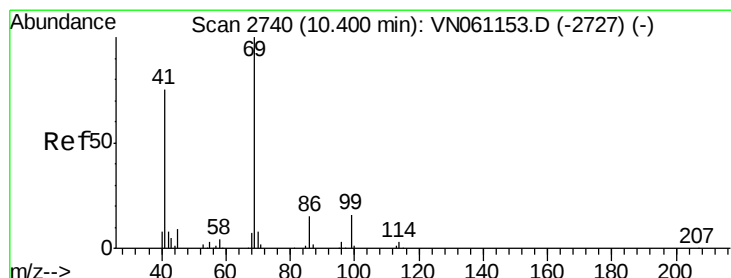
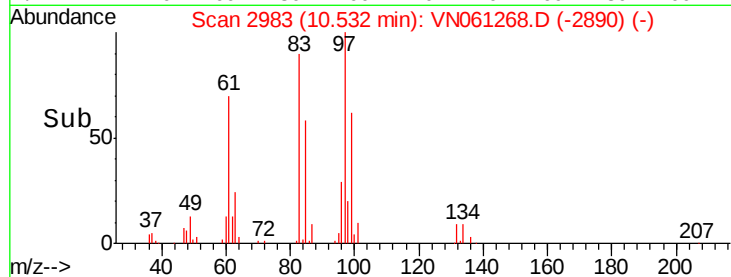
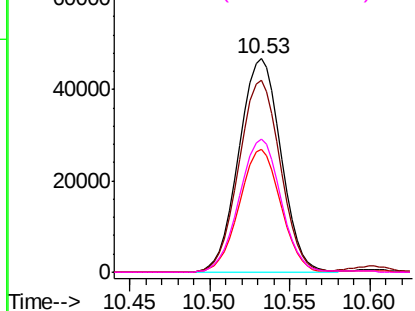
#55
 1,1,2-Trichloroethane
 Concen: 55.718 ug/l
 RT: 10.53 min Scan# 2983
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 84050
 Ion Ratio Lower Upper
 97 100
 83 89.8 70.6 106.0
 85 57.7 46.4 69.6
 99 62.2 50.6 75.8

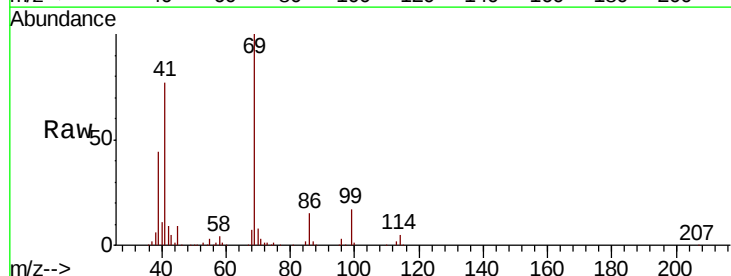


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

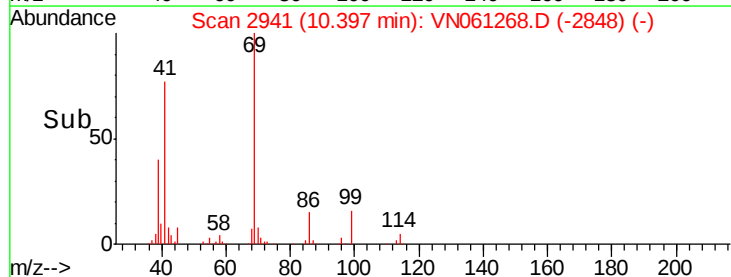
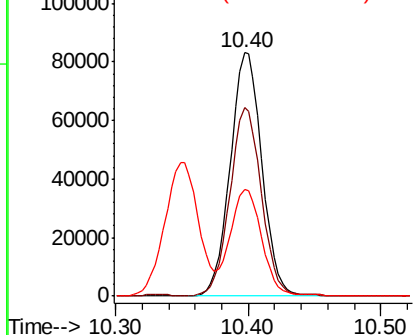


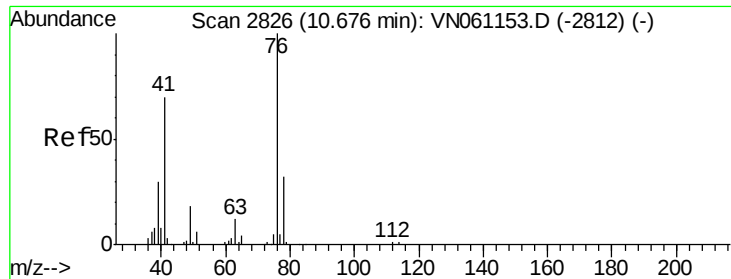
#56
 Ethyl methacrylate
 Concen: 52.416 ug/l
 RT: 10.40 min Scan# 2941
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 69 Resp: 138150
 Ion Ratio Lower Upper
 69 100
 41 76.0 60.3 90.5
 39 43.8 35.9 53.9



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

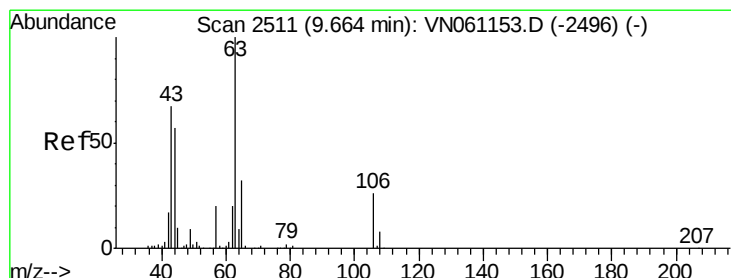
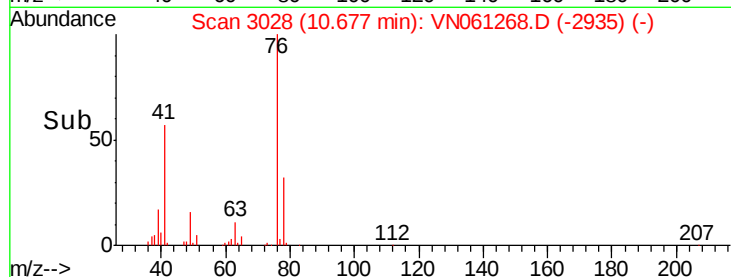
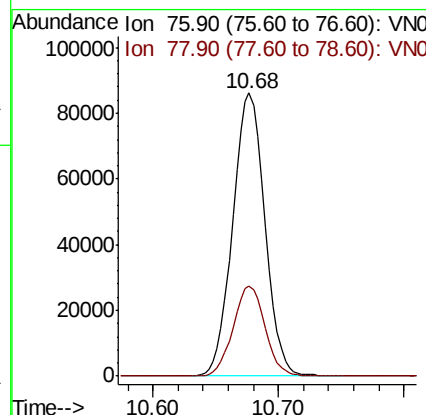
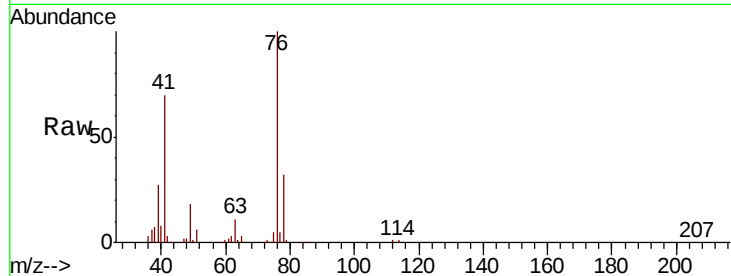




#57
 1,3-Dichloropropane
 Concen: 57.664 ug/l
 RT: 10.68 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

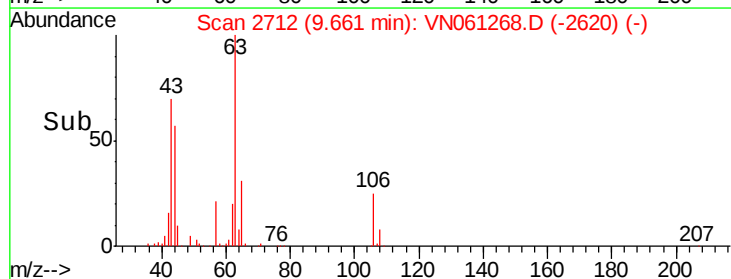
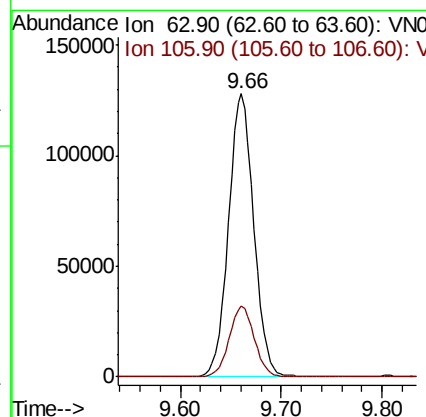
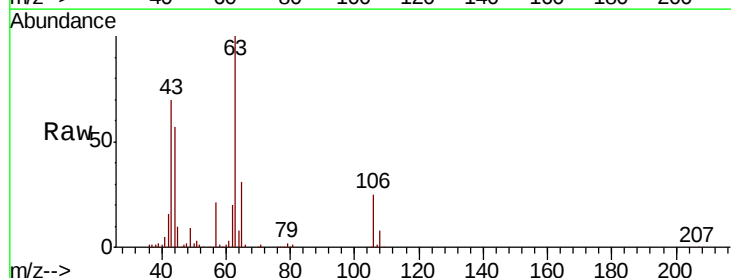
Instrument :
 MSVOA_N
 ClientSampleId :

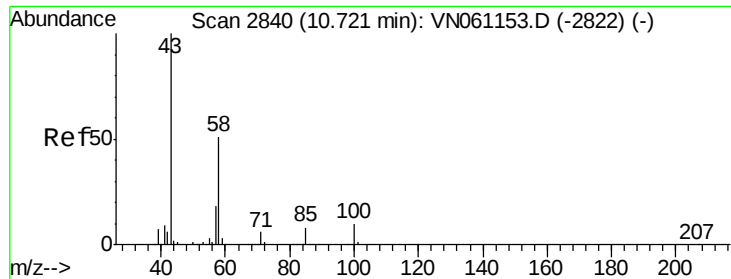
Tot Ion: 76 Resp: 152899
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 183.276 ug/l
 RT: 9.66 min Scan# 2712
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 63 Resp: 223788
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.6 30.8

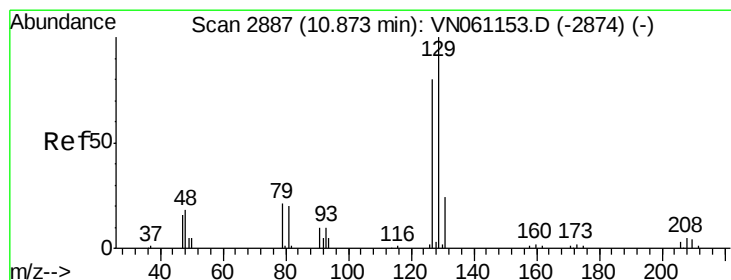
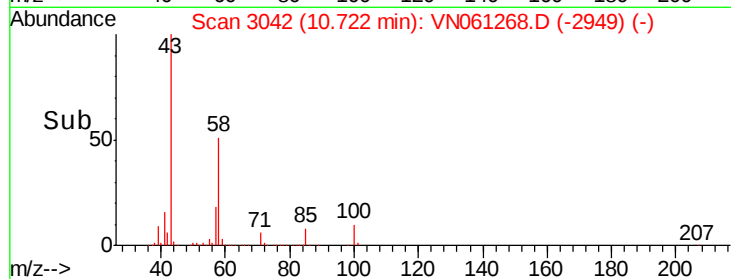
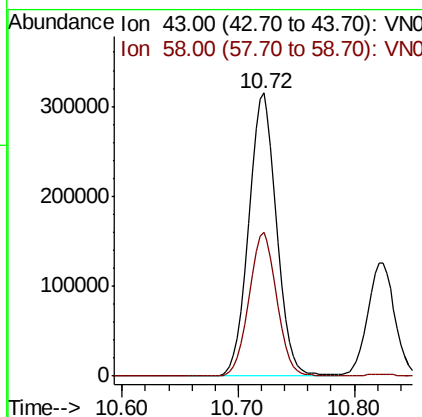
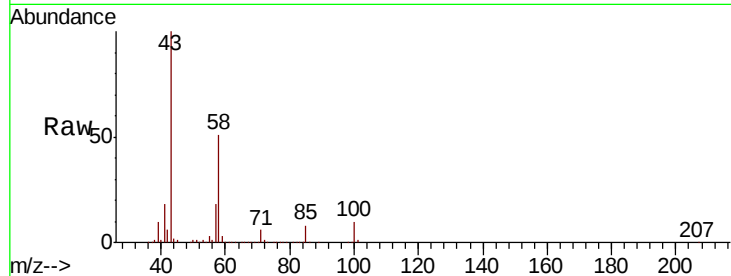




#59
2-Hexanone
Concen: 300.894 ug/l
RT: 10.72 min Scan# 3042
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

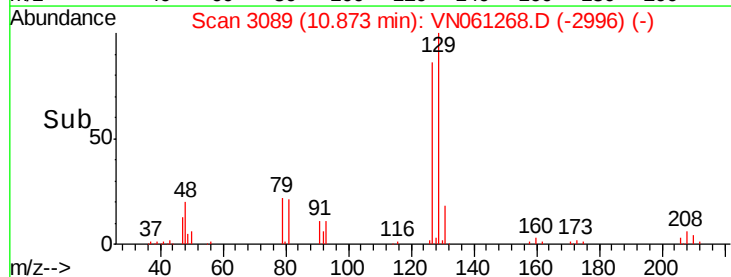
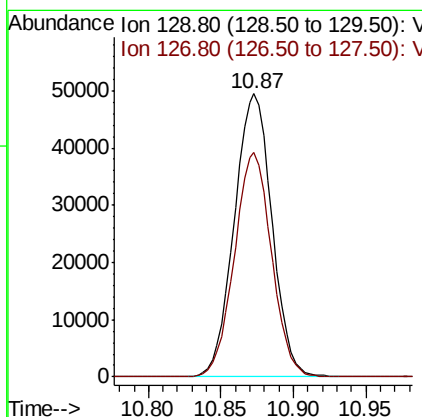
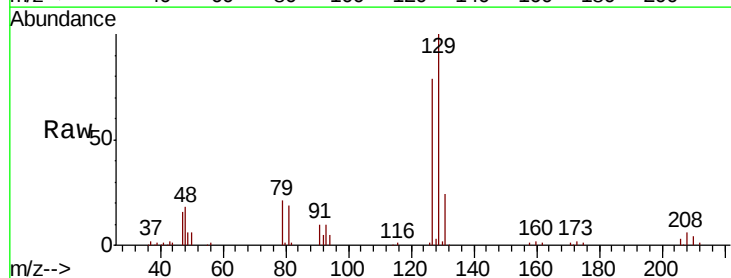
Instrument :
MSVOA_N
ClientSampleId :

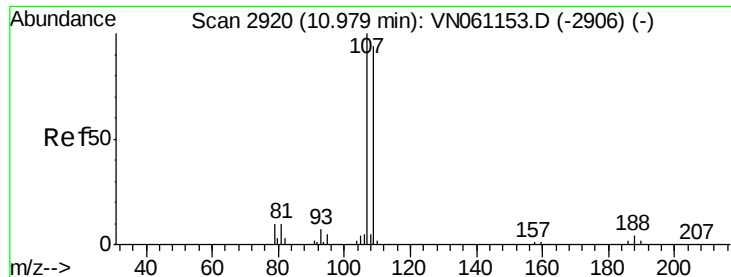
Tot Ion: 43 Resp: 528343
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.4



#60
Dibromochloromethane
Concen: 56.565 ug/l
RT: 10.87 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 129 Resp: 89368
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.8

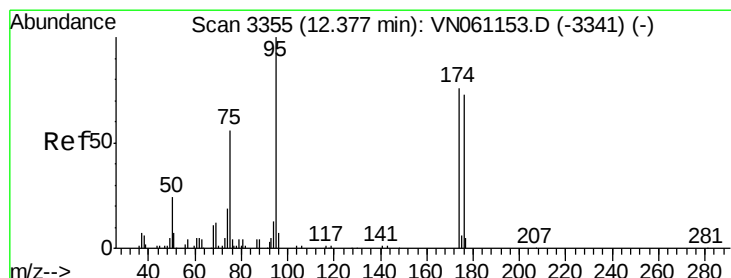
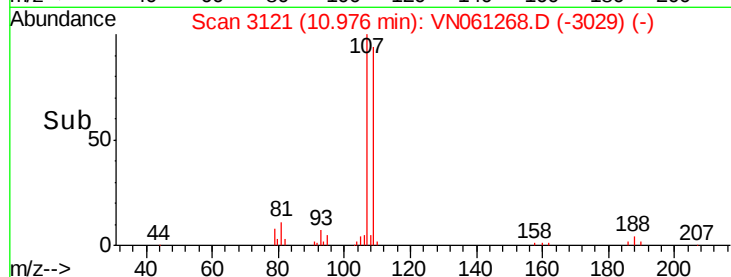
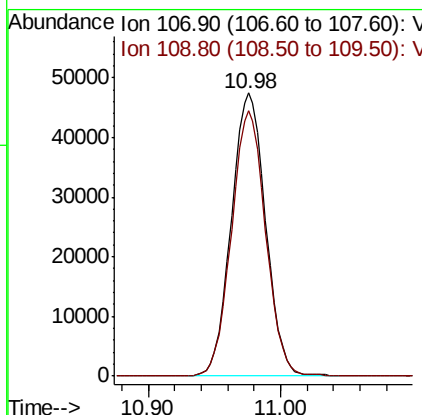
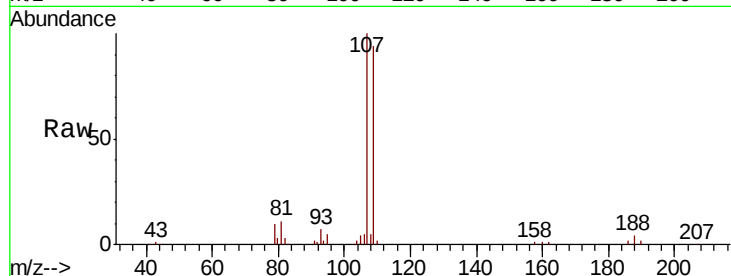




#61
 1,2-Dibromoethane
 Concen: 56.167 ug/l
 RT: 10.98 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

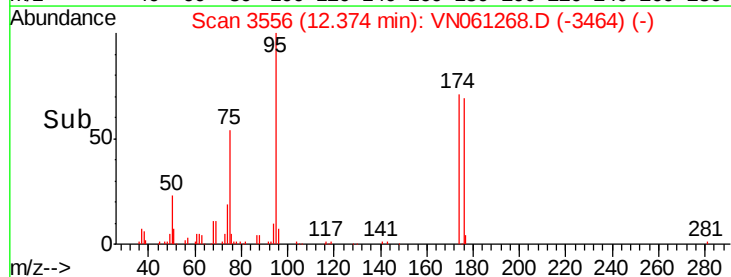
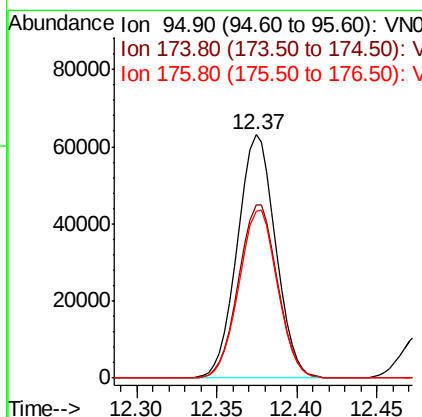
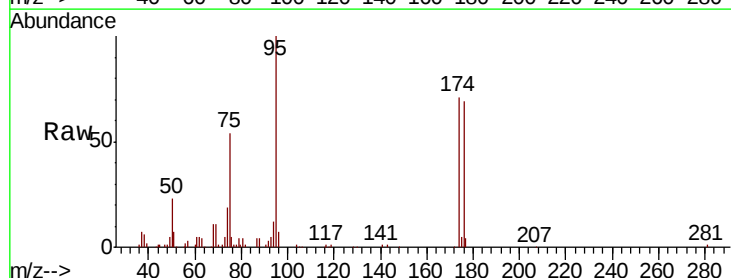
Instrument :
 MSVOA_N
 ClientSampled :

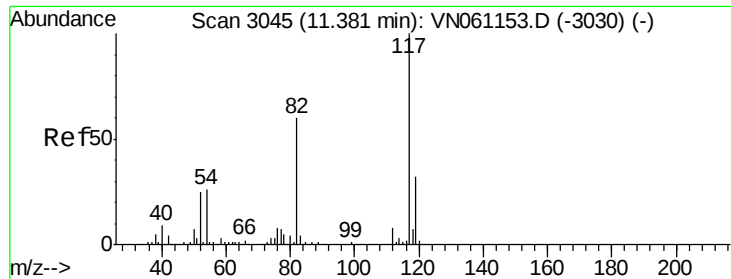
Tot Ion:107 Resp: 84922
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 53.616 ug/l
 RT: 12.37 min Scan# 3556
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 95 Resp: 102395
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 149.4
 176 69.9 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3246

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

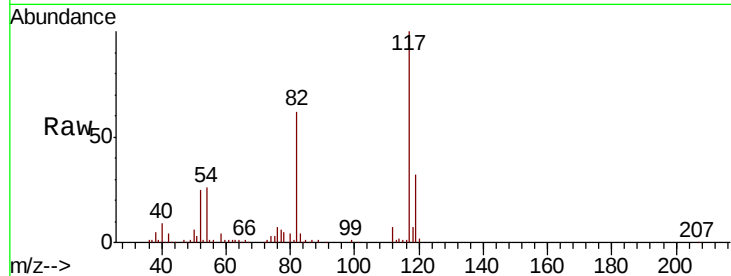
Tot Ion:117 Resp: 197581

Ion Ratio Lower Upper

117 100

82 62.1 47.8 71.8

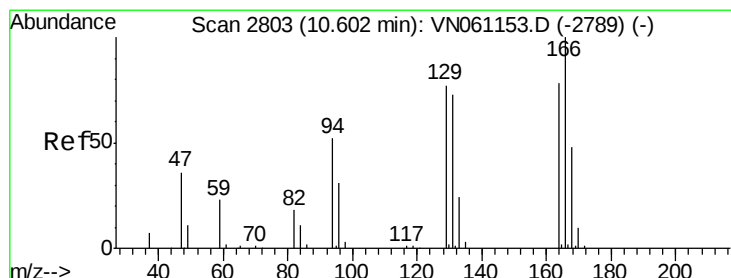
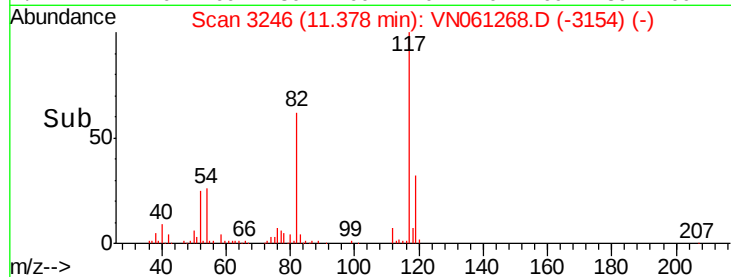
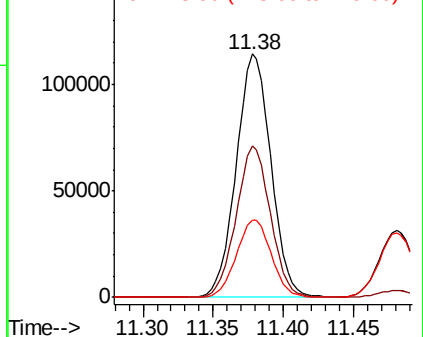
119 31.8 25.8 38.6



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: 51.670 ug/l

RT: 10.60 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion:164 Resp: 88422

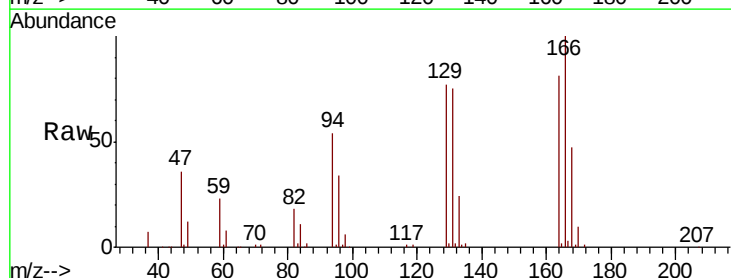
Ion Ratio Lower Upper

164 100

166 124.2 102.0 153.0

129 96.2 78.2 117.2

131 93.2 74.5 111.7

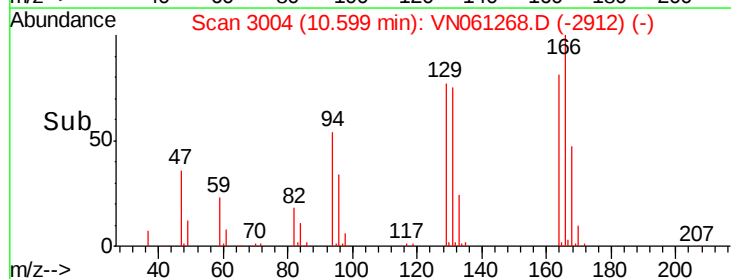
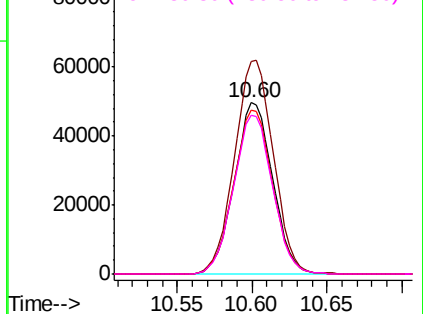


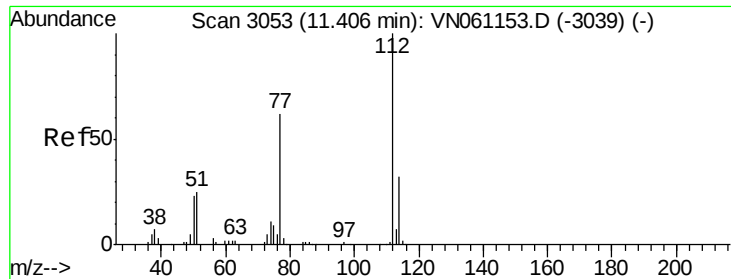
Abundance Ion 163.80 (163.50 to 164.50): V

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

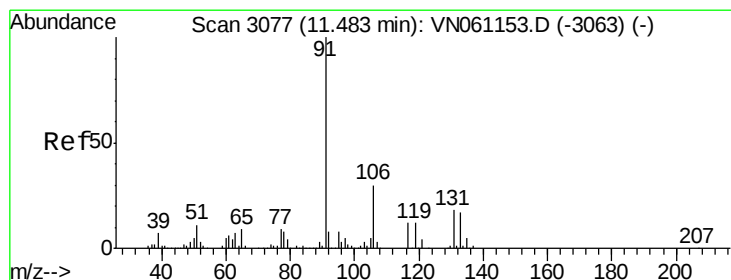
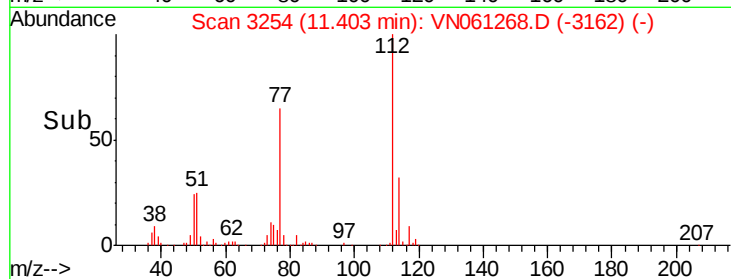
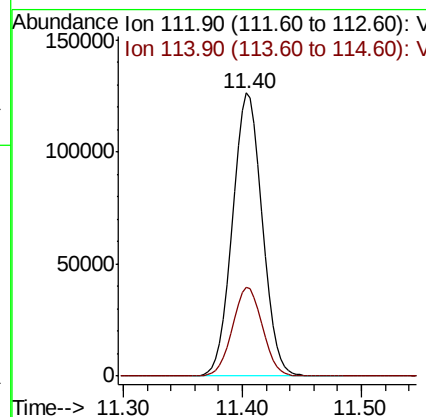
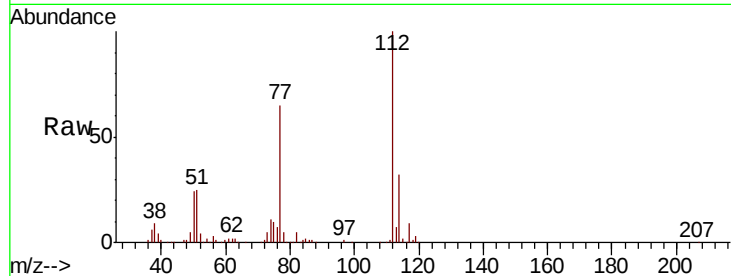




#65
Chlorobenzene
Concen: 55.947 ug/l
RT: 11.40 min Scan# 3254
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

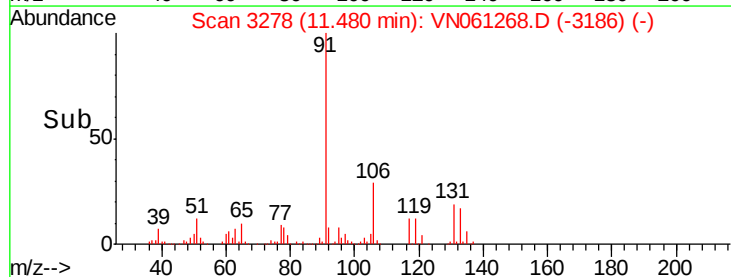
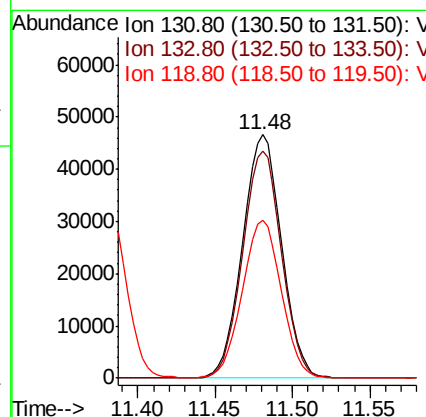
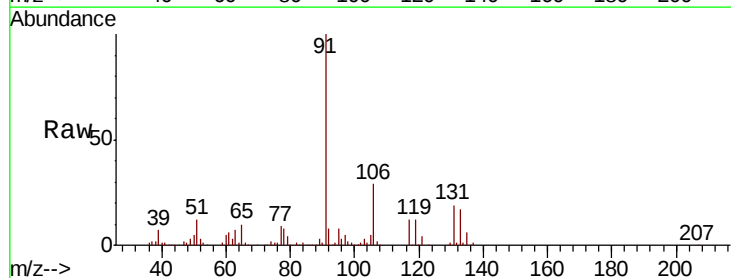
Instrument :
MSVOA_N
ClientSampled :

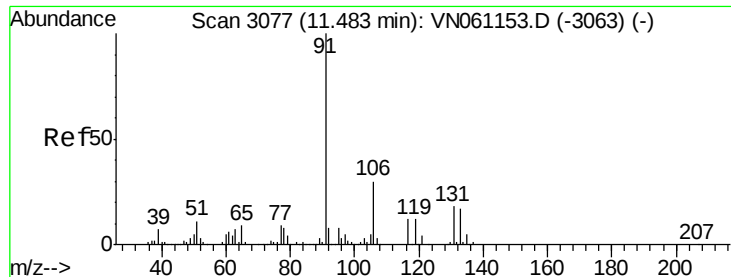
Tot Ion:112 Resp: 219275
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 58.233 ug/l
RT: 11.48 min Scan# 3278
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion:131 Resp: 81687
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.2
119 65.0 32.6 97.8





#67

Ethyl Benzene

Concen: 57.714 ug/l

RT: 11.48 min Scan# 3279

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

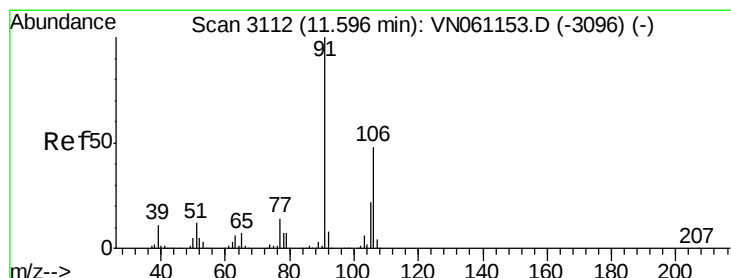
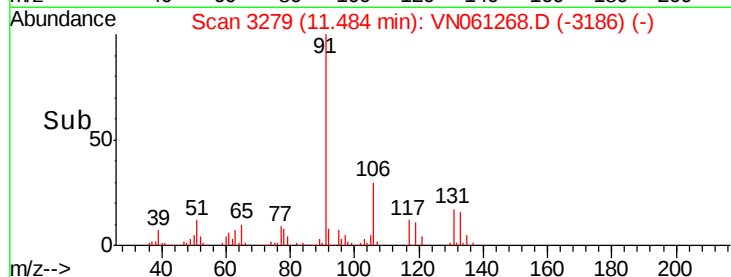
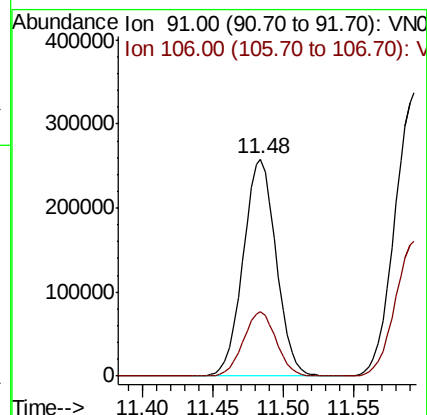
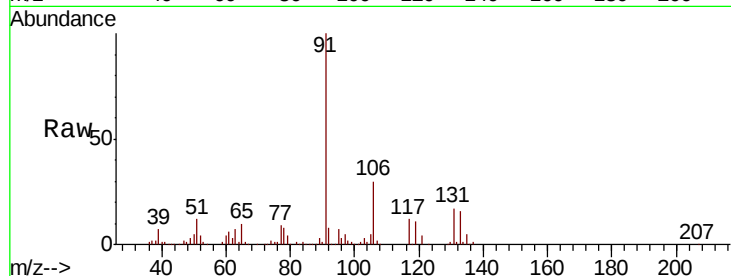
ClientSampleId :

Tot Ion: 91 Resp: 423445

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 115.653 ug/l

RT: 11.59 min Scan# 3313

Delta R.T. -0.00 min

Lab File: VN061268.D

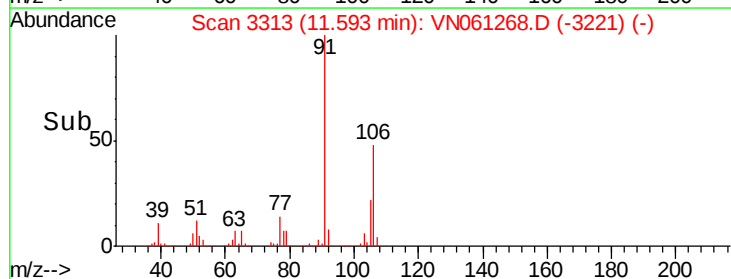
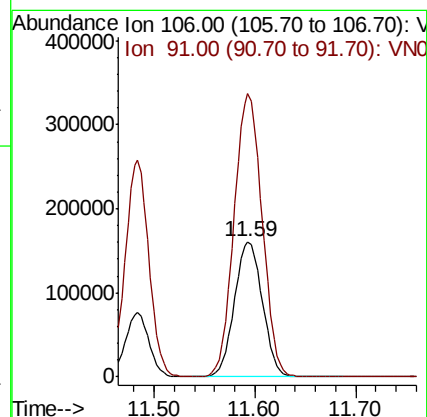
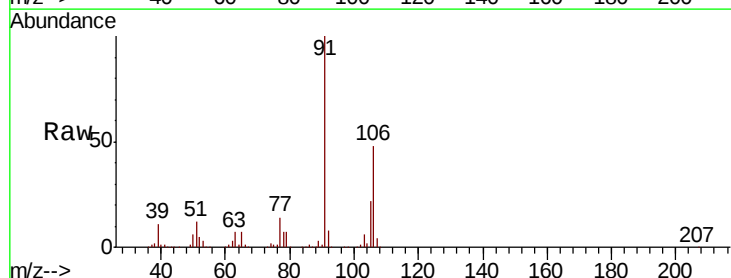
Acq: 4 May 2020 10:44

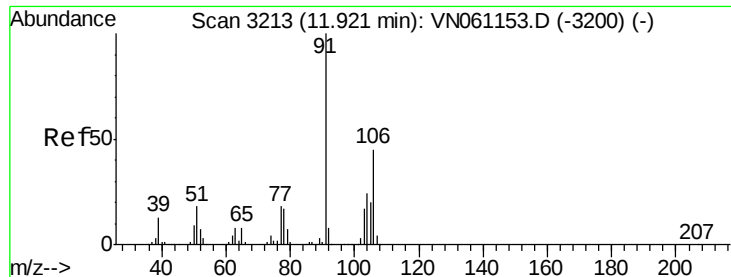
Tgt Ion: 106 Resp: 310592

Ion Ratio Lower Upper

106 100

91 210.4 166.4 249.6

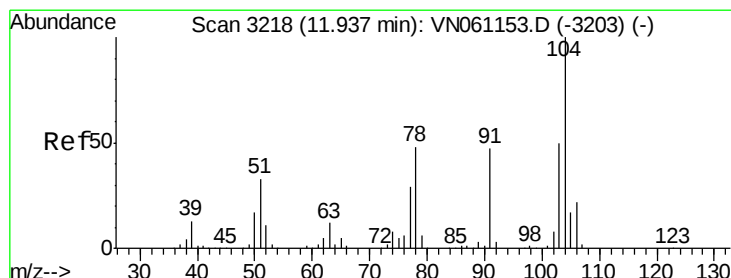
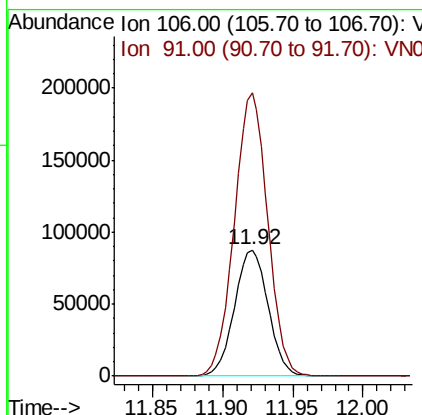
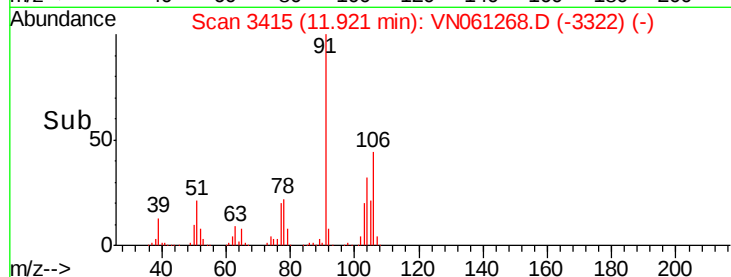
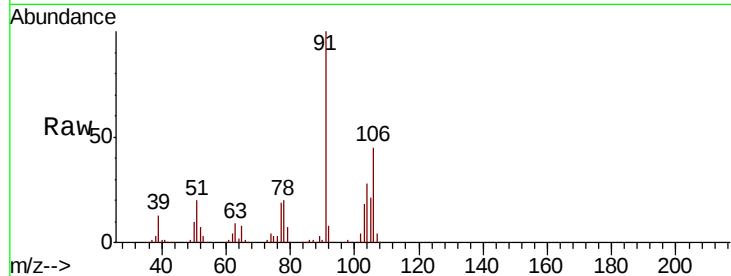




#69
o-Xylene
Concen: 56.790 ug/l
RT: 11.92 min Scan# 3415
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

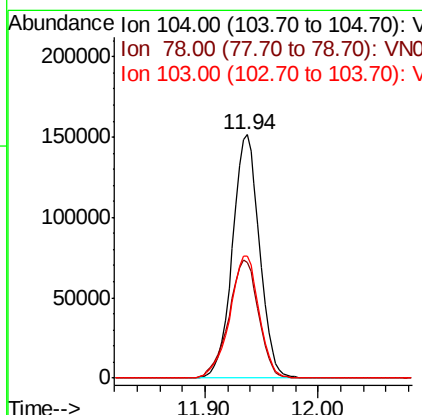
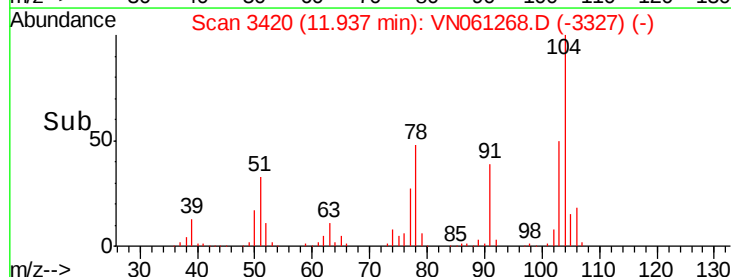
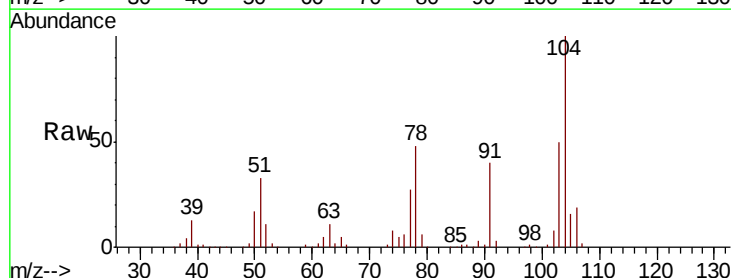
Instrument :
MSVOA_N
ClientSampled :

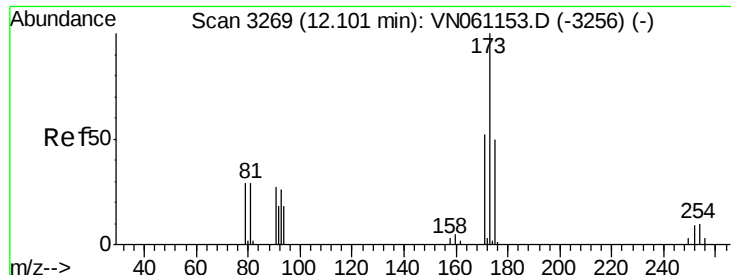
Tot Ion:106 Resp: 146498
Ion Ratio Lower Upper
106 100
91 222.8 109.7 329.0



#70
Styrene
Concen: 58.323 ug/l
RT: 11.94 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion:104 Resp: 251811
Ion Ratio Lower Upper
104 100
78 53.7 42.1 63.1
103 54.4 43.3 64.9





#71

Bromoform

Concen: 58.695 ug/l

RT: 12.10 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

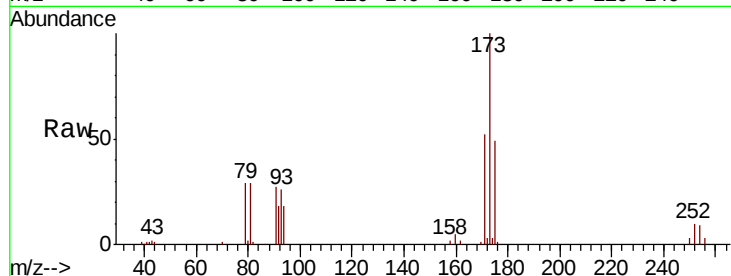
Tot Ion:173 Resp: 60512

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

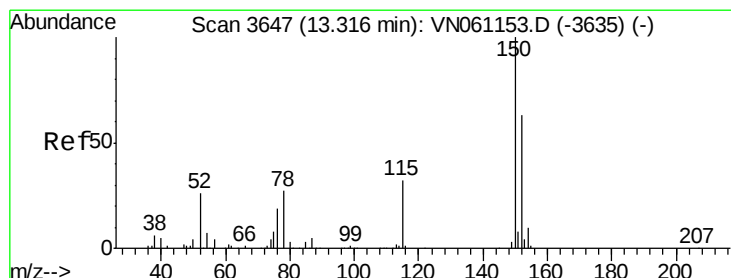
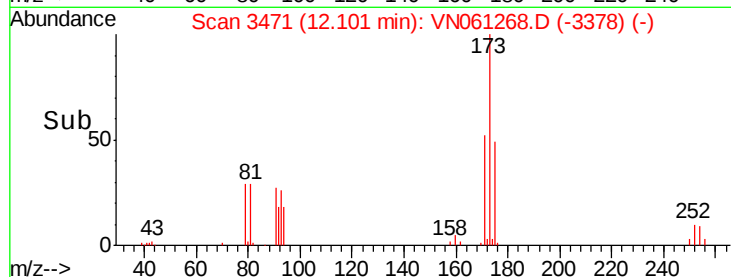
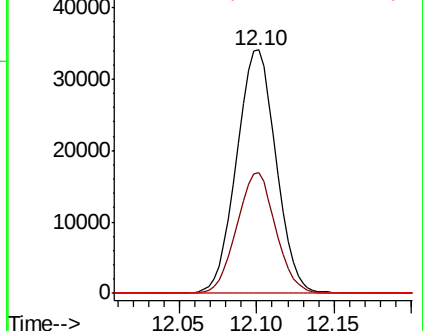
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3849

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

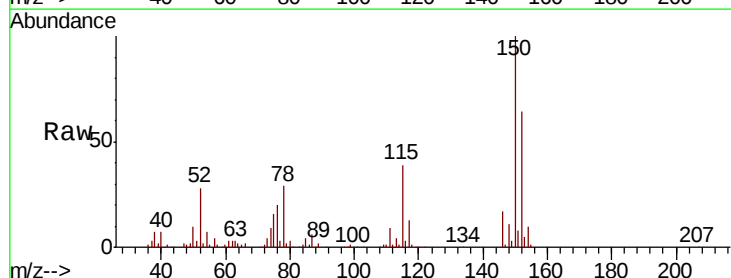
Tgt Ion:152 Resp: 96843

Ion Ratio Lower Upper

152 100

115 62.1 31.0 93.0

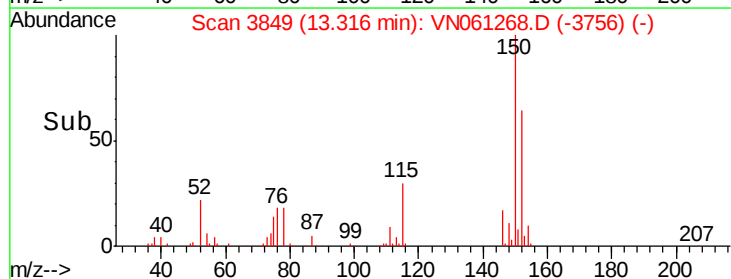
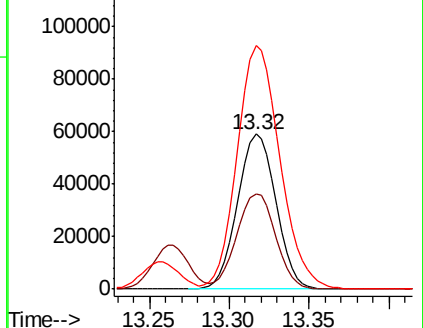
150 174.9 0.0 351.8

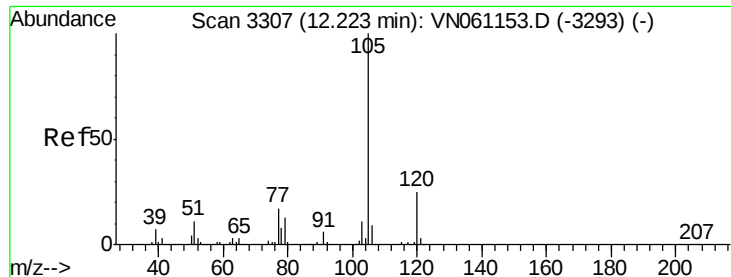


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.750 ug/l

RT: 12.22 min Scan# 3509

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

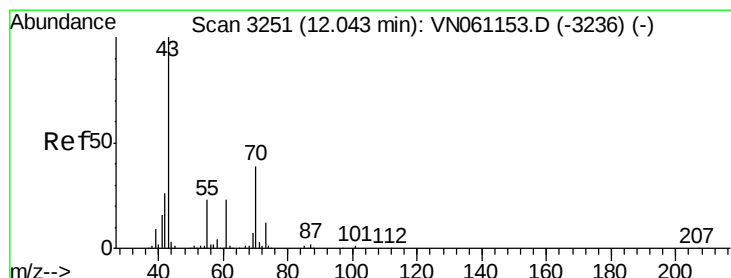
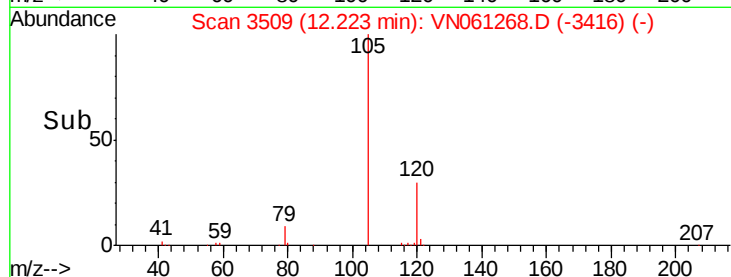
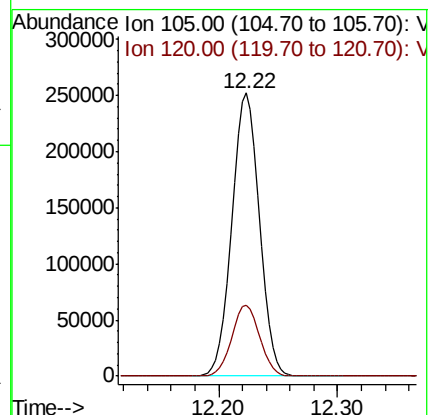
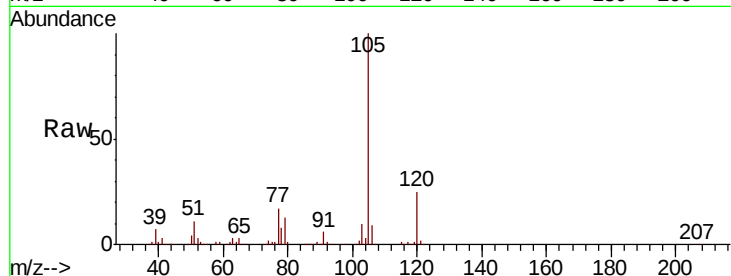
ClientSampled :

Tot Ion:105 Resp: 404025

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 57.794 ug/l

RT: 12.04 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Tgt Ion: 43 Resp: 208352

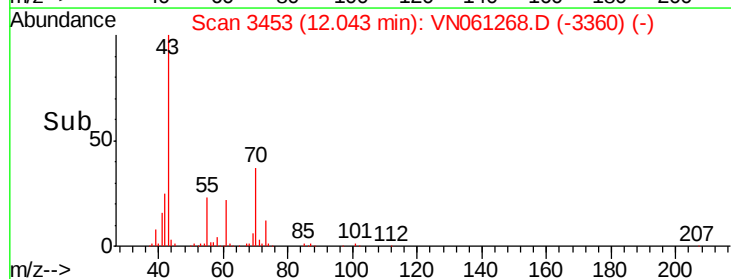
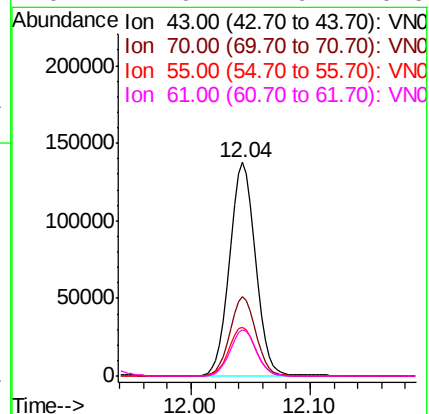
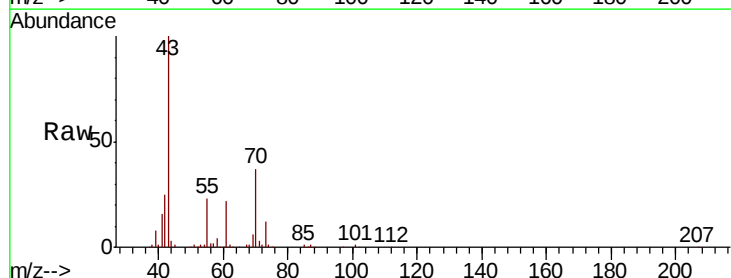
Ion Ratio Lower Upper

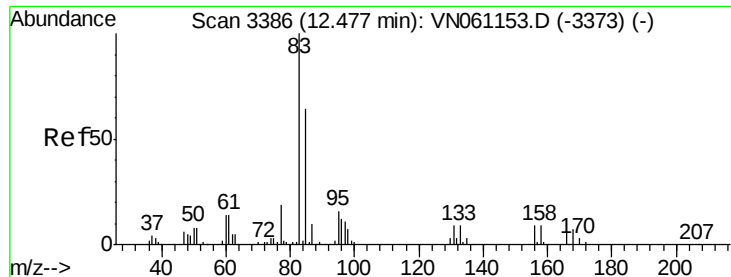
43 100

70 37.2 30.6 46.0

55 23.6 18.5 27.7

61 21.9 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 55.534 ug/l

RT: 12.48 min Scan# 3588

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

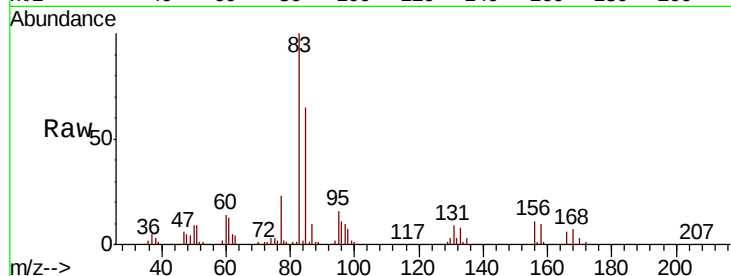
Tot Ion: 83 Resp: 123282

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

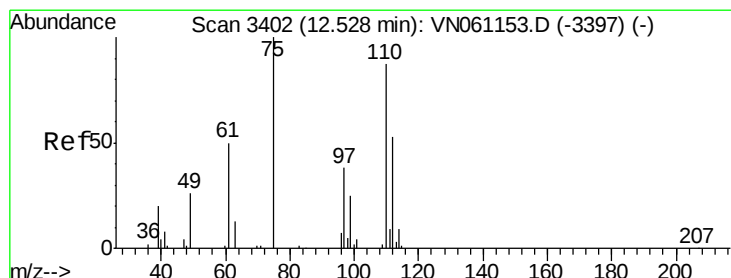
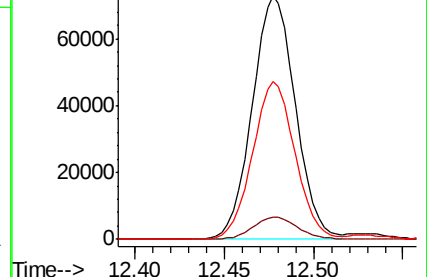
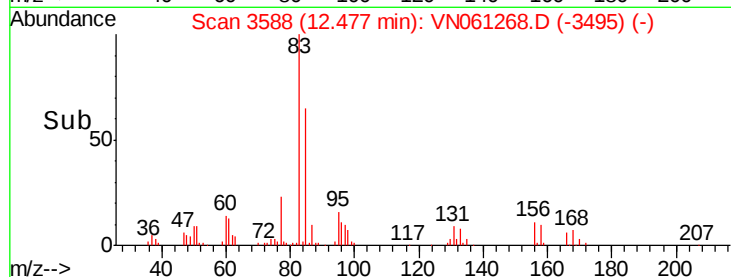
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061268.D (-3495) (-)

Ion 130.80 (130.50 to 131.50): VN061268.D (-3495) (-)

Ion 84.90 (84.60 to 85.60): VN061268.D (-3495) (-)



#76

1,2,3-Trichloropropane

Concen: 85.081 ug/l

RT: 12.53 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN061268.D

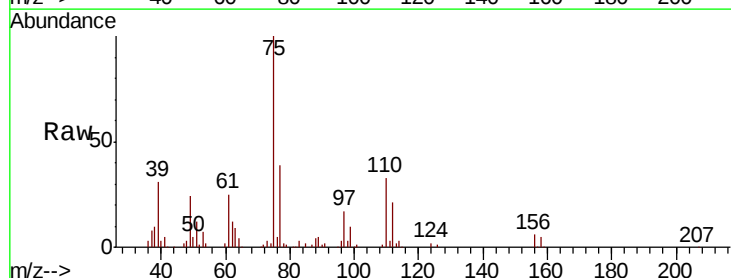
Acq: 4 May 2020 10:44

Tgt Ion: 75 Resp: 173711

Ion Ratio Lower Upper

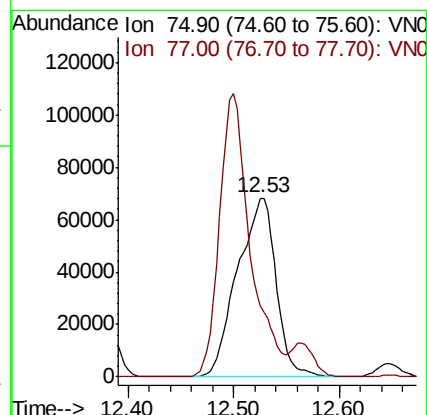
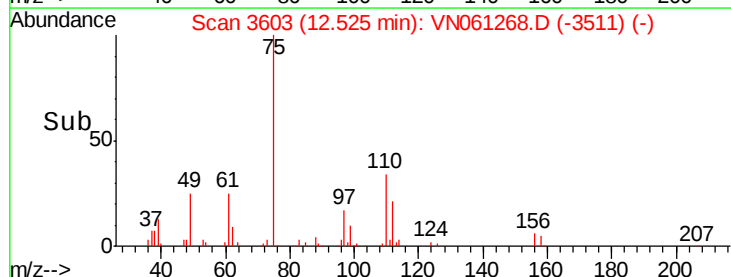
75 100

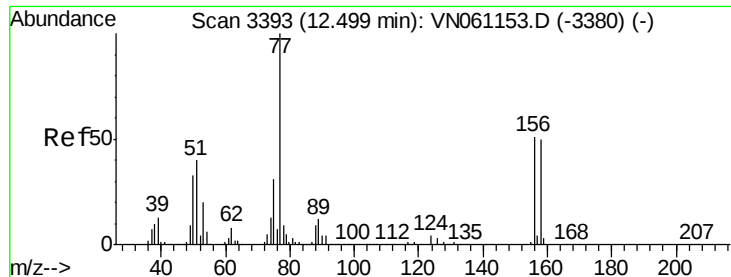
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061268.D (-3511) (-)

Ion 77.00 (76.70 to 77.70): VN061268.D (-3511) (-)





#77

Bromobenzene

Concen: 55.491 ug/l

RT: 12.50 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampled :

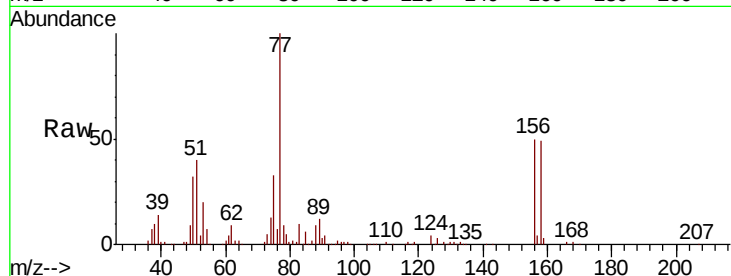
Tot Ion:156 Resp: 91198

Ion Ratio Lower Upper

156 100

77 239.5 117.4 352.2

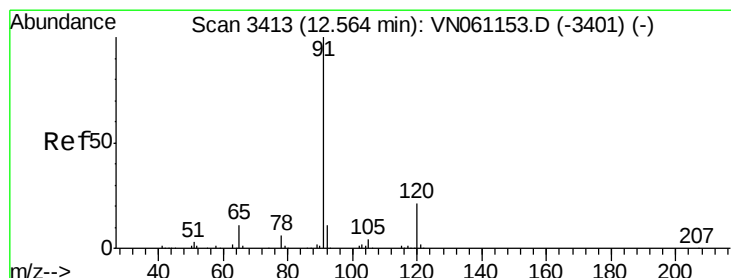
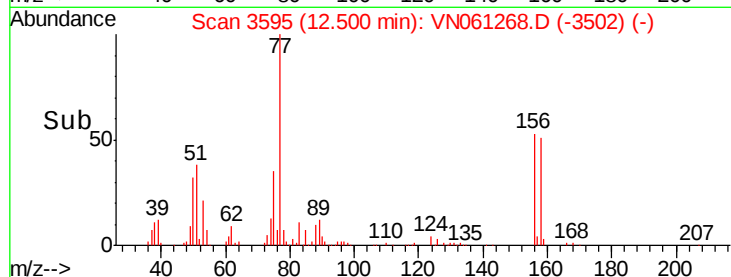
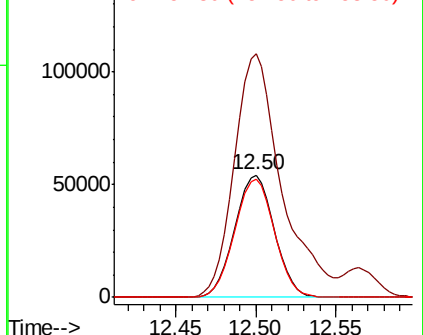
158 97.4 48.4 145.0



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: 58.052 ug/l

RT: 12.56 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VN061268.D

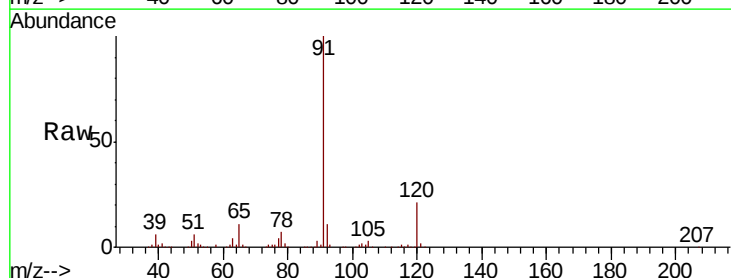
Acq: 4 May 2020 10:44

Tgt Ion: 91 Resp: 490210

Ion Ratio Lower Upper

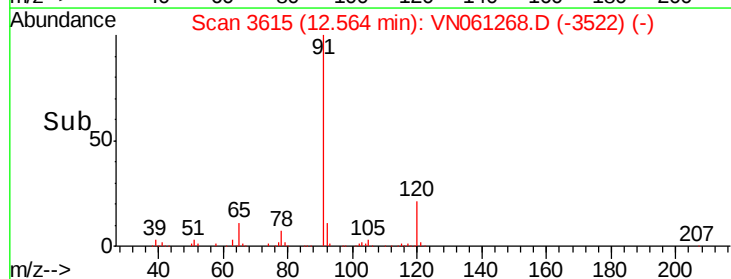
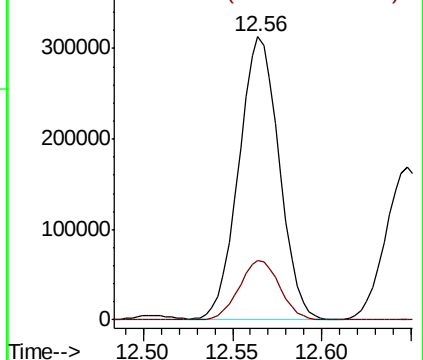
91 100

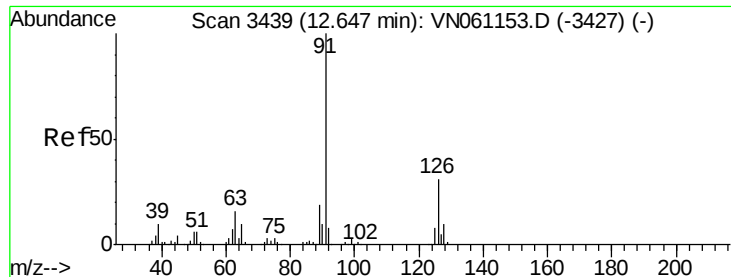
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

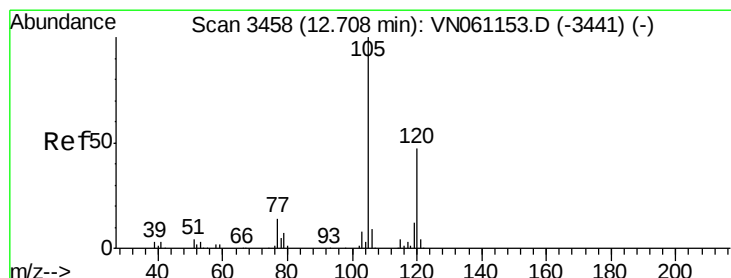
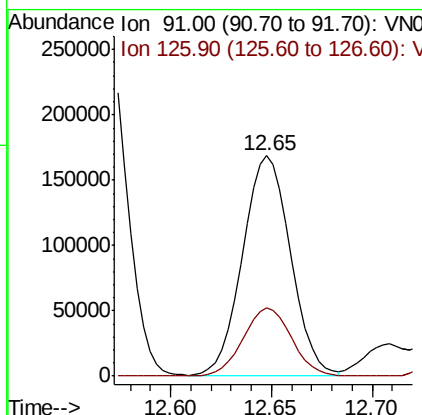
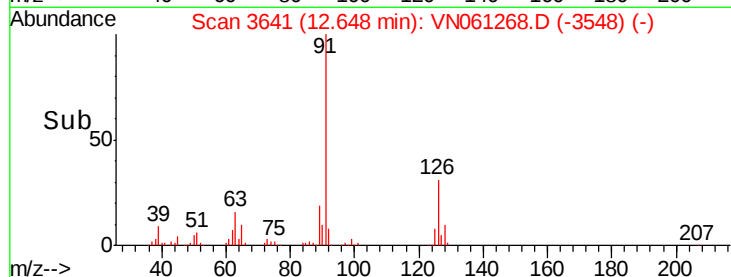
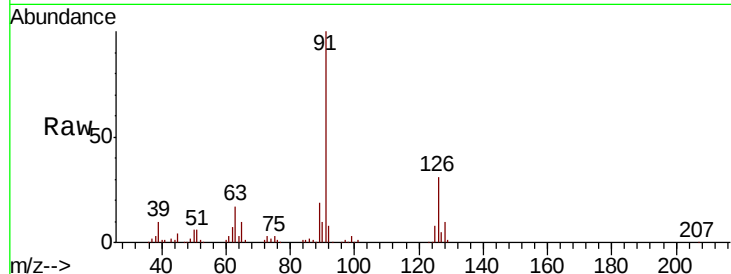




#79
 2-Chlorotoluene
 Concen: 56.266 ug/l
 RT: 12.65 min Scan# 3641
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

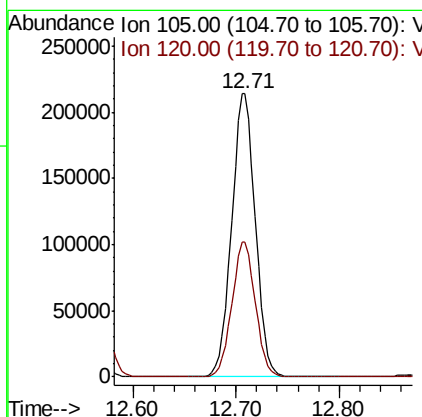
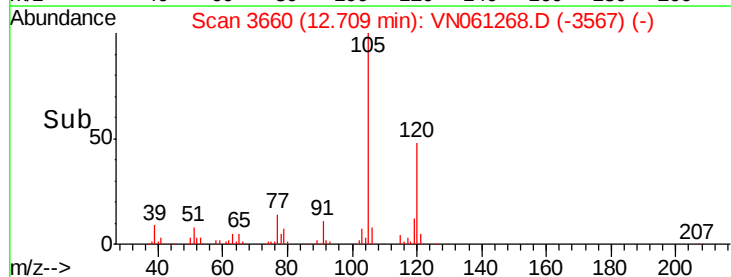
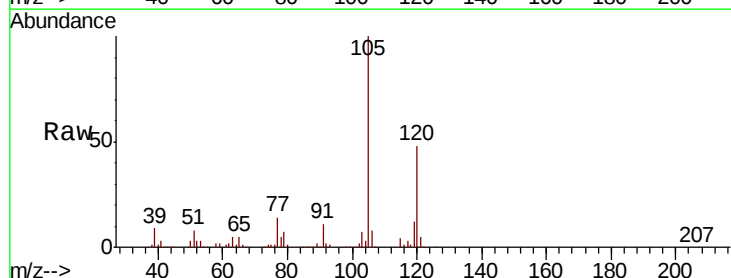
Instrument :
 MSVOA_N
 ClientSampled :

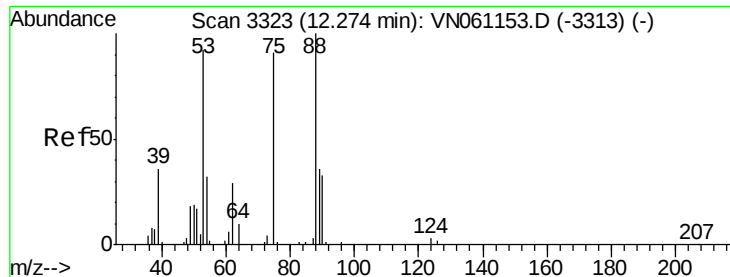
Tot Ion: 91 Resp: 279273
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 57.992 ug/l
 RT: 12.71 min Scan# 3660
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 105 Resp: 341716
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 59.171 ug/l

RT: 12.27 min Scan# 3525

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

ClientSampleId :

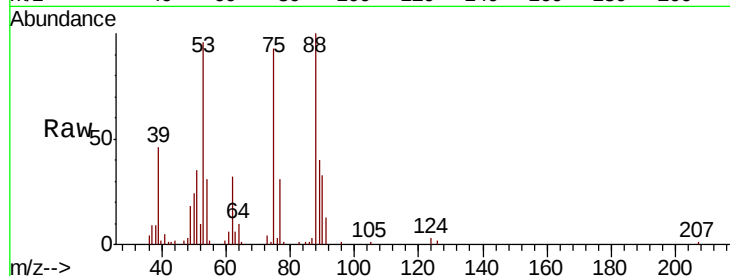
Tot Ion: 75 Resp: 47573

Ion Ratio Lower Upper

75 100

53 103.5 84.1 126.1

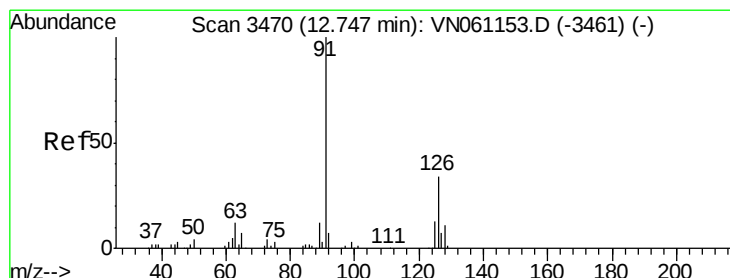
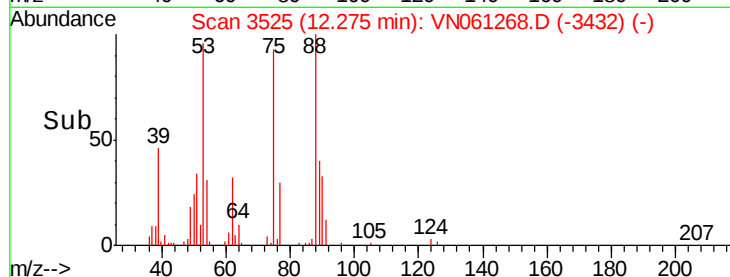
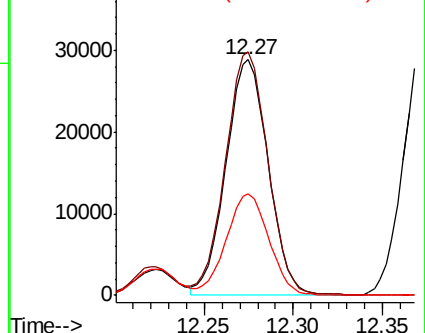
89 43.2 35.2 52.8



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: 57.264 ug/l

RT: 12.75 min Scan# 3672

Delta R.T. 0.00 min

Lab File: VN061268.D

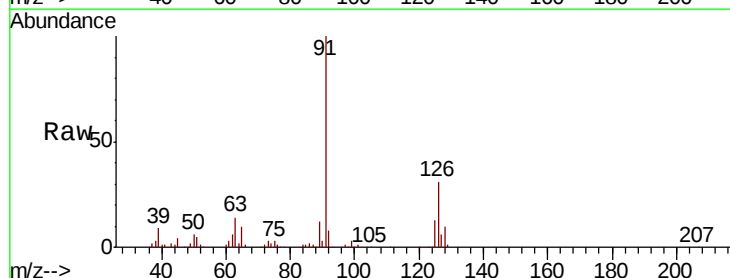
Acq: 4 May 2020 10:44

Tgt Ion: 91 Resp: 299564

Ion Ratio Lower Upper

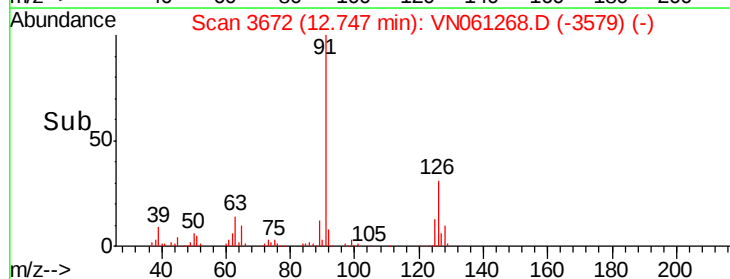
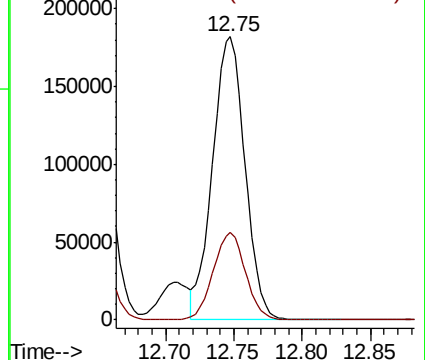
91 100

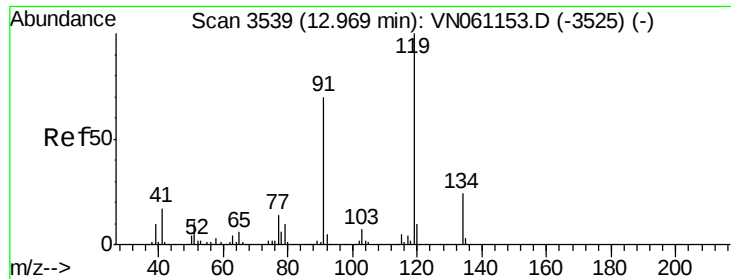
126 30.7 15.7 47.1



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

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

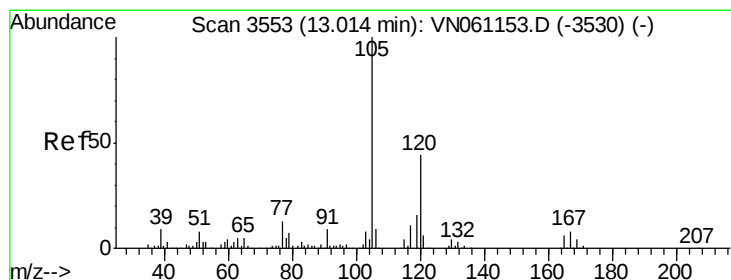
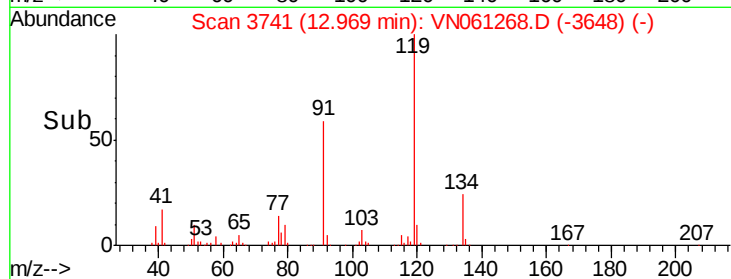
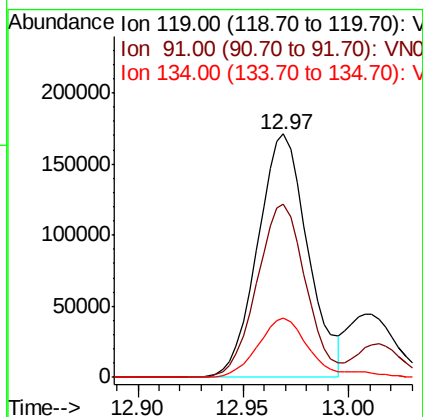
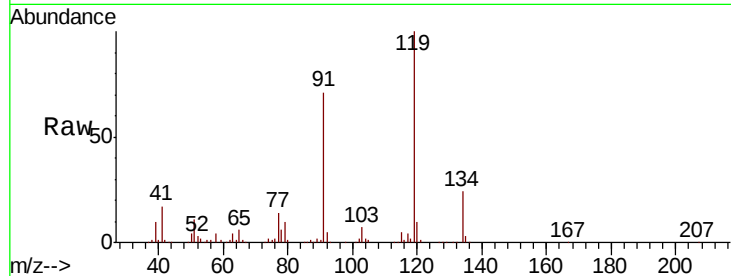




#83
tert-Butylbenzene
Concen: 56.976 ug/l
RT: 12.97 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

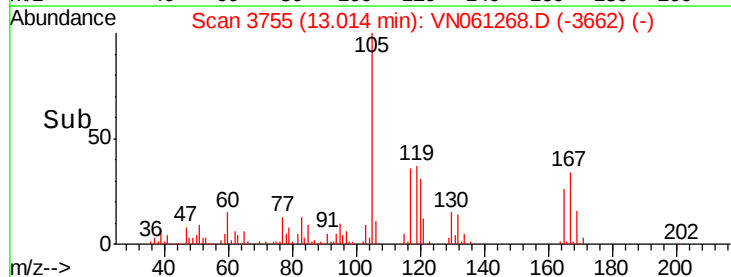
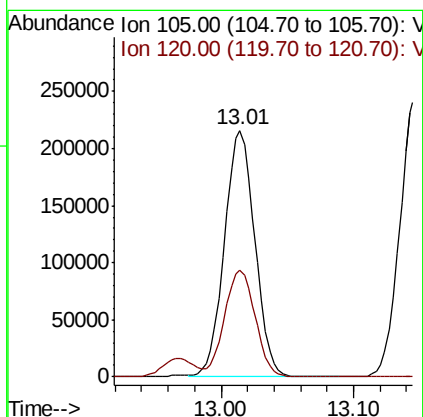
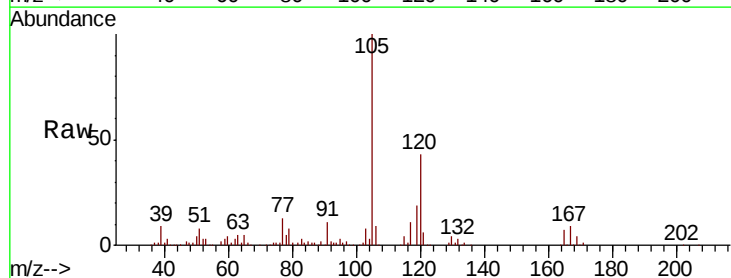
Instrument :
MSVOA_N
ClientSampled :

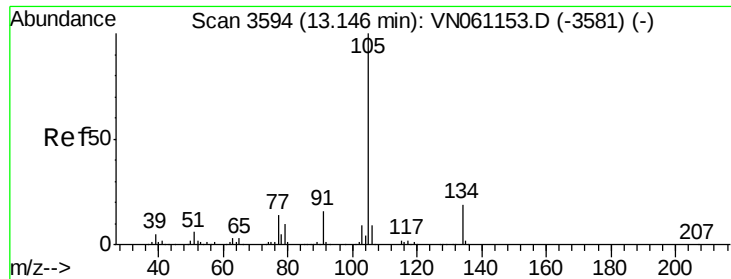
Tot Ion:119 Resp: 283090
Ion Ratio Lower Upper
119 100
91 69.1 34.8 104.4
134 25.6 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 56.506 ug/l
RT: 13.01 min Scan# 3755
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion:105 Resp: 343038
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 58.165 ug/l

RT: 13.15 min Scan# 3796

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

Instrument :

MSVOA_N

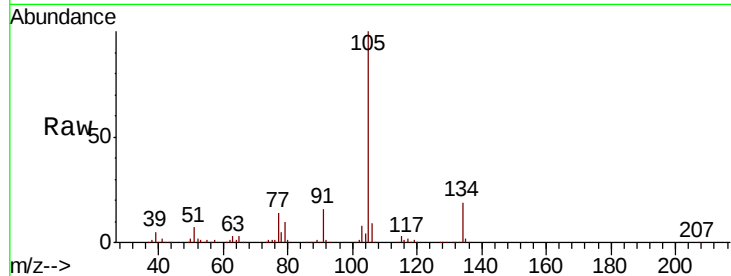
ClientSampled :

Tot Ion:105 Resp: 394008

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

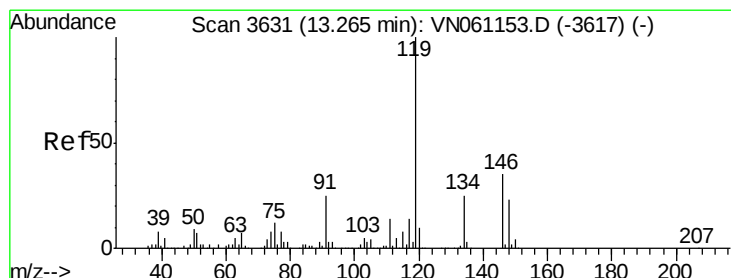
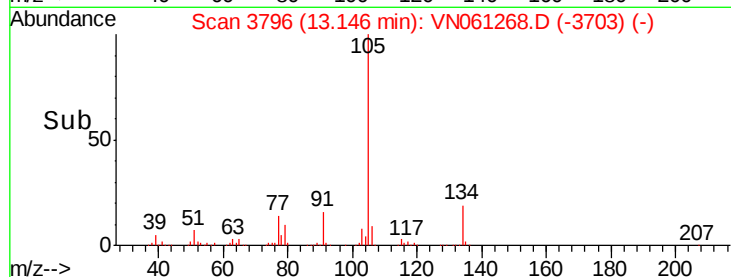
0

13.10

13.15

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 58.330 ug/l

RT: 13.26 min Scan# 3833

Delta R.T. 0.00 min

Lab File: VN061268.D

Acq: 4 May 2020 10:44

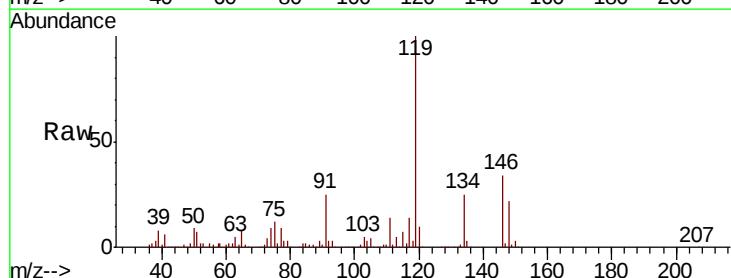
Tgt Ion:119 Resp: 356006

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 25.1 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

100000

50000

0

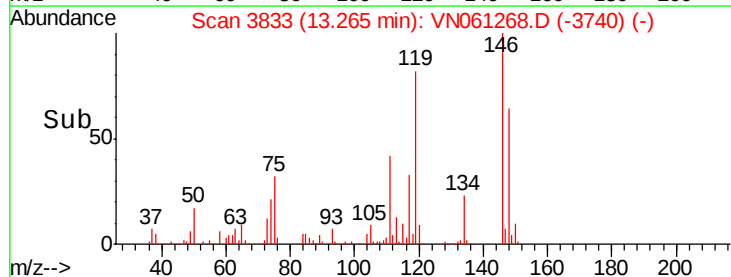
13.20

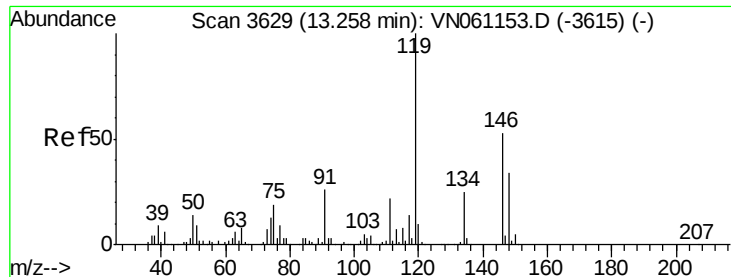
13.25

13.30

13.35

Time-->

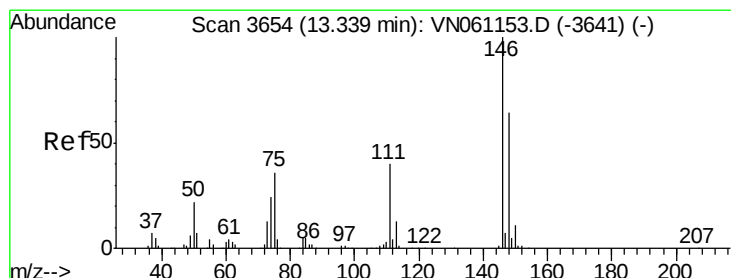
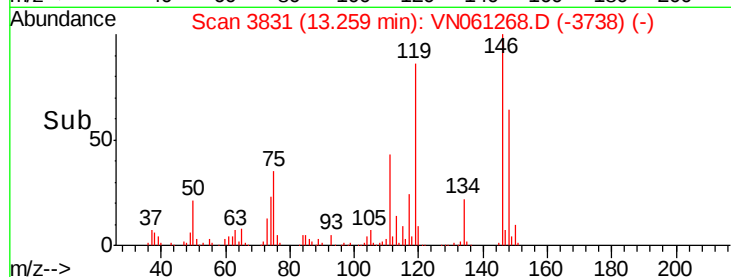
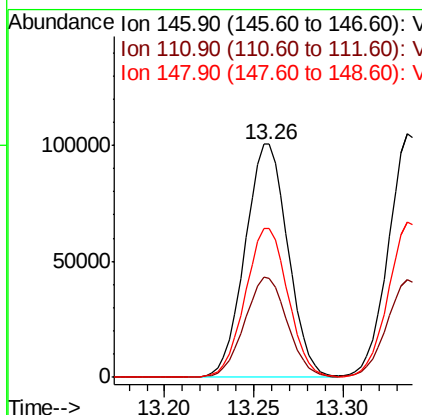
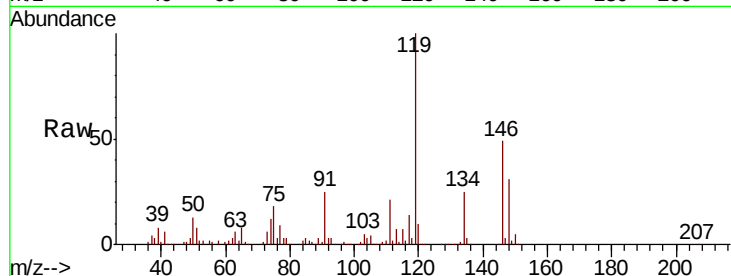




#87
 1,3-Dichlorobenzene
 Concen: 55.905 ug/l
 RT: 13.26 min Scan# 3831
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

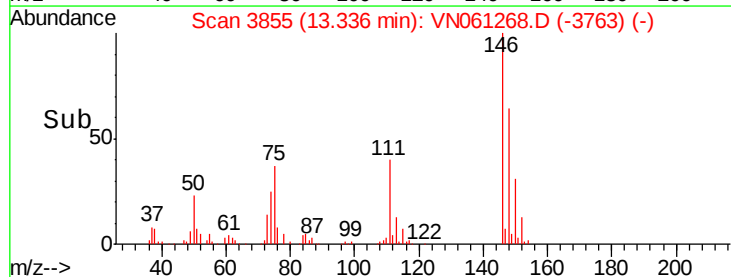
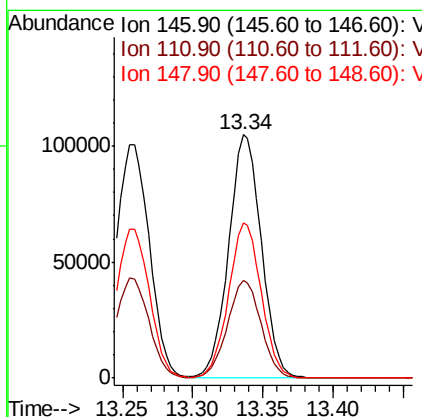
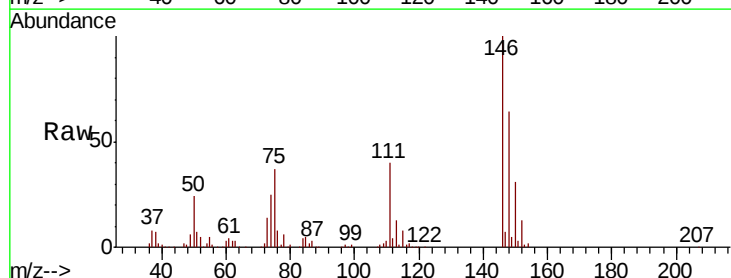
Instrument :
 MSVOA_N
 ClientSampled :

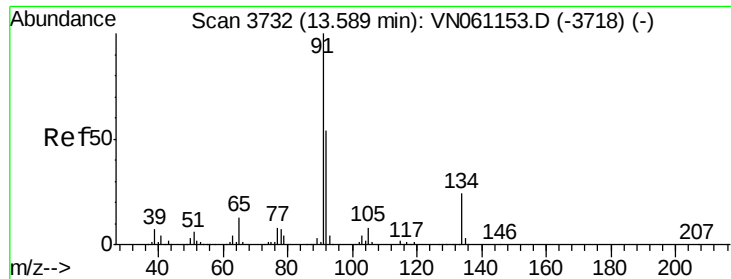
Tot Ion:146 Resp: 169139
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.7 62.1
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 55.075 ug/l
 RT: 13.34 min Scan# 3855
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion:146 Resp: 170253
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 63.8 31.9 95.7

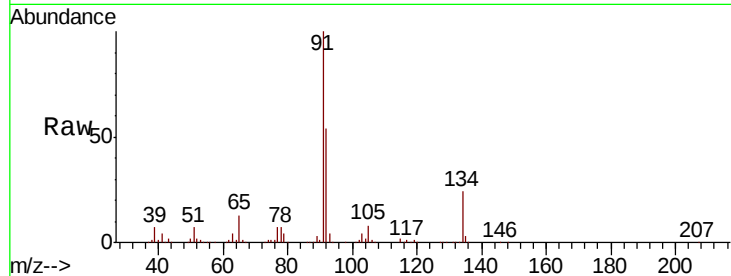




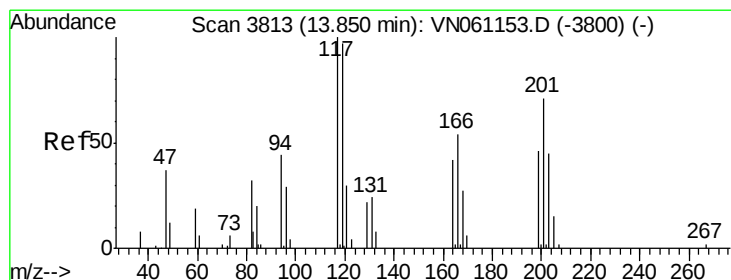
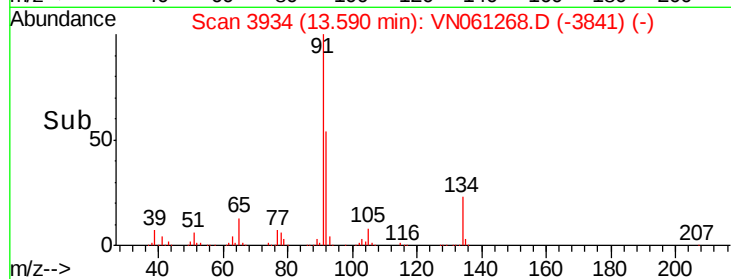
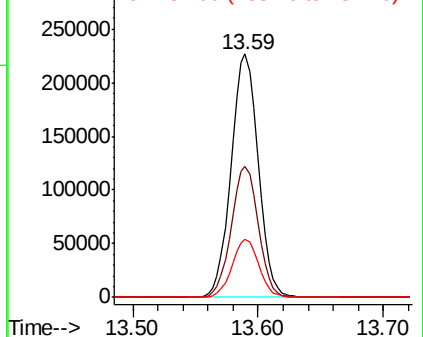
#89
n-Butylbenzene
Concen: 60.803 ug/l
RT: 13.59 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 340200
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.3
134 23.5 11.9 35.5

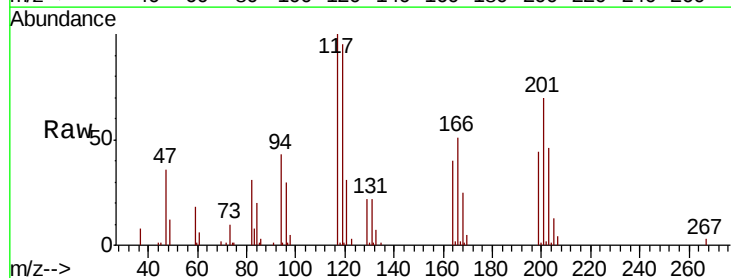


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)
Ion 92.00 (91.70 to 92.70): VN061153.D (-3718) (-)
Ion 134.00 (133.70 to 134.70): VN061153.D (-3718) (-)

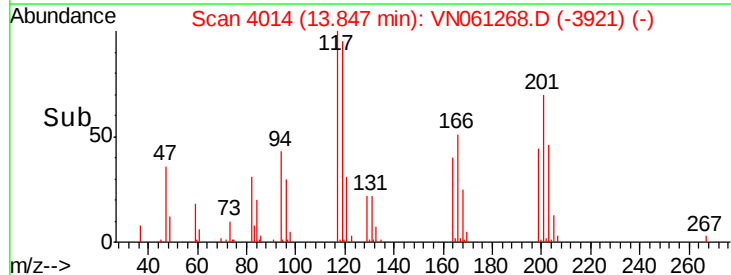
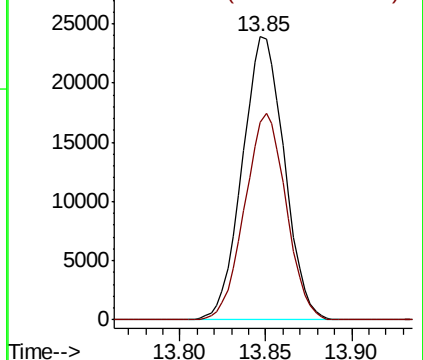


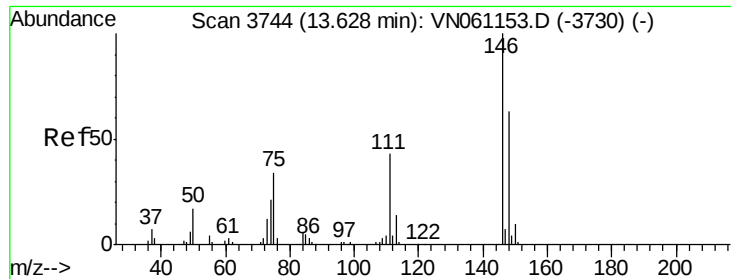
#90
Hexachloroethane
Concen: 61.723 ug/l
RT: 13.85 min Scan# 4014
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion: 117 Resp: 40636
Ion Ratio Lower Upper
117 100
201 71.7 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-3800) (-)
Ion 200.70 (200.40 to 201.40): VN061153.D (-3800) (-)

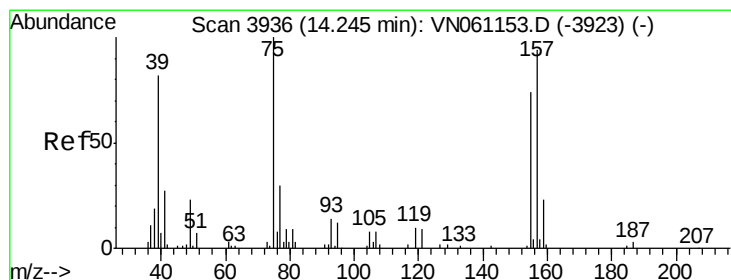
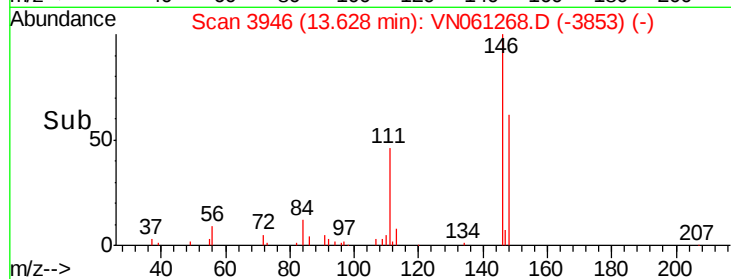
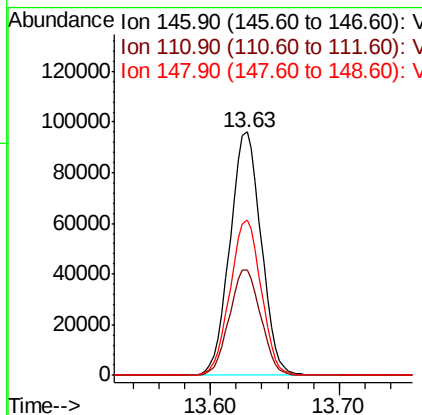
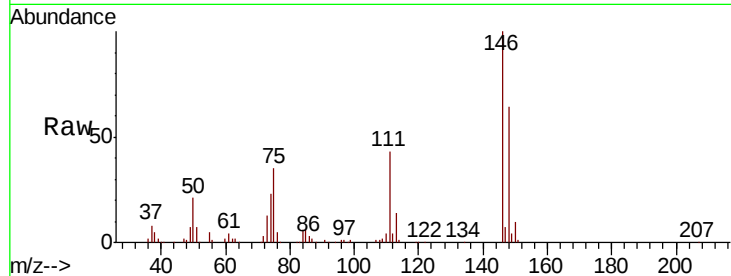




#91
 1,2-Dichlorobenzene
 Concen: 55.667 ug/l
 RT: 13.63 min Scan# 3946
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

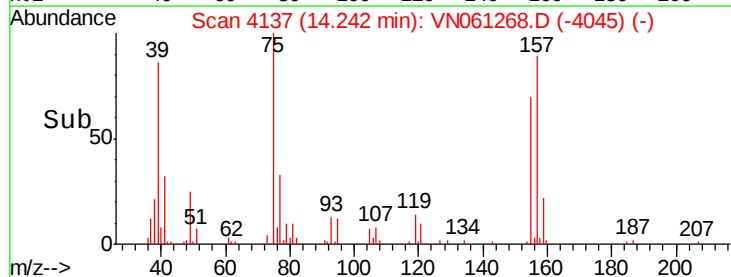
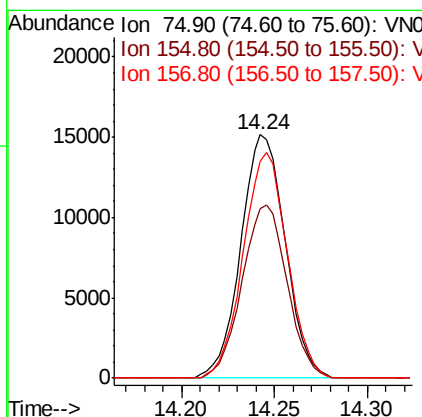
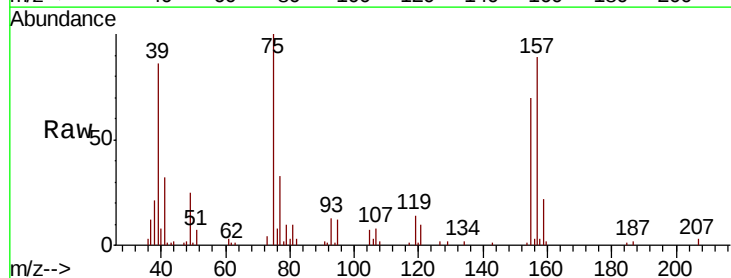
Instrument :
 MSVOA_N
 ClientSampled :

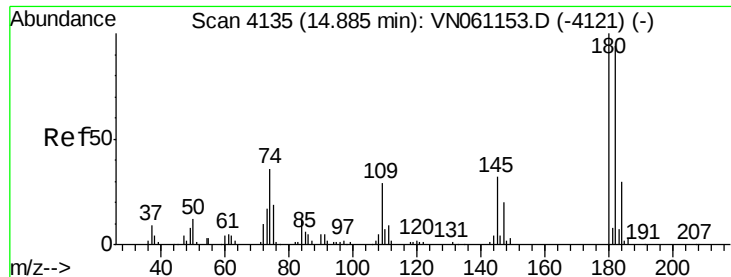
Tot Ion:146 Resp: 161489
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 63.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.738 ug/l
 RT: 14.24 min Scan# 4137
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion: 75 Resp: 25195
 Ion Ratio Lower Upper
 75 100
 155 72.1 36.5 109.7
 157 91.6 46.6 139.7

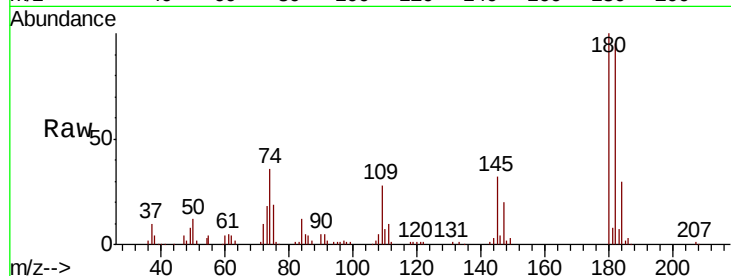




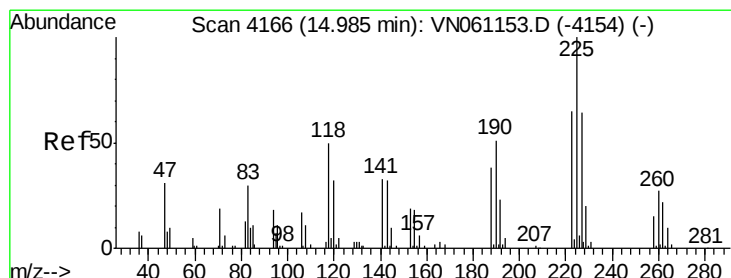
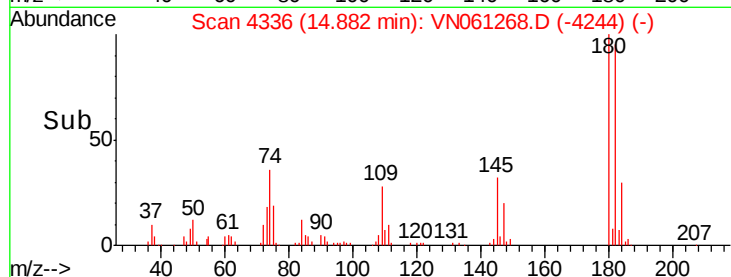
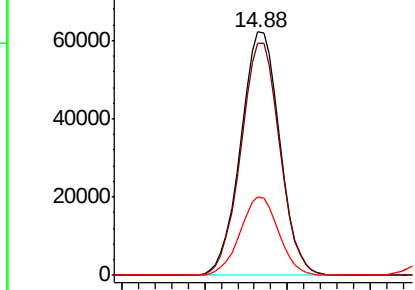
#93
 1,2,4-Trichlorobenzene
 Concen: 57.803 ug/l
 RT: 14.88 min Scan# 4336
 Delta R.T. -0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 102112
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.9
 145 31.8 16.0 47.9

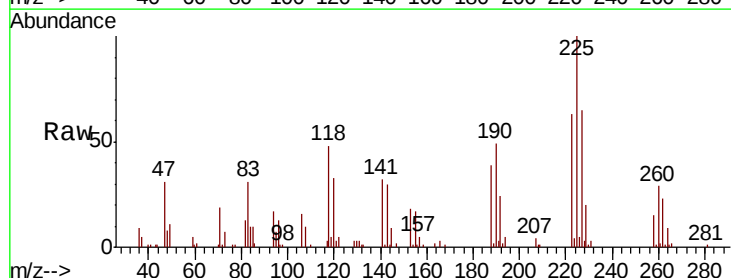


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

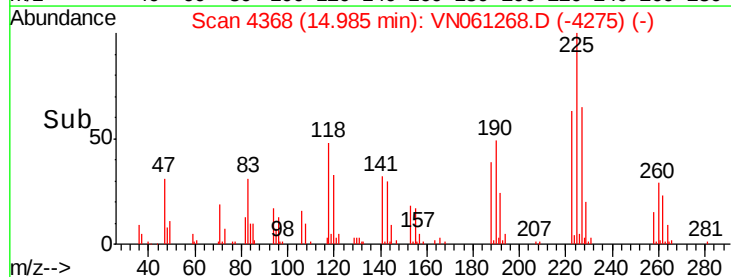
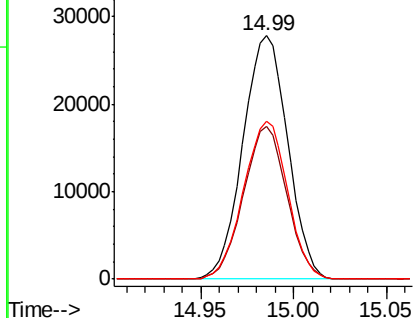


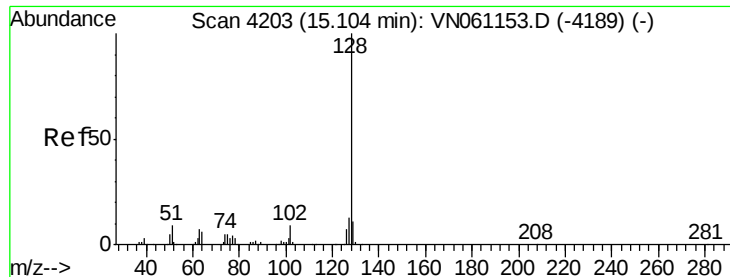
#94
 Hexachlorobutadiene
 Concen: 63.158 ug/l
 RT: 14.99 min Scan# 4368
 Delta R.T. 0.00 min
 Lab File: VN061268.D
 Acq: 4 May 2020 10:44

Tgt Ion:225 Resp: 46611
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.4 97.0
 227 63.7 32.4 97.0



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

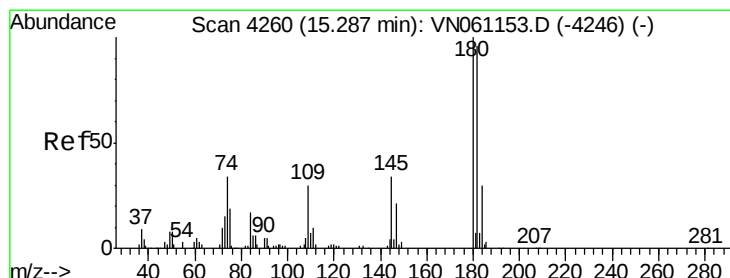
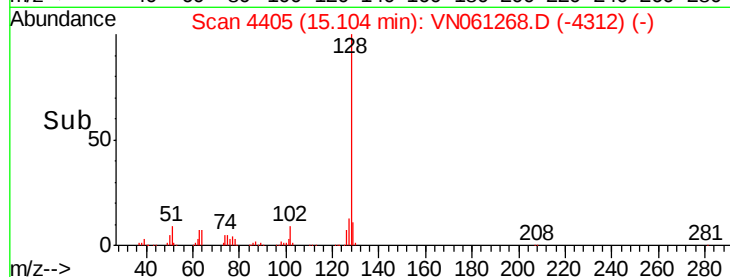
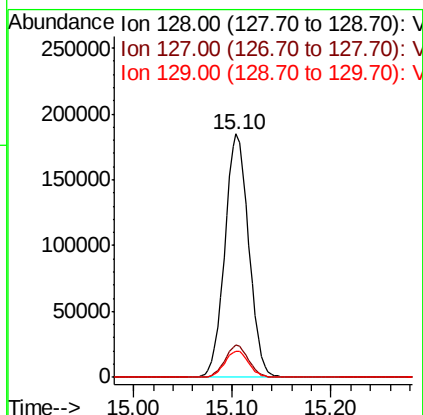
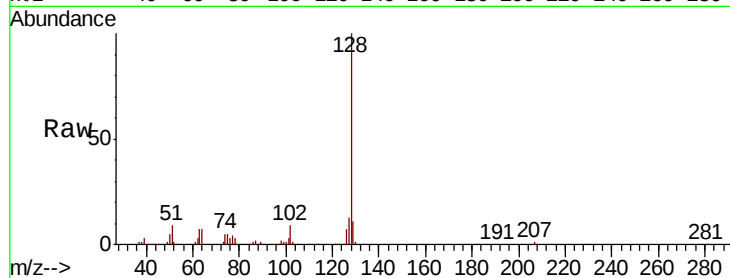




#95
Naphthalene
Concen: 54.503 ug/l
RT: 15.10 min Scan# 4405
Delta R.T. 0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 313562
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.877 ug/l
RT: 15.28 min Scan# 4461
Delta R.T. -0.00 min
Lab File: VN061268.D
Acq: 4 May 2020 10:44

Tgt Ion:180 Resp: 99200
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 33.1 16.9 50.7

