

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031021\
 Data File : VN066170.D
 Acq On : 10 Mar 2021 17:07
 Operator : JC/MD
 Sample : M1603-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 11 01:33:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.590	168	118721	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.518	114	203266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	192702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	75605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.955	65	101427	45.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.56%
35) Dibromofluoromethane	7.509	113	61095	44.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.12%
50) Toluene-d8	10.030	98	234260	42.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	85.88%
62) 4-Bromofluorobenzene	12.345	95	79892	39.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	78.68%

Target Compounds						Qvalue
3) Chloromethane	2.014	50	1428	0.53	ug/l	# 78
5) Bromomethane	2.532	94	289	0.25	ug/l	# 59
10) Methyl Iodide	3.875	142	109	2.76	ug/l	# 43
13) Acrolein	3.537	56	2084	Below Cal		# 1
15) Acrylonitrile	4.894	53	393	0.36	ug/l	# 73
16) Acetone	3.749	43	47692	42.14	ug/l	# 87
18) Methyl Acetate	4.235	43	907	0.32	ug/l	# 70
20) Methylene Chloride	4.457	84	10019	6.00	ug/l	# 73
25) 2-Butanone	6.758	43	10569	6.03	ug/l	# 81
29) Tetrahydrofuran	7.137	42	1092	0.90	ug/l	# 51
31) Cyclohexane	7.587	56	2388	0.74	ug/l	# 31
36) 1,1-Dichloropropene	7.587	75	11170	4.83	ug/l	# 46
38) Carbon Tetrachloride	7.590	117	12027	5.97	ug/l	# 19
43) Isopropyl Acetate	8.099	43	33624	5.87	ug/l	# 81
45) 1,2-Dichloropropane	9.207	63	1836	0.89	ug/l	# 44
48) Methyl methacrylate	9.113	41	9165	3.27	ug/l	# 10
49) 1,4-Dioxane	9.135	88	136	5.28	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.926	43	12603	3.62	ug/l	# 83
54) cis-1,3-Dichloropropene	9.848	75	38773	12.46	ug/l	# 69
57) 1,3-Dichloropropane	10.709	76	22281	7.41	ug/l	# 43
58) 2-Chloroethyl Vinyl ether	9.636	63	51	12.20	ug/l	# 47
59) 2-Hexanone	10.709	43	438980	176.60	ug/l	# 46
71) Bromoform	12.340	173	298	0.26	ug/l	# 29
74) N-amyl acetate	12.020	43	471	3.09	ug/l	# 64
76) 1,2,3-Trichloropropane	12.348	75	43024	18.99	ug/l	# 100
77) Bromobenzene	12.466	156	278	0.20	ug/l	# 17
78) n-propylbenzene	12.535	91	1958	0.28	ug/l	# 84
80) 1,3,5-Trimethylbenzene	12.680	105	1482	0.30	ug/l	# 95
81) trans-1,4-Dichloro-2-b...	12.348	75	43024	59.28	ug/l	# 12
82) 4-Chlorotoluene	12.720	91	1470	0.34	ug/l	# 69
84) 1,2,4-Trimethylbenzene	12.991	105	1565	0.32	ug/l	# 60
85) sec-Butylbenzene	13.117	105	1816	0.33	ug/l	# 85
86) p-Isopropyltoluene	13.233	119	2015	0.41	ug/l	# 84
87) 1,3-Dichlorobenzene	13.230	146	1309	0.53	ug/l	# 85
88) 1,4-Dichlorobenzene	13.230	146	1309	0.52	ug/l	# 86
89) n-Butylbenzene	13.555	91	1958	0.43	ug/l	# 29

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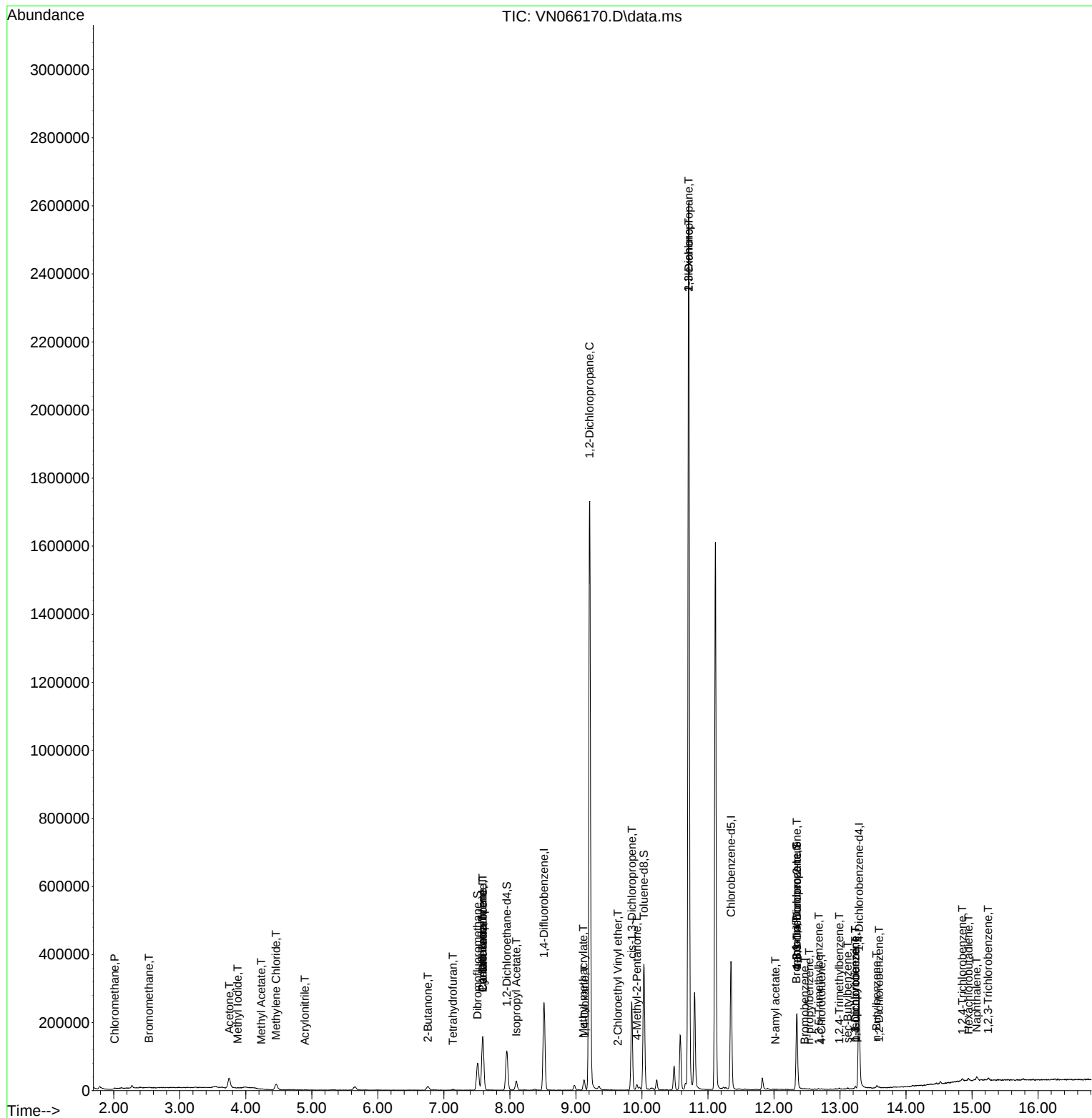
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.595	146	1003	0.41	ug/l	83
93) 1,2,4-Trichlorobenzene	14.853	180	1766	3.27	ug/l #	91
94) Hexachlorobutadiene	14.946	225	928	1.32	ug/l	93
95) Naphthalene	15.070	128	8088	1.73	ug/l	96
96) 1,2,3-Trichlorobenzene	15.244	180	1624	1.08	ug/l	96

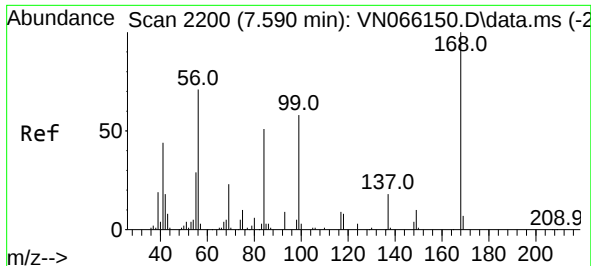
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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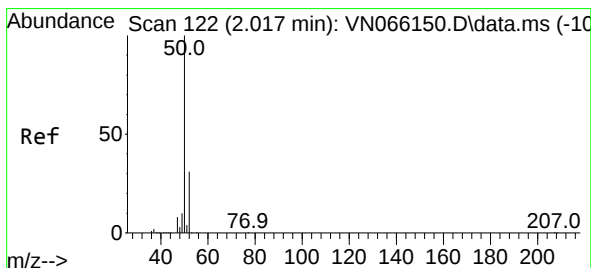
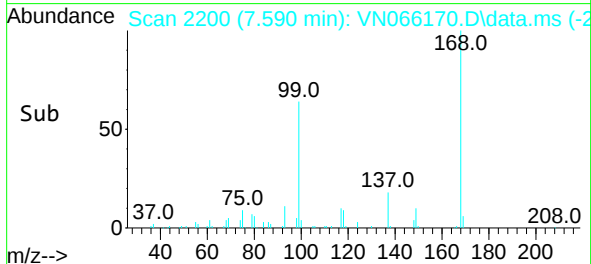
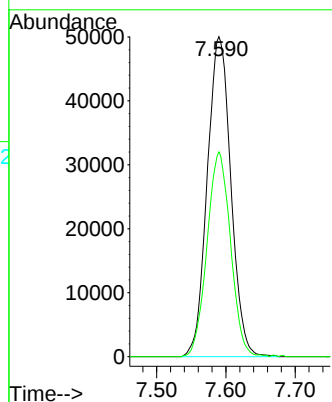
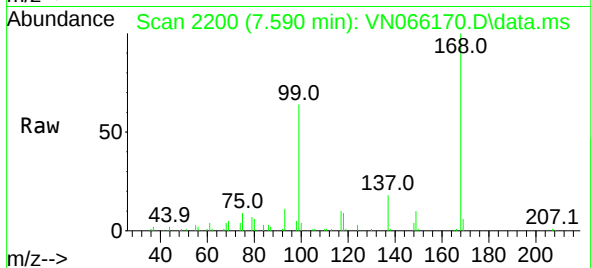




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.590 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

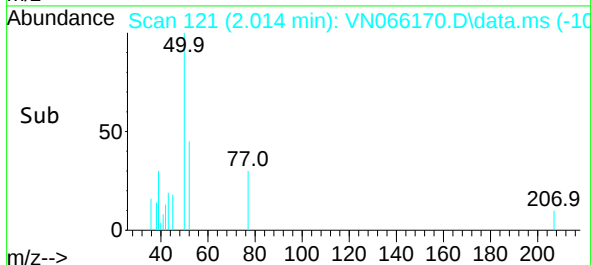
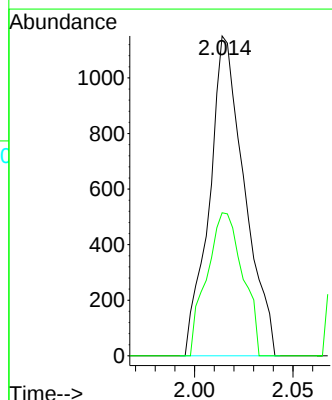
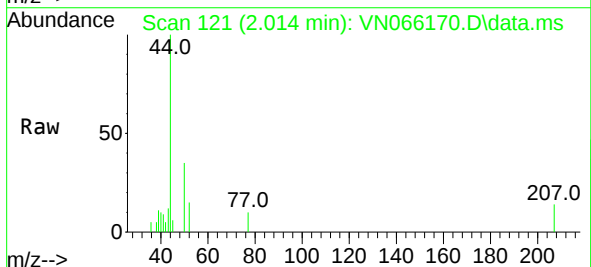
Instrument :
MSVOA_N
ClientSampled :

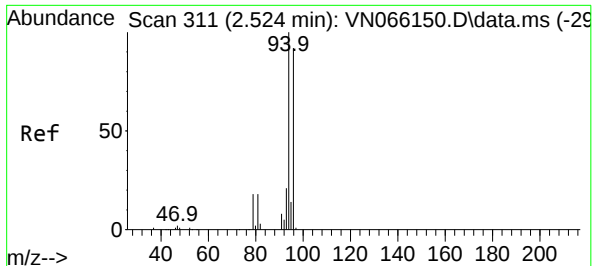
Tgt Ion:168 Resp: 118721
Ion Ratio Lower Upper
168 100
99 64.0 42.6 63.8#



#3
Chloromethane
Concen: 0.53 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 50 Resp: 1428
Ion Ratio Lower Upper
50 100
52 44.7 25.8 38.8#

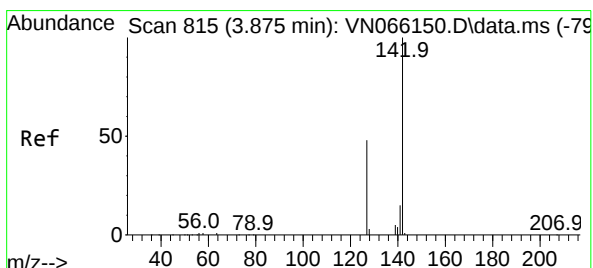
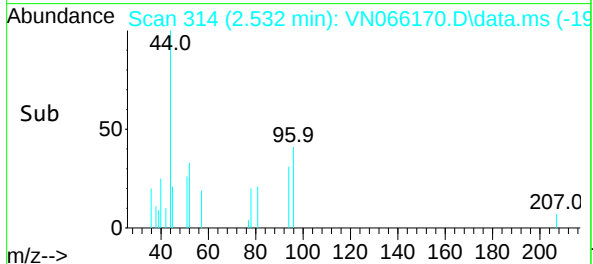
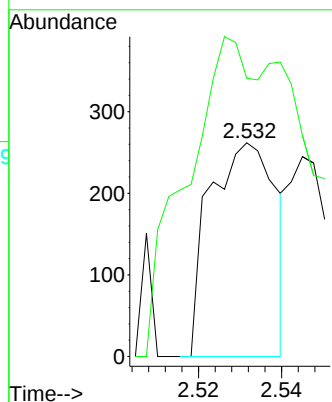
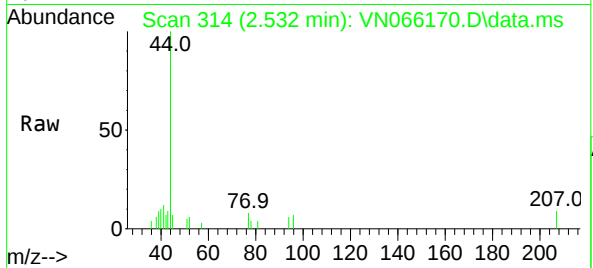




#5
Bromomethane
Concen: 0.25 ug/l
RT: 2.532 min Scan# 314
Delta R.T. 0.008 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

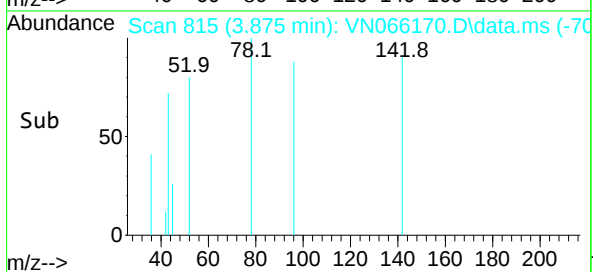
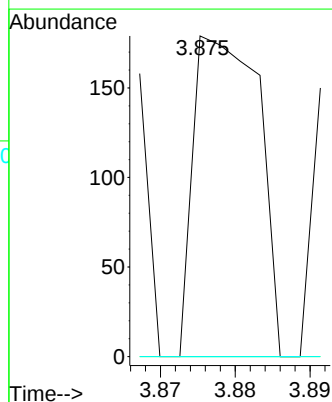
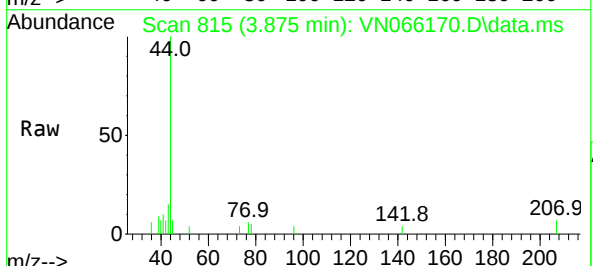
Instrument :
MSVOA_N
ClientSampled :

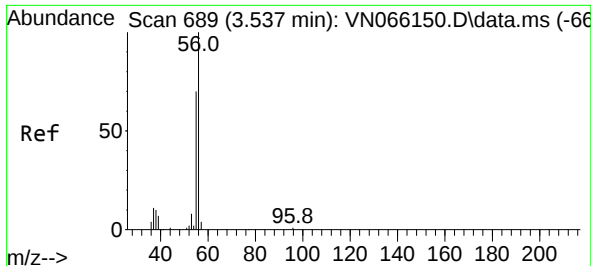
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 52.3 73.0 109.4#



#10
Methyl Iodide
Concen: 2.76 ug/l
RT: 3.875 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 31.7 47.5#
141 0.0 10.9 16.3#

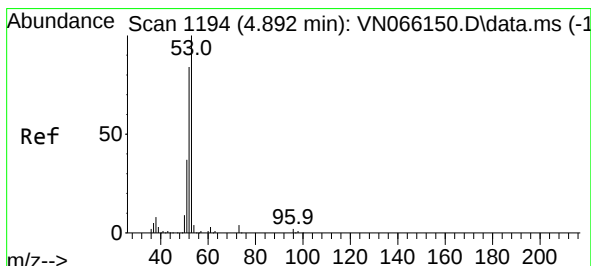
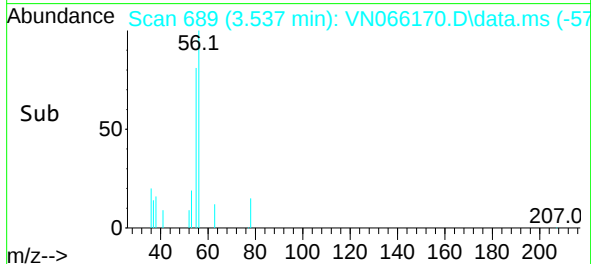
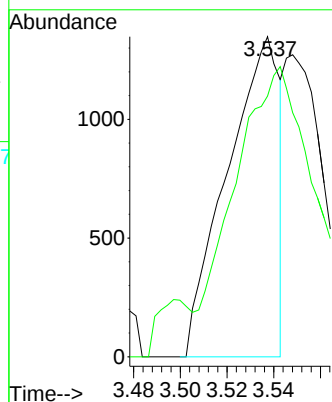
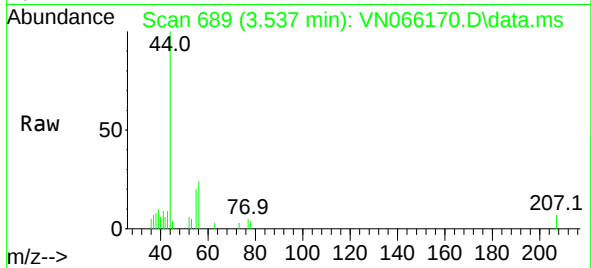




#13
Acrolein
Concen: Below Cal
RT: 3.537 min Scan# 689
Delta R.T. 0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

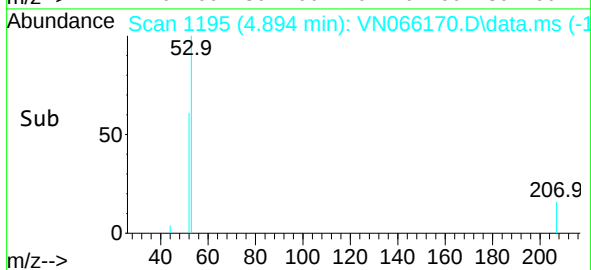
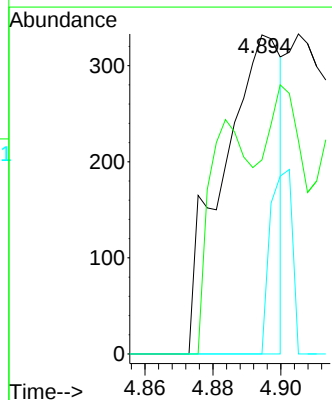
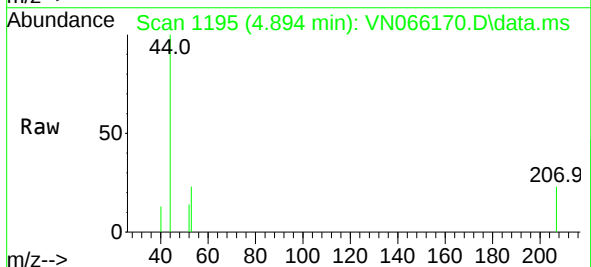
Instrument :
MSVOA_N
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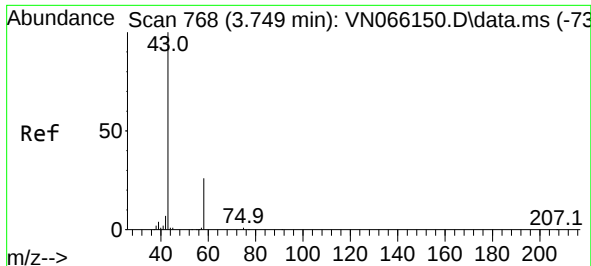
Tgt Ion: 56 Resp: 2084
Ion Ratio Lower Upper
56 100
55 155.2 56.0 84.0#



#15
Acrylonitrile
Concen: 0.36 ug/l
RT: 4.894 min Scan# 1195
Delta R.T. 0.002 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 53 Resp: 393
Ion Ratio Lower Upper
53 100
52 56.5 66.1 99.1#
51 21.9 27.9 41.9#

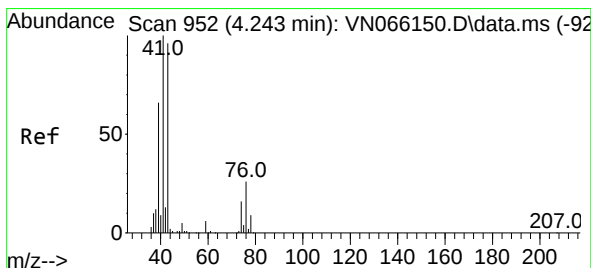
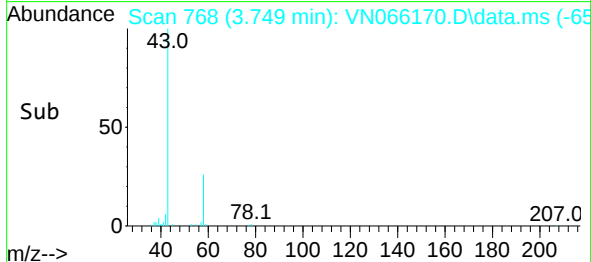
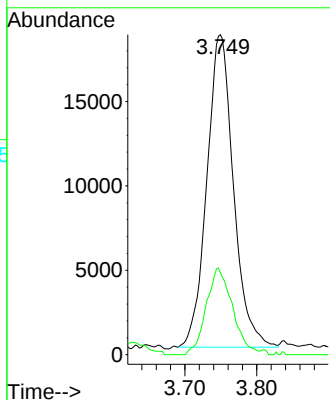
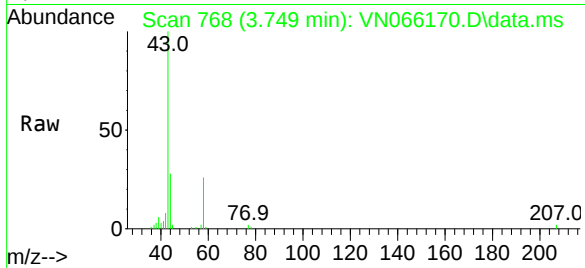




#16
Acetone
Concen: 42.14 ug/l
RT: 3.749 min Scan# 768
Delta R.T. 0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

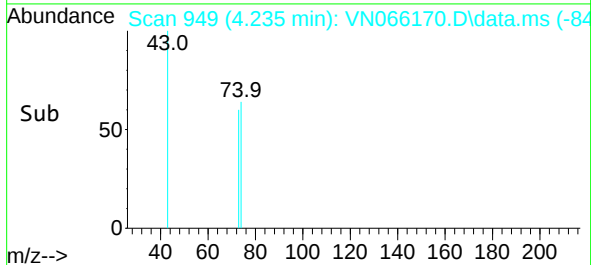
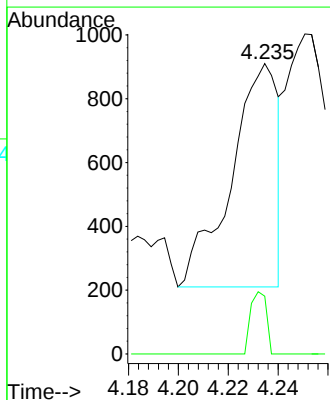
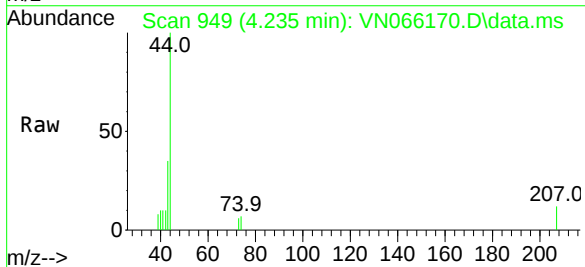
Instrument :
MSVOA_N
ClientSampled :

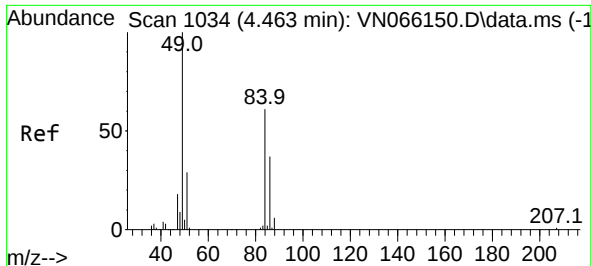
Tgt Ion: 43 Resp: 47692
Ion Ratio Lower Upper
43 100
58 26.2 27.0 40.6#



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 4.235 min Scan# 949
Delta R.T. -0.008 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

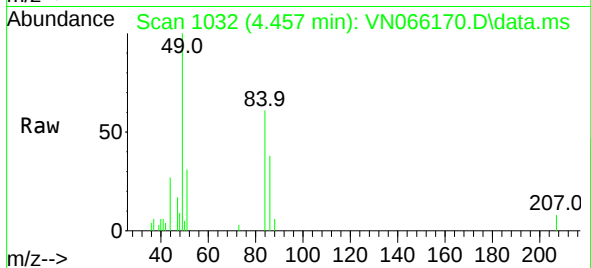
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
74 9.5 19.5 29.3#



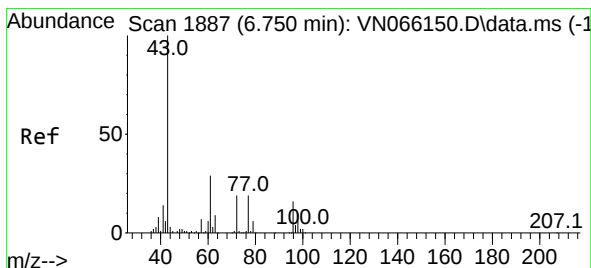
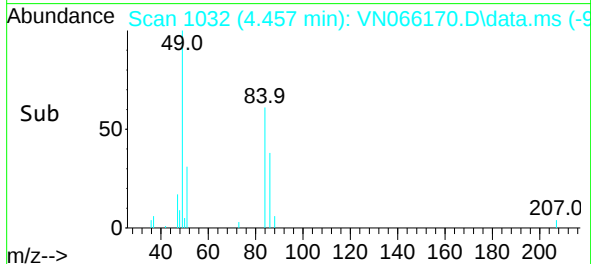
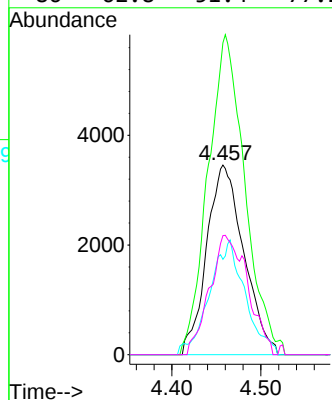


#20
Methylene Chloride
Concen: 6.00 ug/l
RT: 4.457 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Instrument :
MSVOA_N
ClientSampled :

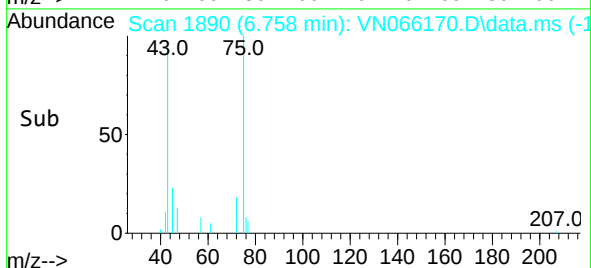
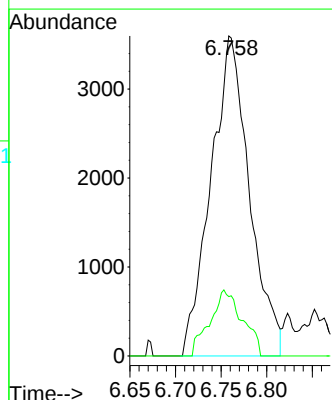
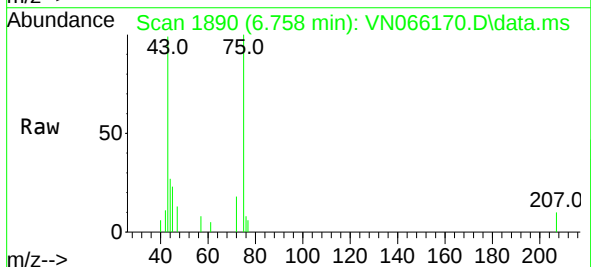


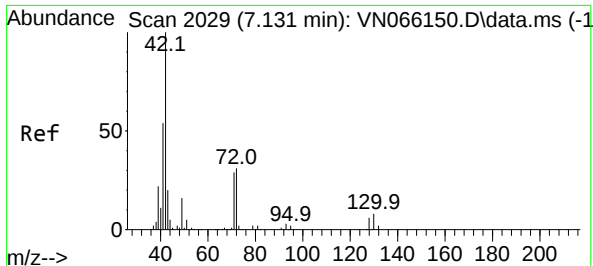
Tgt Ion:	84	Resp:	10019
Ion	Ratio	Lower	Upper
84	100		
49	164.5	94.6	141.8#
51	50.3	29.9	44.9#
86	62.8	51.4	77.2



#25
2-Butanone
Concen: 6.03 ug/l
RT: 6.758 min Scan# 1890
Delta R.T. 0.008 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion:	43	Resp:	10569
Ion	Ratio	Lower	Upper
43	100		
72	18.6	23.1	34.7#

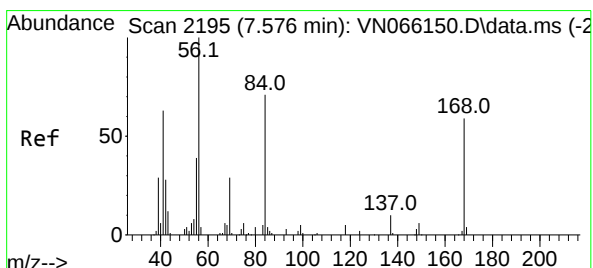
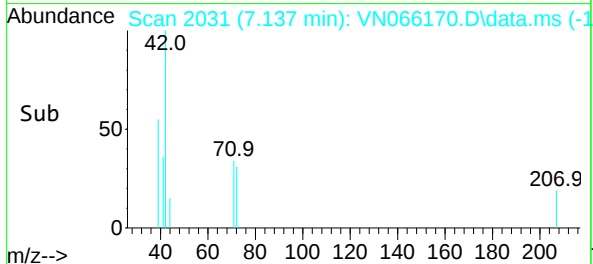
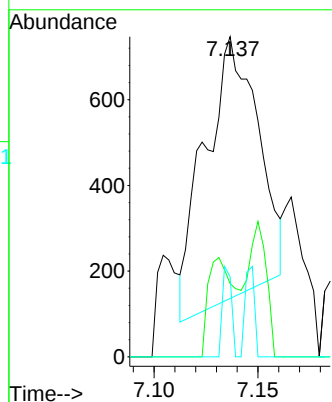
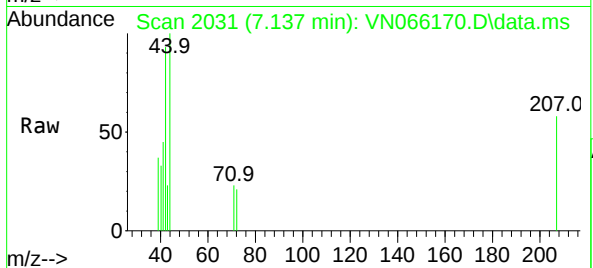




#29
Tetrahydrofuran
Concen: 0.90 ug/l
RT: 7.137 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

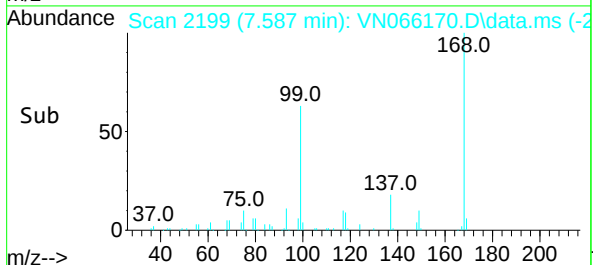
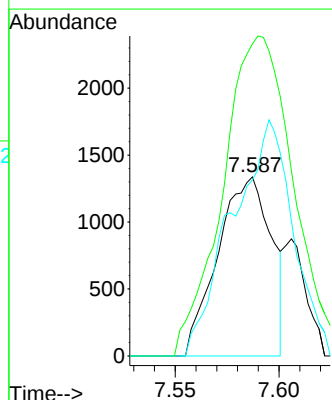
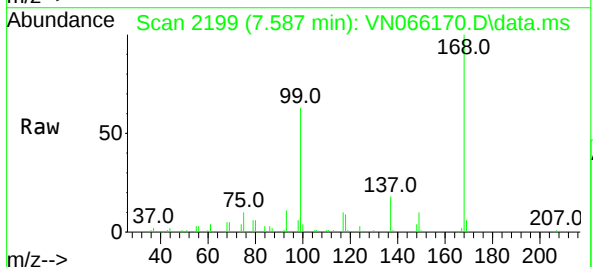
Instrument :
MSVOA_N
ClientSampled :

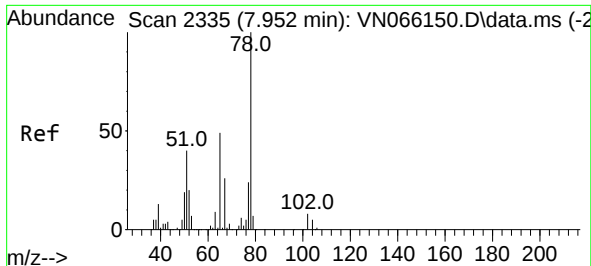
Tgt Ion: 42	Resp: 1092
Ion Ratio	Lower Upper
42	100
72	19.3 36.6 55.0#
71	5.9 34.3 51.5#



#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.011 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 56	Resp: 2388
Ion Ratio	Lower Upper
56	100
69	159.8 26.6 39.8#
84	98.4 70.4 105.6





#33

1,2-Dichloroethane-d4

Concen: 45.28 ug/l

RT: 7.955 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VN066170.D

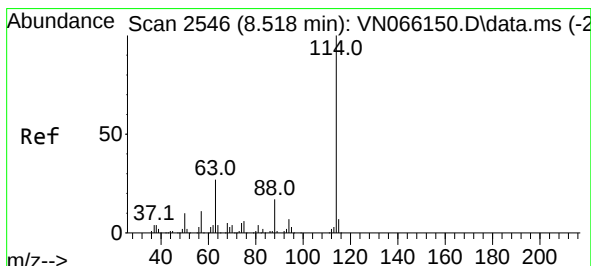
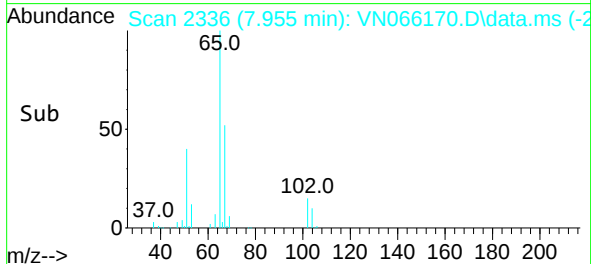
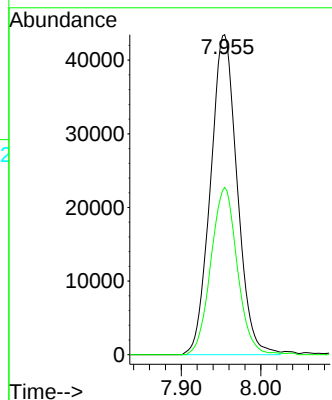
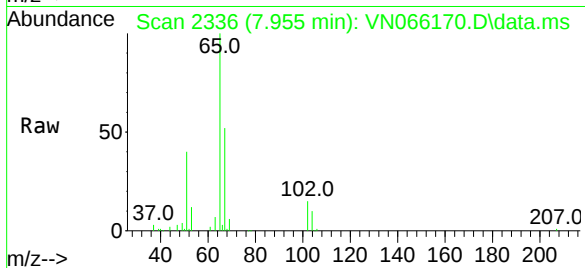
Acq: 10 Mar 2021 17:07

Tgt Ion: 65 Resp: 101427

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.518 min Scan# 2546

Delta R.T. -0.000 min

Lab File: VN066170.D

Acq: 10 Mar 2021 17:07

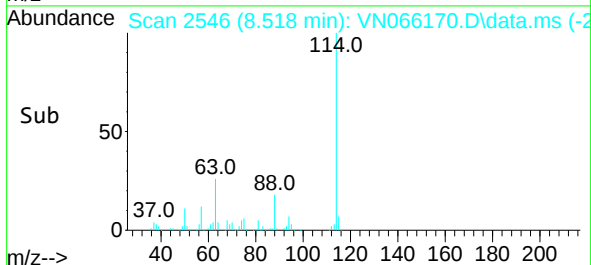
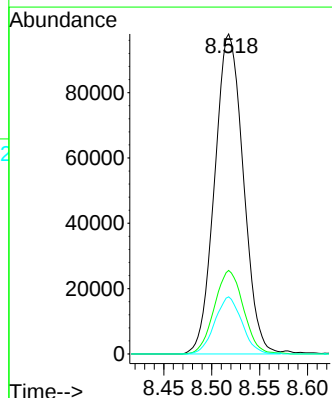
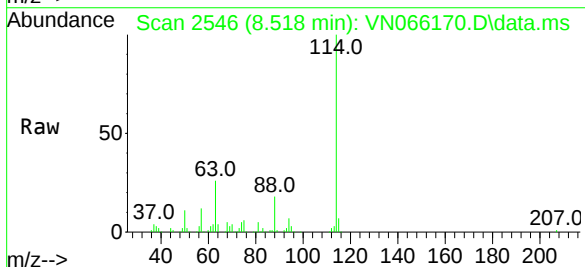
Tgt Ion: 114 Resp: 203266

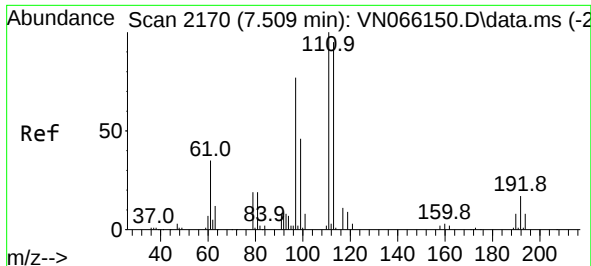
Ion Ratio Lower Upper

114 100

63 26.1 0.0 38.6

88 17.9 0.0 30.6

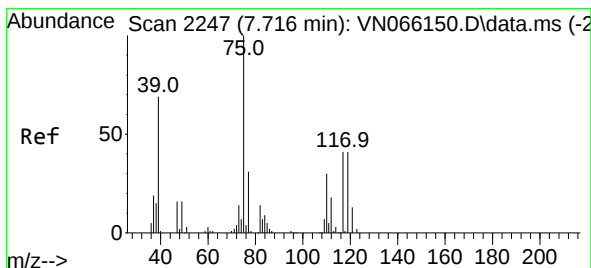
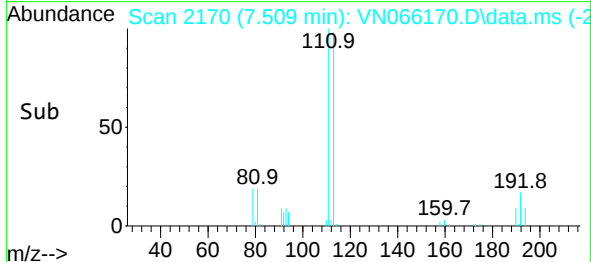
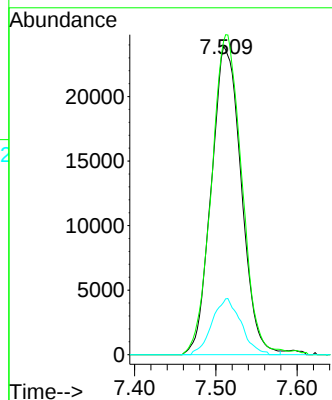
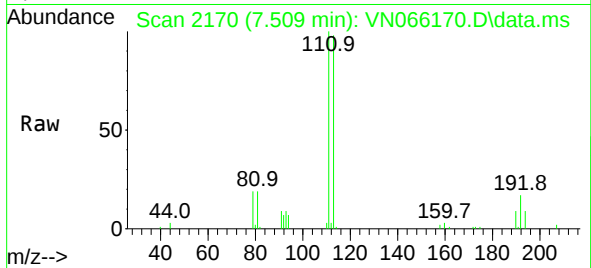




#35
Dibromofluoromethane
Concen: 44.06 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

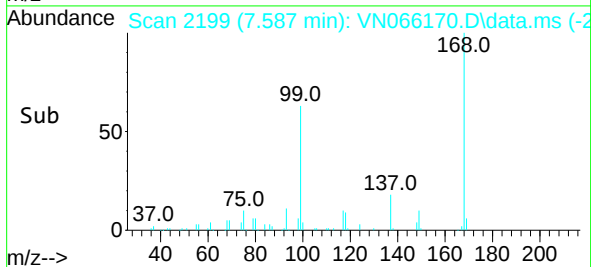
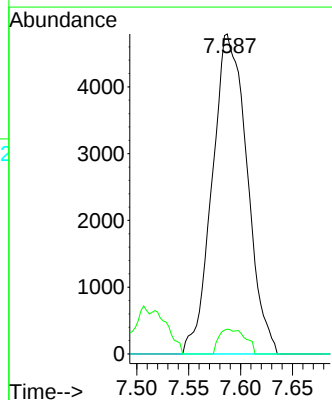
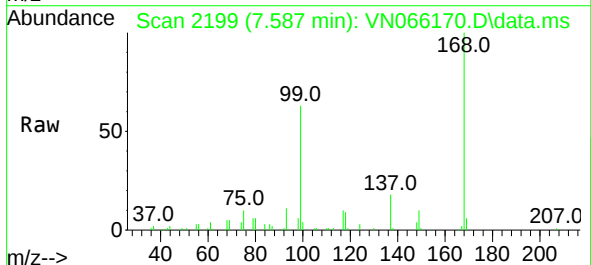
Instrument :
MSVOA_N
ClientSampleId :

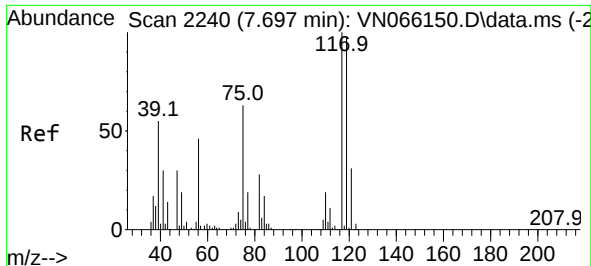
Tgt Ion:	113	Resp:	61095
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.2
192	17.6	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.129 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

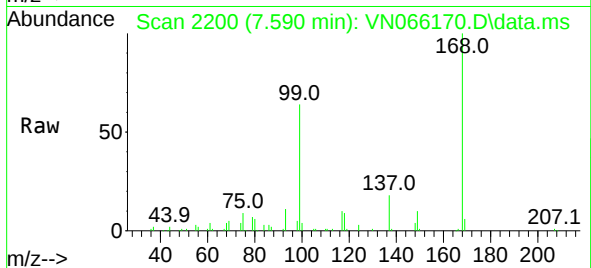
Tgt Ion:	75	Resp:	11170
Ion	Ratio	Lower	Upper
75	100		
110	5.8	18.2	54.6#
77	0.0	24.9	37.3#



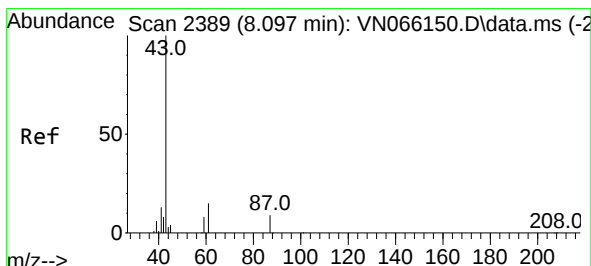
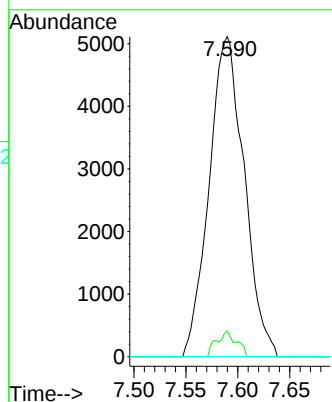
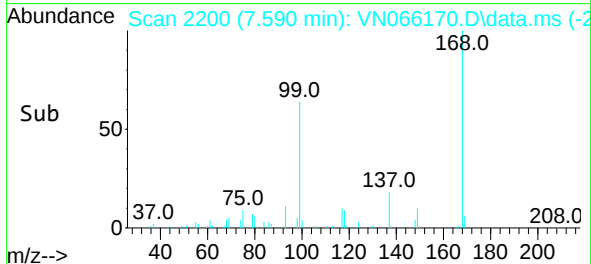


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.590 min Scan# 2200
Delta R.T. -0.107 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

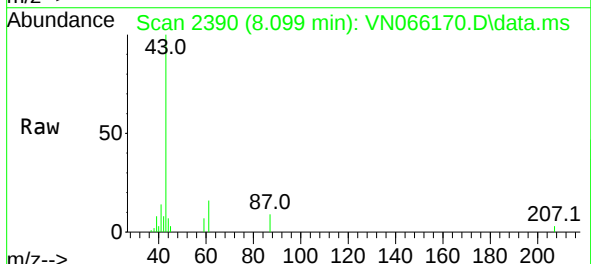
Instrument :
MSVOA_N
ClientSampled :



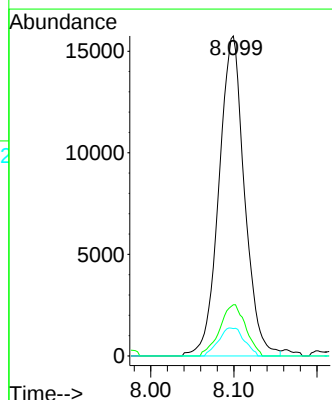
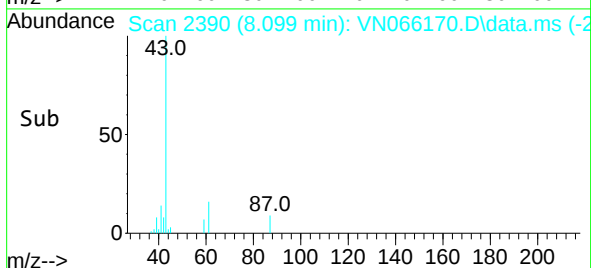
Tgt Ion:117 Resp: 12027
Ion Ratio Lower Upper
117 100
119 8.0 76.0 114.0#
121 0.0 24.5 36.7#

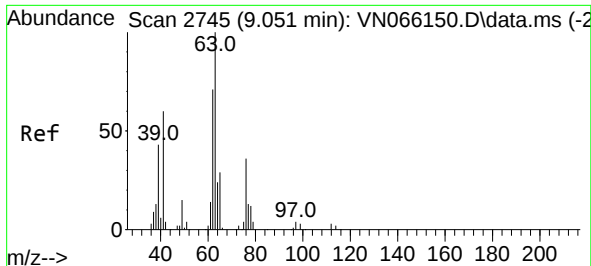


#43
Isopropyl Acetate
Concen: 5.87 ug/l
RT: 8.099 min Scan# 2390
Delta R.T. 0.002 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07



Tgt Ion: 43 Resp: 33624
Ion Ratio Lower Upper
43 100
61 16.2 22.5 33.7#
87 8.7 11.1 16.7#

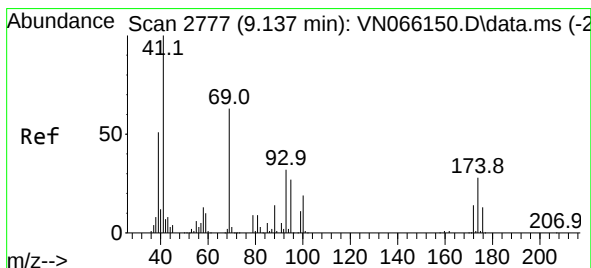
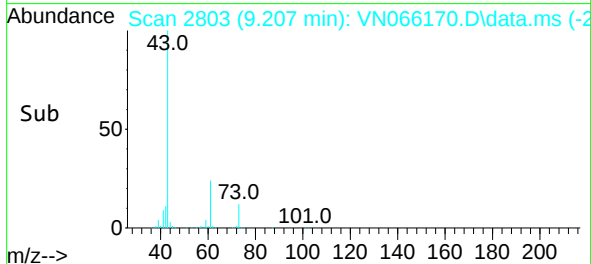
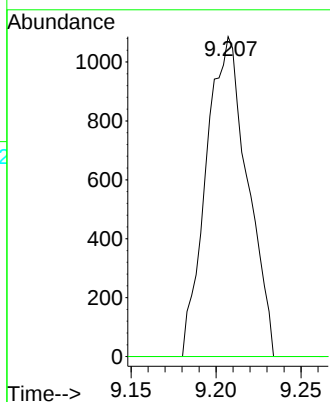
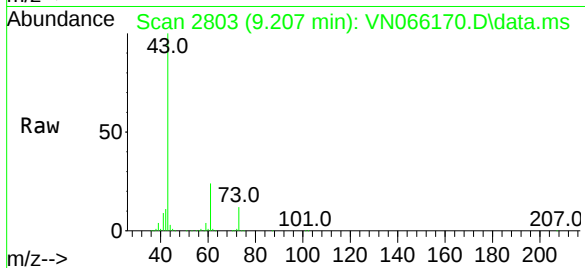




#45
1,2-Dichloropropane
Concen: 0.89 ug/l
RT: 9.207 min Scan# 2803
Delta R.T. 0.156 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

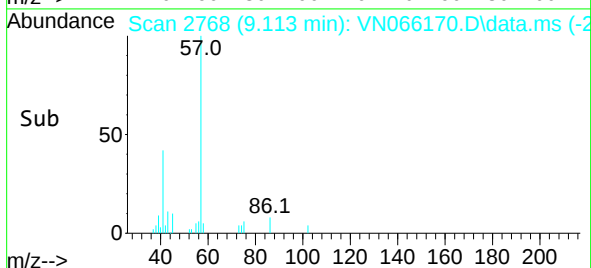
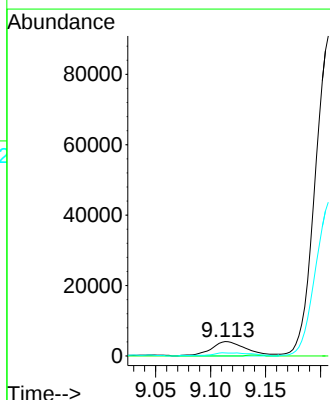
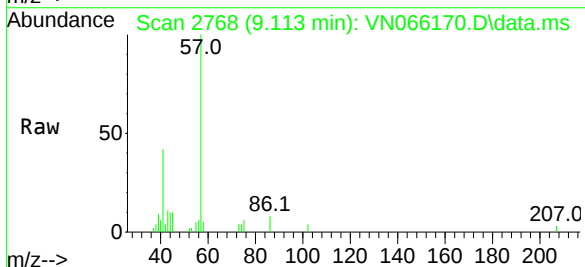
Instrument :
MSVOA_N
ClientSampled :

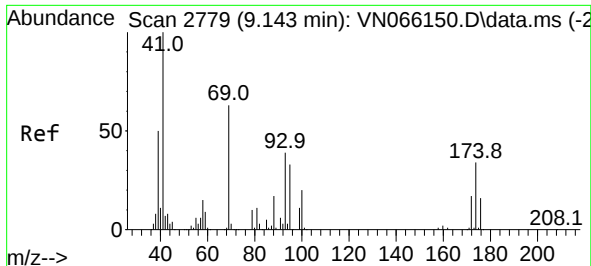
Tgt Ion: 63 Resp: 1836
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 3.27 ug/l
RT: 9.113 min Scan# 2768
Delta R.T. -0.024 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

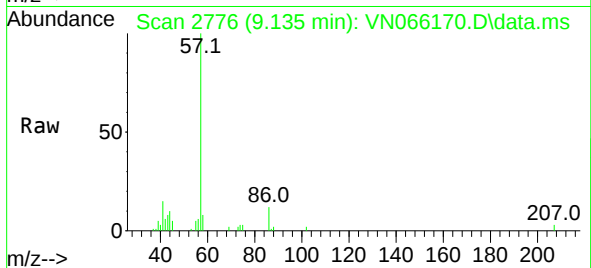
Tgt Ion: 41 Resp: 9165
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



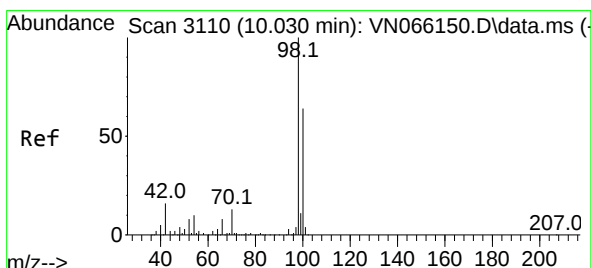
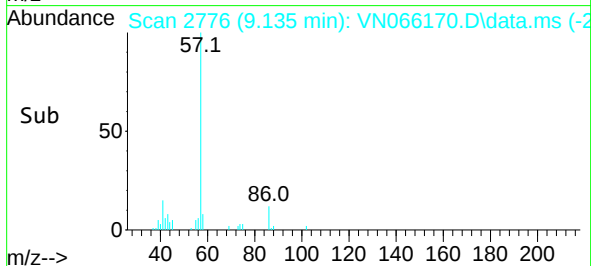
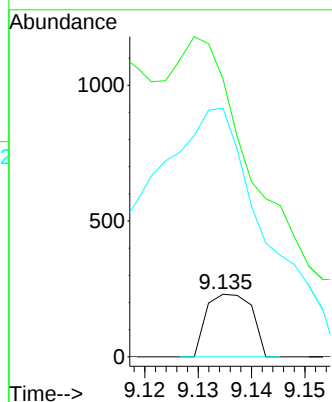


#49
1,4-Dioxane
Concen: 5.28 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.008 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Instrument :
MSVOA_N
ClientSampled :

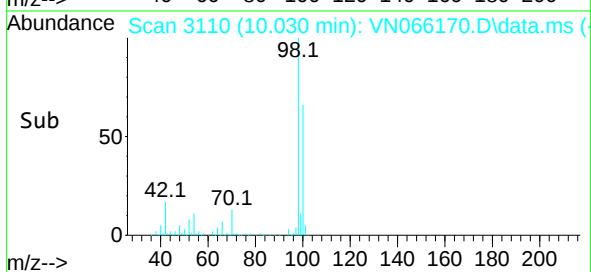
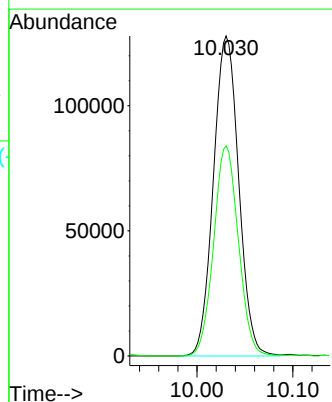
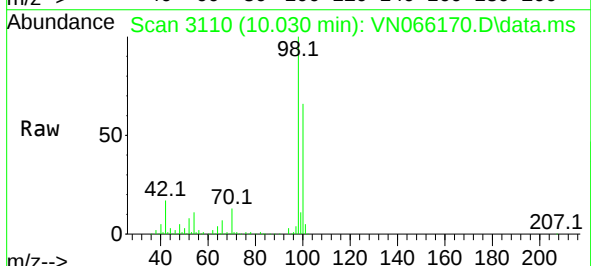


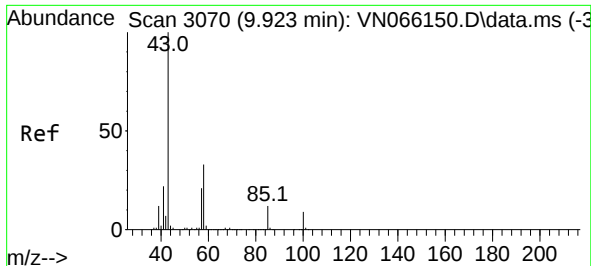
Tgt Ion: 88 Resp: 136
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 1283.1 52.6 78.8#



#50
Toluene-d8
Concen: 42.94 ug/l
RT: 10.030 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 98 Resp: 234260
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

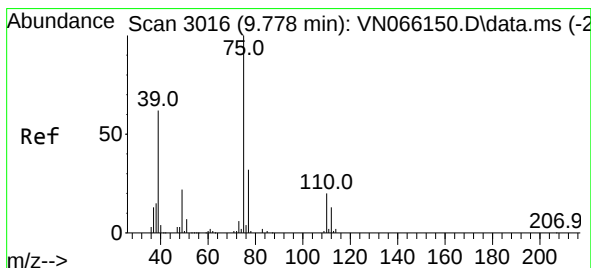
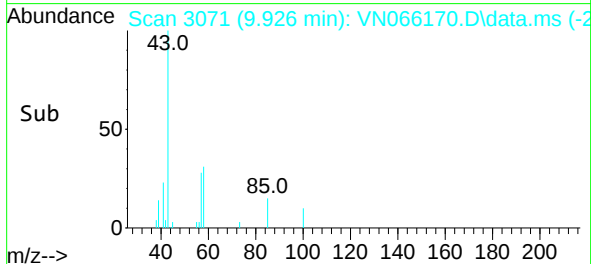
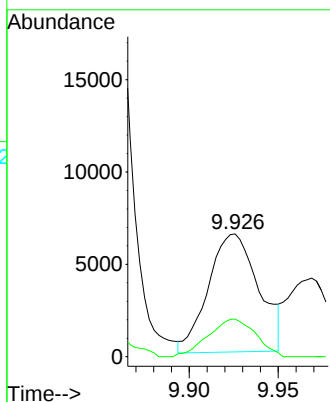
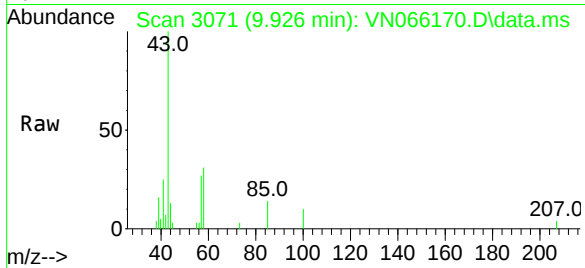




#51
4-Methyl-2-Pentanone
Concen: 3.62 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

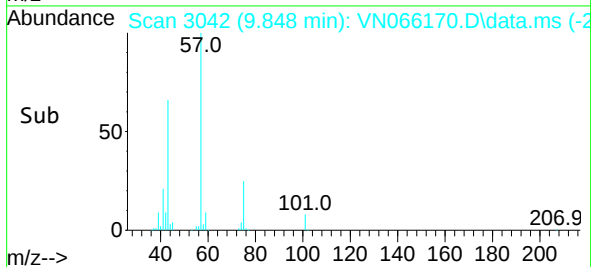
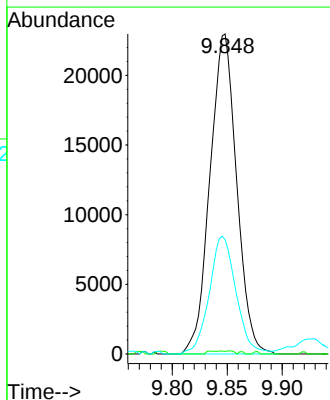
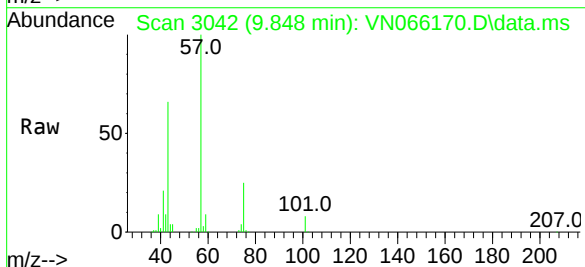
Instrument :
MSVOA_N
ClientSampled :

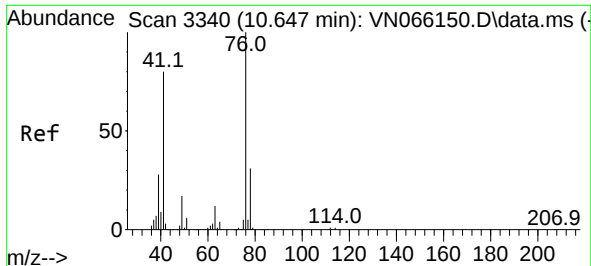
Tgt Ion: 43 Resp: 12603
Ion Ratio Lower Upper
43 100
58 29.8 32.5 48.7#



#54
cis-1,3-Dichloropropene
Concen: 12.46 ug/l
RT: 9.848 min Scan# 3042
Delta R.T. 0.070 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 75 Resp: 38773
Ion Ratio Lower Upper
75 100
77 0.8 24.9 37.3#
39 35.7 36.2 54.4#

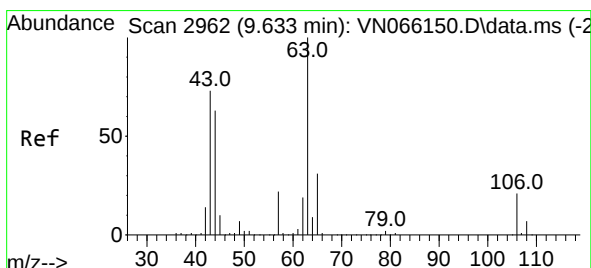
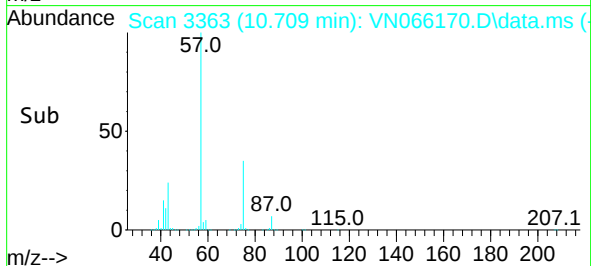
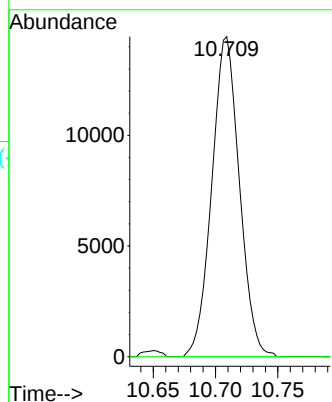
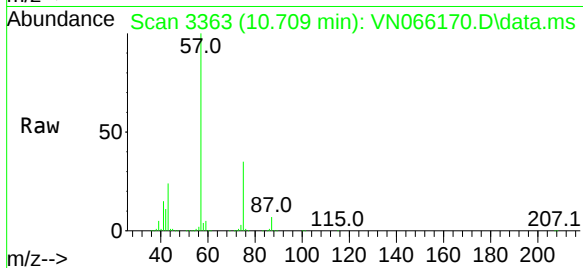




#57
1,3-Dichloropropane
Concen: 7.41 ug/l
RT: 10.709 min Scan# 3363
Delta R.T. 0.062 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

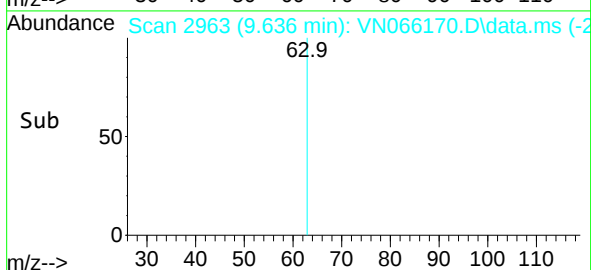
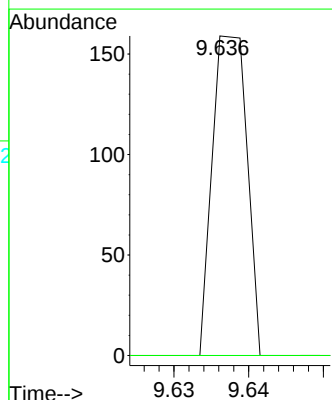
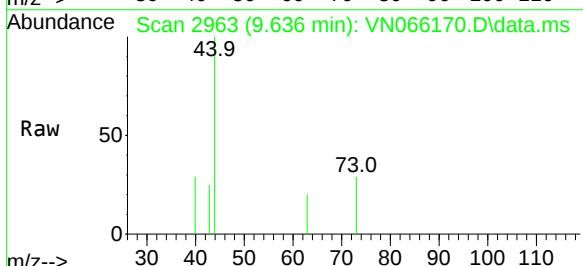
Instrument :
MSVOA_N
ClientSampled :

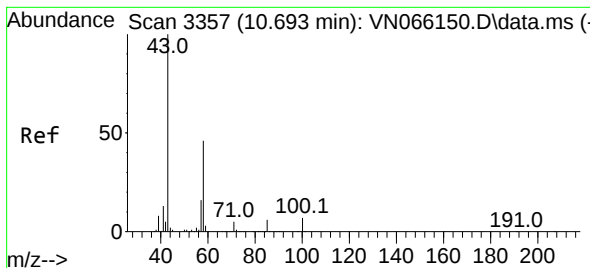
Tgt Ion: 76 Resp: 22281
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 12.20 ug/l
RT: 9.636 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#

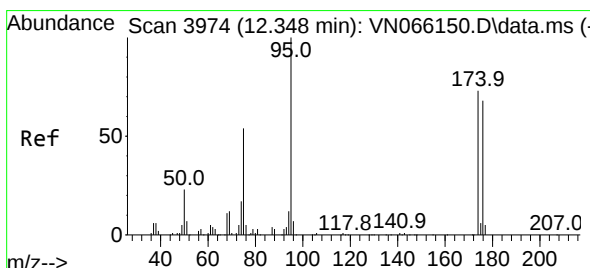
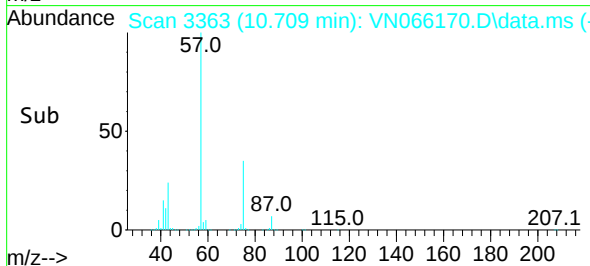
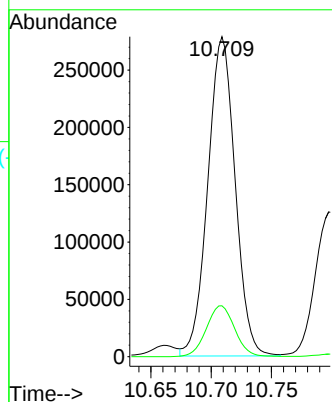
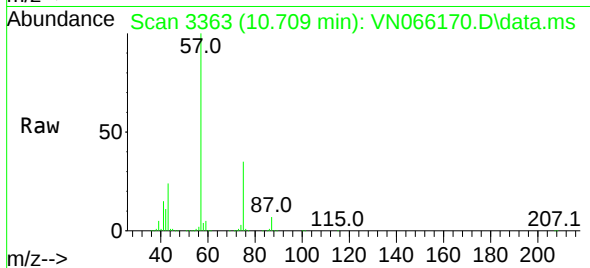




#59
2-Hexanone
Concen: 176.60 ug/l
RT: 10.709 min Scan# 3363
Delta R.T. 0.016 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

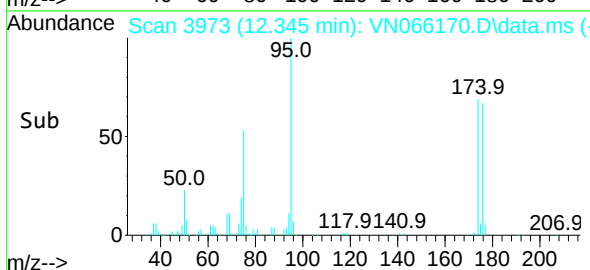
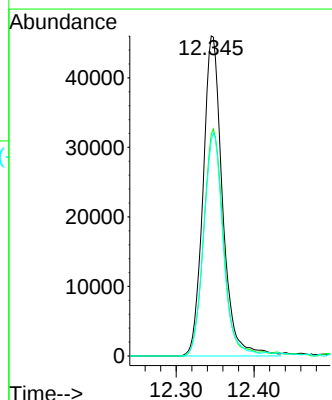
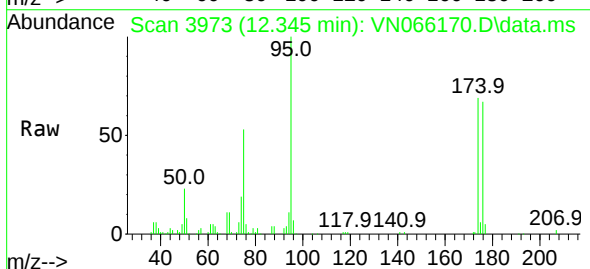
Instrument :
MSVOA_N
ClientSampled :

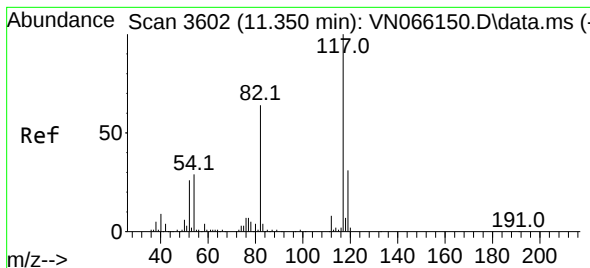
Tgt Ion: 43 Resp: 438980
Ion Ratio Lower Upper
43 100
58 16.7 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 39.34 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

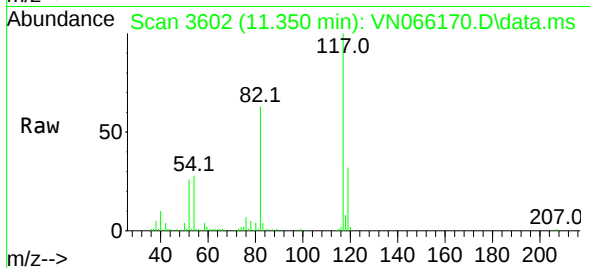
Tgt Ion: 95 Resp: 79892
Ion Ratio Lower Upper
95 100
174 71.9 0.0 169.0
176 69.9 0.0 162.4



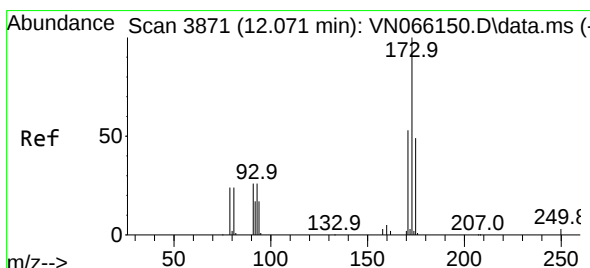
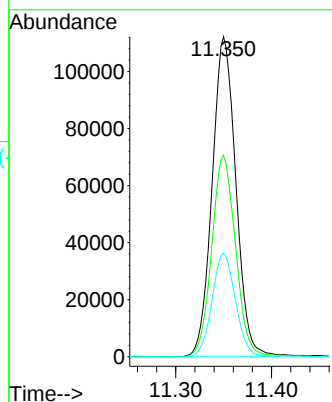
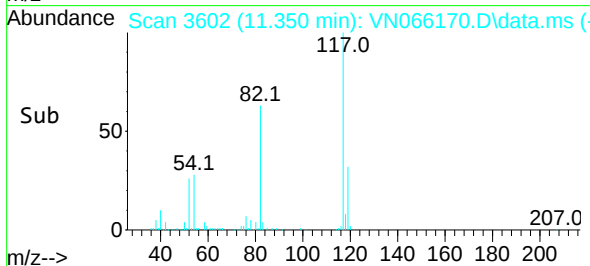


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

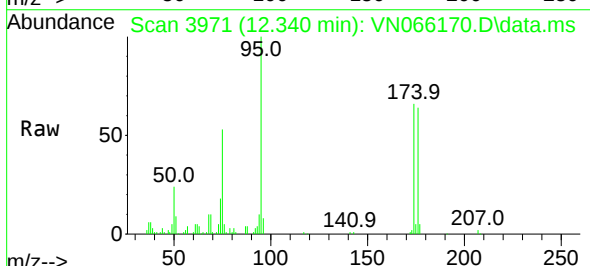
Instrument :
MSVOA_N
ClientSampled :



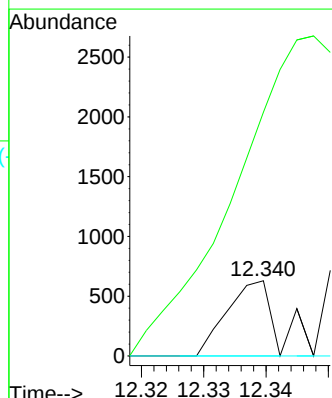
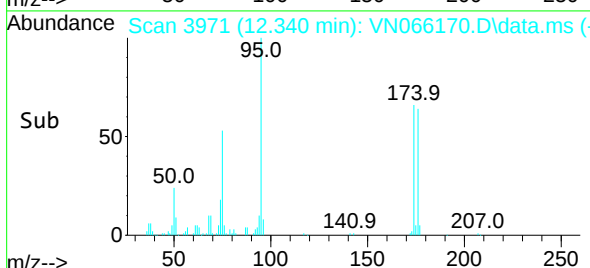
Tgt Ion:117 Resp: 192702
Ion Ratio Lower Upper
117 100
82 62.9 43.7 65.5
119 32.4 26.1 39.1

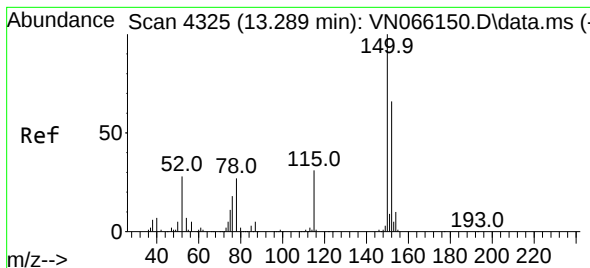


#71
Bromoform
Concen: 0.26 ug/l
RT: 12.340 min Scan# 3971
Delta R.T. 0.269 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07



Tgt Ion:173 Resp: 298
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0

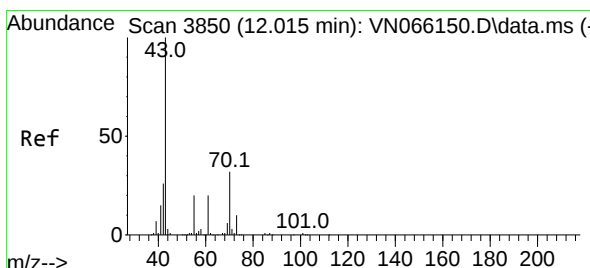
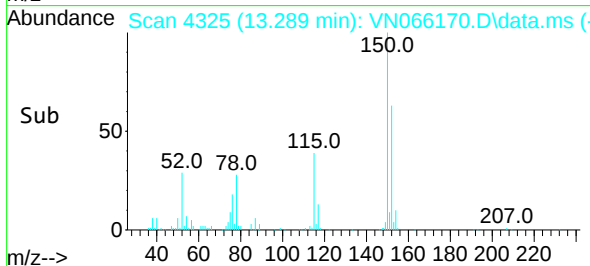
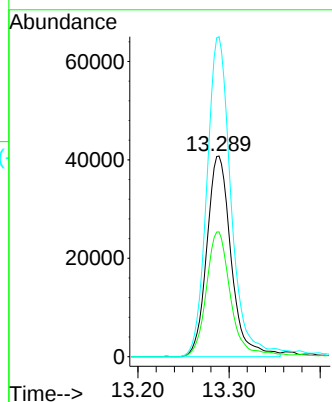
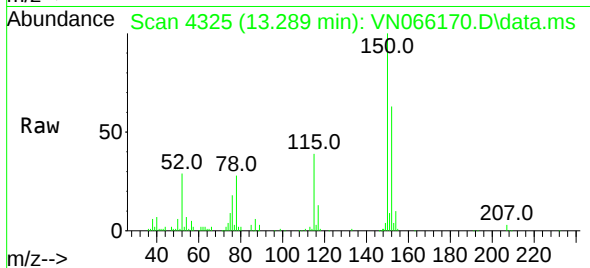




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. -0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

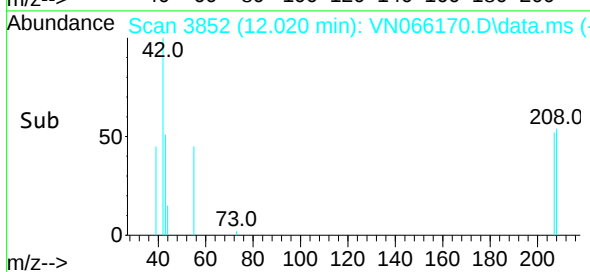
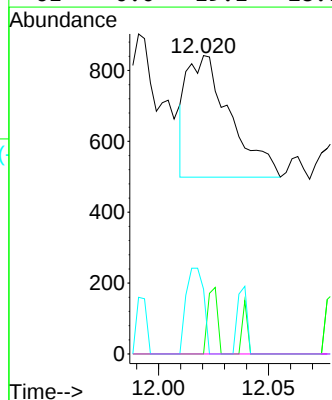
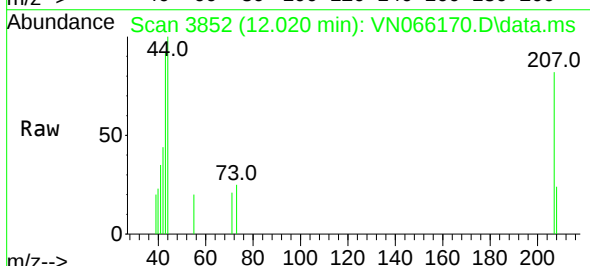
Instrument :
MSVOA_N
ClientSampleId :

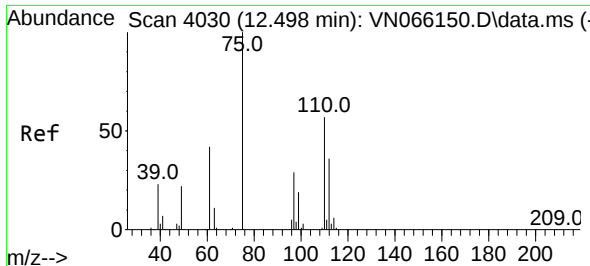
Tgt Ion:152 Resp: 75605
Ion Ratio Lower Upper
152 100
115 62.4 28.5 85.6
150 157.2 0.0 347.6



#74
N-ethyl acetate
Concen: 3.09 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. 0.005 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
70 12.3 34.4 51.6#
55 28.5 20.7 31.1
61 0.0 19.1 28.7#

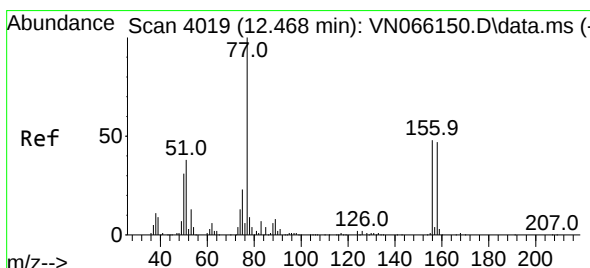
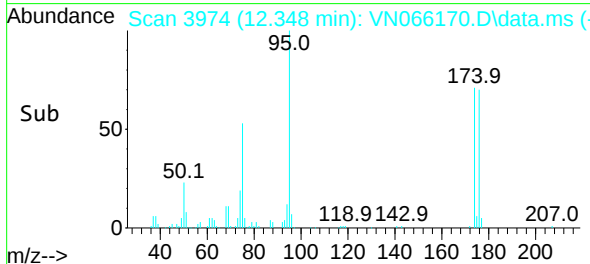
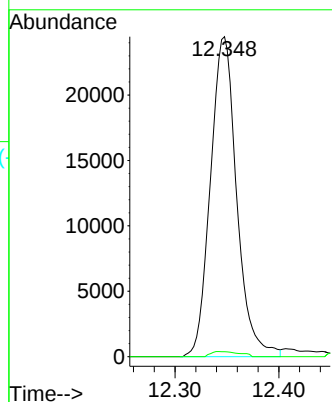
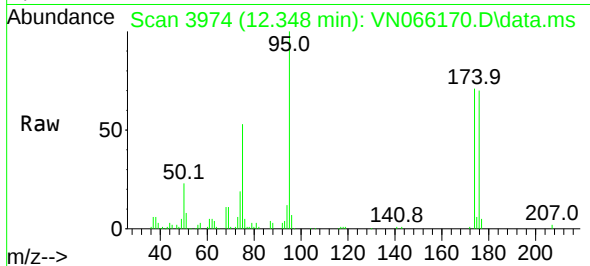




#76
1,2,3-Trichloropropane
Concen: 18.99 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. -0.150 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

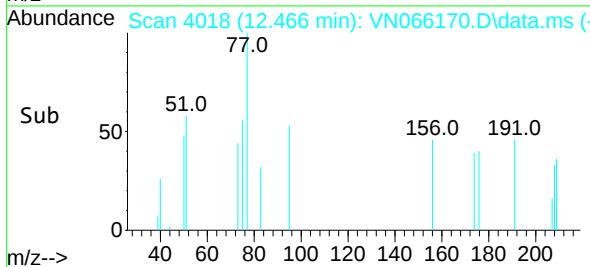
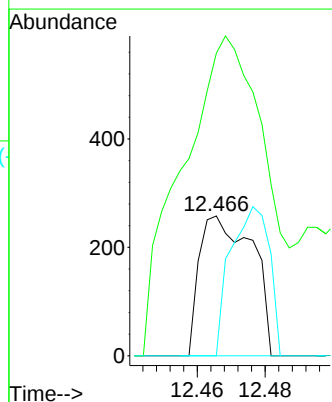
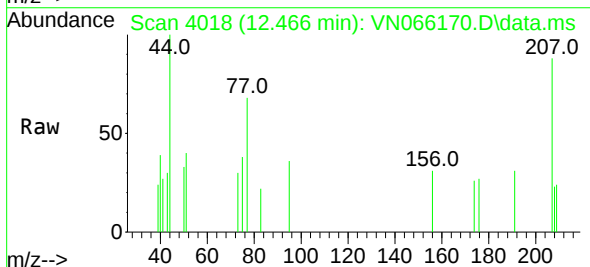
Instrument :
MSVOA_N
ClientSampled :

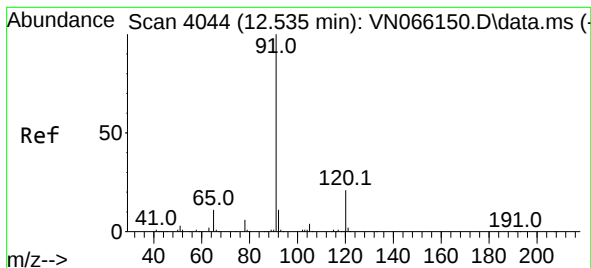
Tgt Ion: 75 Resp: 43024
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#77
Bromobenzene
Concen: 0.20 ug/l
RT: 12.466 min Scan# 4018
Delta R.T. -0.002 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion:156 Resp: 278
Ion Ratio Lower Upper
156 100
77 362.9 96.3 288.8#
158 78.1 49.0 147.0





#78

n-propylbenzene

Concen: 0.28 ug/l

RT: 12.535 min Scan# 4044

Delta R.T. 0.000 min

Lab File: VN066170.D

Acq: 10 Mar 2021 17:07

Tgt Ion: 91 Resp: 1958

Ion Ratio Lower Upper

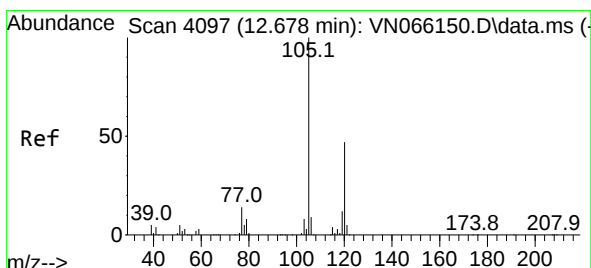
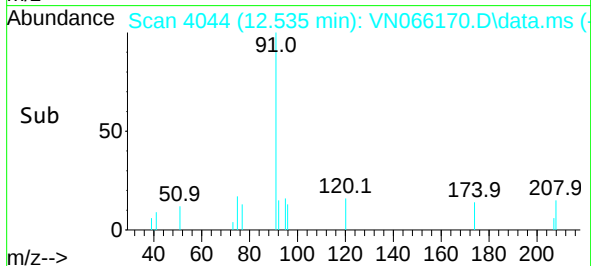
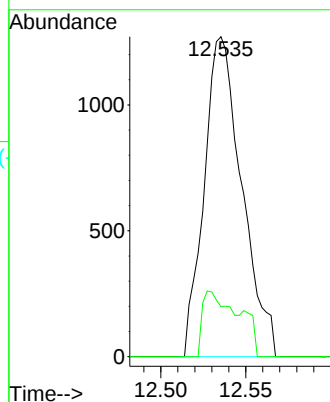
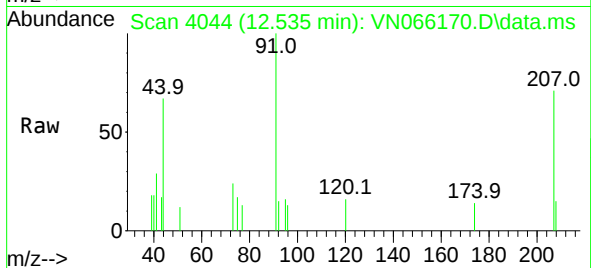
91 100

120 15.5 11.8 35.3

Instrument :

MSVOA_N

ClientSampled :



#80

1,3,5-Trimethylbenzene

Concen: 0.30 ug/l

RT: 12.680 min Scan# 4098

Delta R.T. 0.002 min

Lab File: VN066170.D

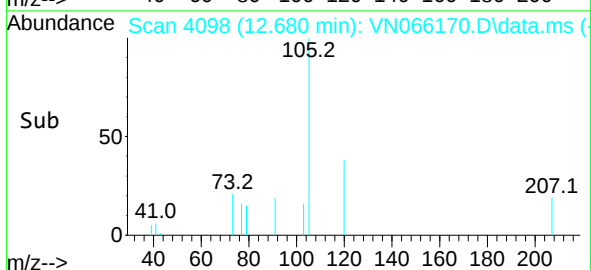
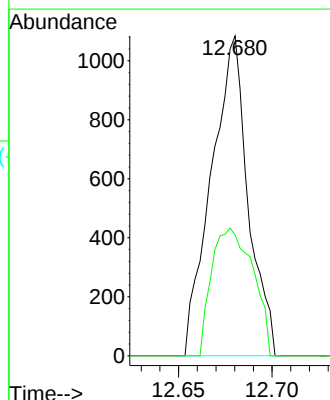
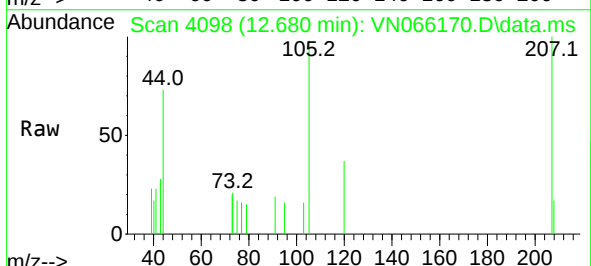
Acq: 10 Mar 2021 17:07

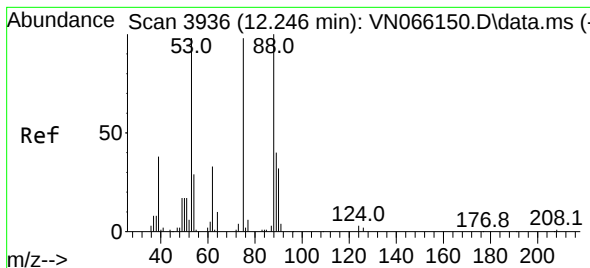
Tgt Ion:105 Resp: 1482

Ion Ratio Lower Upper

105 100

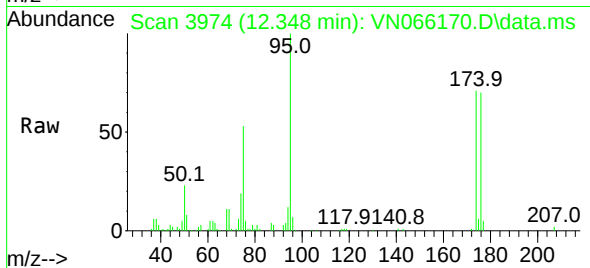
120 44.8 24.3 72.8



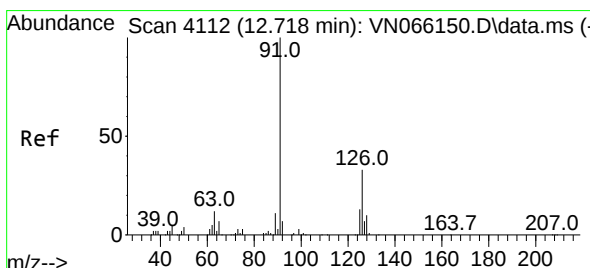
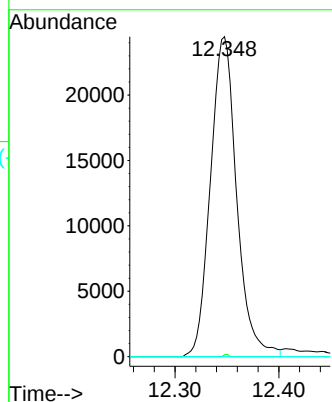
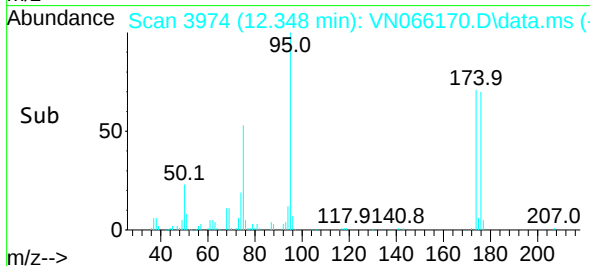


#81
trans-1,4-Dichloro-2-butene
Concen: 59.28 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

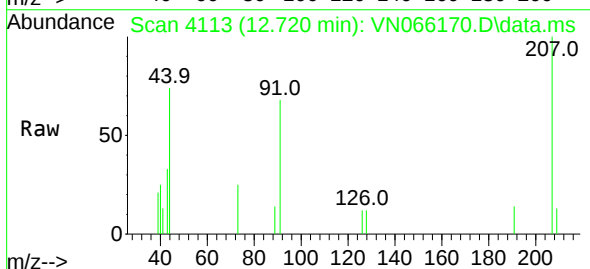
Instrument :
MSVOA_N
ClientSampled :



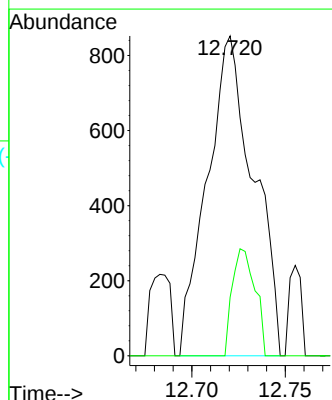
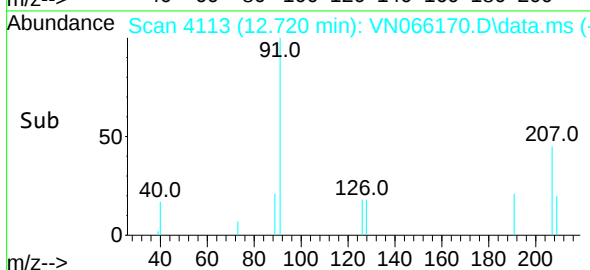
Tgt Ion: 75 Resp: 43024
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#

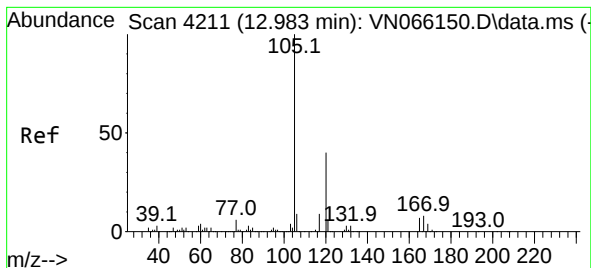


#82
4-Chlorotoluene
Concen: 0.34 ug/l
RT: 12.720 min Scan# 4113
Delta R.T. 0.002 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07



Tgt Ion: 91 Resp: 1470
Ion Ratio Lower Upper
91 100
126 16.4 17.2 51.6#

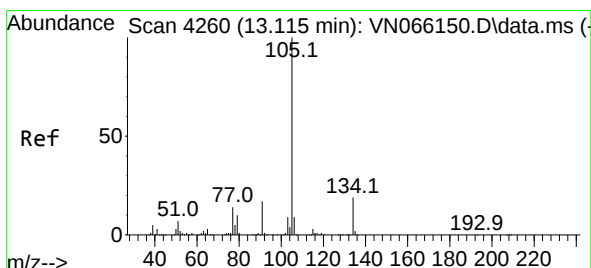
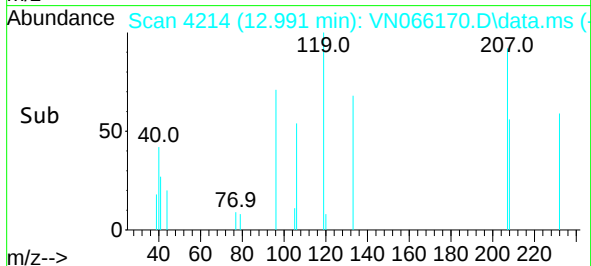
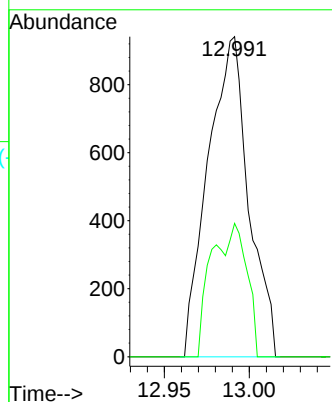
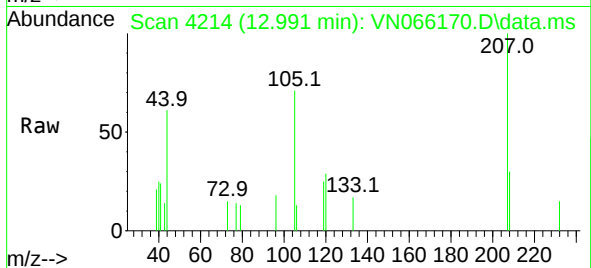




#84
1,2,4-Trimethylbenzene
Concen: 0.32 ug/l
RT: 12.991 min Scan# 4214
Delta R.T. 0.008 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

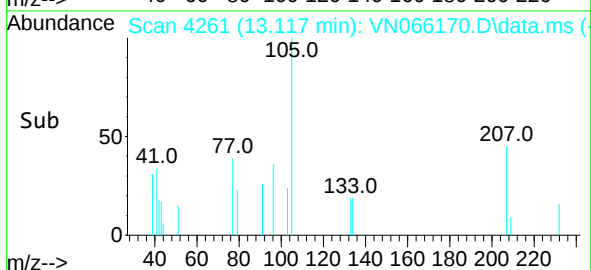
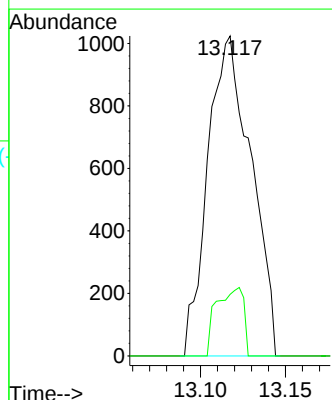
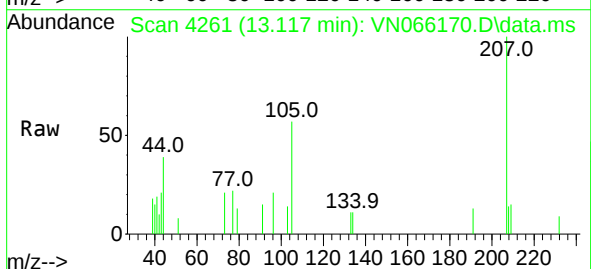
Instrument :
MSVOA_N
ClientSampleId :

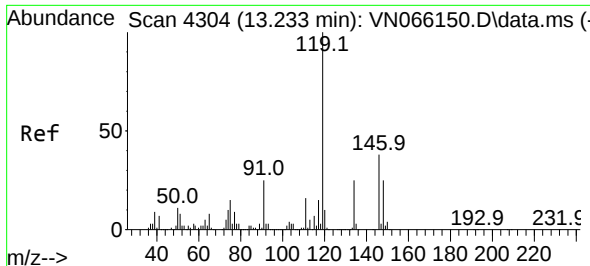
Tgt Ion:105 Resp: 1565
Ion Ratio Lower Upper
105 100
120 18.7 22.4 67.0#



#85
sec-Butylbenzene
Concen: 0.33 ug/l
RT: 13.117 min Scan# 4261
Delta R.T. 0.002 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion:105 Resp: 1816
Ion Ratio Lower Upper
105 100
134 13.3 10.0 30.0

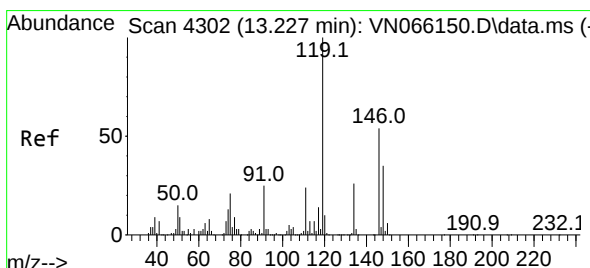
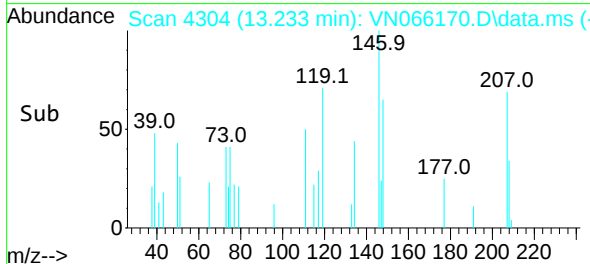
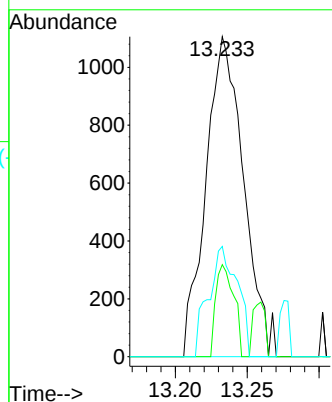
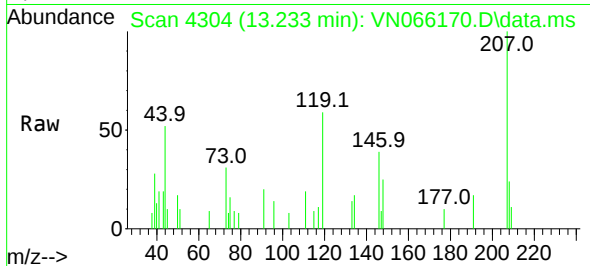




#86
p-Isopropyltoluene
Concen: 0.41 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. -0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

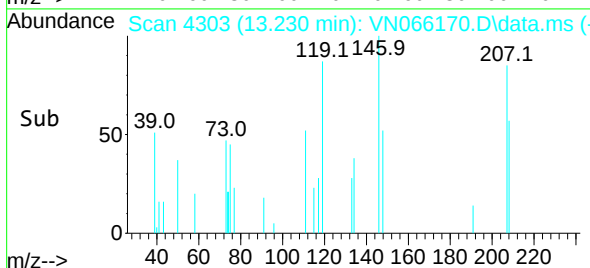
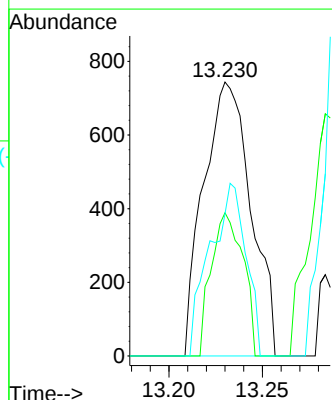
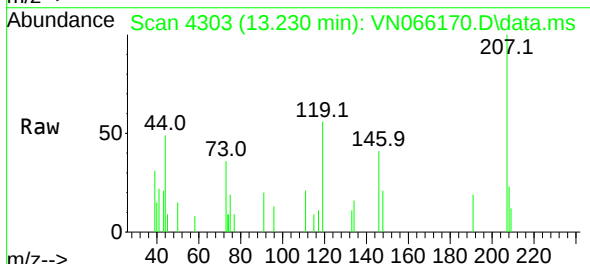
Instrument :
MSVOA_N
ClientSampled :

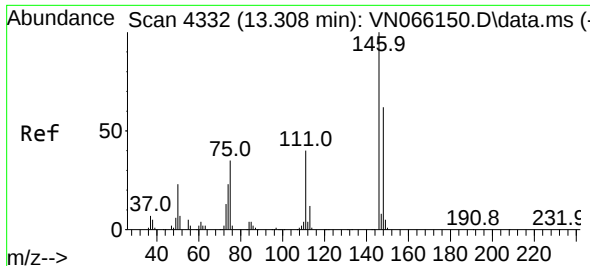
Tgt Ion:	119	Resp:	2015
Ion	Ratio	Lower	Upper
119	100		
134	13.6	13.3	39.8
91	26.4	11.8	35.3



#87
1,3-Dichlorobenzene
Concen: 0.53 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. 0.003 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion:	146	Resp:	1309
Ion	Ratio	Lower	Upper
146	100		
111	35.1	19.5	58.5
148	48.2	32.3	96.9

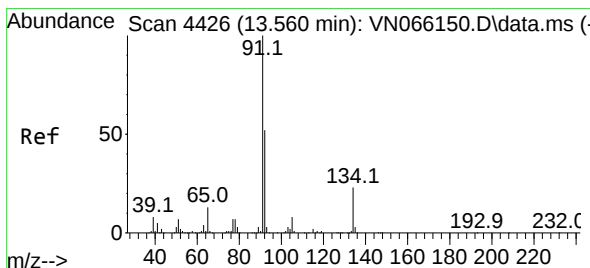
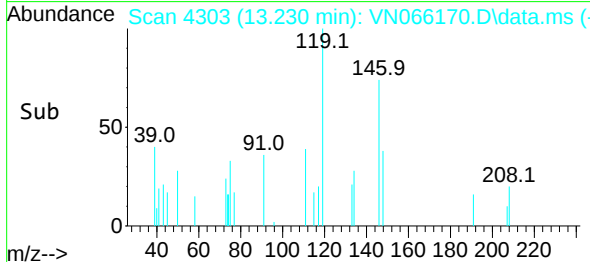
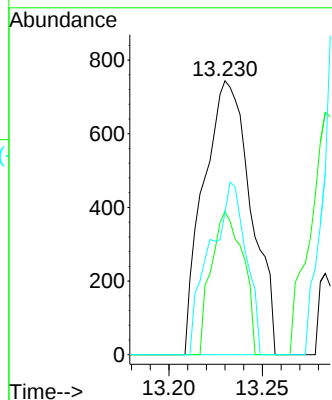
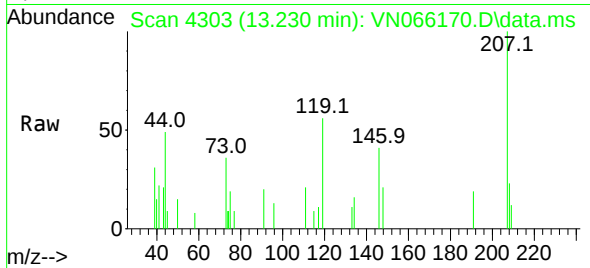




#88
1,4-Dichlorobenzene
Concen: 0.52 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. -0.078 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

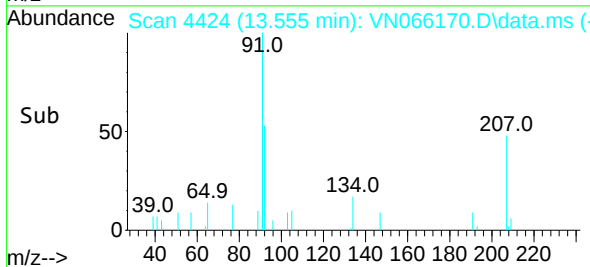
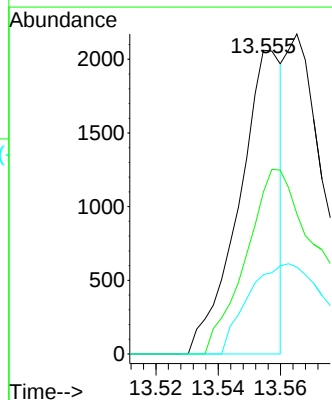
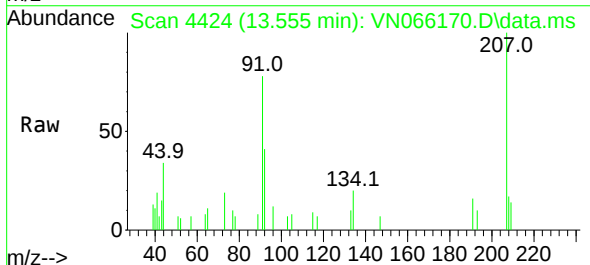
Instrument :
MSVOA_N
ClientSampleId :

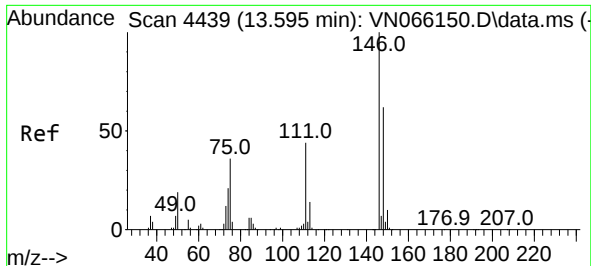
Tgt Ion:146 Resp: 1309
Ion Ratio Lower Upper
146 100
111 35.1 19.0 57.0
148 48.2 31.8 95.3



#89
n-Butylbenzene
Concen: 0.43 ug/l
RT: 13.555 min Scan# 4424
Delta R.T. -0.005 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion: 91 Resp: 1958
Ion Ratio Lower Upper
91 100
92 109.6 26.1 78.3#
134 50.9 13.0 38.9#

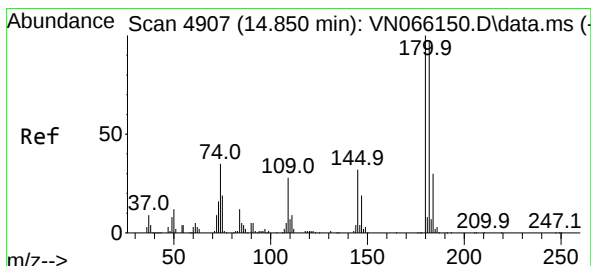
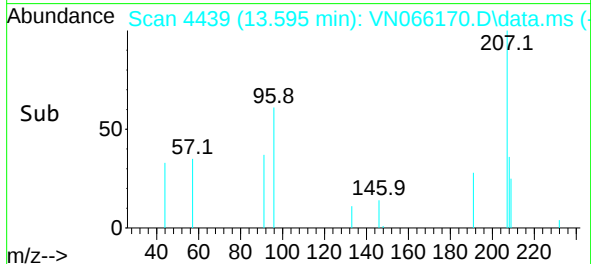
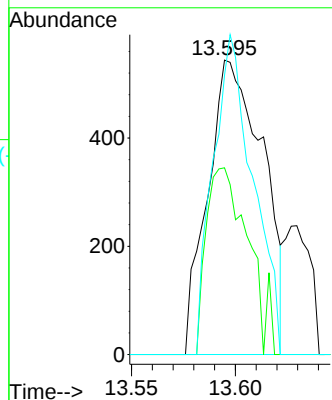
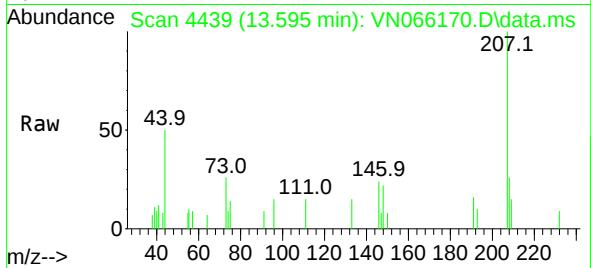




#91
1,2-Dichlorobenzene
Concen: 0.41 ug/l
RT: 13.595 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

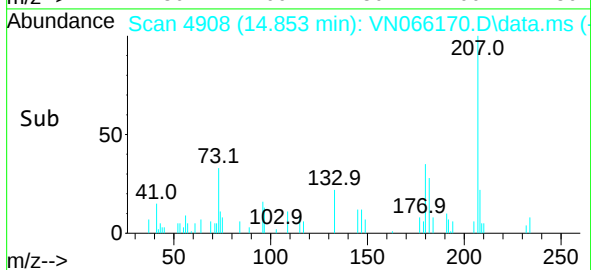
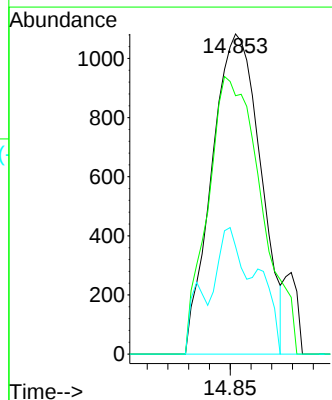
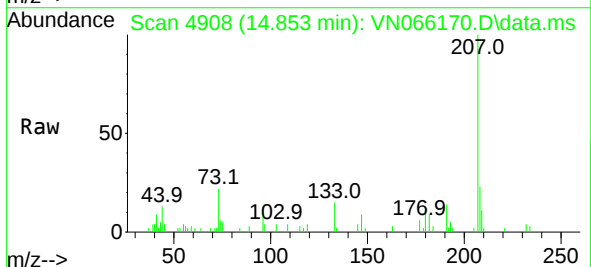
Instrument :
MSVOA_N
ClientSampleId :

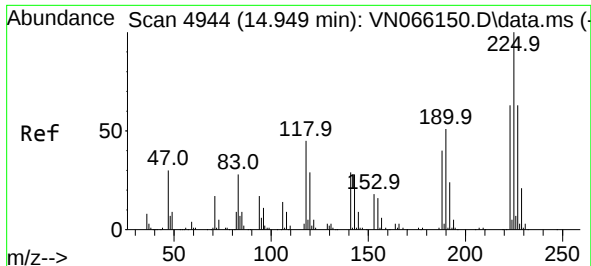
Tgt Ion:146 Resp: 1003
Ion Ratio Lower Upper
146 100
111 48.3 20.1 60.3
148 78.7 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 3.27 ug/l
RT: 14.853 min Scan# 4908
Delta R.T. 0.003 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

Tgt Ion:180 Resp: 1766
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 12.2 15.6 46.8#

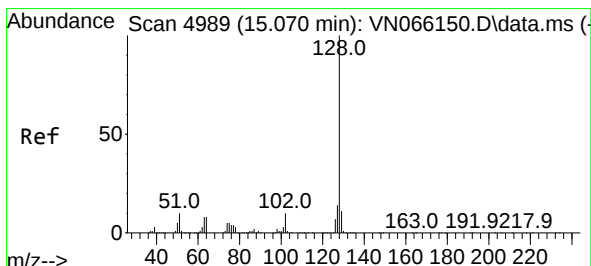
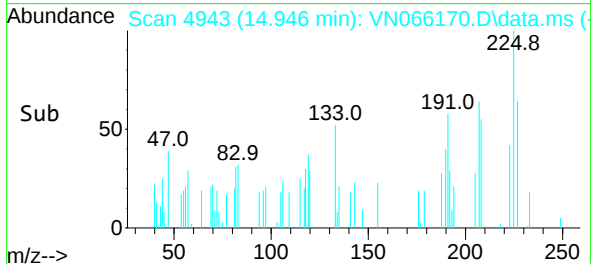
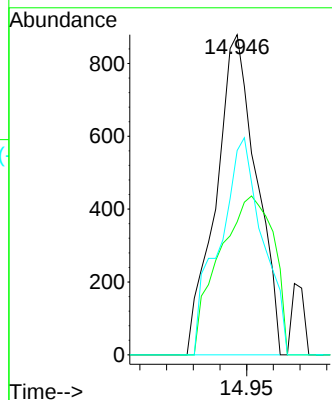
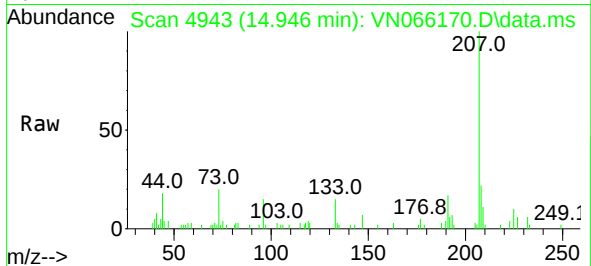




#94
Hexachlorobutadiene
Concen: 1.32 ug/l
RT: 14.946 min Scan# 4943
Delta R.T. -0.003 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

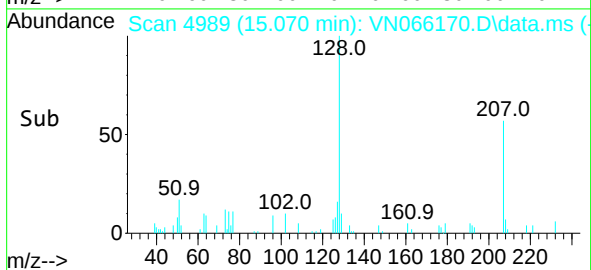
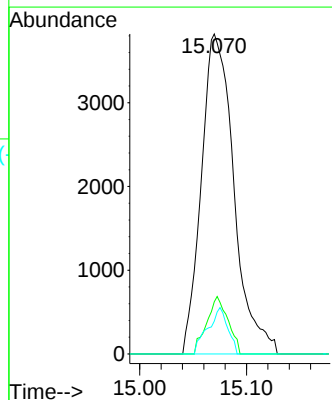
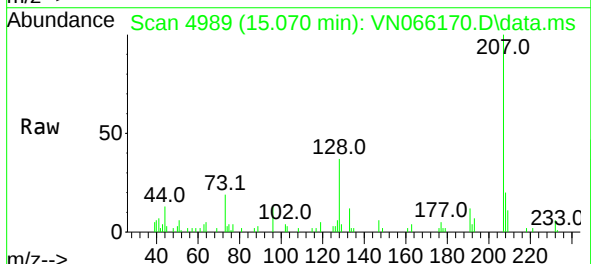
Instrument :
MSVOA_N
ClientSampleId :

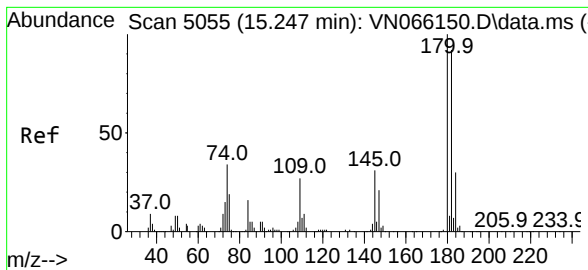
Tgt Ion:	225	Resp:	928
Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.9	95.9
227	72.3	31.6	95.0



#95
Naphthalene
Concen: 1.73 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066170.D
Acq: 10 Mar 2021 17:07

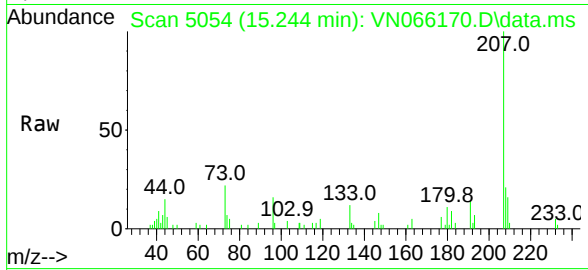
Tgt Ion:	128	Resp:	8088
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.2
129	8.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.08 ug/l
 RT: 15.244 min Scan# 5054
 Delta R.T. -0.003 min
 Lab File: VN066170.D
 Acq: 10 Mar 2021 17:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1624
Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.4	142.3
145	30.9	16.5	49.5

