

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066788.D
 Acq On : 27 Apr 2021 18:02
 Operator : JC/MD
 Sample : PB135974ZHE#10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 28 08:12:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

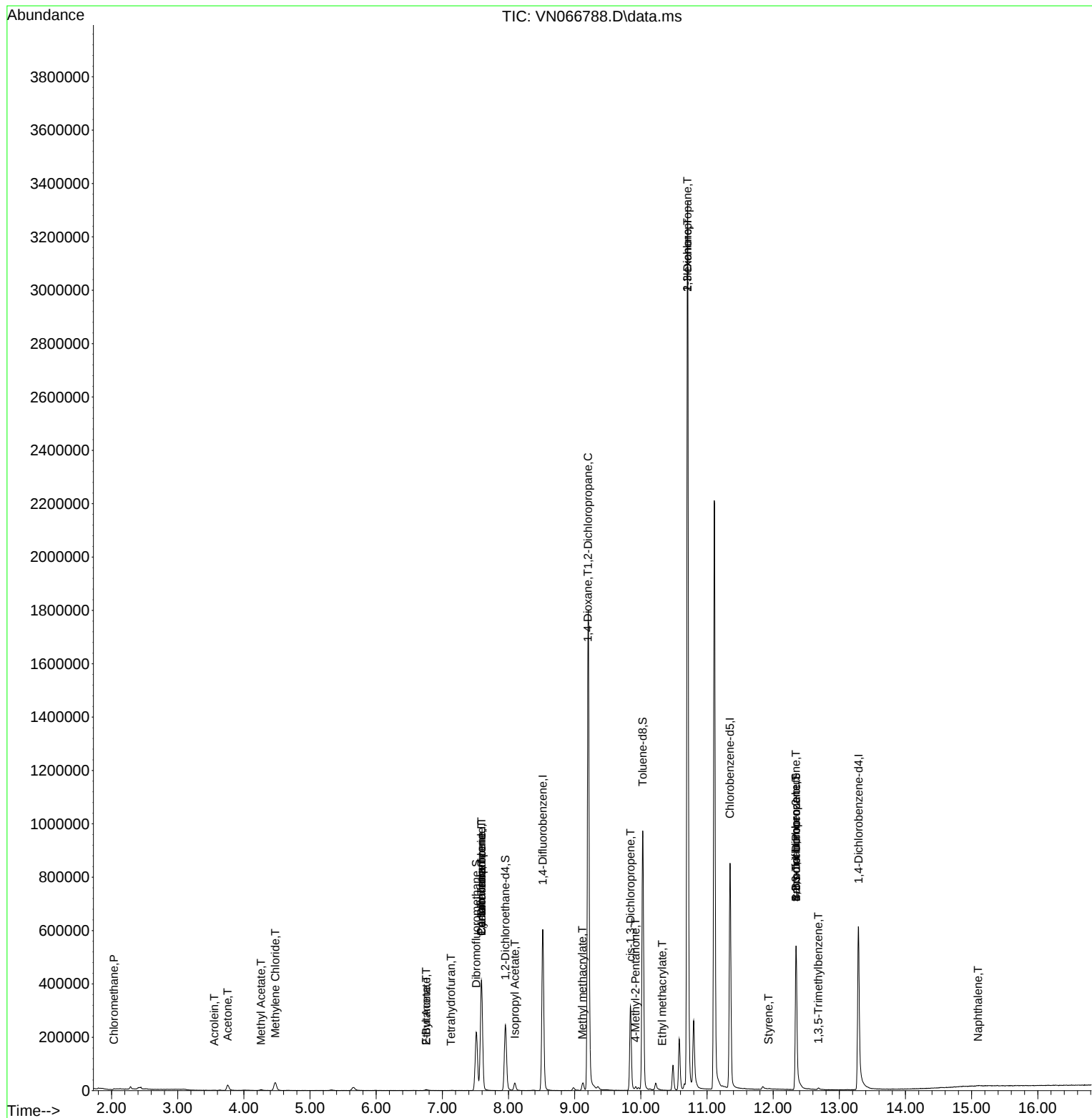
Internal Standards						
1) Pentafluorobenzene	7.591	168	356337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	558796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	503946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	215023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	218382	47.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.40%		
35) Dibromofluoromethane	7.513	113	172719	50.07	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.14%		
50) Toluene-d8	10.029	98	684949	50.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.18%		
62) 4-Bromofluorobenzene	12.346	95	221463	48.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.68%		
Target Compounds					Qvalue	
3) Chloromethane	2.034	50	1172	0.23	ug/l	91
13) Acrolein	3.552	56	623	1.06	ug/l #	51
16) Acetone	3.756	43	34724	20.10	ug/l	96
18) Methyl Acetate	4.260	43	5797	2.33	ug/l #	84
20) Methylene Chloride	4.474	84	22354	5.11	ug/l	94
25) 2-Butanone	6.754	43	5604	2.31	ug/l #	88
29) Tetrahydrofuran	7.130	42	846	0.51	ug/l #	32
31) Cyclohexane	7.591	56	7088	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	25509	4.91	ug/l #	48
37) Ethyl Acetate	6.754	43	5604	1.02	ug/l #	68
38) Carbon Tetrachloride	7.591	117	31939	6.41	ug/l #	16
43) Isopropyl Acetate	8.095	43	33799	3.86	ug/l #	89
45) 1,2-Dichloropropane	9.203	63	2360	0.55	ug/l #	44
48) Methyl methacrylate	9.114	41	7306	1.91	ug/l #	10
49) 1,4-Dioxane	9.197	88	122	2.13	ug/l #	1
51) 4-Methyl-2-Pentanone	9.922	43	9176	1.93	ug/l	92
54) cis-1,3-Dichloropropene	9.844	75	59667	9.04	ug/l #	63
56) Ethyl methacrylate	10.324	69	177	3.20	ug/l #	27
57) 1,3-Dichloropropane	10.705	76	34267	5.38	ug/l #	43
59) 2-Hexanone	10.705	43	487488	139.45	ug/l #	49
70) Styrene	11.930	104	51	3.05	ug/l #	26
71) Bromoform	12.346	173	1314	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.346	75	110160	24.31	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.681	105	4202	0.32	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.346	75	110160	65.36	ug/l #	12
95) Naphthalene	15.095	128	3364	0.35	ug/l #	69

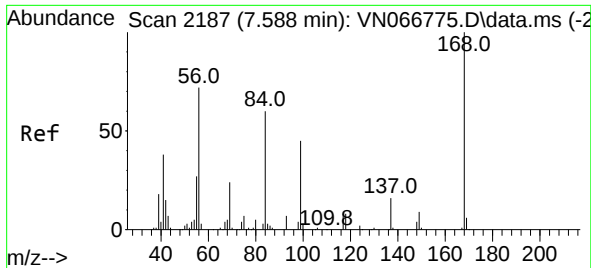
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

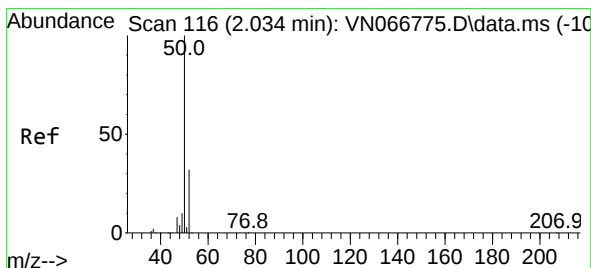
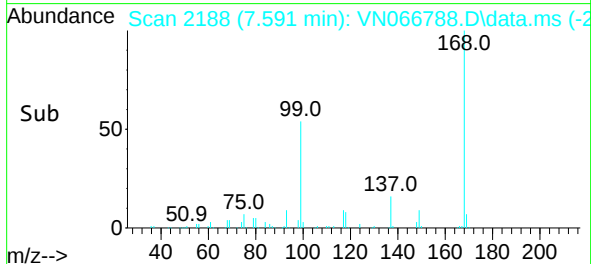
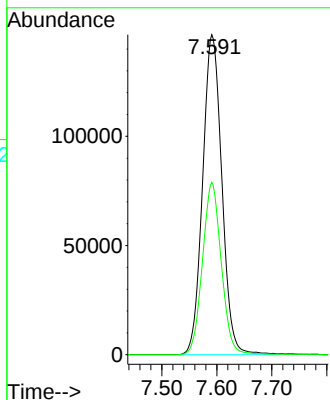
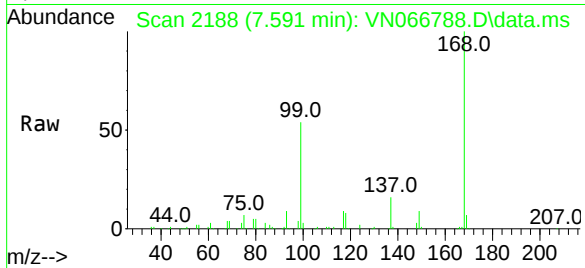




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

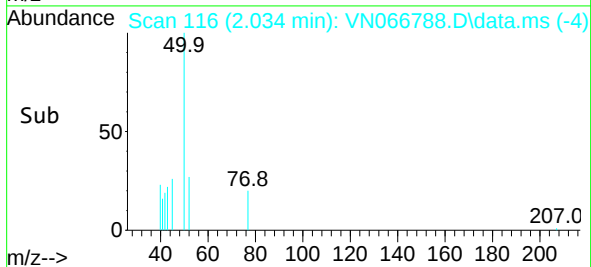
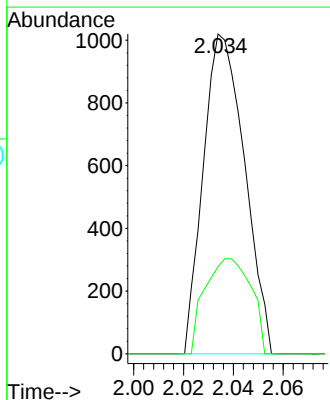
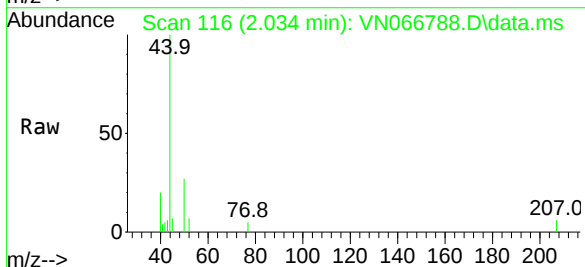
Instrument :
MSVOA_N
ClientSampled :

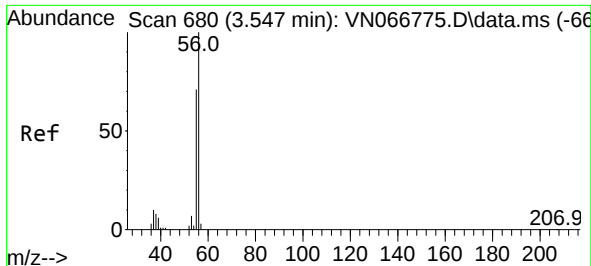
Tgt Ion:168 Resp: 356337
Ion Ratio Lower Upper
168 100
99 53.8 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

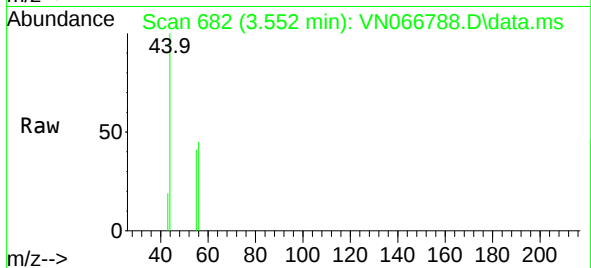
Tgt Ion: 50 Resp: 1172
Ion Ratio Lower Upper
50 100
52 27.3 25.8 38.8



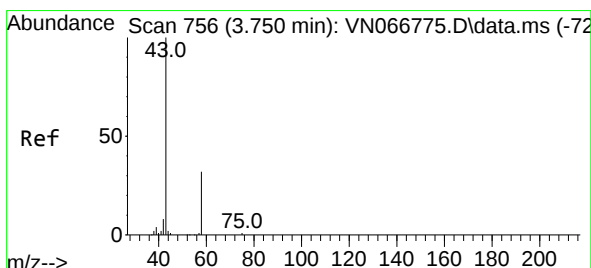
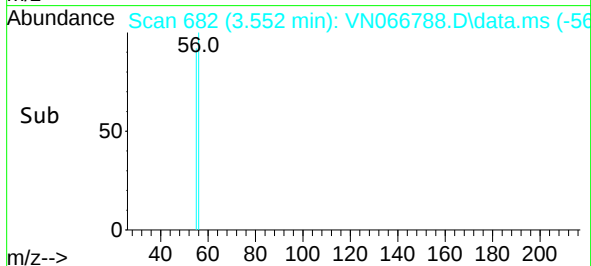
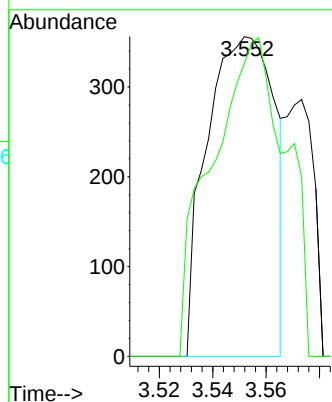


#13
Acrolein
Concen: 1.06 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

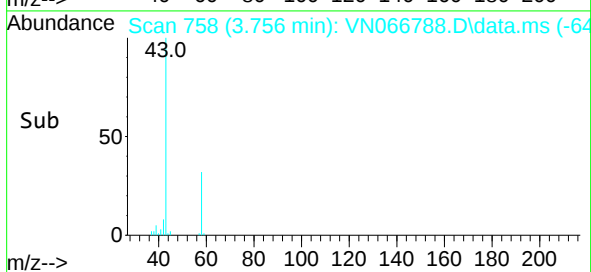
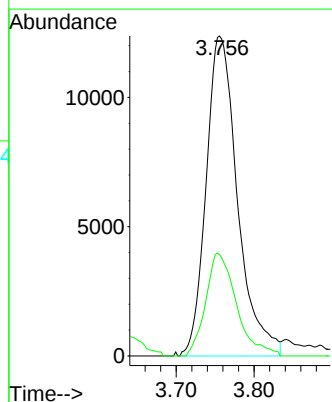
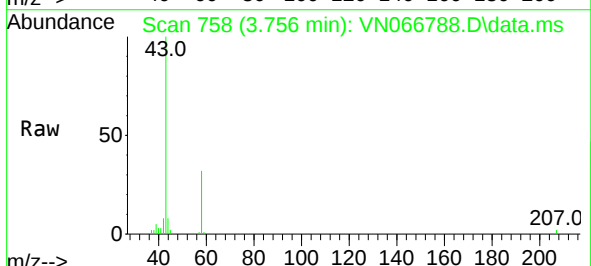


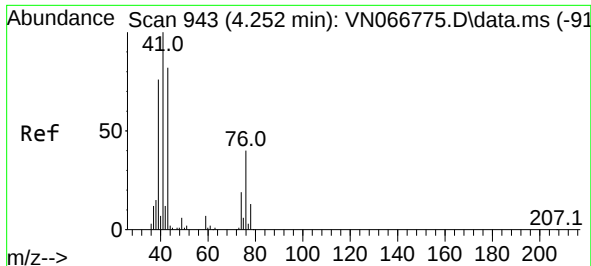
Tgt Ion: 56 Resp: 623
Ion Ratio Lower Upper
56 100
55 110.4 56.0 84.0#



#16
Acetone
Concen: 20.10 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

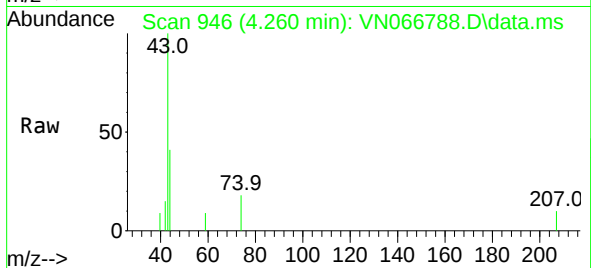
Tgt Ion: 43 Resp: 34724
Ion Ratio Lower Upper
43 100
58 31.7 27.0 40.6



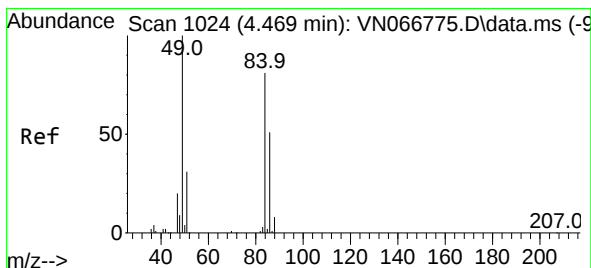
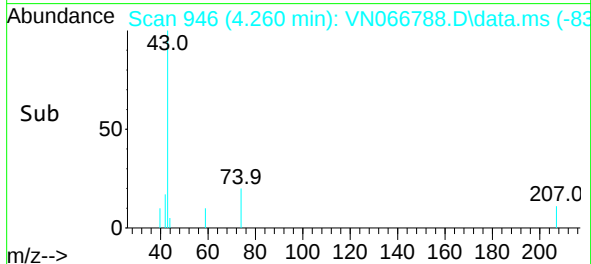
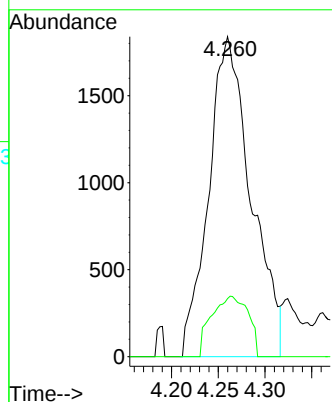


#18
Methyl Acetate
Concen: 2.33 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

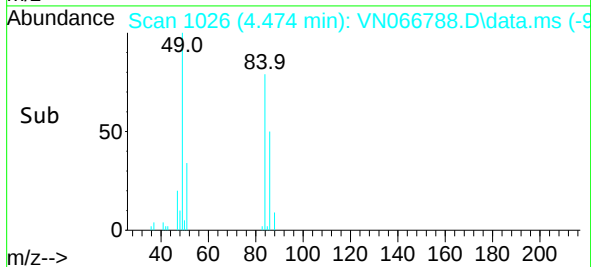
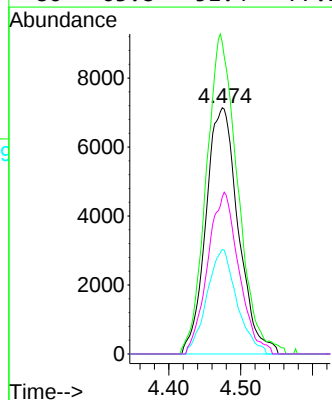
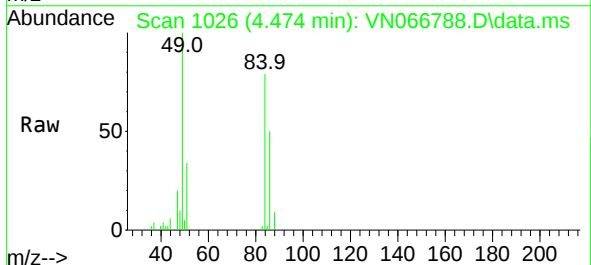


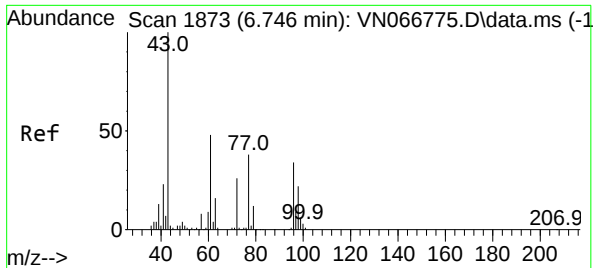
Tgt Ion: 43 Resp: 5797
Ion Ratio Lower Upper
43 100
74 16.4 19.5 29.3#



#20
Methylene Chloride
Concen: 5.11 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.005 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Tgt Ion: 84 Resp: 22354
Ion Ratio Lower Upper
84 100
49 126.4 94.6 141.8
51 42.5 29.9 44.9
86 63.8 51.4 77.2

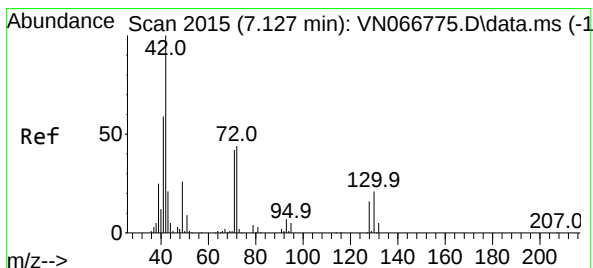
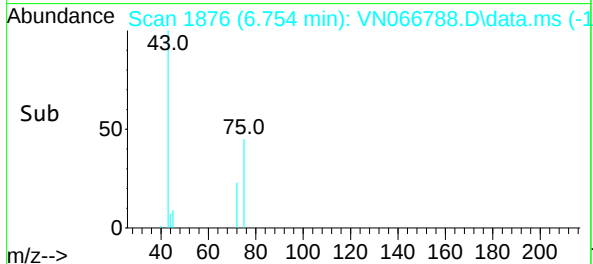
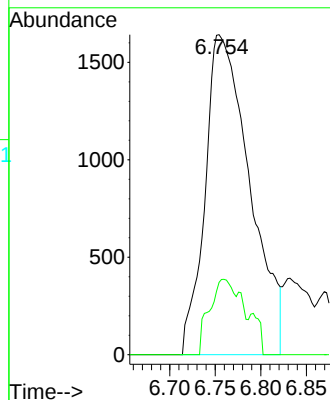
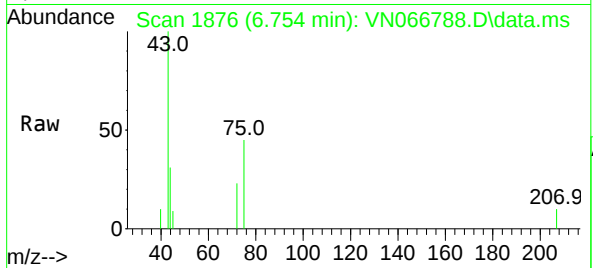




#25
2-Butanone
Concen: 2.31 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. 0.008 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

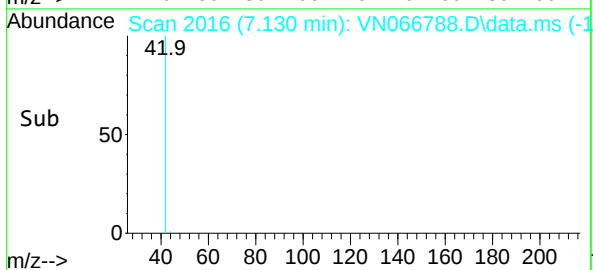
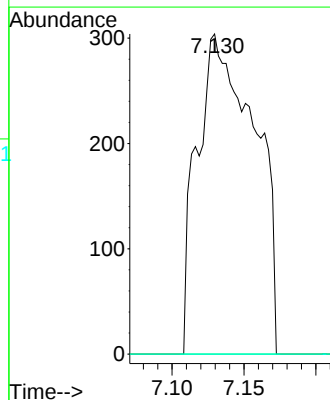
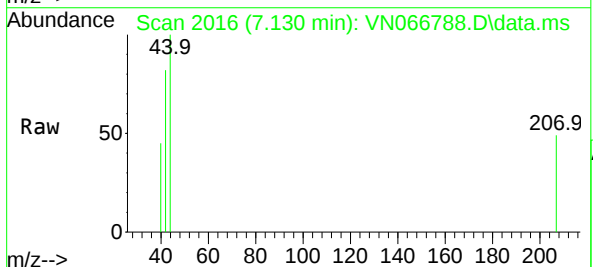
Instrument :
MSVOA_N
ClientSampled :

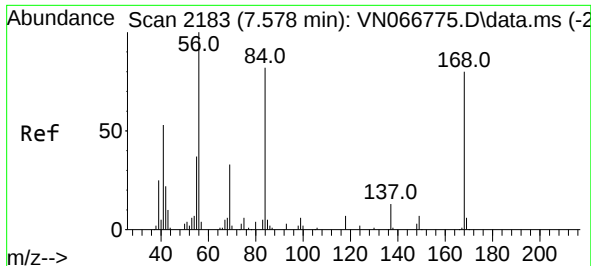
Tgt Ion: 43 Resp: 5604
Ion Ratio Lower Upper
43 100
72 22.6 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.51 ug/l
RT: 7.130 min Scan# 2016
Delta R.T. 0.003 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

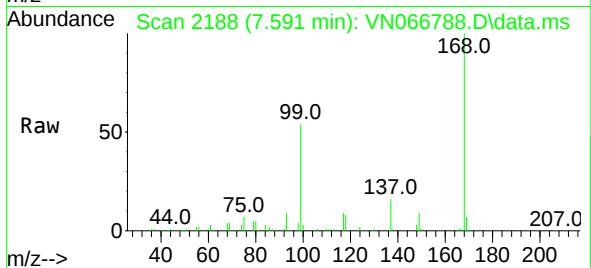
Tgt Ion: 42 Resp: 846
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



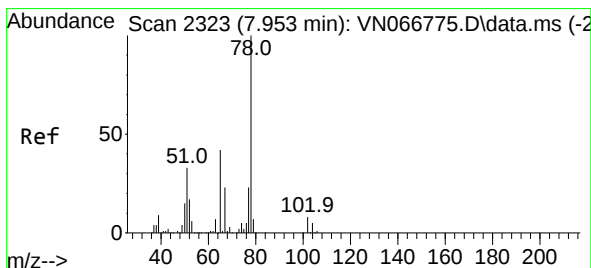
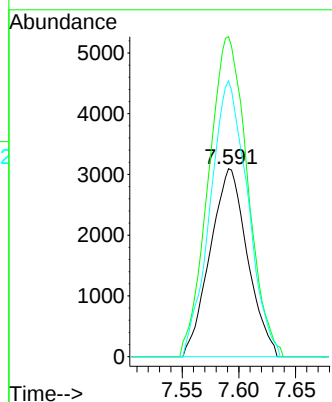
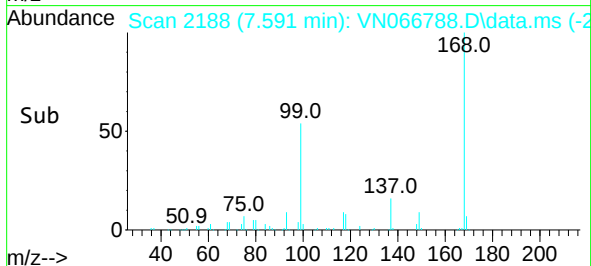


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

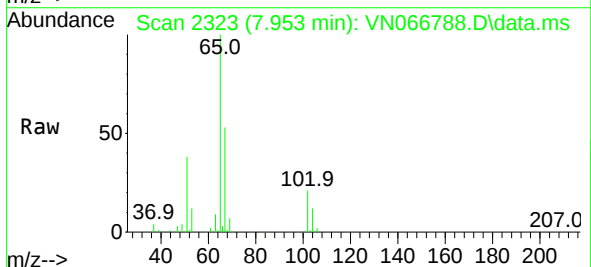
Instrument :
MSVOA_N
ClientSampled :



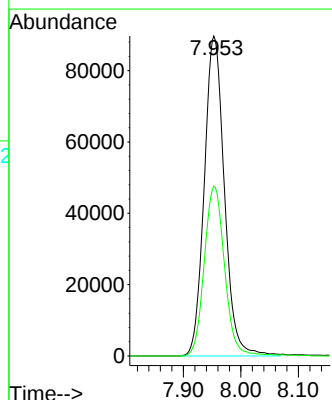
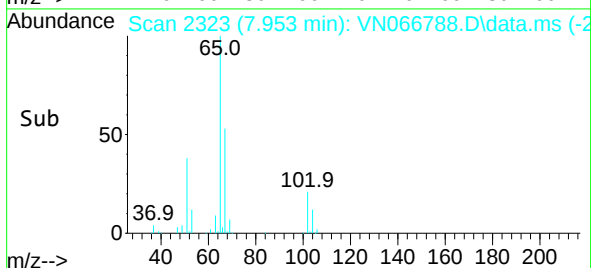
Tgt Ion: 56 Resp: 7088
Ion Ratio Lower Upper
56 100
69 170.2 26.6 39.8#
84 146.7 70.4 105.6#

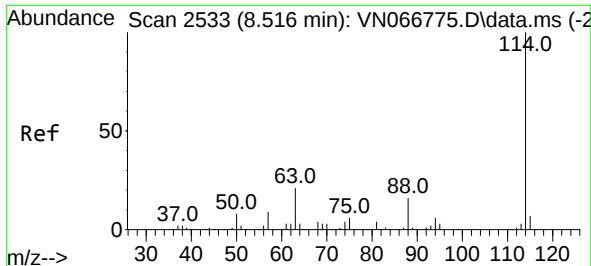


#33
1,2-Dichloroethane-d4
Concen: 47.70 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02



Tgt Ion: 65 Resp: 218382
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.2

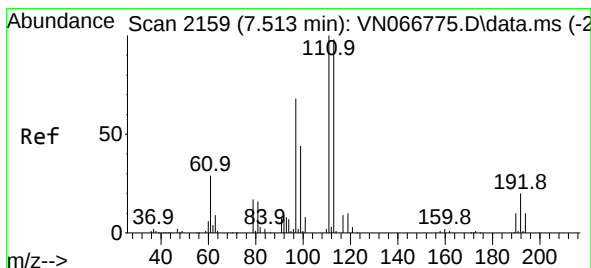
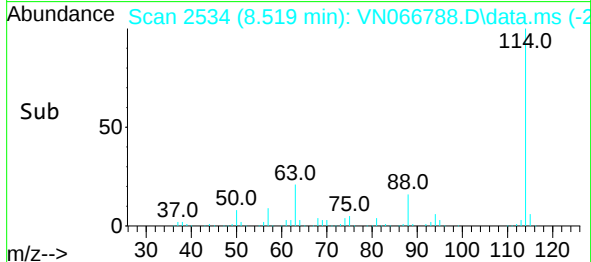
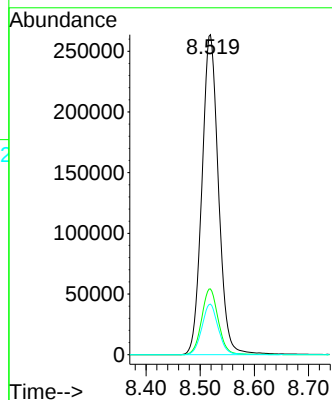
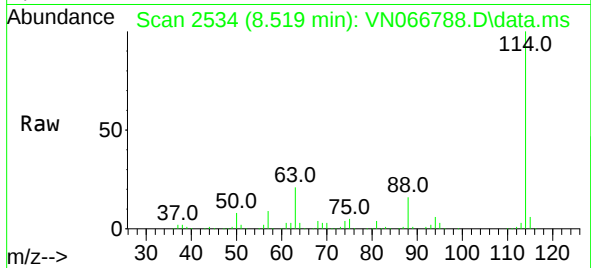




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

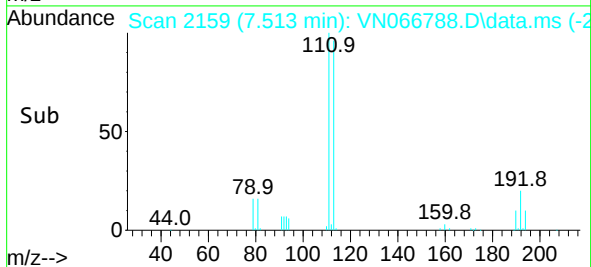
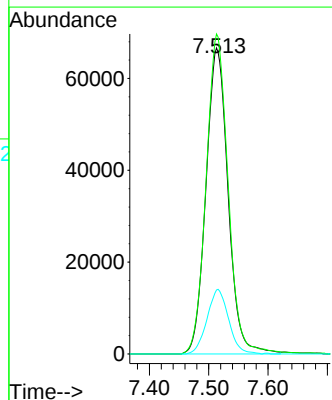
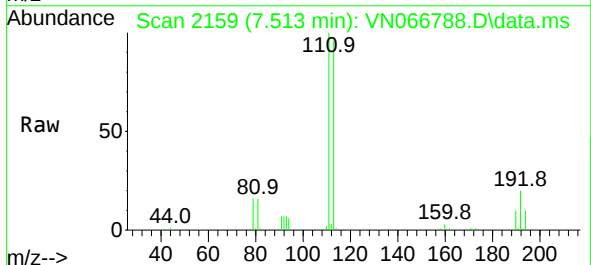
Instrument :
MSVOA_N
ClientSampleId :

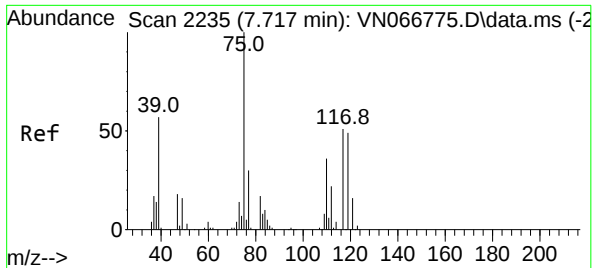
Tgt Ion:114 Resp: 558796
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.07 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

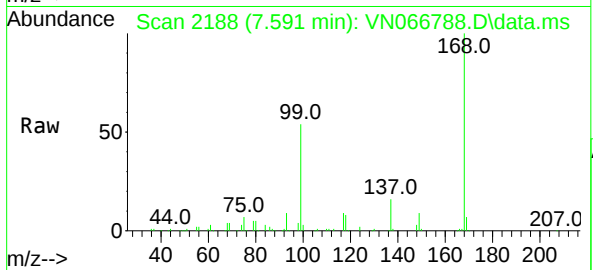
Tgt Ion:113 Resp: 172719
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 20.6 15.4 23.0



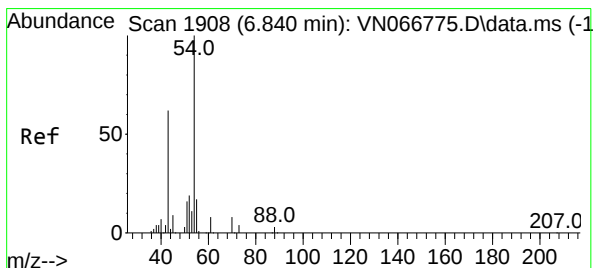
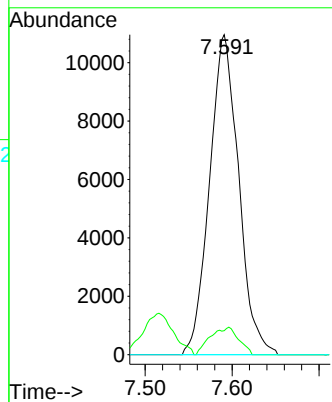
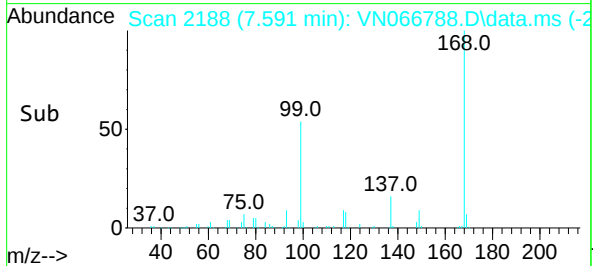


#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

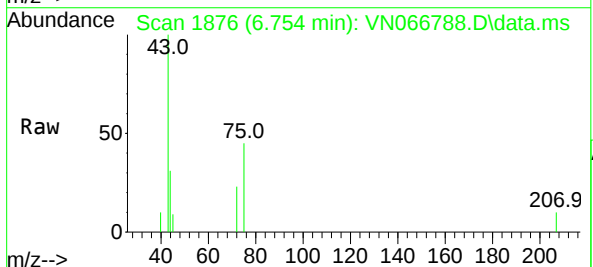
Instrument :
MSVOA_N
ClientSampled :



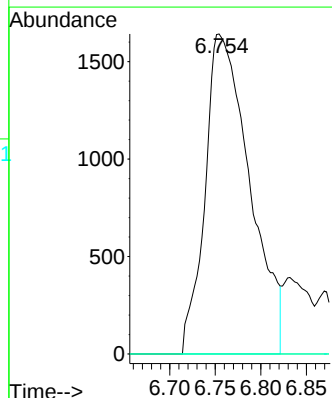
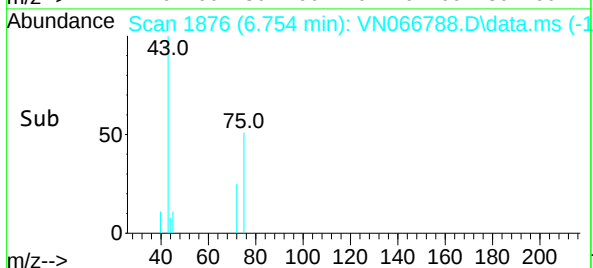
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Ion Ratio Lower Upper
75 100
110 8.4 18.2 54.6#
77 0.0 24.9 37.3#

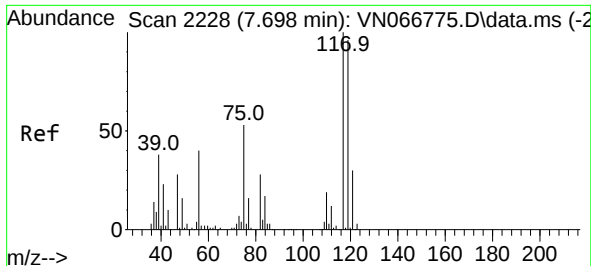


#37
Ethyl Acetate
Concen: 1.02 ug/l
RT: 6.754 min Scan# 1876
Delta R.T. -0.086 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02



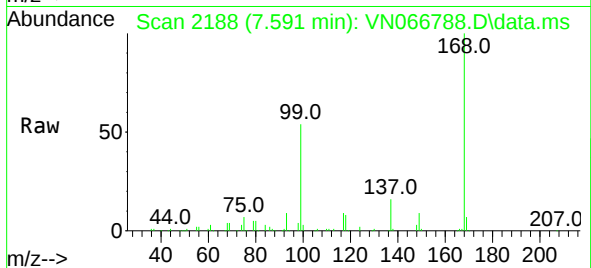
Tgt Ion: 43 Resp: 5604
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



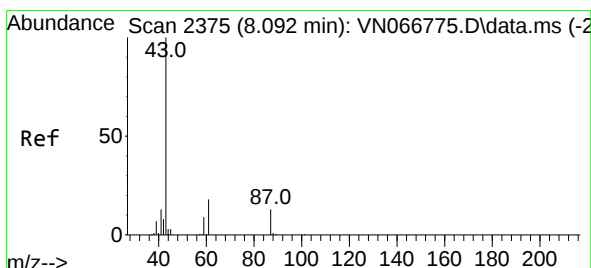
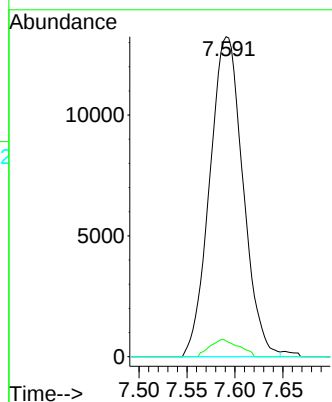
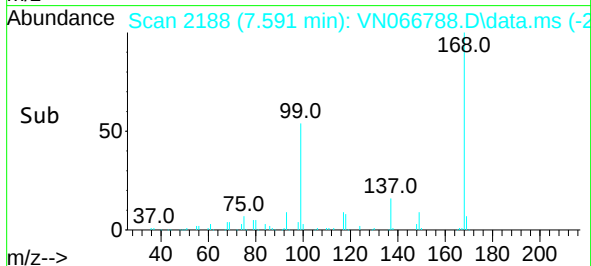


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

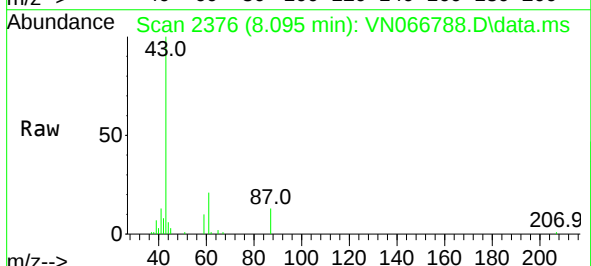
Instrument :
MSVOA_N
ClientSampled :



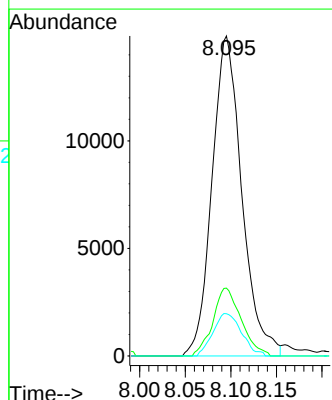
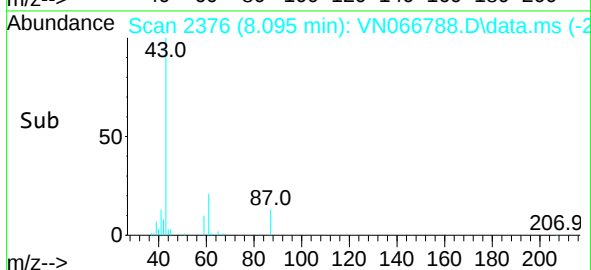
Tgt Ion:117 Resp: 31939
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

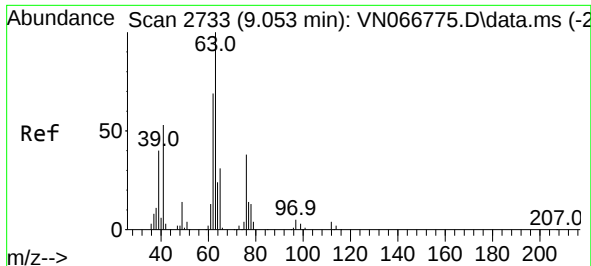


#43
Isopropyl Acetate
Concen: 3.86 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.003 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02



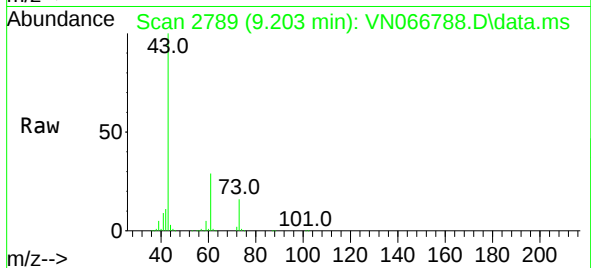
Tgt Ion: 43 Resp: 33799
Ion Ratio Lower Upper
43 100
61 20.1 22.5 33.7#
87 12.7 11.1 16.7



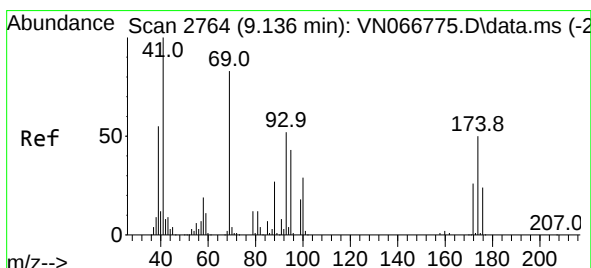
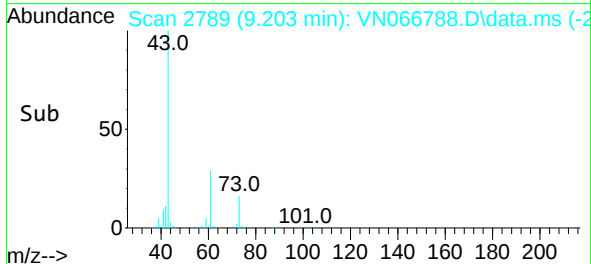
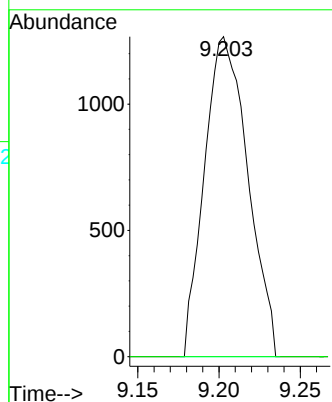


#45
1,2-Dichloropropane
Concen: 0.55 ug/l
RT: 9.203 min Scan# 2789
Delta R.T. 0.150 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

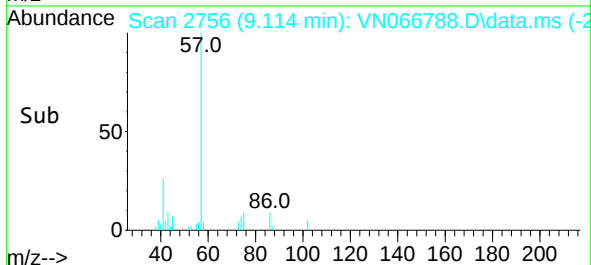
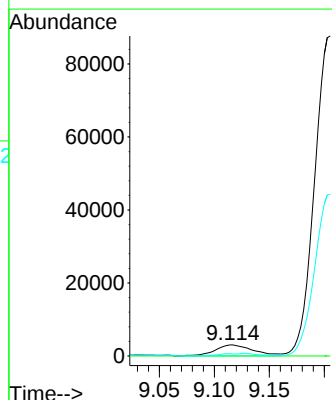
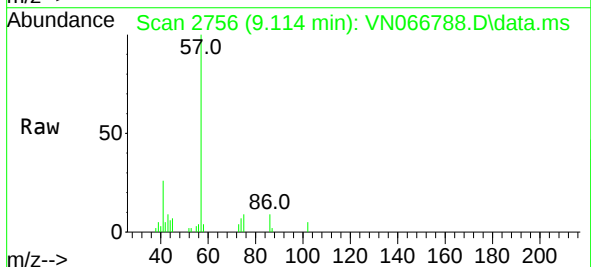


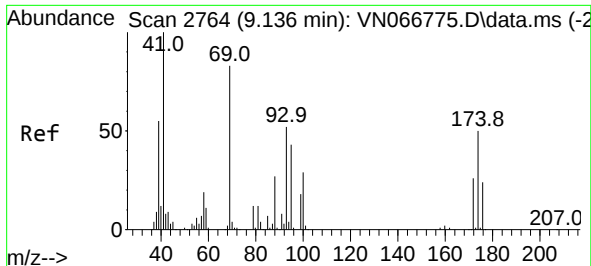
Tgt Ion: 63 Resp: 2360
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.91 ug/l
RT: 9.114 min Scan# 2756
Delta R.T. -0.022 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

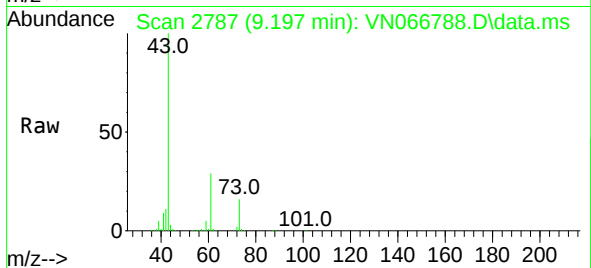
Tgt Ion: 41 Resp: 7306
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



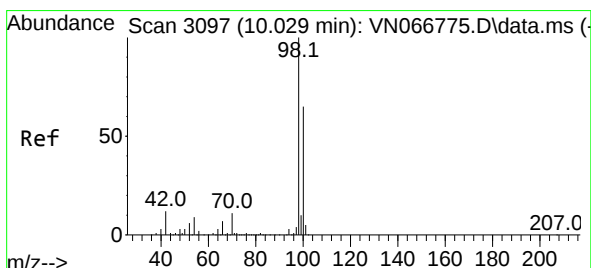
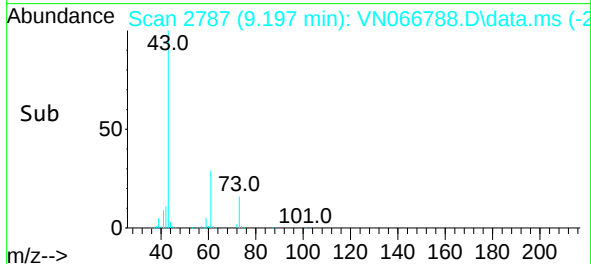
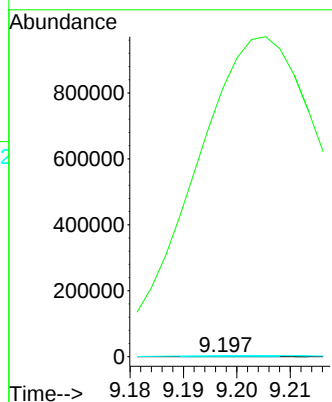


#49
1,4-Dioxane
Concen: 2.13 ug/l
RT: 9.197 min Scan# 2787
Delta R.T. 0.061 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

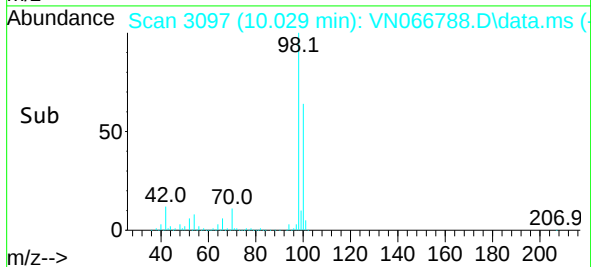
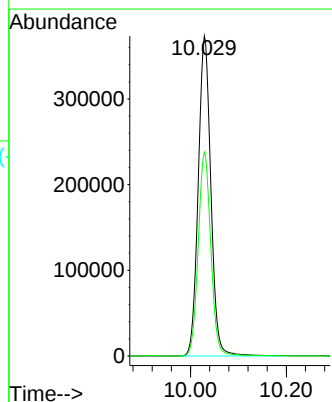
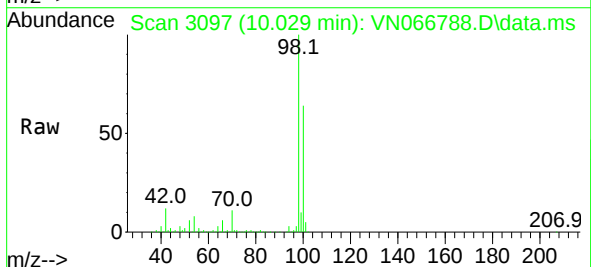


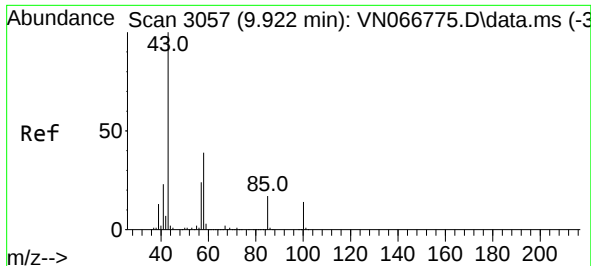
Tgt Ion: 88 Resp: 122
Ion Ratio Lower Upper
88 100
43 1522924.6 24.7 37.1#
58 5967.2 52.6 78.8#



#50
Toluene-d8
Concen: 50.59 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Tgt Ion: 98 Resp: 684949
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

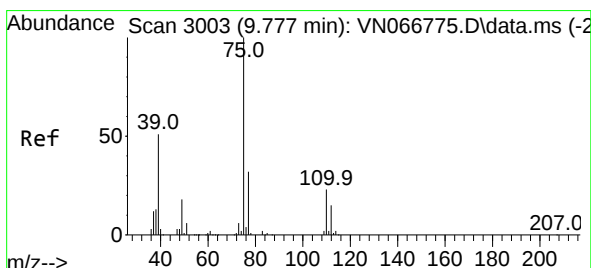
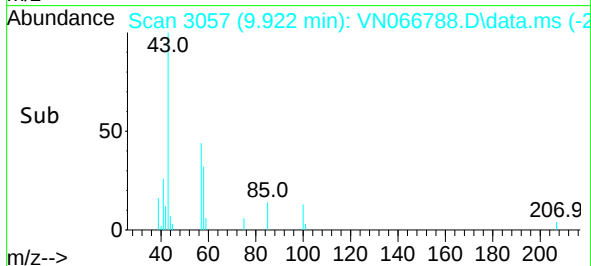
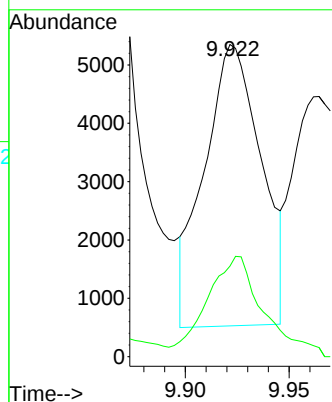
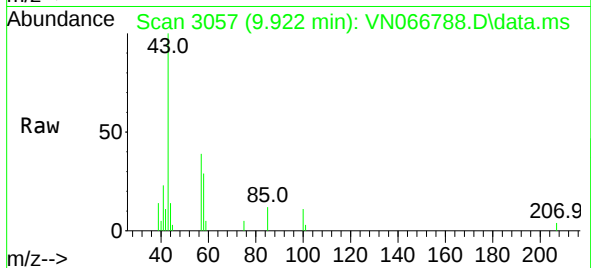




#51
4-Methyl-2-Pentanone
Concen: 1.93 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.001 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

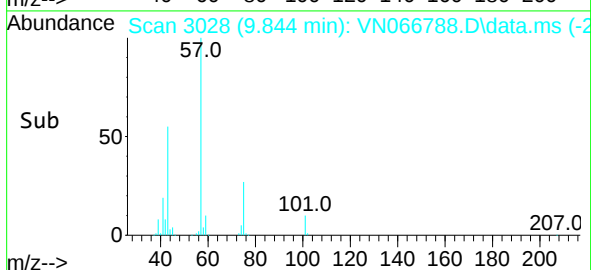
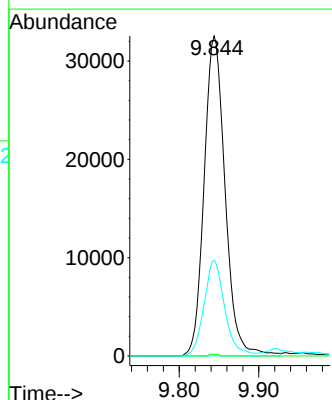
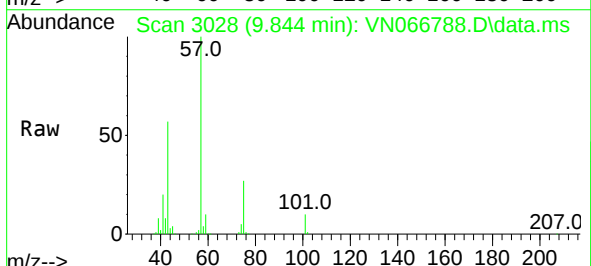
Instrument :
MSVOA_N
ClientSampled :

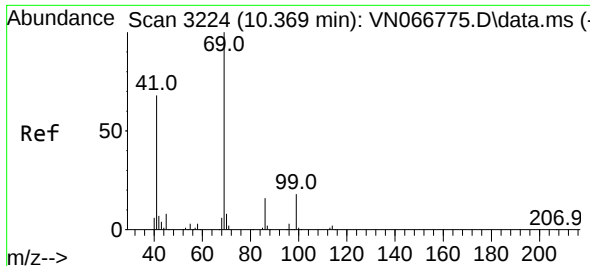
Tgt Ion: 43 Resp: 9176
Ion Ratio Lower Upper
43 100
58 35.6 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 9.04 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

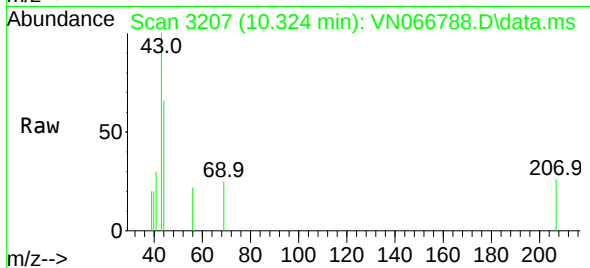
Tgt Ion: 75 Resp: 59667
Ion Ratio Lower Upper
75 100
77 0.5 24.9 37.3#
39 29.9 36.2 54.4#



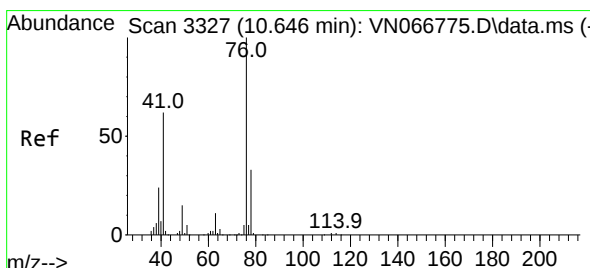
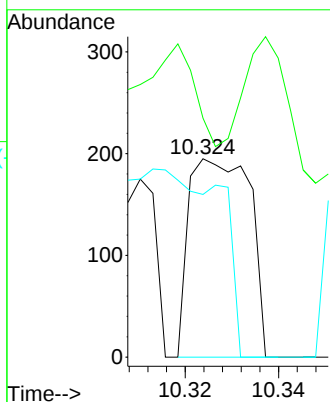
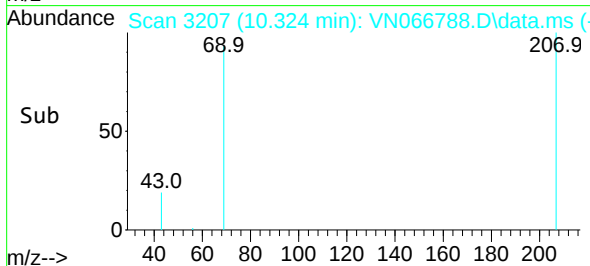


#56
Ethyl methacrylate
Concen: 3.20 ug/l
RT: 10.324 min Scan# 3207
Delta R.T. -0.045 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

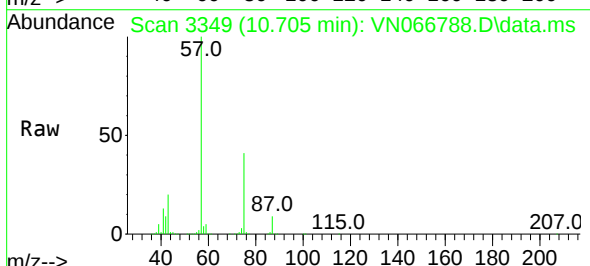
Instrument :
MSVOA_N
ClientSampled :



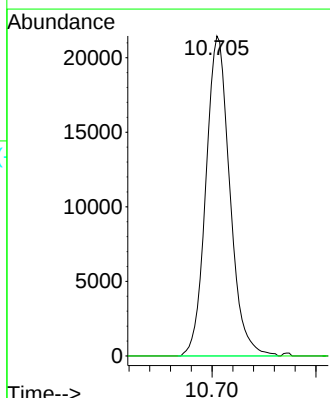
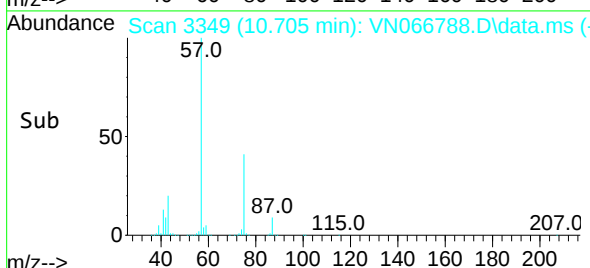
Tgt Ion: 69 Resp: 177
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

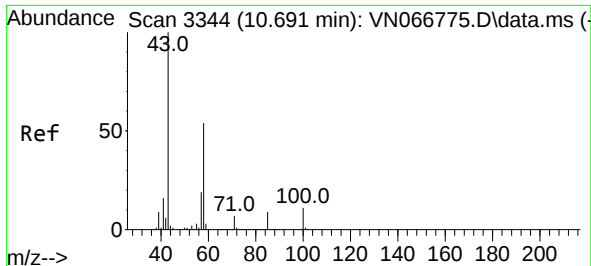


#57
1,3-Dichloropropane
Concen: 5.38 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02



Tgt Ion: 76 Resp: 34267
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

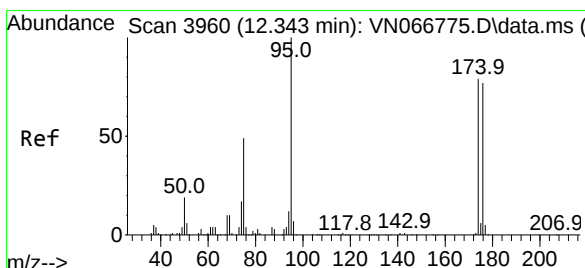
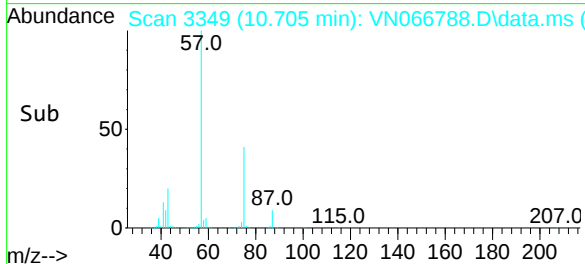
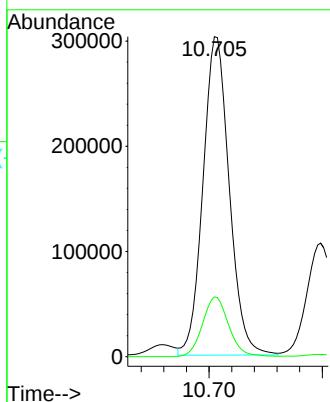
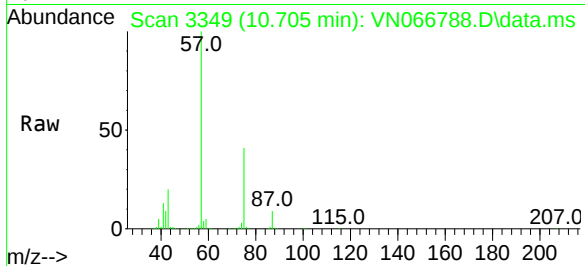




#59
2-Hexanone
Concen: 139.45 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.014 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

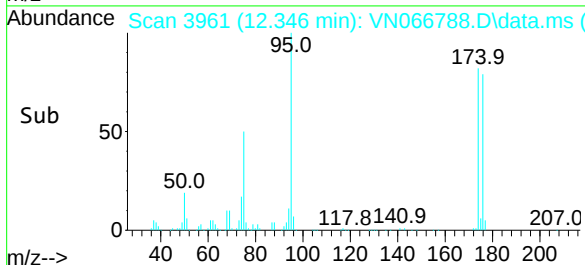
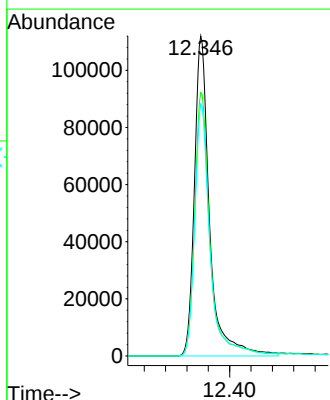
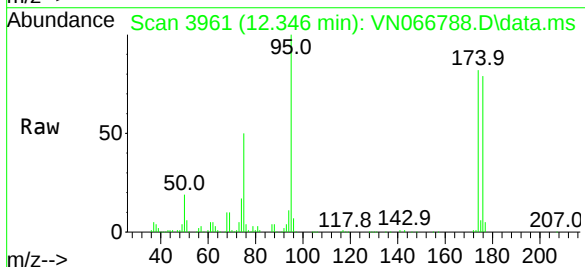
Instrument :
MSVOA_N
ClientSampled :

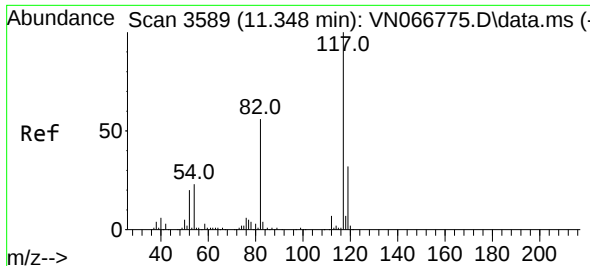
Tgt Ion: 43 Resp: 487488
Ion Ratio Lower Upper
43 100
58 18.8 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.34 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Tgt Ion: 95 Resp: 221463
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.0
176 79.2 0.0 162.4

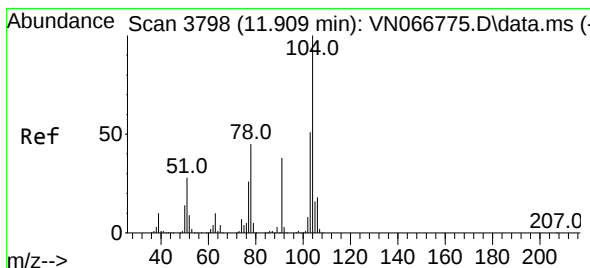
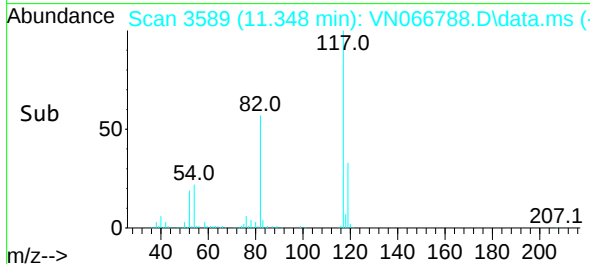
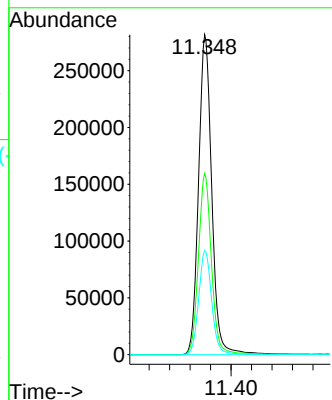
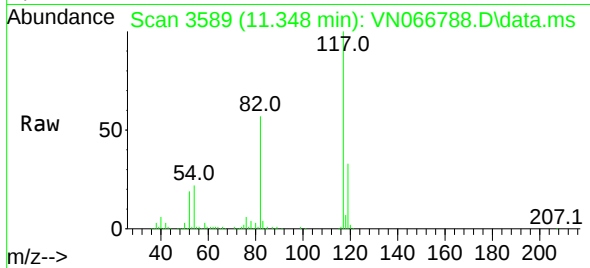




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

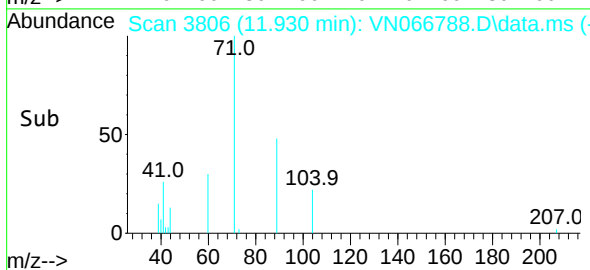
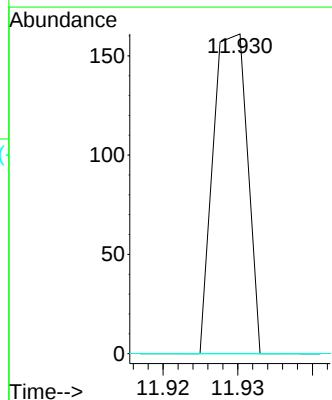
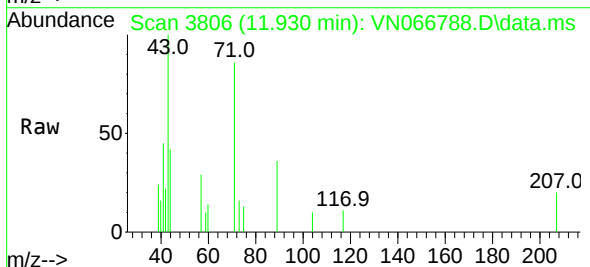
Instrument :
MSVOA_N
ClientSampled :

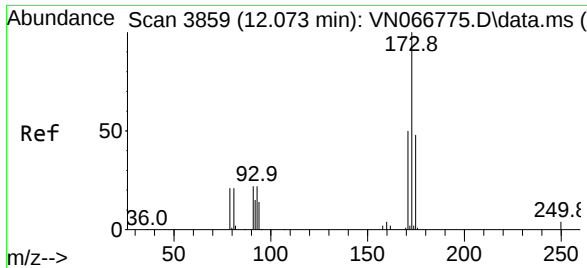
Tgt Ion:117 Resp: 503946
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 32.5 26.1 39.1



#70
Styrene
Concen: 3.05 ug/l
RT: 11.930 min Scan# 3806
Delta R.T. 0.021 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Tgt Ion:104 Resp: 51
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 0.0 44.5 66.7#

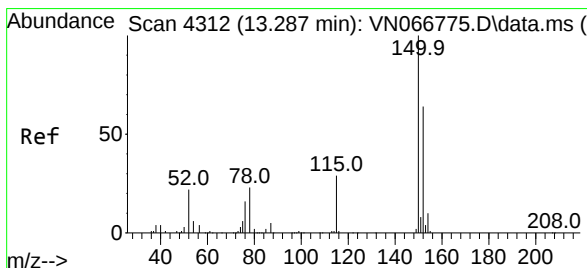
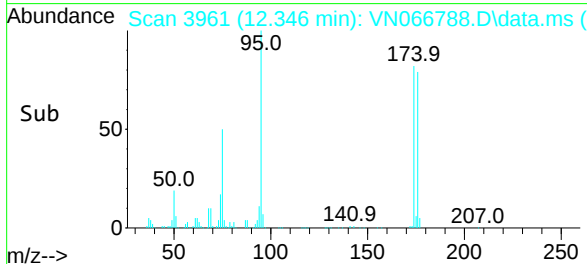
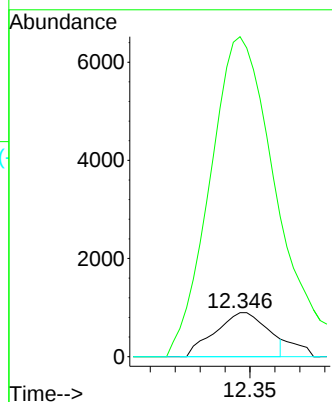
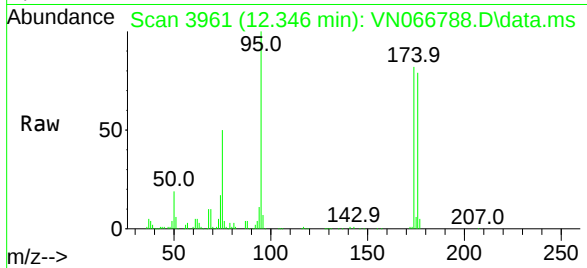




#71
Bromoform
Concen: 0.48 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

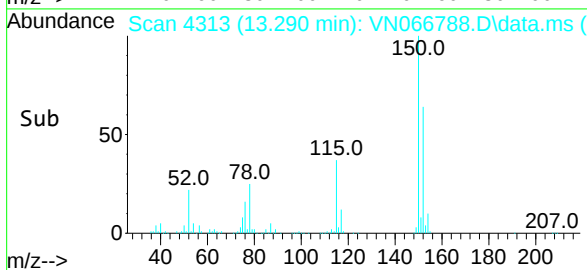
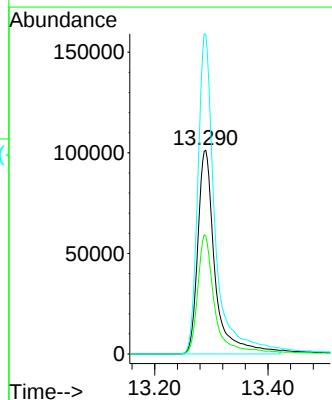
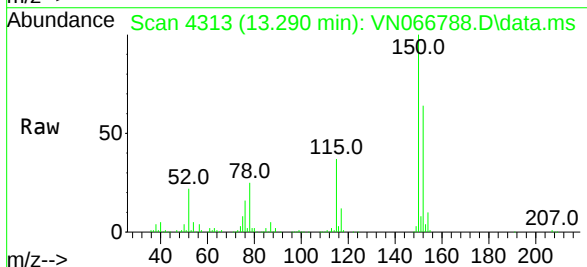
Instrument :
MSVOA_N
ClientSampled :

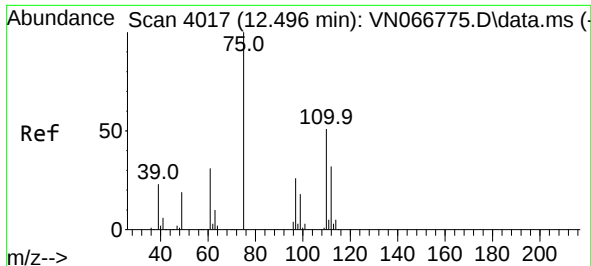
Tgt Ion:173 Resp: 1314
Ion Ratio Lower Upper
173 100
175 799.3 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Tgt Ion:152 Resp: 215023
Ion Ratio Lower Upper
152 100
115 55.3 28.5 85.6
150 158.8 0.0 347.6

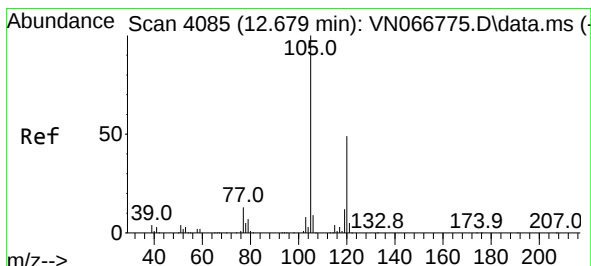
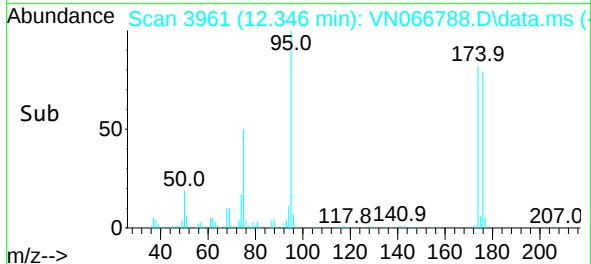
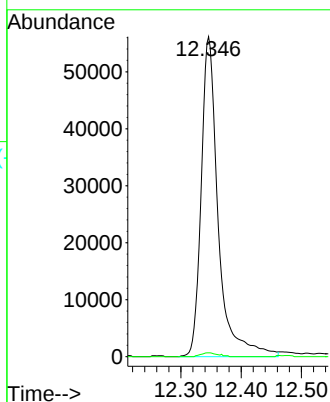
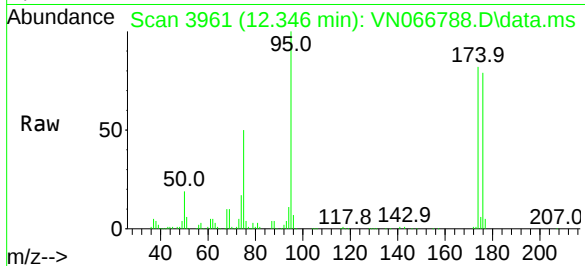




#76
1,2,3-Trichloropropane
Concen: 24.31 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

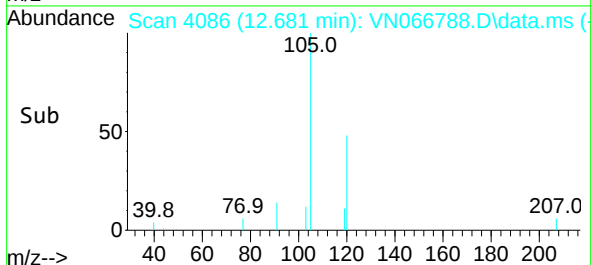
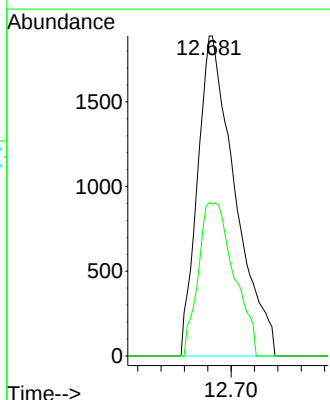
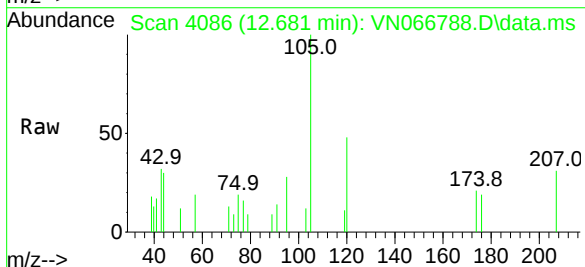
Instrument :
MSVOA_N
ClientSampled :

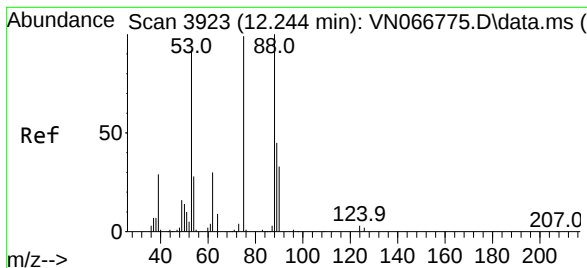
Tgt Ion: 75 Resp: 110160
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.32 ug/l
RT: 12.681 min Scan# 4086
Delta R.T. 0.002 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

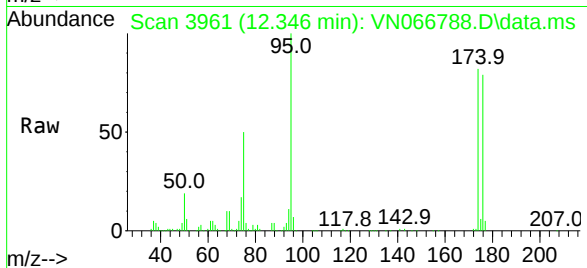
Tgt Ion: 105 Resp: 4202
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.8



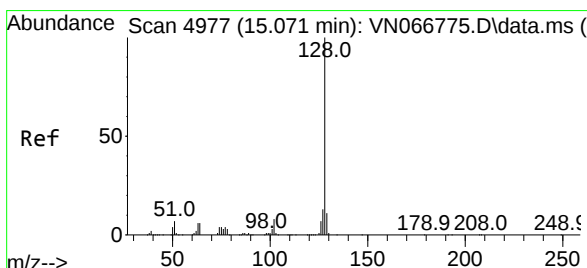
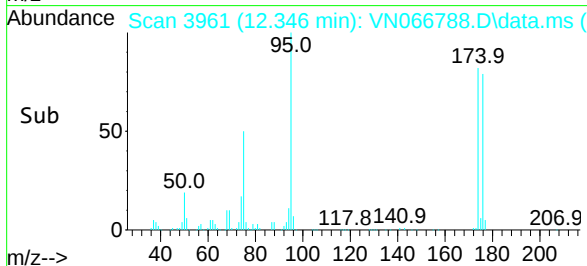
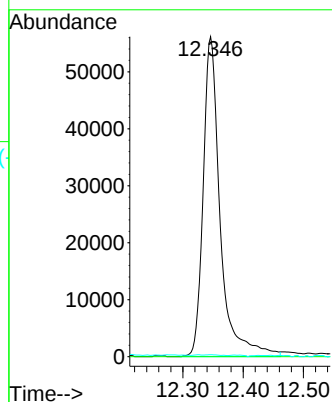


#81
trans-1,4-Dichloro-2-butene
Concen: 65.36 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 110160
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 0.35 ug/l
RT: 15.095 min Scan# 4986
Delta R.T. 0.024 min
Lab File: VN066788.D
Acq: 27 Apr 2021 18:02

Tgt Ion: 128 Resp: 3364
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

