

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066990.D
 Acq On : 5 May 2021 15:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 04:50:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

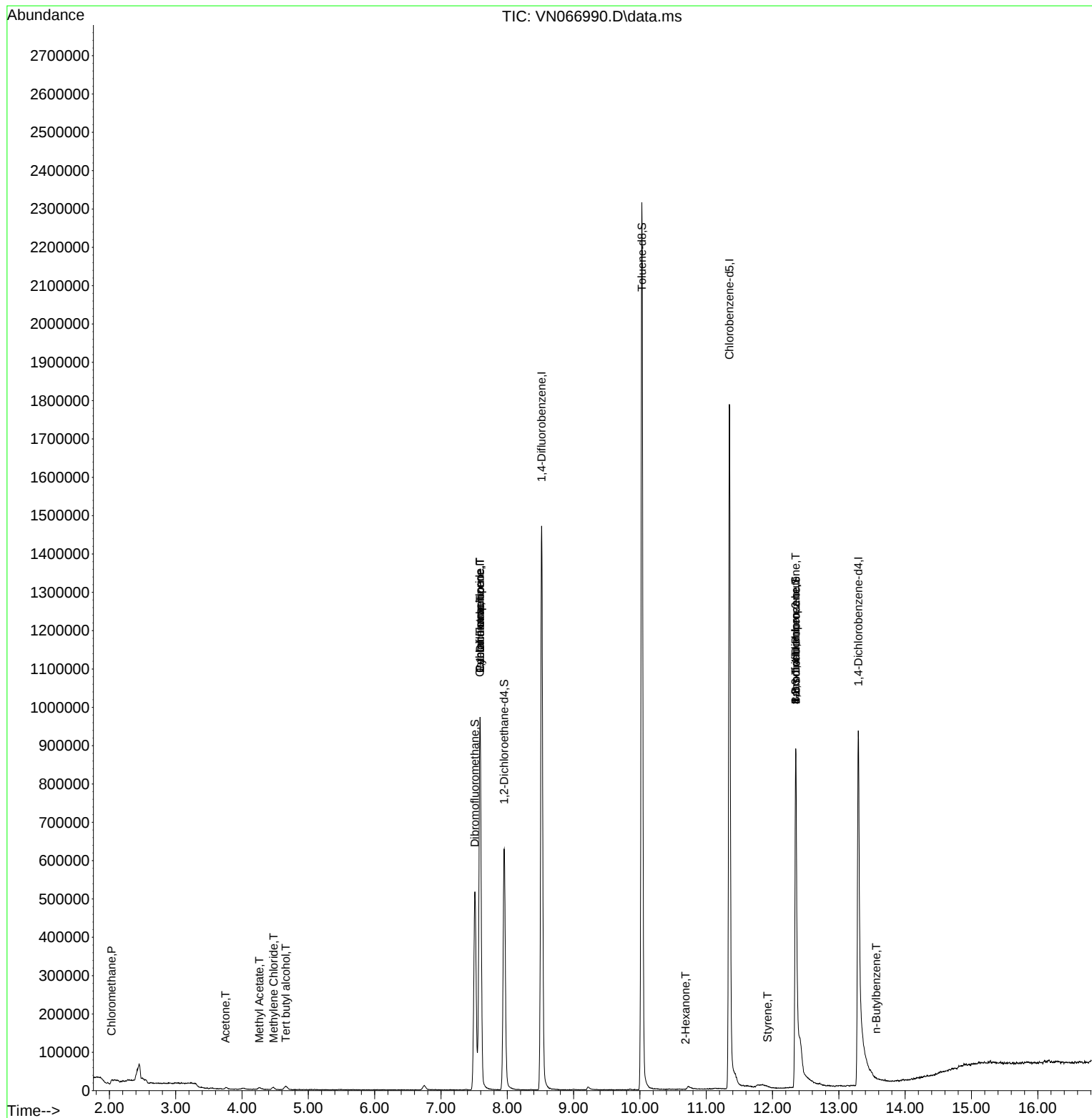
Internal Standards						
1) Pentafluorobenzene	7.589	168	759985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.517	114	1296015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	1085507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	420582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	549131	45.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.80%
35) Dibromofluoromethane	7.511	113	412825	46.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.82%
50) Toluene-d8	10.030	98	1635396	48.80	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.60%
62) 4-Bromofluorobenzene	12.350	95	429652	37.86	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	75.72%
Target Compounds						
					Qvalue	
3) Chloromethane	2.032	50	3498	0.24	ug/l	92
11) Tert butyl alcohol	4.661	59	8598	5.09	ug/l #	73
16) Acetone	3.749	43	2652	0.63	ug/l	91
18) Methyl Acetate	4.261	43	9923	0.82	ug/l #	71
20) Methylene Chloride	4.475	84	4318	0.40	ug/l #	77
31) Cyclohexane	7.589	56	17256	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.589	75	68072	5.04	ug/l #	48
38) Carbon Tetrachloride	7.587	117	79249	5.63	ug/l #	16
59) 2-Hexanone	10.690	43	73	28.37	ug/l #	23
70) Styrene	11.926	104	26	4.71	ug/l #	1
71) Bromoform	12.350	173	2490	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	251980	25.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	251980	75.65	ug/l #	12
89) n-Butylbenzene	13.565	91	89	5.24	ug/l #	1

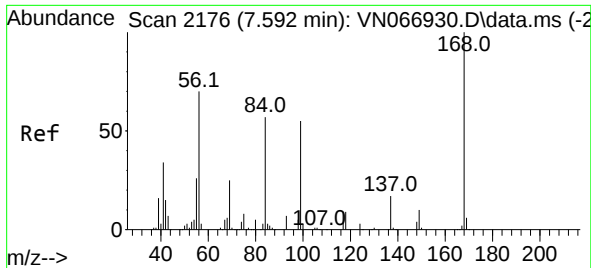
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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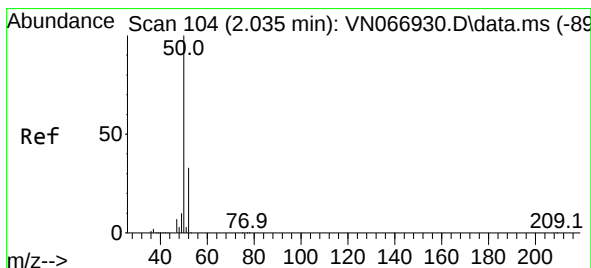
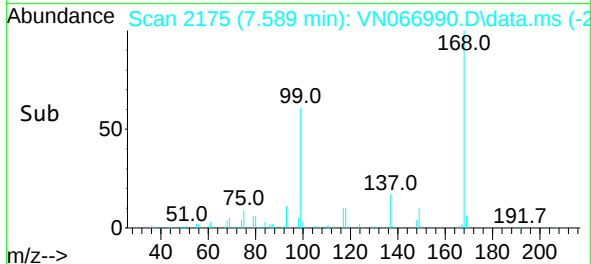
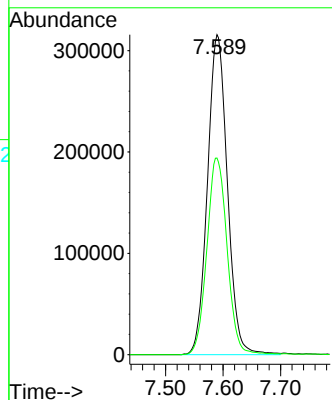
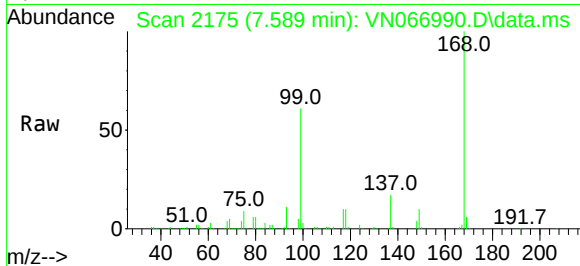




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

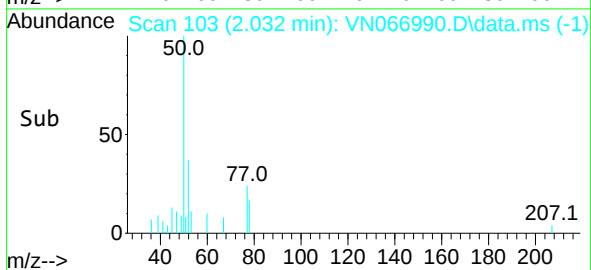
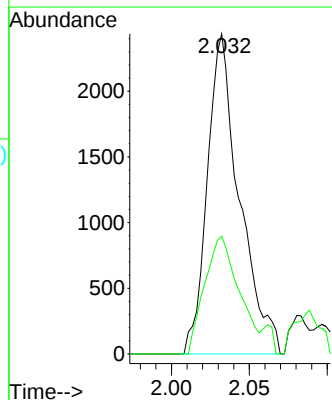
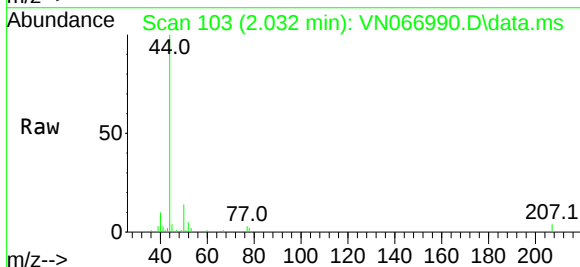
Instrument :
MSVOA_N
ClientSampled :

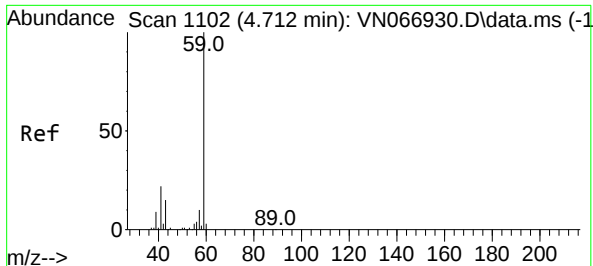
Tgt Ion:168 Resp: 759985
Ion Ratio Lower Upper
168 100
99 61.5 42.6 63.8



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.032 min Scan# 103
Delta R.T. -0.003 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

Tgt Ion: 50 Resp: 3498
Ion Ratio Lower Upper
50 100
52 36.8 25.8 38.8

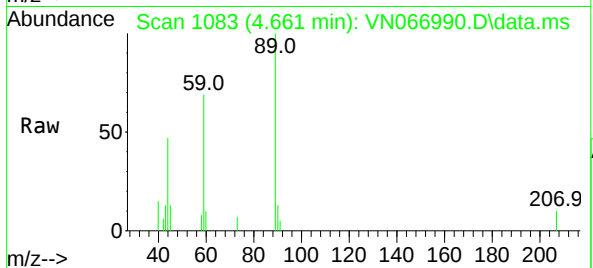




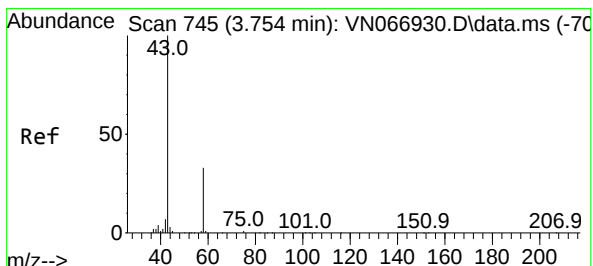
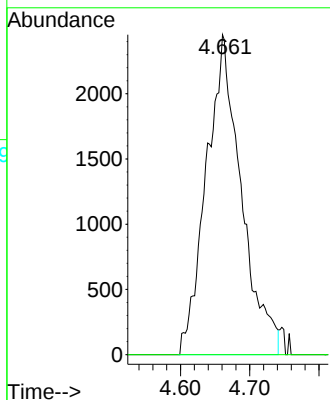
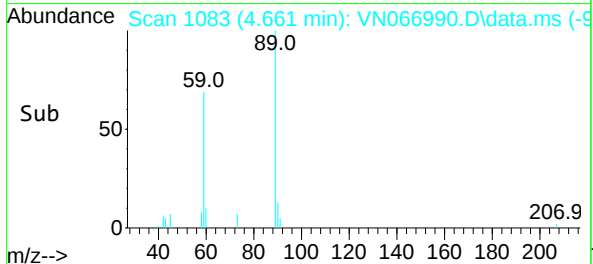
#11

Tert butyl alcohol
Concen: 5.09 ug/l
RT: 4.661 min Scan# 1083
Delta R.T. -0.051 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

Instrument :
MSVOA_N
ClientSampled :

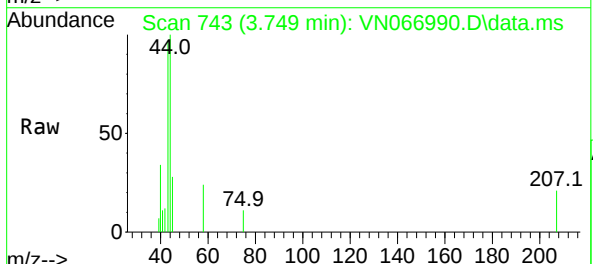


Tgt Ion: 59 Resp: 8598
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

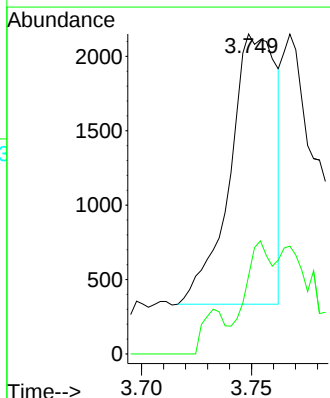
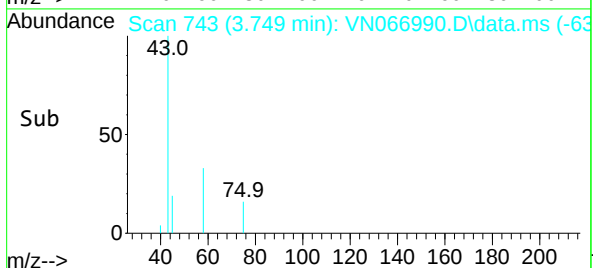


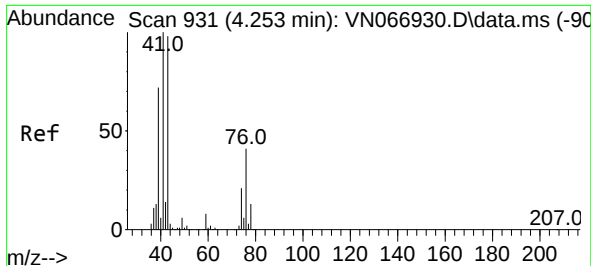
#16

Acetone
Concen: 0.63 ug/l
RT: 3.749 min Scan# 743
Delta R.T. -0.005 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46



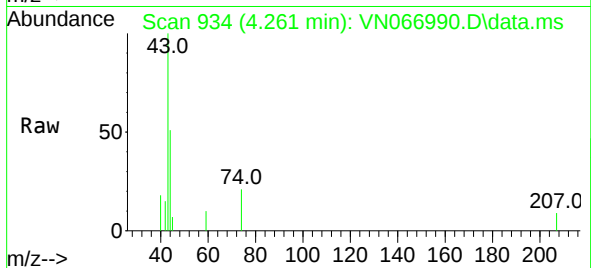
Tgt Ion: 43 Resp: 2652
Ion Ratio Lower Upper
43 100
58 28.8 27.0 40.6



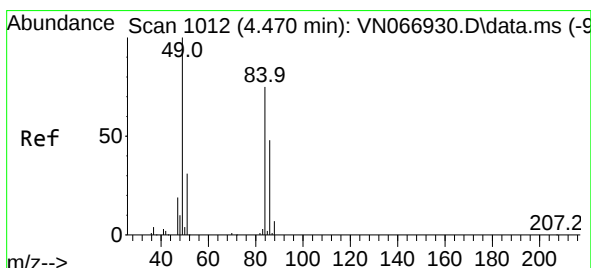
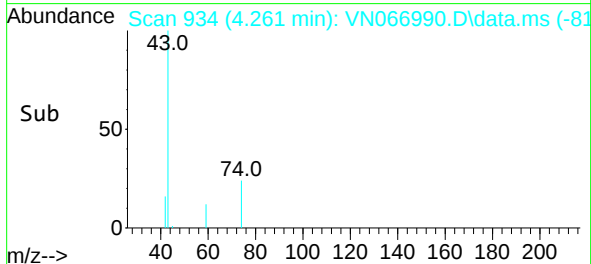
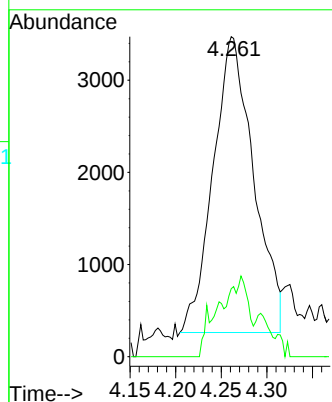


#18
Methyl Acetate
Concen: 0.82 ug/l
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

Instrument :
MSVOA_N
ClientSampled :

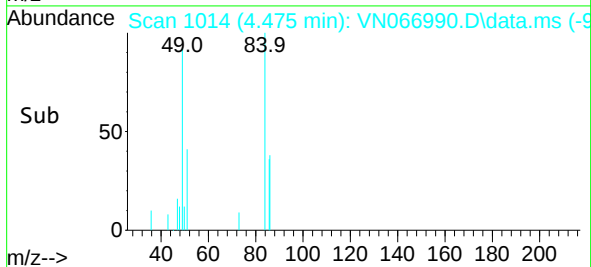
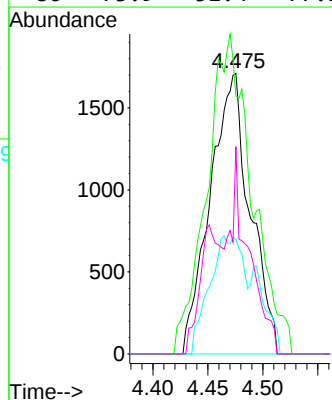
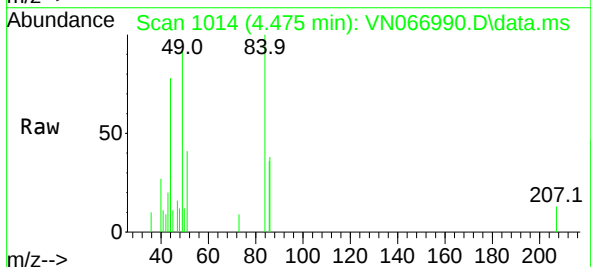


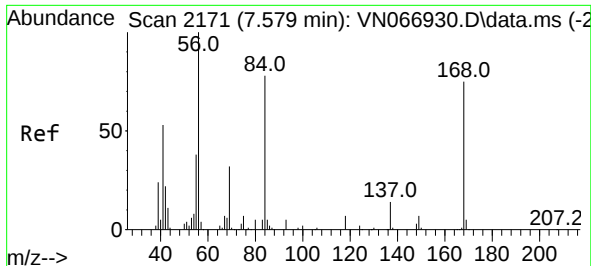
Tgt Ion: 43 Resp: 9923
Ion Ratio Lower Upper
43 100
74 9.9 19.5 29.3#



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 4.475 min Scan# 1014
Delta R.T. 0.005 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

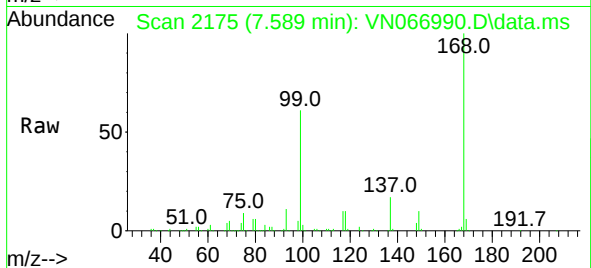
Tgt Ion: 84 Resp: 4318
Ion Ratio Lower Upper
84 100
49 80.8 94.6 141.8#
51 40.8 29.9 44.9
86 73.9 51.4 77.2



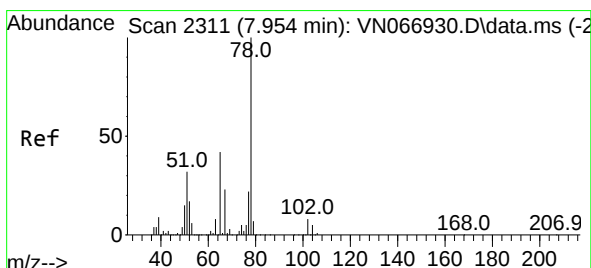
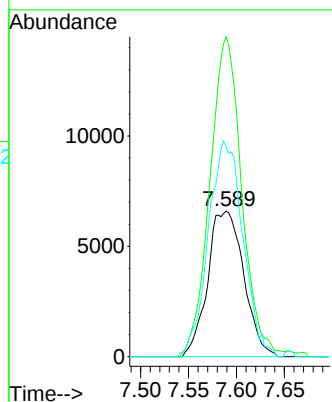
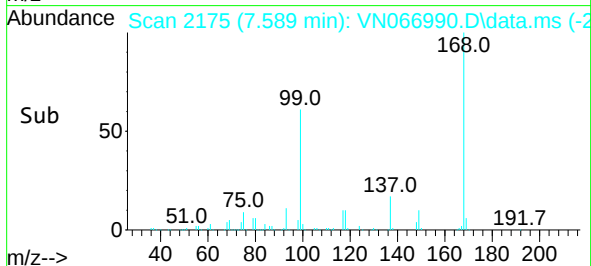


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

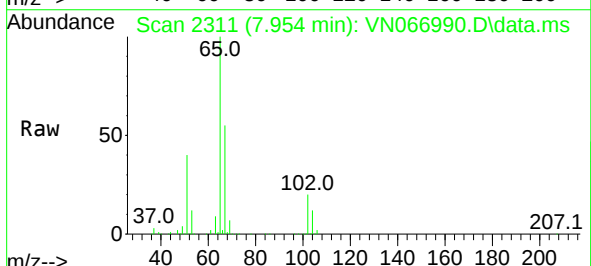
Instrument :
MSVOA_N
ClientSampled :



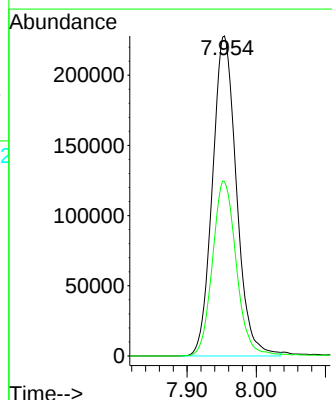
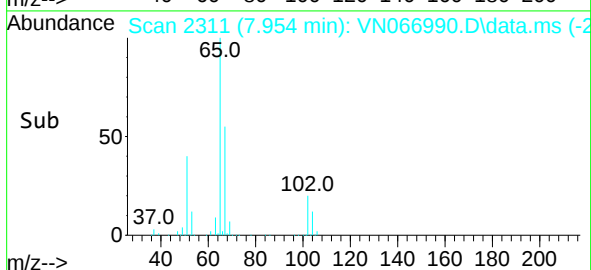
Tgt Ion: 56 Resp: 17256
Ion Ratio Lower Upper
56 100
69 219.7 26.6 39.8#
84 144.3 70.4 105.6#

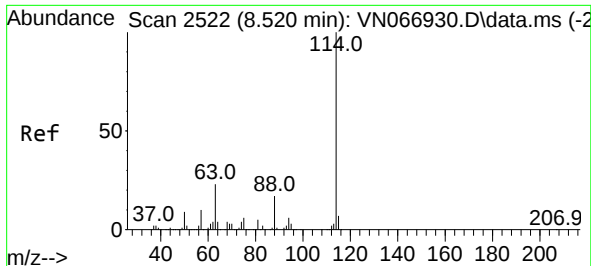


#33
1,2-Dichloroethane-d4
Concen: 45.90 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46



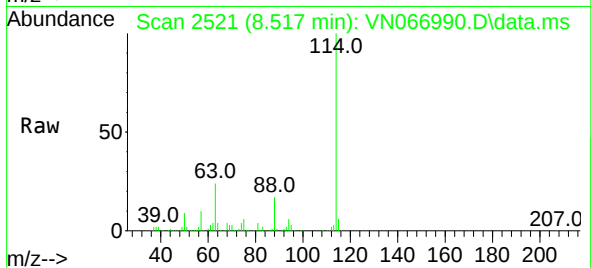
Tgt Ion: 65 Resp: 549131
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2



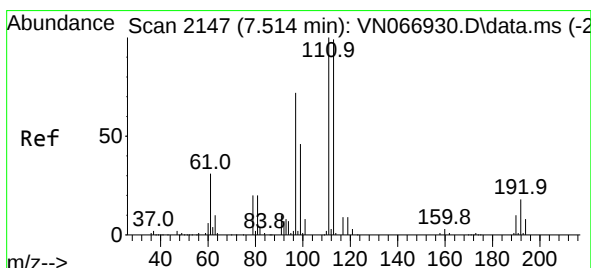
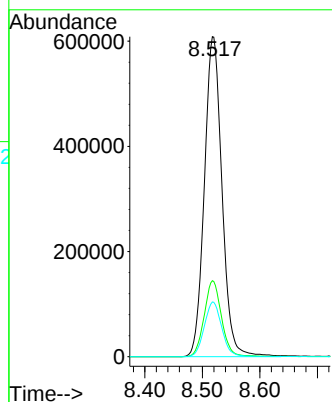
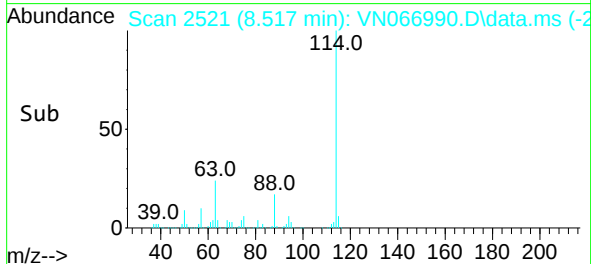


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.517 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

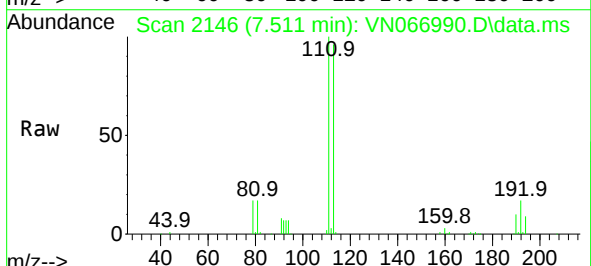
Instrument :
MSVOA_N
ClientSampled :



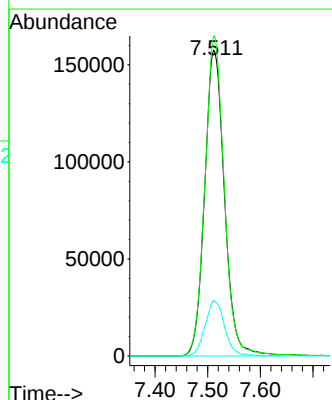
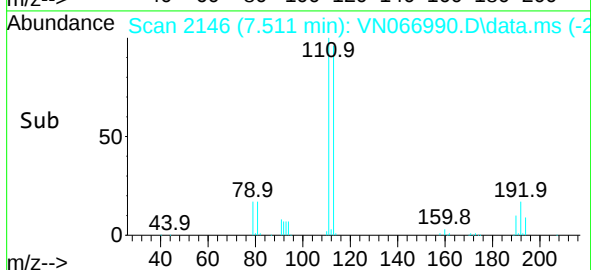
Tgt Ion:114 Resp: 1296015
Ion Ratio Lower Upper
114 100
63 23.7 0.0 38.6
88 17.1 0.0 30.6

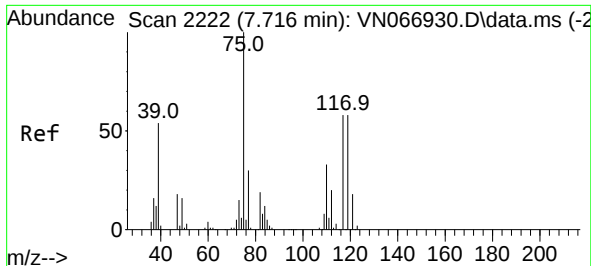


#35
Dibromofluoromethane
Concen: 46.91 ug/l
RT: 7.511 min Scan# 2146
Delta R.T. -0.003 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46



Tgt Ion:113 Resp: 412825
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 17.7 15.4 23.0

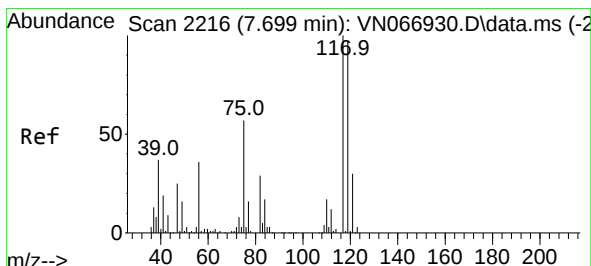
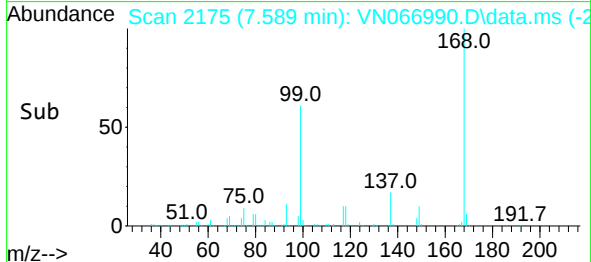
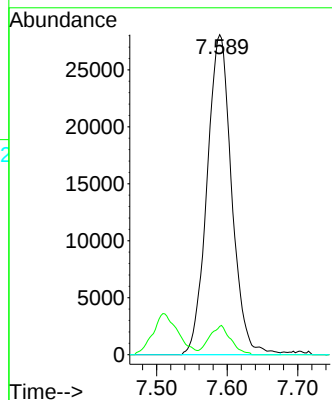
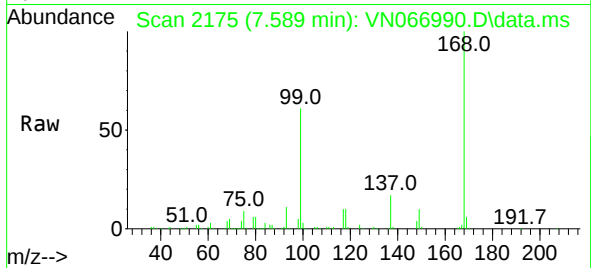




#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.127 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

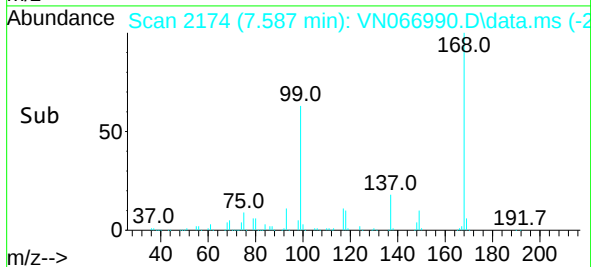
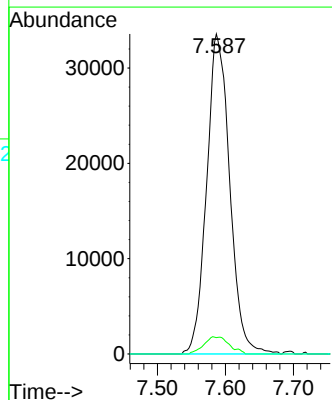
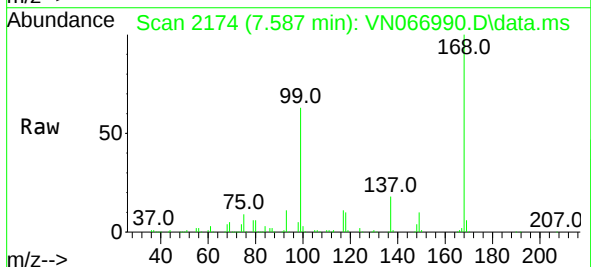
Instrument :
MSVOA_N
ClientSampled :

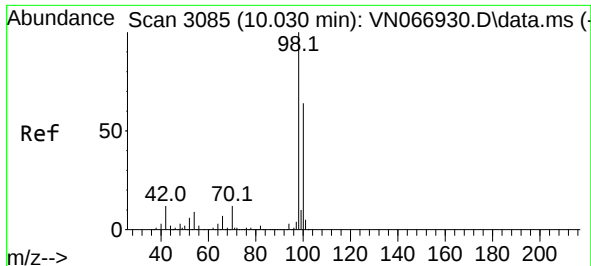
Tgt Ion: 75 Resp: 68072
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.112 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

Tgt Ion: 117 Resp: 79249
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#

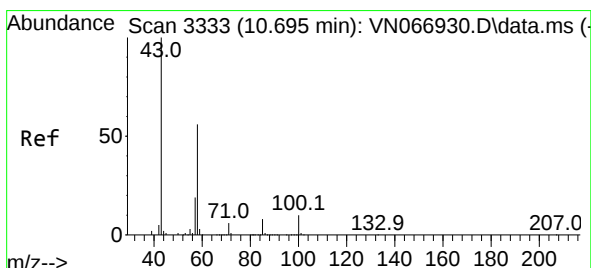
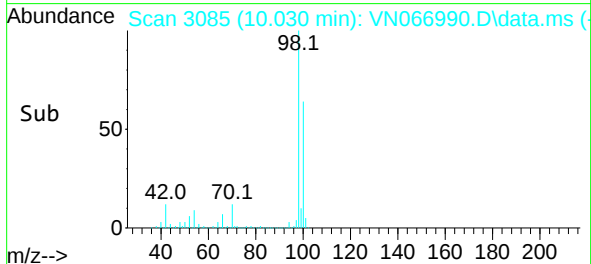
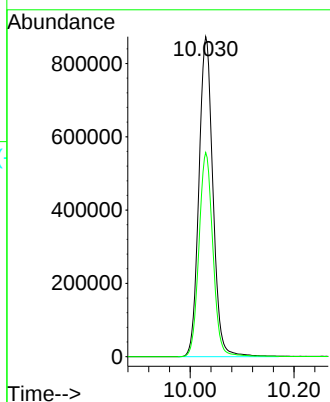
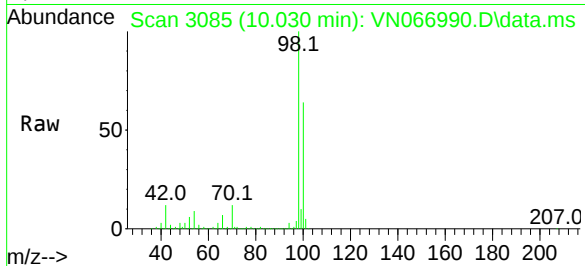




#50
Toluene-d8
Concen: 48.80 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

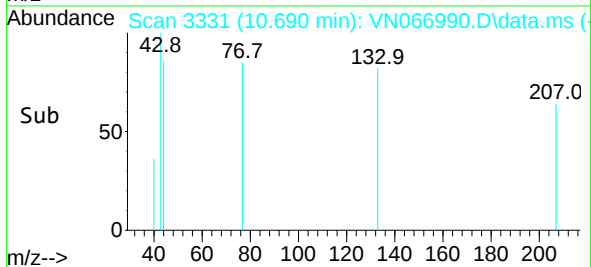
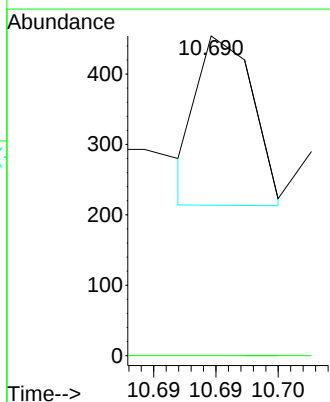
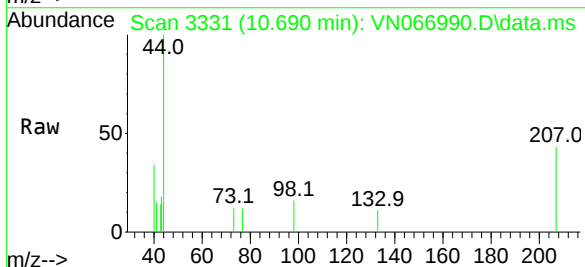
Instrument :
MSVOA_N
ClientSampled :

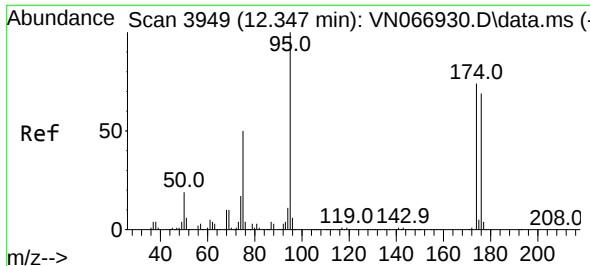
Tgt Ion: 98 Resp: 1635396
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.690 min Scan# 3331
Delta R.T. -0.005 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

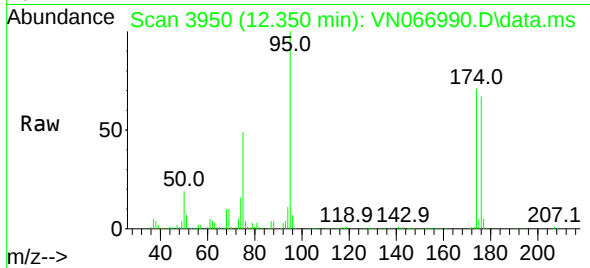
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



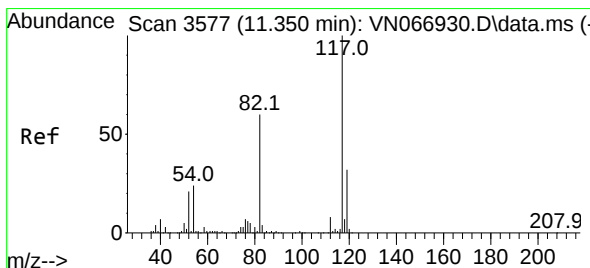
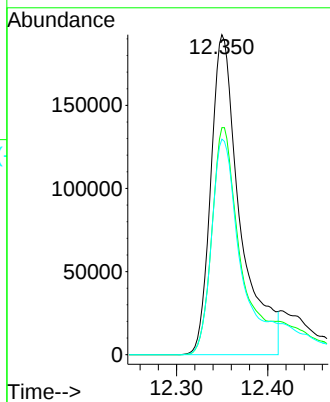
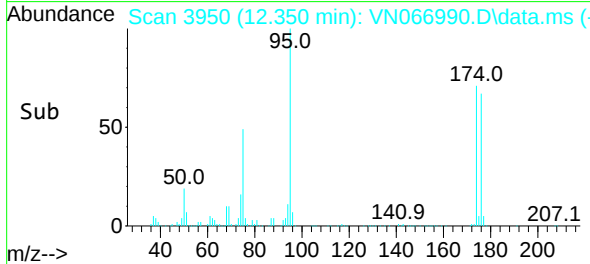


#62
4-Bromofluorobenzene
Concen: 37.86 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

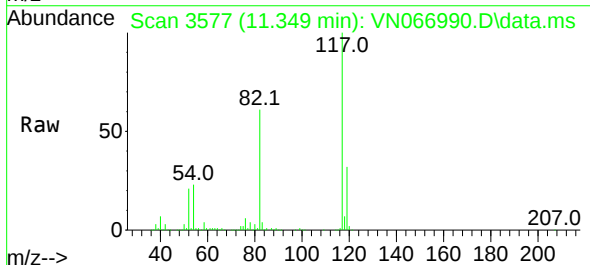
Instrument :
MSVOA_N
ClientSampled :



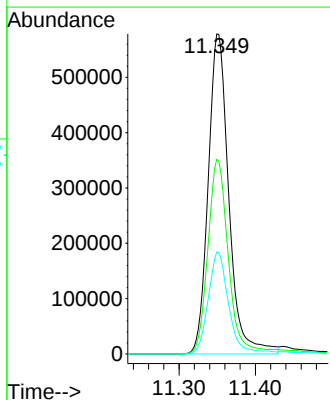
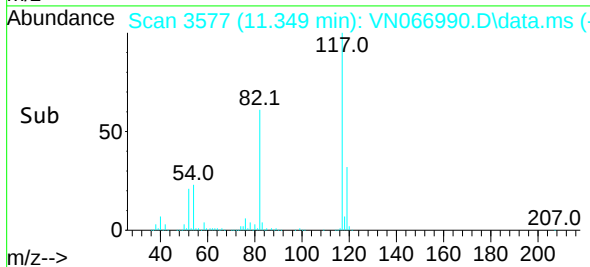
Tgt Ion: 95 Resp: 429652
Ion Ratio Lower Upper
95 100
174 82.1 0.0 169.0
176 79.2 0.0 162.4

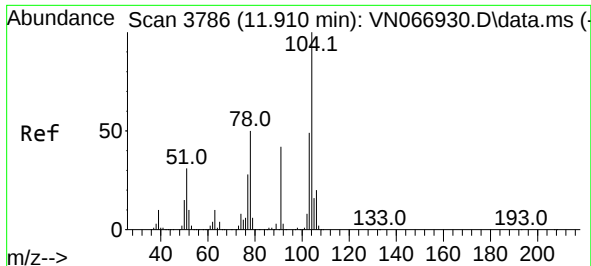


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3577
Delta R.T. -0.001 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46



Tgt Ion: 117 Resp: 1085507
Ion Ratio Lower Upper
117 100
82 60.8 43.7 65.5
119 31.8 26.1 39.1

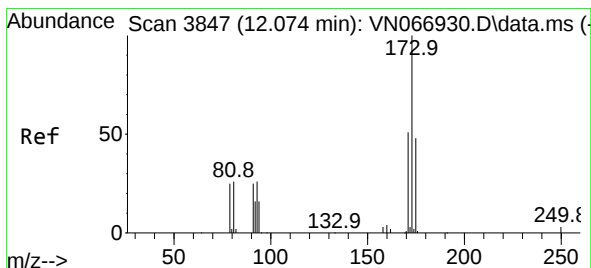
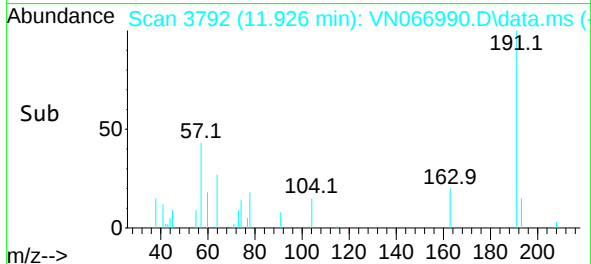
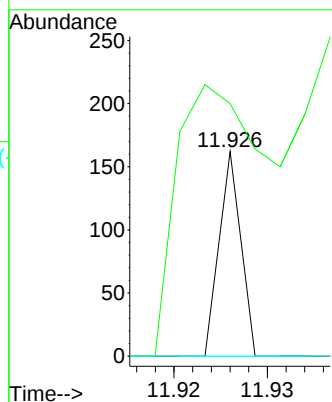
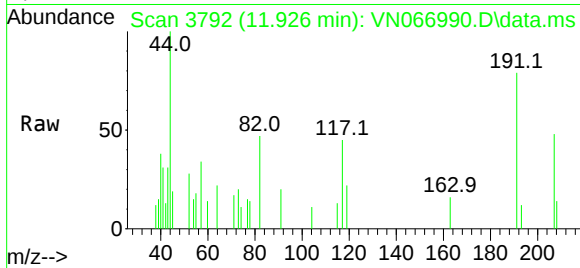




#70
Styrene
Concen: 4.71 ug/l
RT: 11.926 min Scan# 3792
Delta R.T. 0.016 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

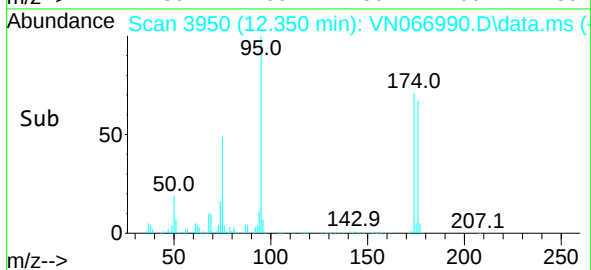
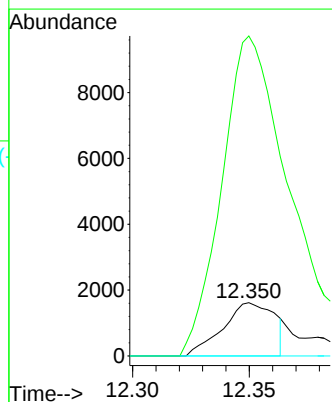
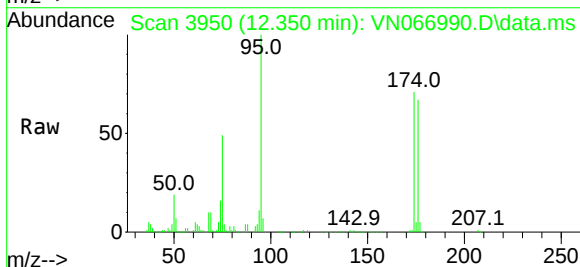
Instrument :
MSVOA_N
ClientSampled :

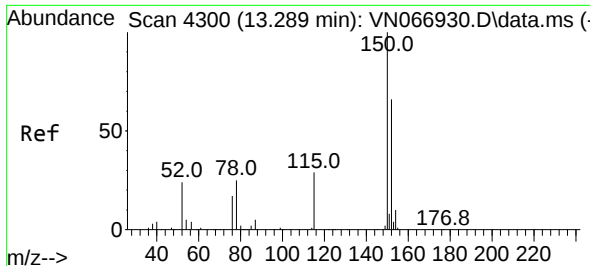
Tgt Ion:104 Resp: 26
Ion Ratio Lower Upper
104 100
78 561.5 39.0 58.4#
103 0.0 44.5 66.7#



#71
Bromoform
Concen: 0.38 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.276 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

Tgt Ion:173 Resp: 2490
Ion Ratio Lower Upper
173 100
175 596.4 23.8 71.2#
254 0.0 0.0 0.0

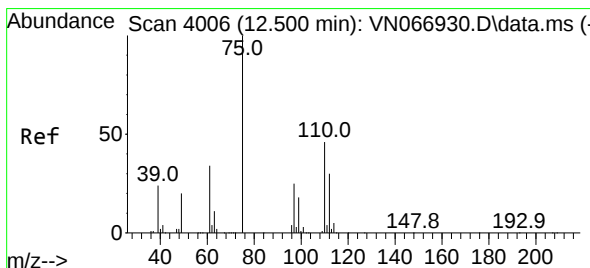
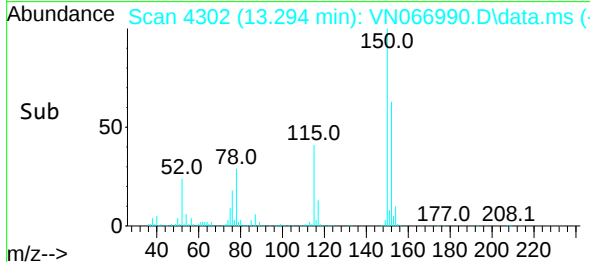
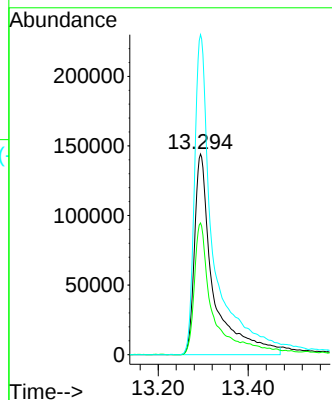
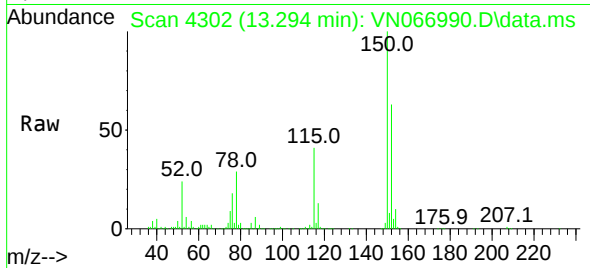




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

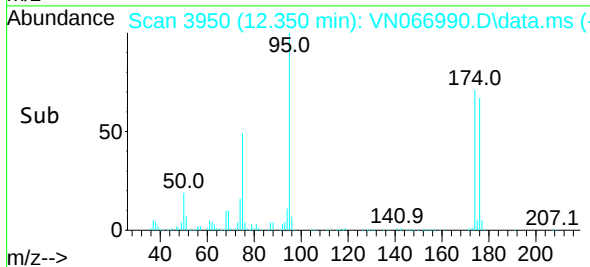
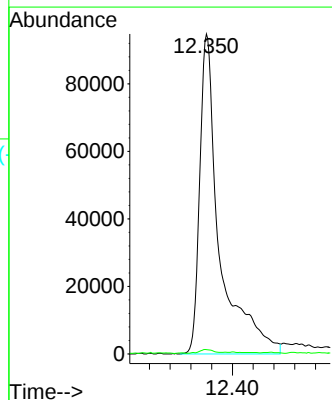
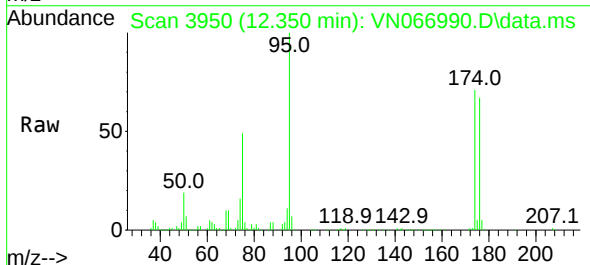
Instrument :
MSVOA_N
ClientSampled :

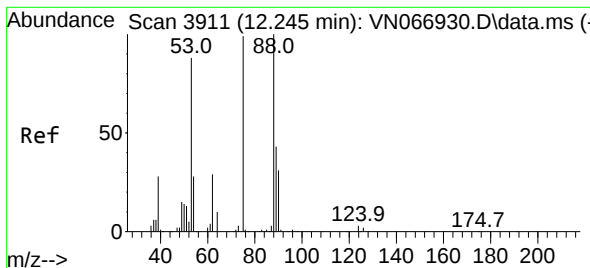
Tgt Ion:152 Resp: 420582
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.6
150 159.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 25.15 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

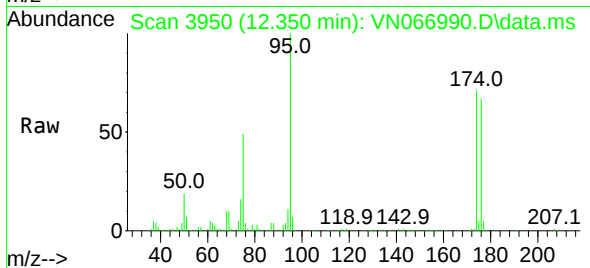
Tgt Ion: 75 Resp: 251980
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



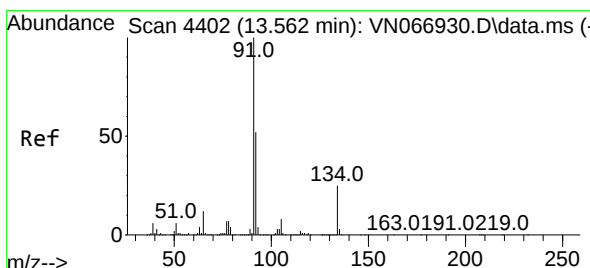
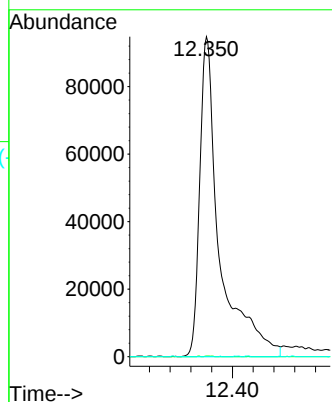
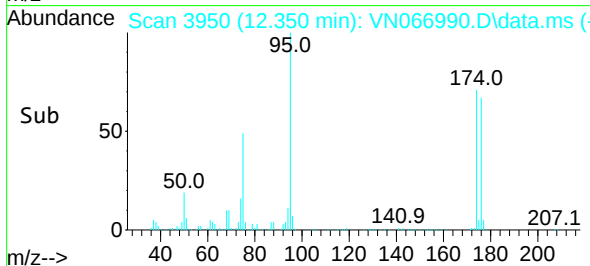


#81
trans-1,4-Dichloro-2-butene
Concen: 75.65 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46

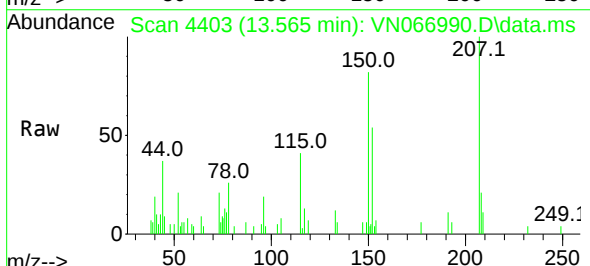
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 251980
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.565 min Scan# 4403
Delta R.T. 0.003 min
Lab File: VN066990.D
Acq: 5 May 2021 15:46



Tgt Ion: 91 Resp: 89
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 161.8 13.0 38.9#

