

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066867.D
 Acq On : 29 Apr 2021 17:15
 Operator : JC/MD
 Sample : M2137-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:15:50 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)

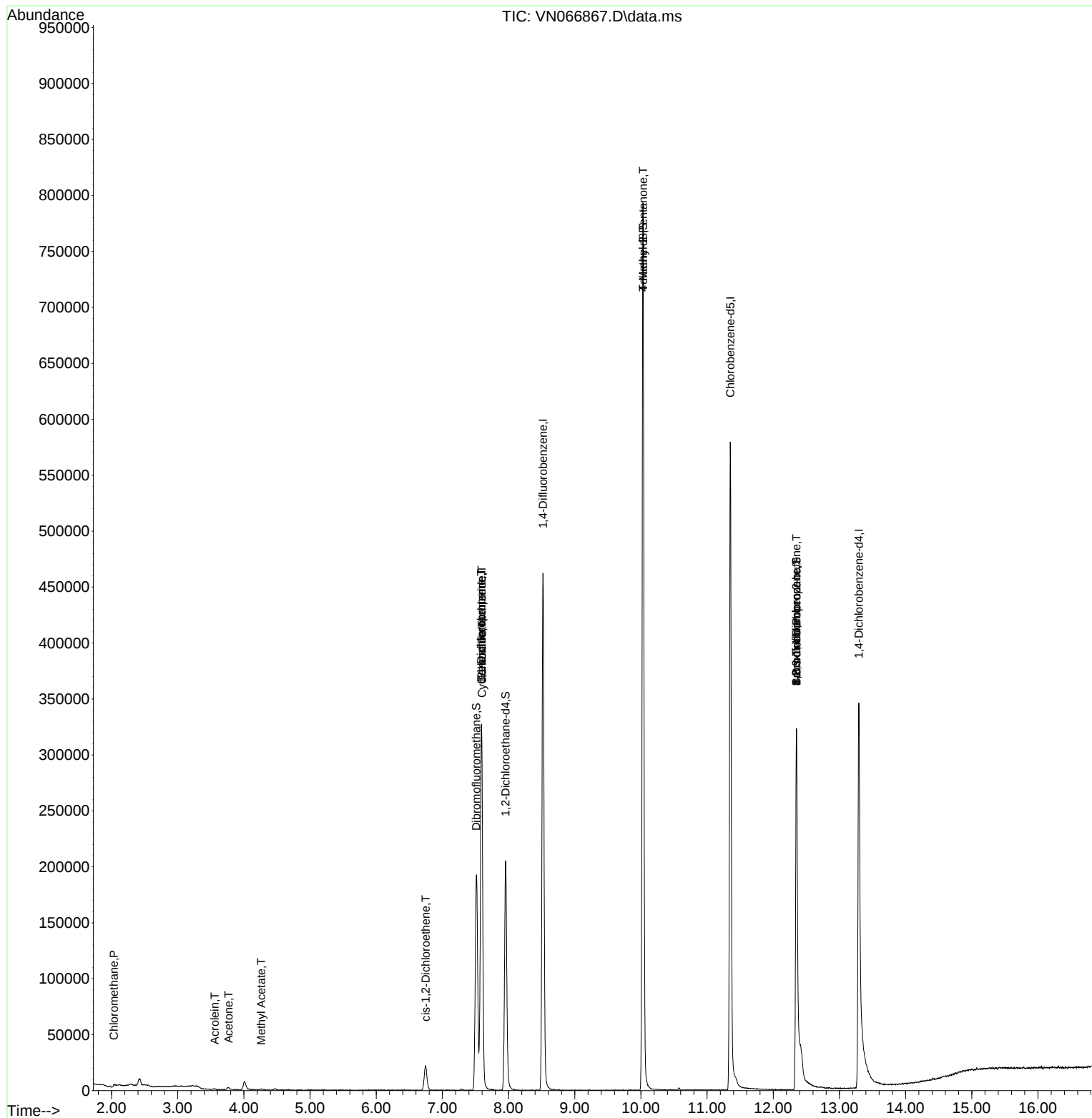
Internal Standards						
1) Pentafluorobenzene	7.591	168	295707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	443700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	398942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	163209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	175743	46.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.52%			
35) Dibromofluoromethane	7.513	113	156713	57.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.44%			
50) Toluene-d8	10.031	98	578350	53.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.60%			
62) 4-Bromofluorobenzene	12.349	95	167721	46.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.22%			
Target Compounds						Qvalue
3) Chloromethane	2.034	50	866	0.21	ug/l #	87
13) Acrolein	3.557	56	414	0.85	ug/l	88
16) Acetone	3.766	43	3677	2.57	ug/l	97
18) Methyl Acetate	4.263	43	2059	1.63	ug/l #	51
27) cis-1,2-Dichloroethene	6.746	96	15468	4.20	ug/l	90
31) Cyclohexane	7.596	56	4562	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19285	4.68	ug/l #	43
38) Carbon Tetrachloride	7.594	117	24427	6.18	ug/l #	17
51) 4-Methyl-2-Pentanone	10.031	43	1986	0.53	ug/l #	1
71) Bromoform	12.349	173	914	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	66253	19.26	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	66253	53.28	ug/l #	12

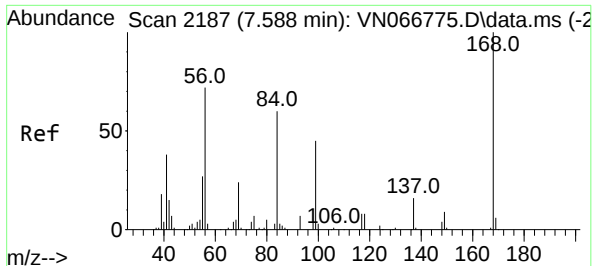
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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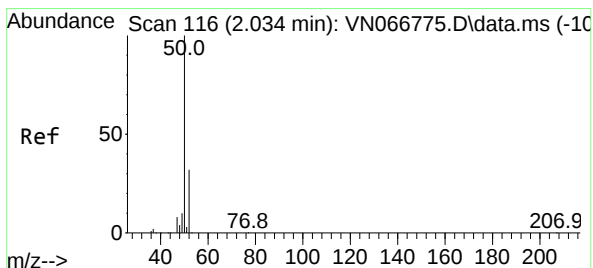
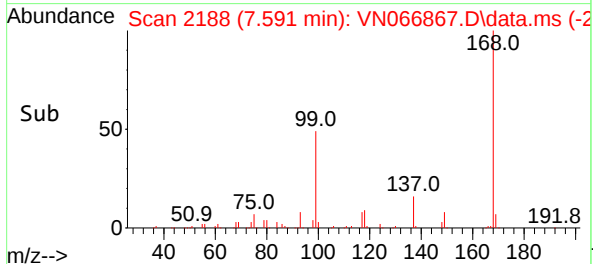
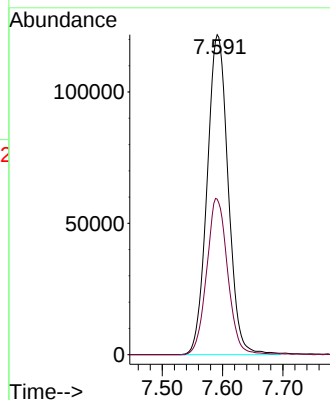
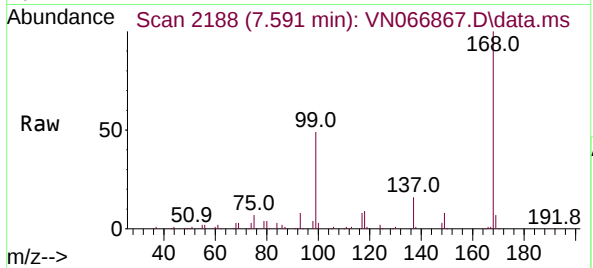




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

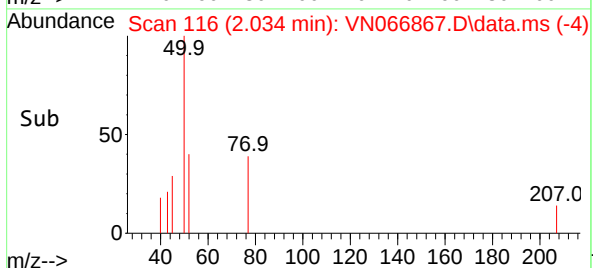
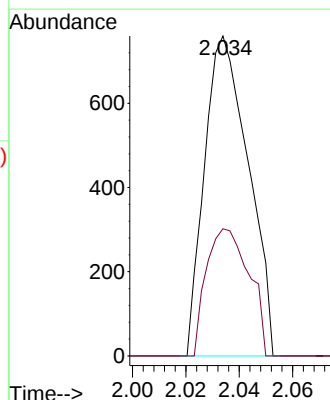
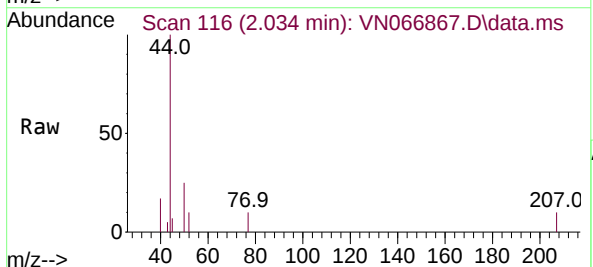
Instrument :
MSVOA_N
ClientSampled :

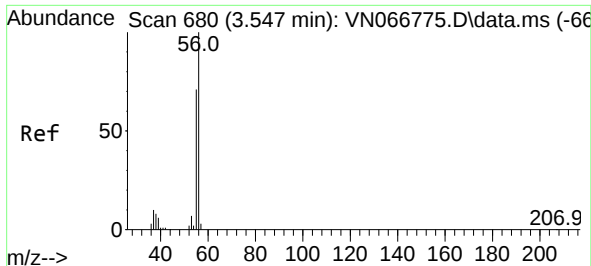
Tgt Ion:168 Resp: 295707
Ion Ratio Lower Upper
168 100
99 48.6 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion: 50 Resp: 866
Ion Ratio Lower Upper
50 100
52 39.7 25.8 38.8#

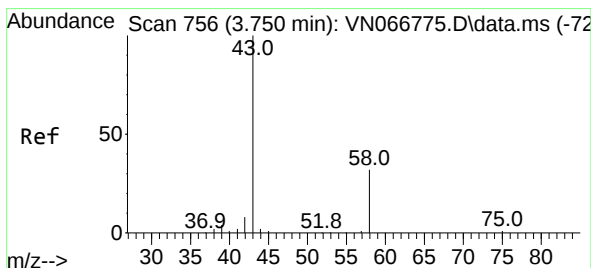
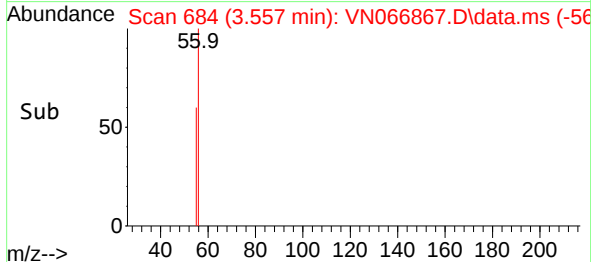
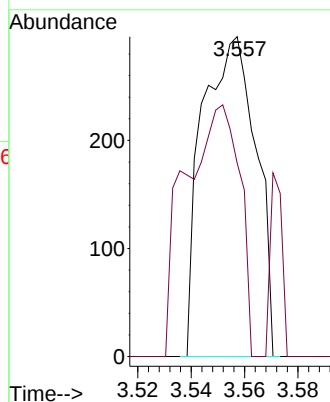
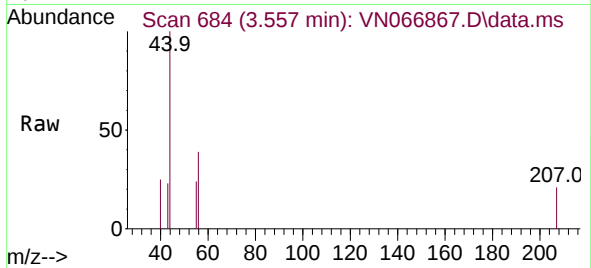




#13
Acrolein
Concen: 0.85 ug/l
RT: 3.557 min Scan# 684
Delta R.T. 0.010 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

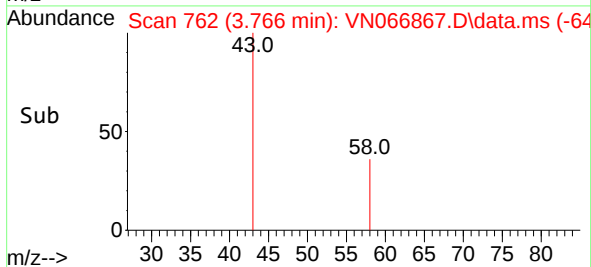
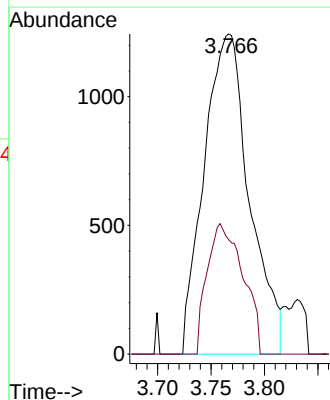
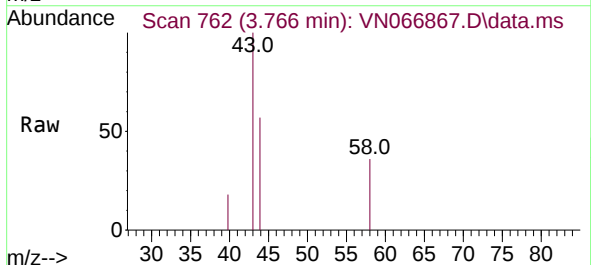
Instrument :
MSVOA_N
ClientSampled :

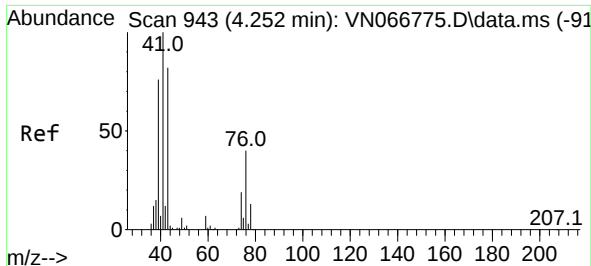
Tgt Ion: 56 Resp: 414
Ion Ratio Lower Upper
56 100
55 79.7 56.0 84.0



#16
Acetone
Concen: 2.57 ug/l
RT: 3.766 min Scan# 762
Delta R.T. 0.016 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

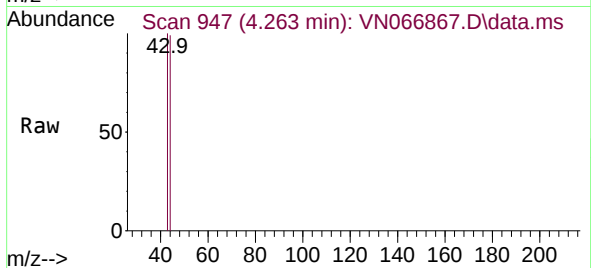
Tgt Ion: 43 Resp: 3677
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.6



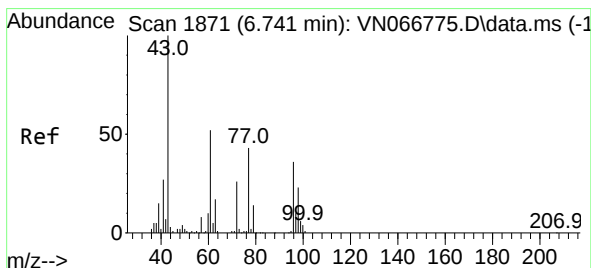
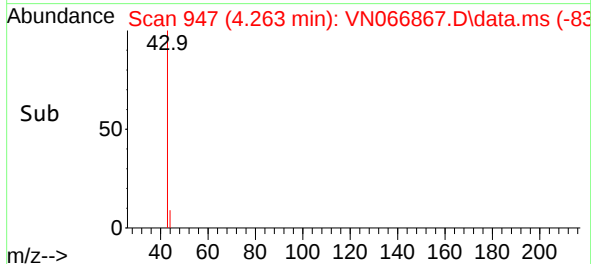
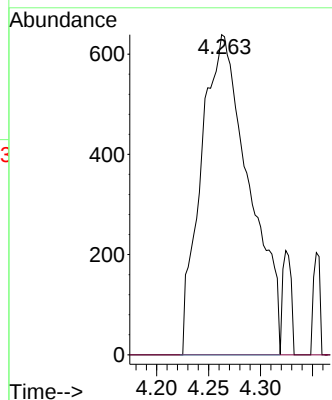


#18
Methyl Acetate
Concen: 1.63 ug/l
RT: 4.263 min Scan# 947
Delta R.T. 0.011 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Instrument :
MSVOA_N
ClientSampled :

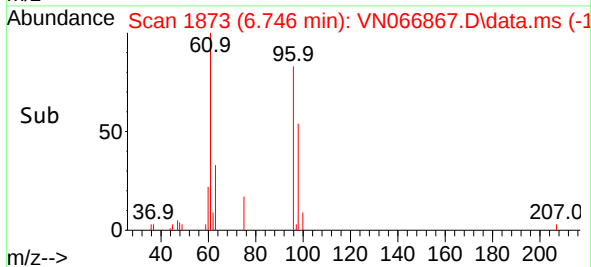
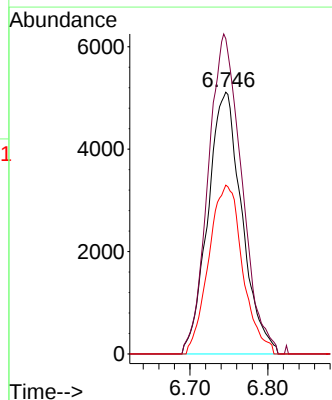
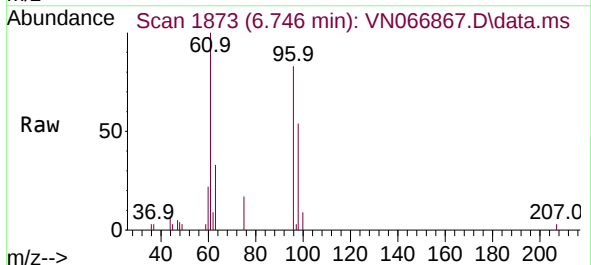


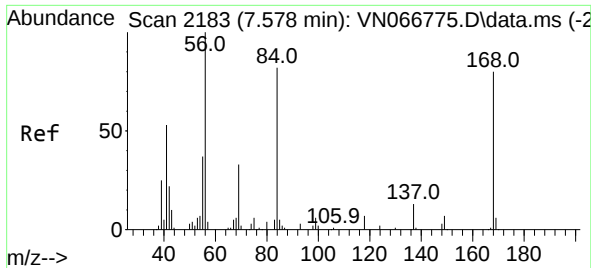
Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#27
cis-1,2-Dichloroethene
Concen: 4.20 ug/l
RT: 6.746 min Scan# 1873
Delta R.T. 0.005 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion: 96 Resp: 15468
Ion Ratio Lower Upper
96 100
61 120.8 0.0 276.8
98 64.4 0.0 129.4

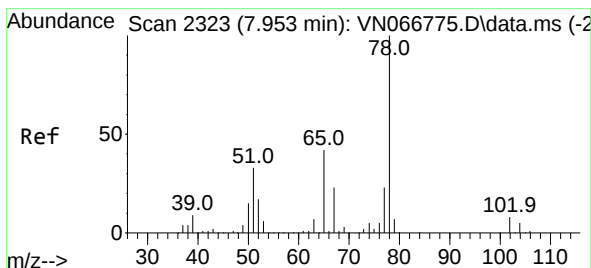
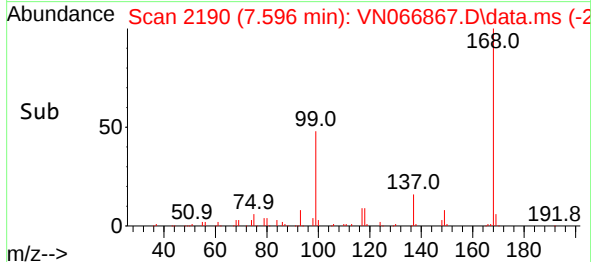
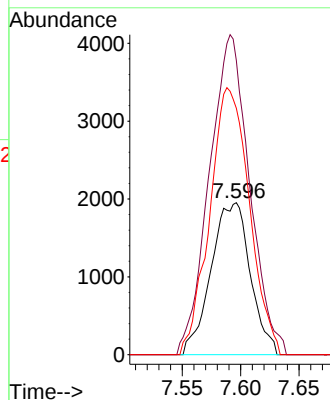
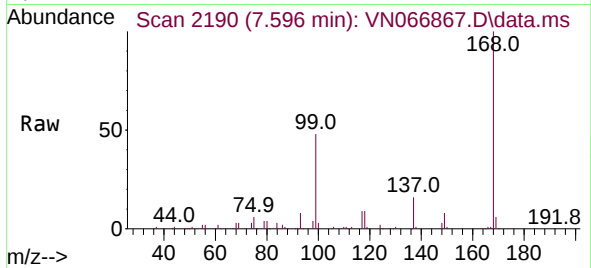




#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.596 min Scan# 2190
Delta R.T. 0.018 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

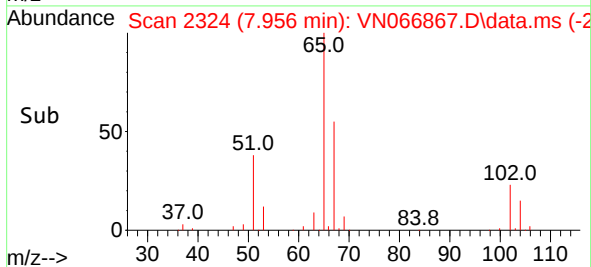
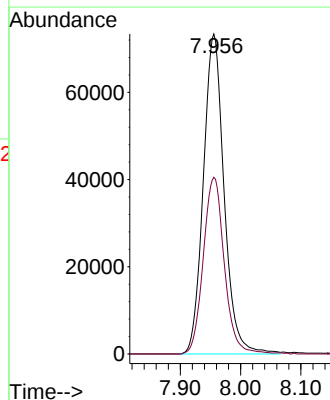
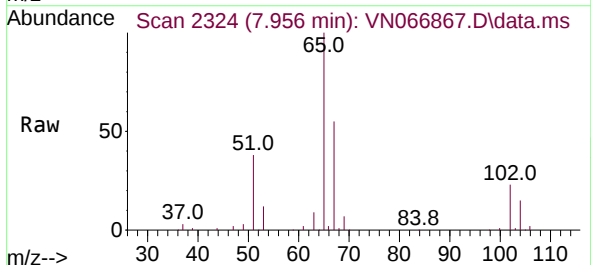
Instrument :
MSVOA_N
ClientSampled :

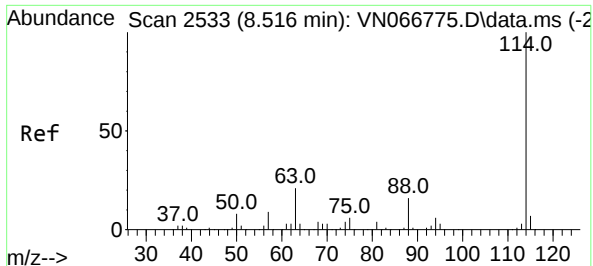
Tgt Ion: 56 Resp: 4562
Ion Ratio Lower Upper
56 100
69 185.7 26.6 39.8#
84 162.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.26 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion: 65 Resp: 175743
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

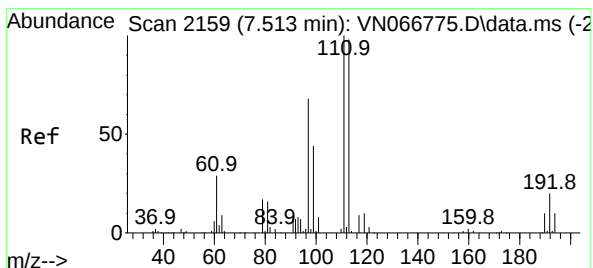
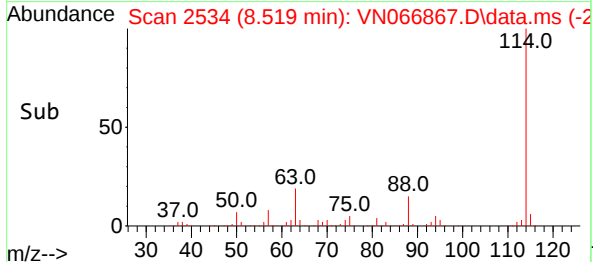
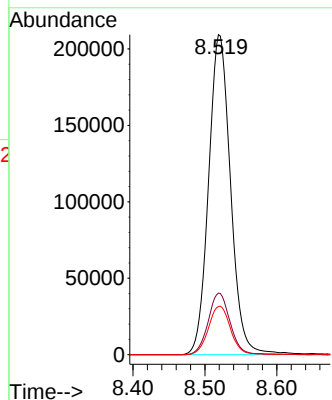
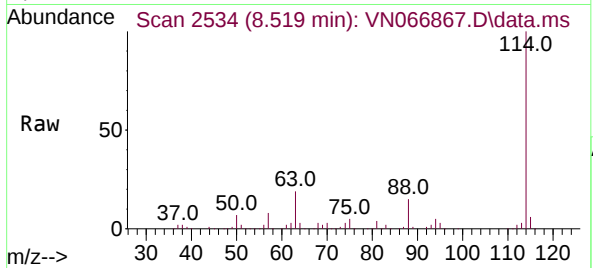




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

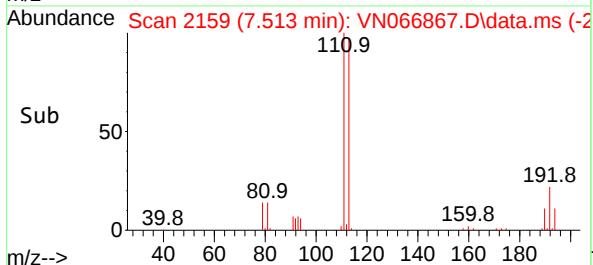
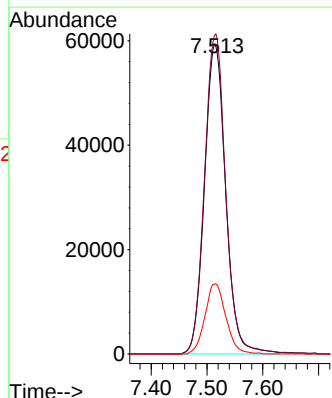
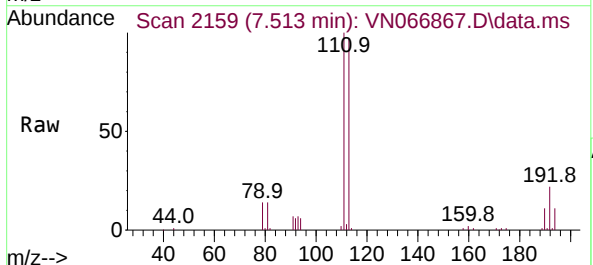
Instrument :
MSVOA_N
ClientSampleId :

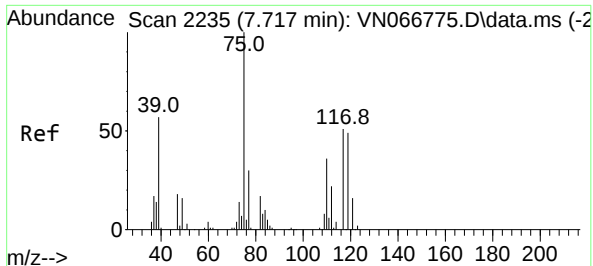
Tgt Ion:114 Resp: 443700
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.22 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion:113 Resp: 156713
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 22.3 15.4 23.0

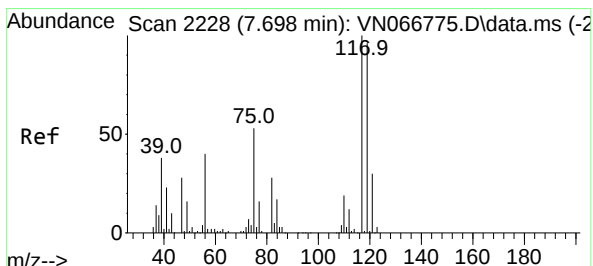
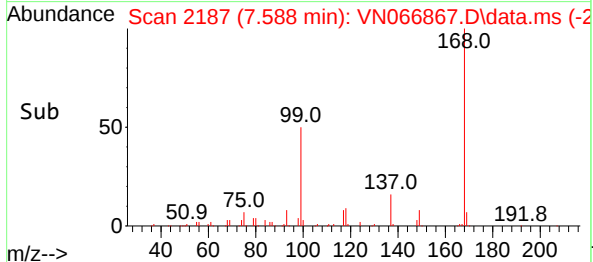
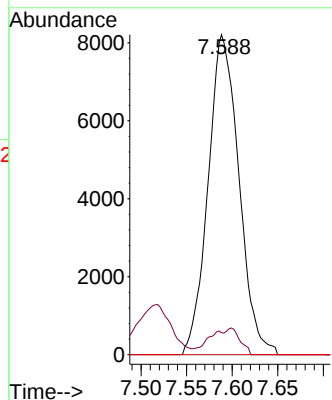
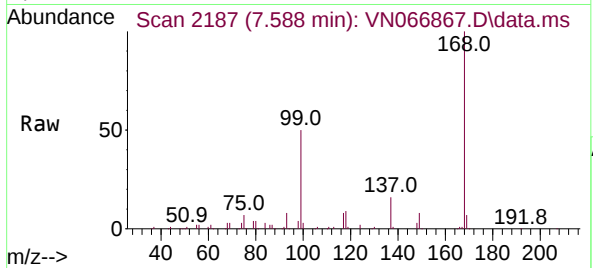




#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

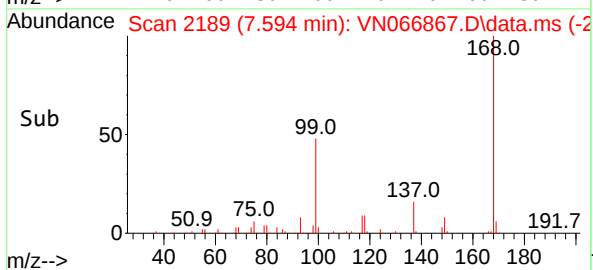
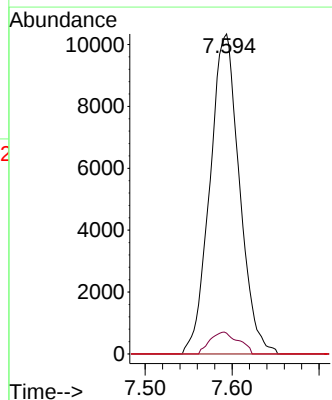
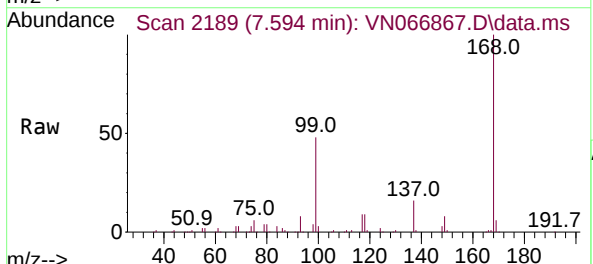
Instrument :
MSVOA_N
ClientSampled :

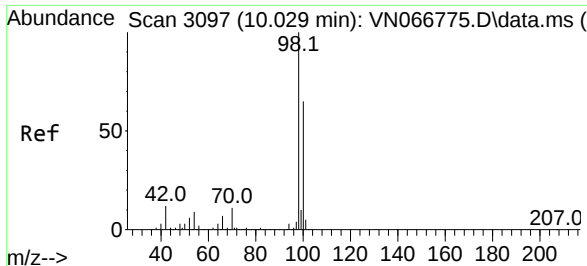
Tgt Ion: 75 Resp: 19285
Ion Ratio Lower Upper
75 100
110 2.6 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion: 117 Resp: 24427
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#

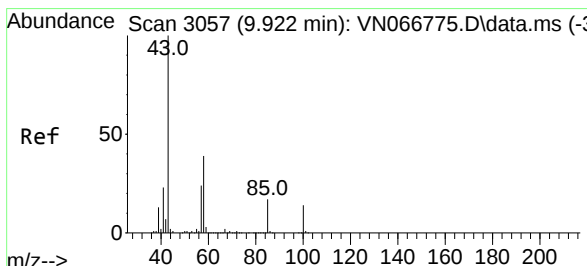
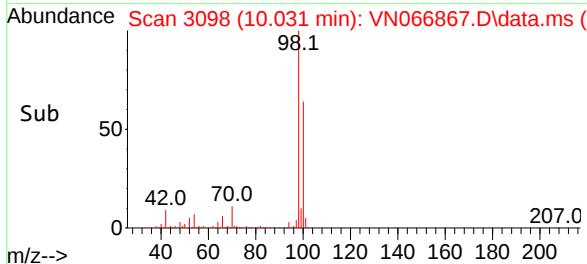
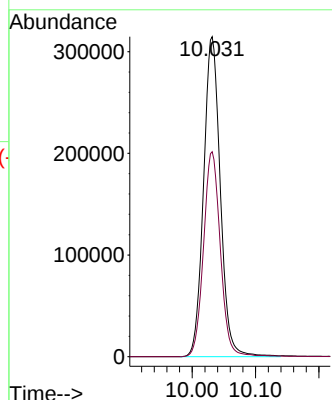
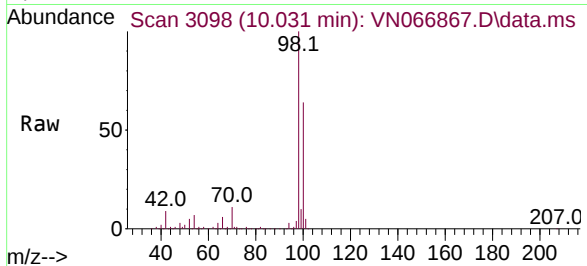




#50
Toluene-d8
Concen: 53.80 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

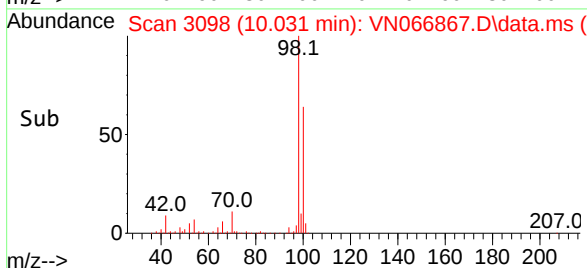
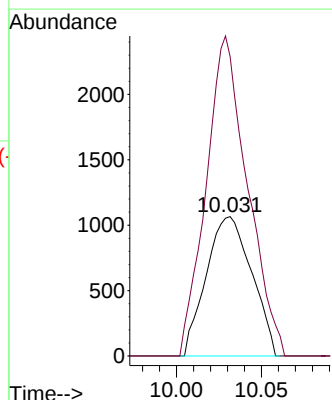
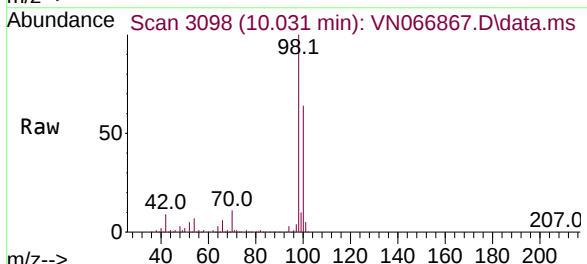
Instrument :
MSVOA_N
ClientSampled :

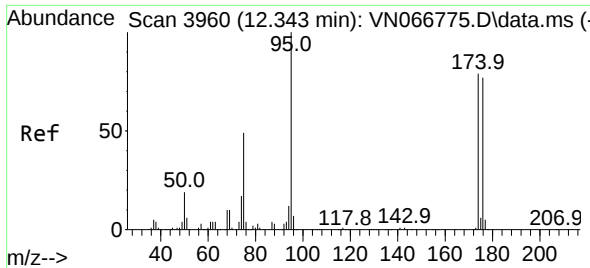
Tgt Ion: 98 Resp: 578350
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.109 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
58 208.6 32.5 48.7#

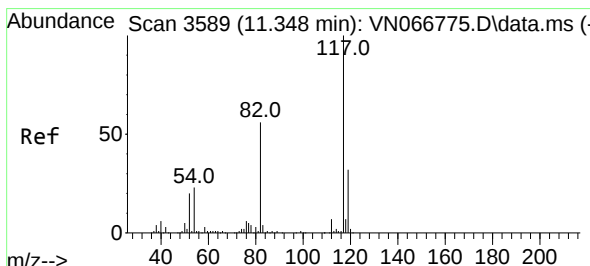
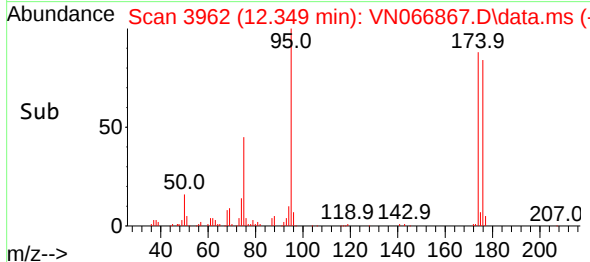
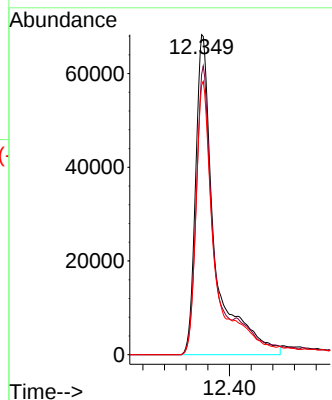
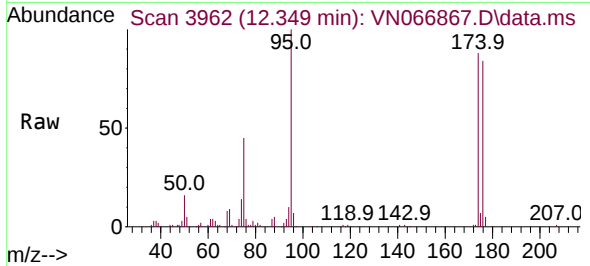




#62
4-Bromofluorobenzene
Concen: 46.11 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

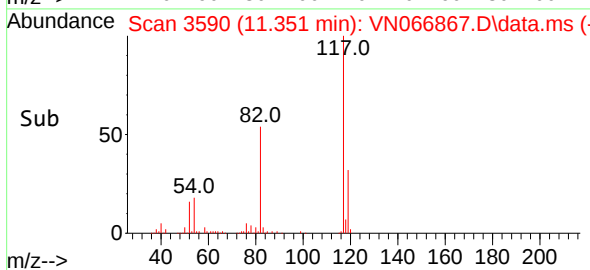
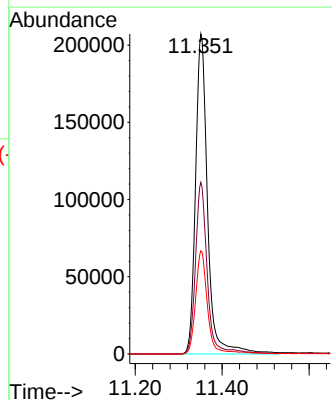
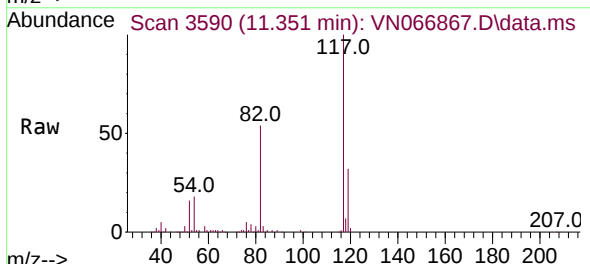
Instrument :
MSVOA_N
ClientSampleId :

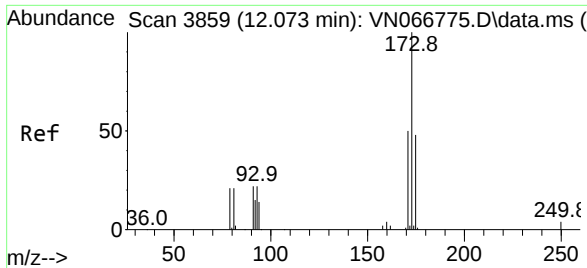
Tgt Ion: 95 Resp: 167721
Ion Ratio Lower Upper
95 100
174 75.2 0.0 169.0
176 84.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion: 117 Resp: 398942
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.2 26.1 39.1

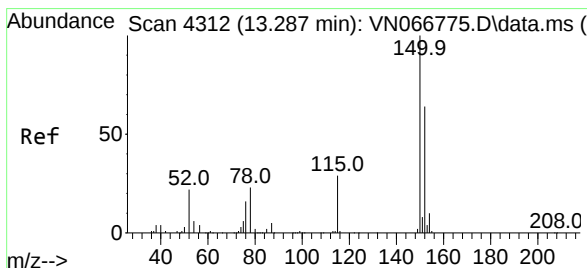
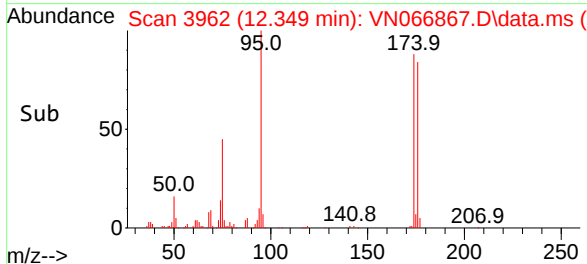
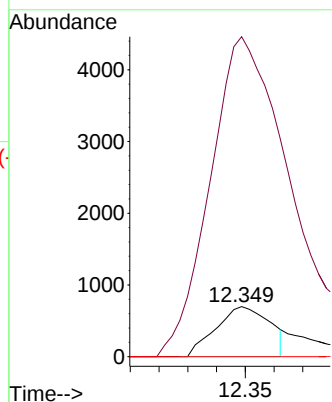
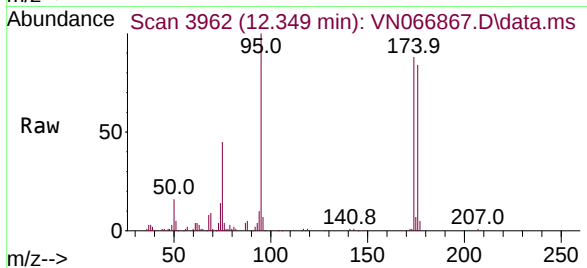




#71
Bromoform
Concen: 0.42 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

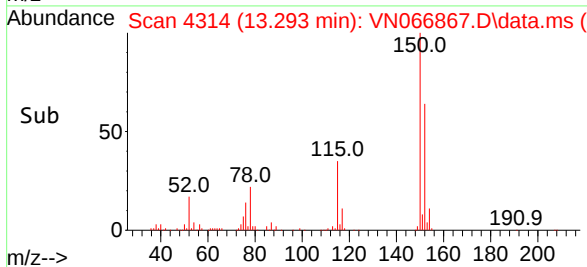
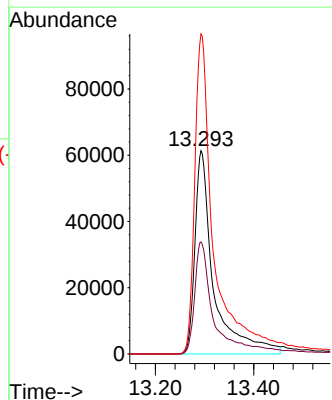
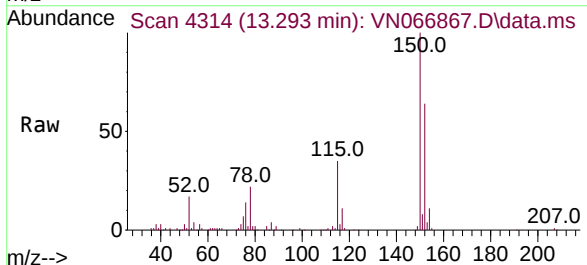
Instrument :
MSVOA_N
ClientSampled :

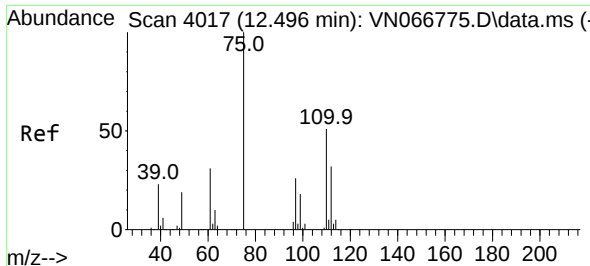
Tgt Ion:173 Resp: 914
Ion Ratio Lower Upper
173 100
175 736.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion:152 Resp: 163209
Ion Ratio Lower Upper
152 100
115 54.7 28.5 85.6
150 163.1 0.0 347.6

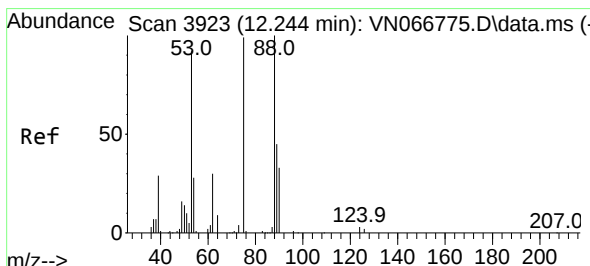
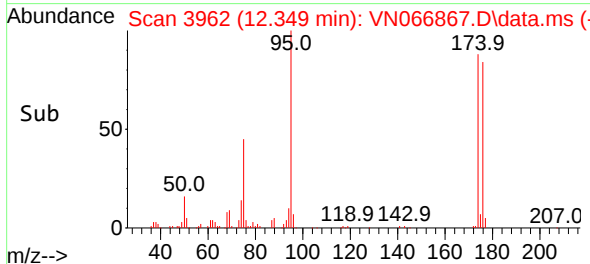
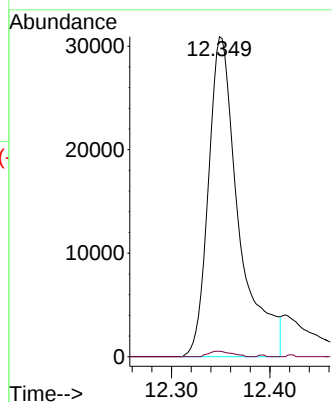
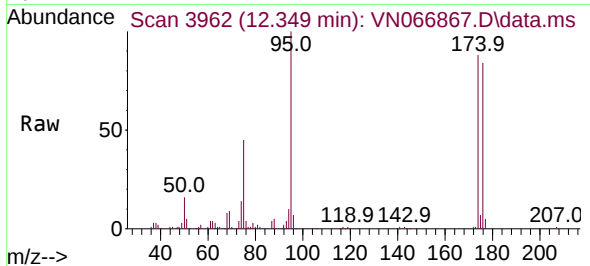




#76
1,2,3-Trichloropropane
Concen: 19.26 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 66253
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.28 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066867.D
Acq: 29 Apr 2021 17:15

Tgt Ion: 75 Resp: 66253
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

