

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066859.D
 Acq On : 29 Apr 2021 14:15
 Operator : JC/MD
 Sample : M2173-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:14:45 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)

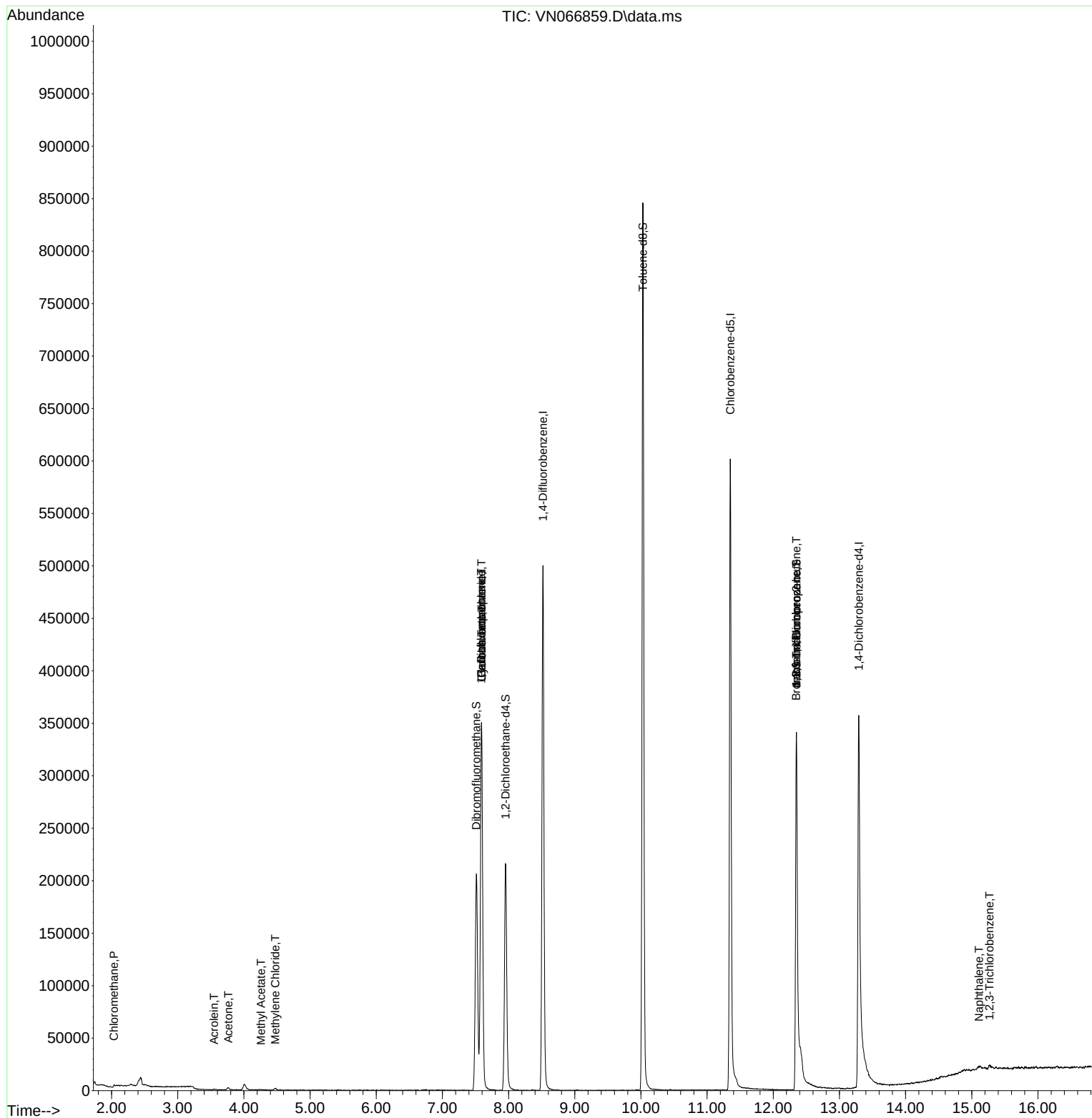
Internal Standards						
1) Pentafluorobenzene	7.591	168	321007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	478788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	414630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	156388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	183061	44.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.76%			
35) Dibromofluoromethane	7.513	113	165091	55.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.72%			
50) Toluene-d8	10.029	98	615214	53.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.06%			
62) 4-Bromofluorobenzene	12.349	95	147757	37.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 75.28%			
Target Compounds						
						Qvalue
3) Chloromethane	2.034	50	933	0.20	ug/l	97
13) Acrolein	3.546	56	516	0.97	ug/l #	73
16) Acetone	3.764	43	3678	2.36	ug/l	95
18) Methyl Acetate	4.257	43	976	1.34	ug/l #	51
20) Methylene Chloride	4.474	84	1225	0.31	ug/l #	93
31) Cyclohexane	7.594	56	4804	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	20324	4.57	ug/l #	48
38) Carbon Tetrachloride	7.591	117	26613	6.24	ug/l #	18
71) Bromoform	12.346	173	699	0.31	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	78280	23.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	78280	64.02	ug/l #	12
95) Naphthalene	15.108	128	4315	0.62	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.267	180	1193	0.46	ug/l	90

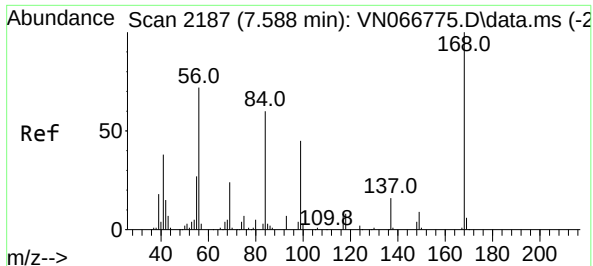
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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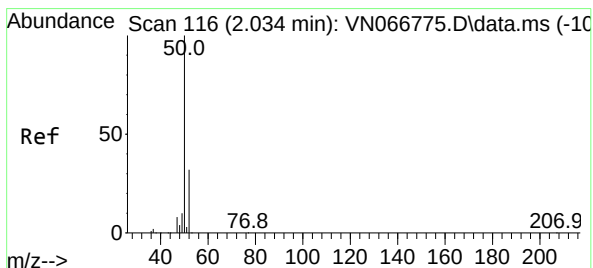
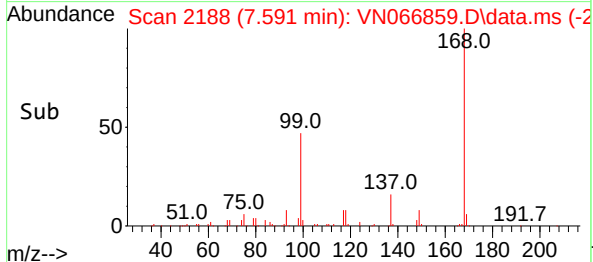
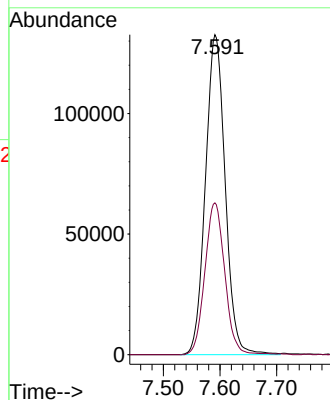
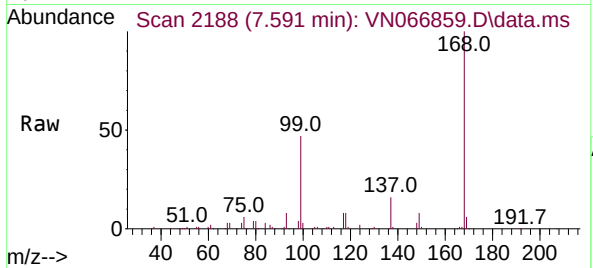




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

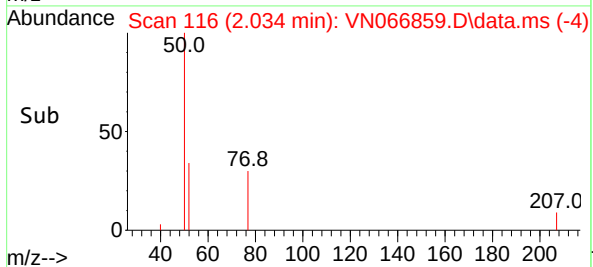
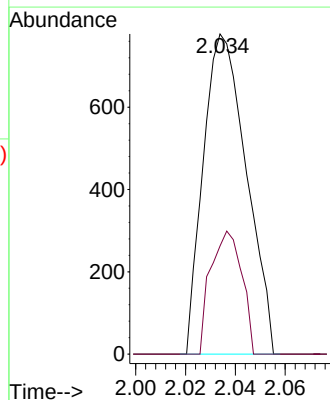
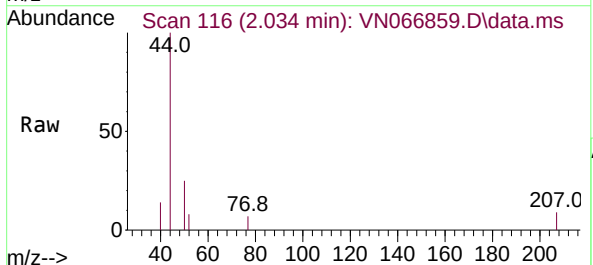
Instrument :
MSVOA_N
ClientSampled :

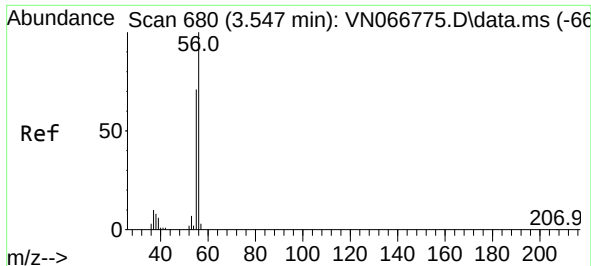
Tgt Ion:168 Resp: 321007
Ion Ratio Lower Upper
168 100
99 47.4 42.6 63.8



#3
Chloromethane
Concen: 0.20 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

Tgt Ion: 50 Resp: 933
Ion Ratio Lower Upper
50 100
52 33.8 25.8 38.8

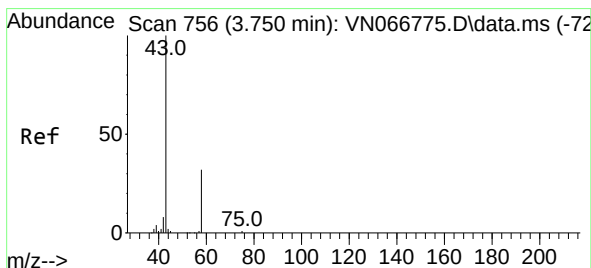
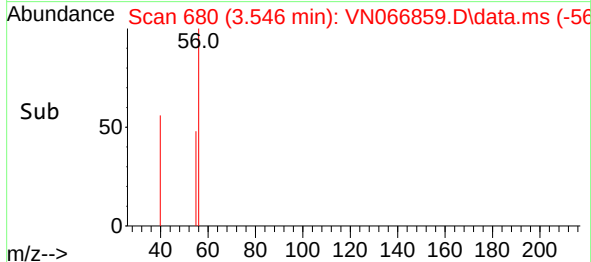
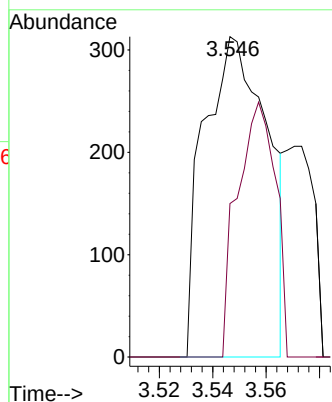
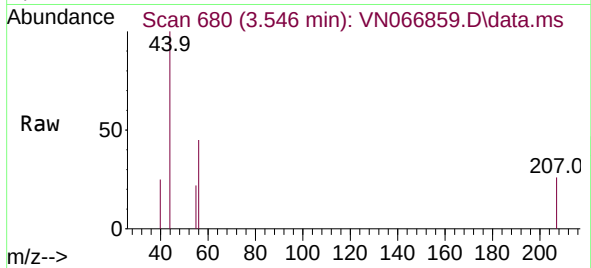




#13
Acrolein
Concen: 0.97 ug/l
RT: 3.546 min Scan# 680
Delta R.T. -0.001 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

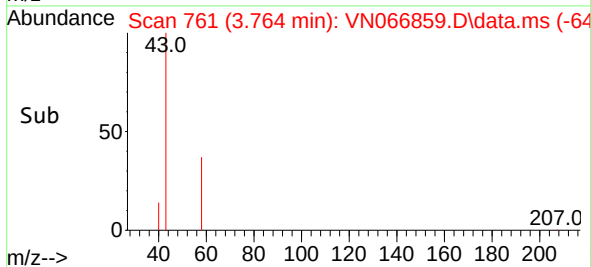
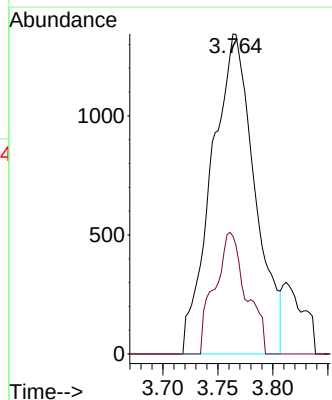
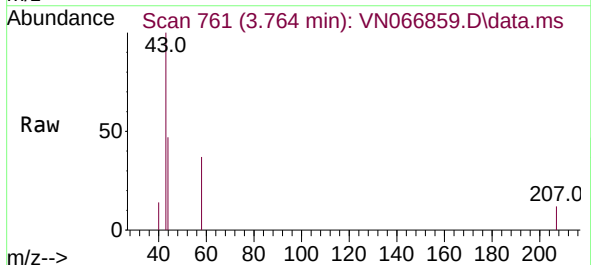
Instrument :
MSVOA_N
ClientSampled :

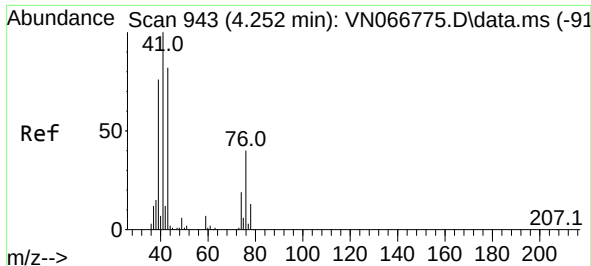
Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 47.9 56.0 84.0#



#16
Acetone
Concen: 2.36 ug/l
RT: 3.764 min Scan# 761
Delta R.T. 0.014 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

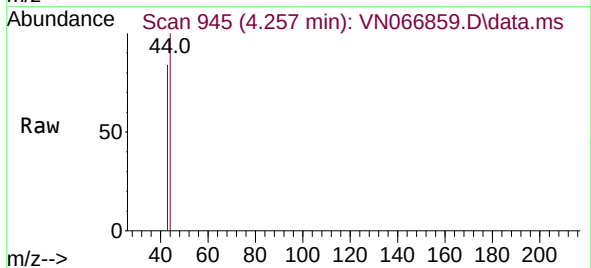
Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 36.8 27.0 40.6



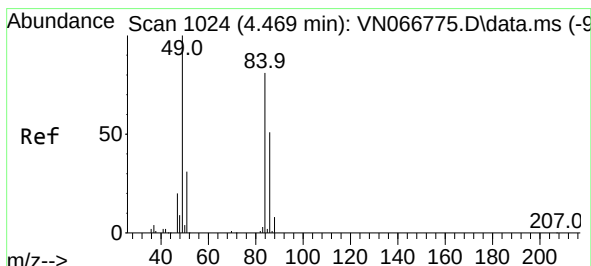
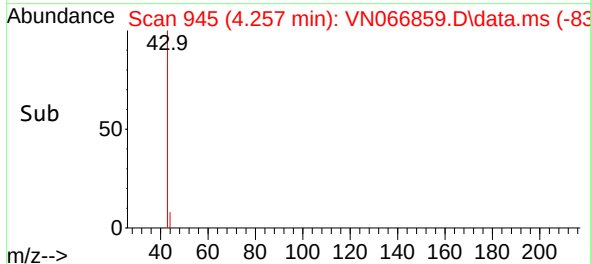
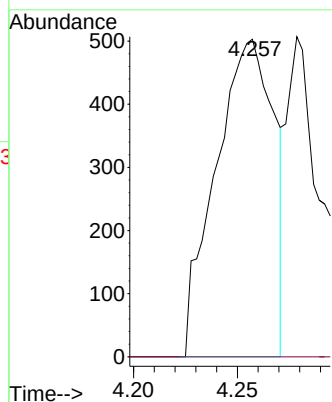


#18
Methyl Acetate
Concen: 1.34 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

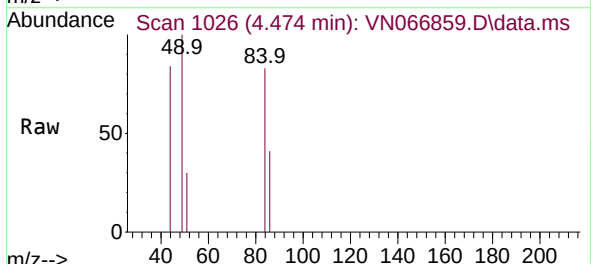
Instrument :
MSVOA_N
ClientSampled :



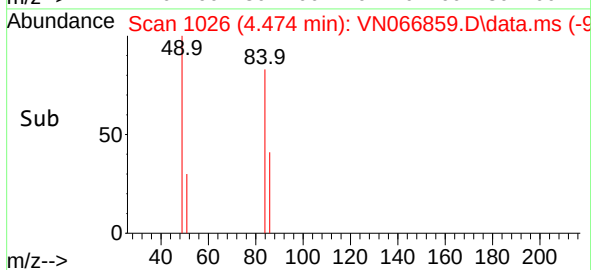
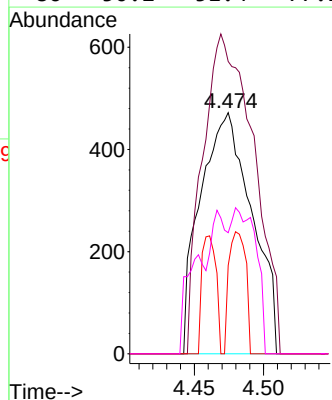
Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

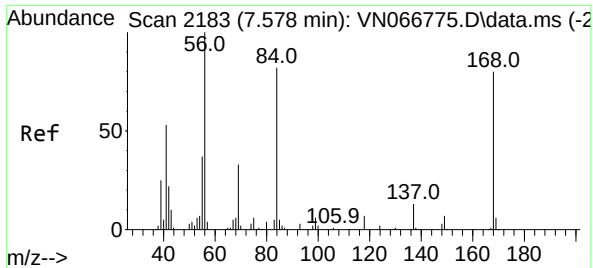


#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.005 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15



Tgt Ion: 84 Resp: 1225
Ion Ratio Lower Upper
84 100
49 121.2 94.6 141.8
51 36.7 29.9 44.9
86 50.2 51.4 77.2#

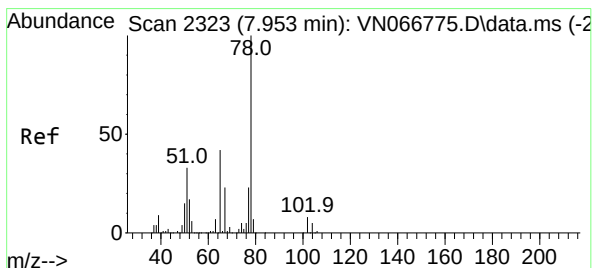
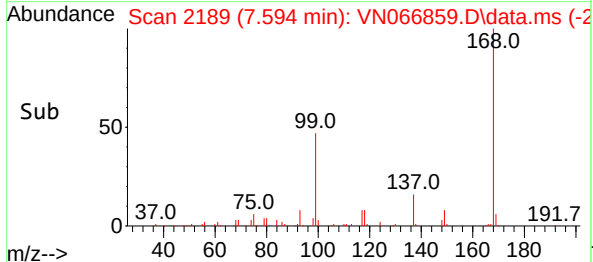
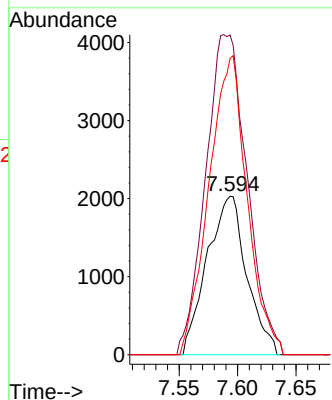
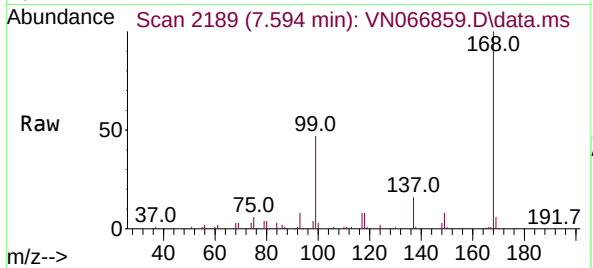




#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

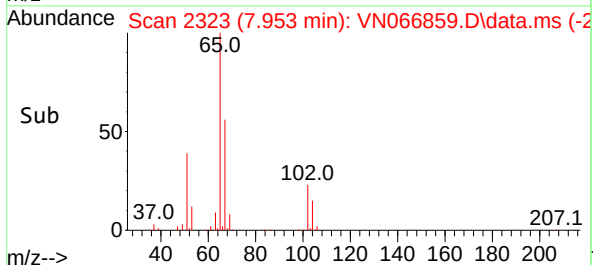
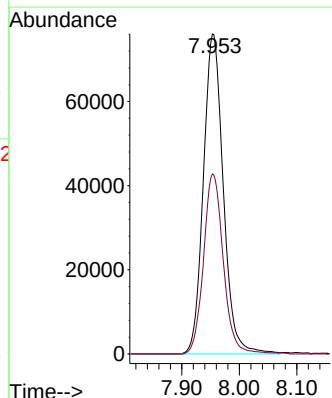
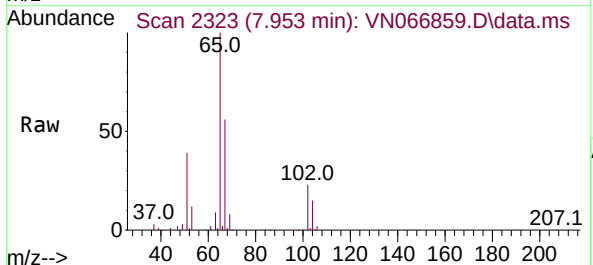
Instrument :
MSVOA_N
ClientSampled :

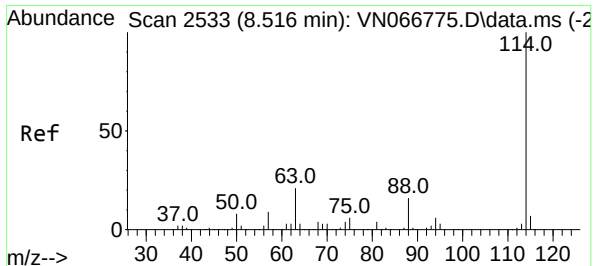
Tgt Ion: 56 Resp: 4804
Ion Ratio Lower Upper
56 100
69 193.8 26.6 39.8#
84 187.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 44.38 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

Tgt Ion: 65 Resp: 183061
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

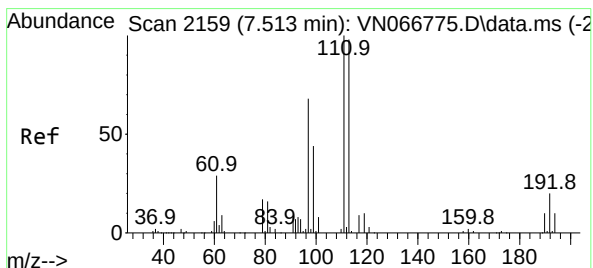
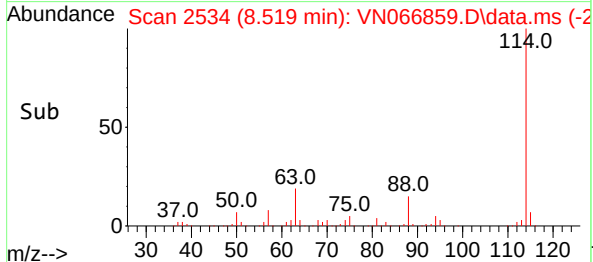
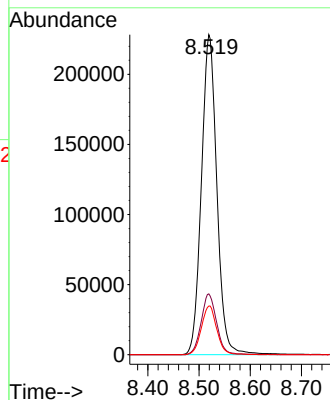
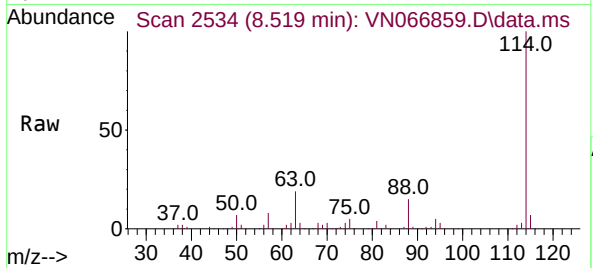




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

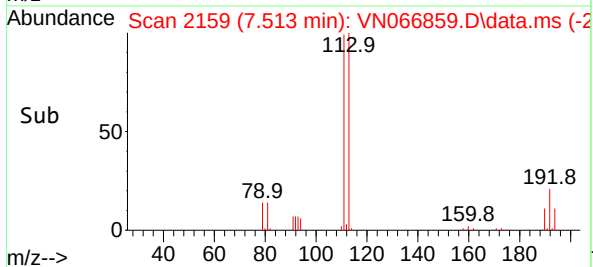
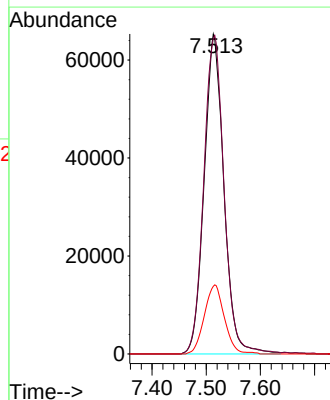
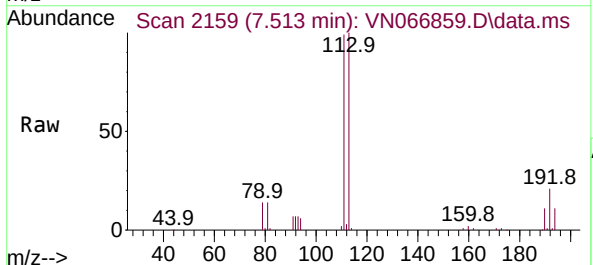
Instrument :
MSVOA_N
ClientSampled :

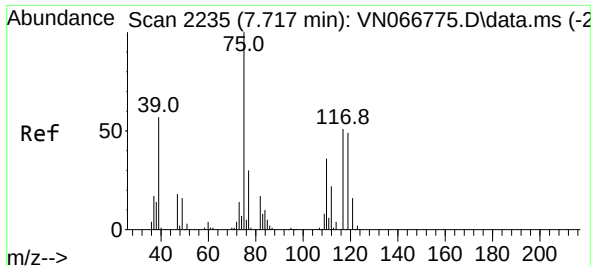
Tgt Ion:114 Resp: 478788
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.86 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

Tgt Ion:113 Resp: 165091
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 22.0 15.4 23.0

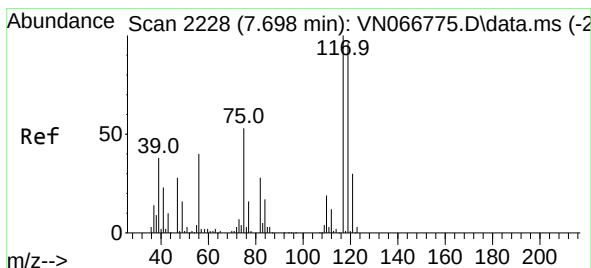
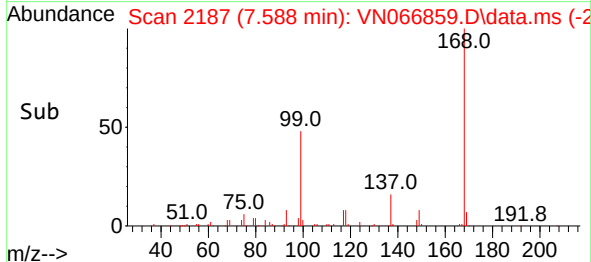
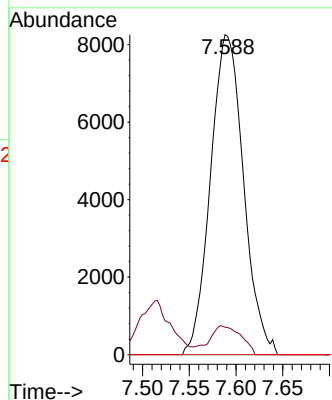
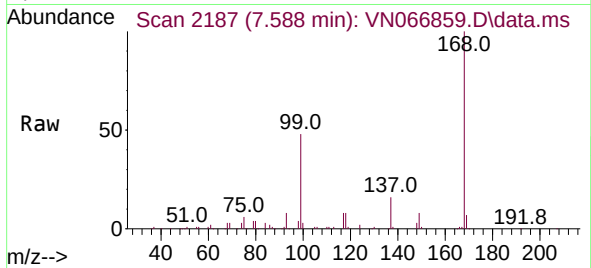




#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

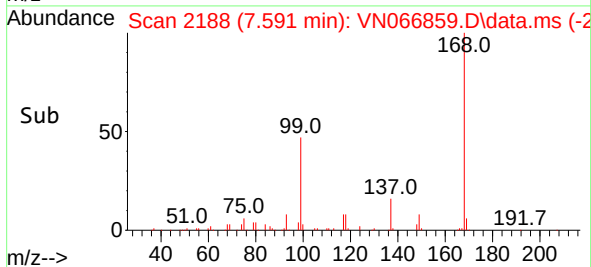
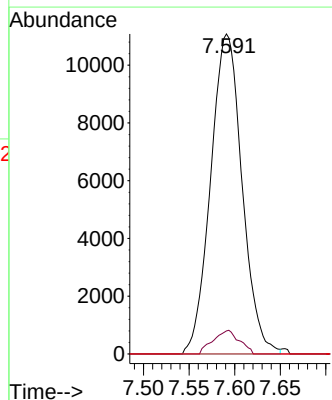
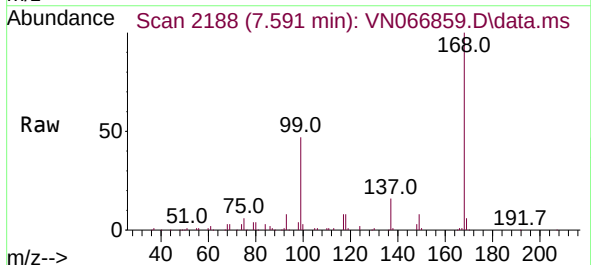
Instrument :
MSVOA_N
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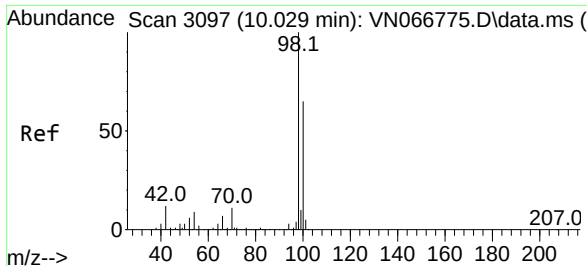
Tgt Ion: 75 Resp: 20324
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

Tgt Ion: 117 Resp: 26613
Ion Ratio Lower Upper
117 100
119 7.2 76.0 114.0#
121 0.0 24.5 36.7#

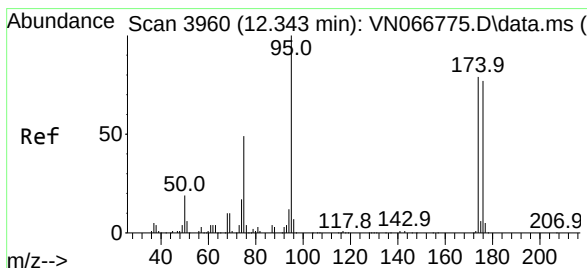
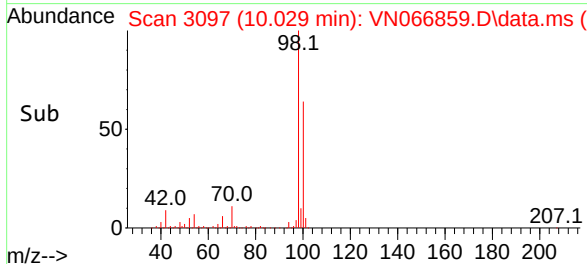
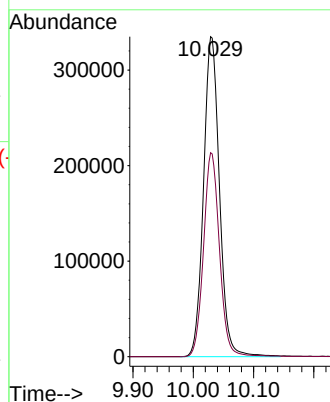
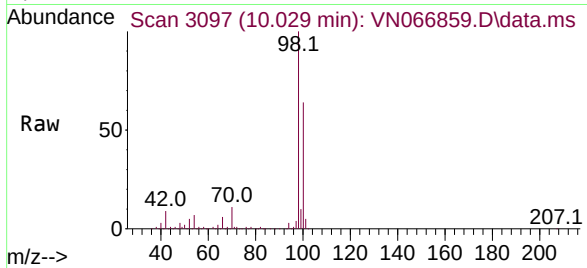




#50
Toluene-d8
Concen: 53.03 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

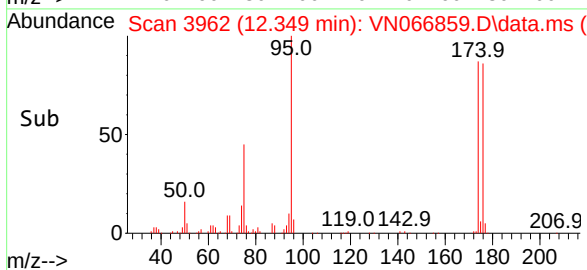
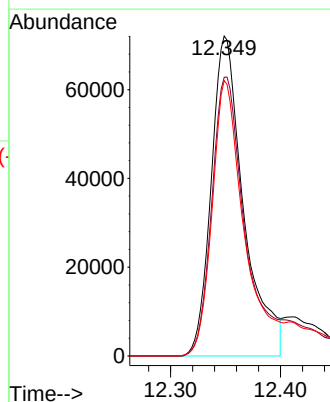
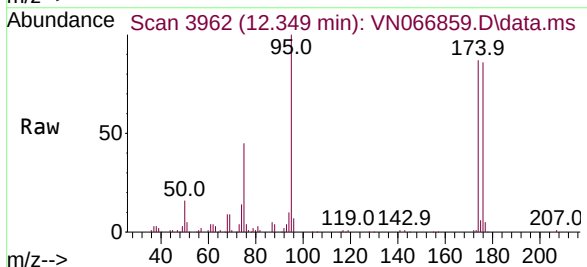
Instrument :
MSVOA_N
ClientSampleId :

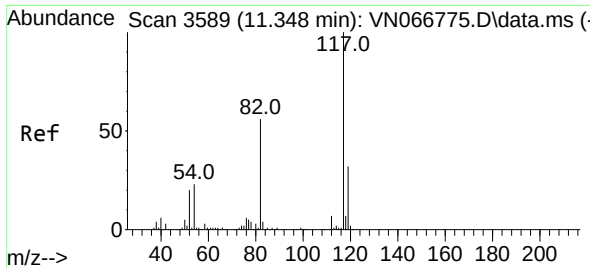
Tgt Ion: 98 Resp: 615214
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 37.64 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

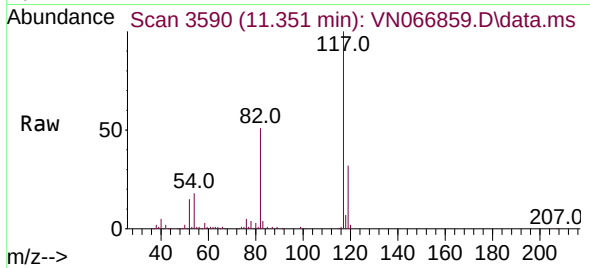
Tgt Ion: 95 Resp: 147757
Ion Ratio Lower Upper
95 100
174 103.1 0.0 169.0
176 85.4 0.0 162.4



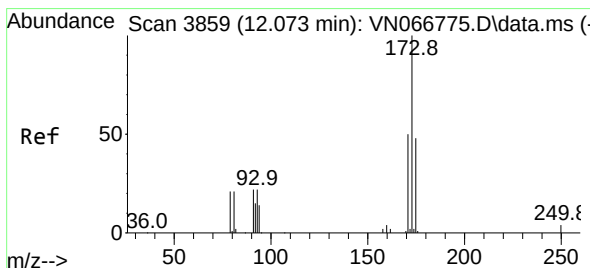
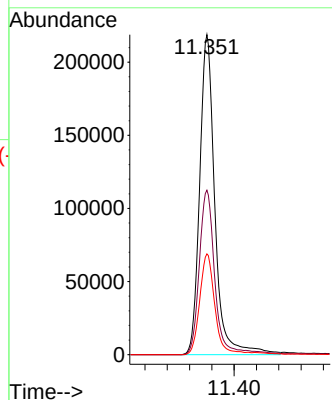
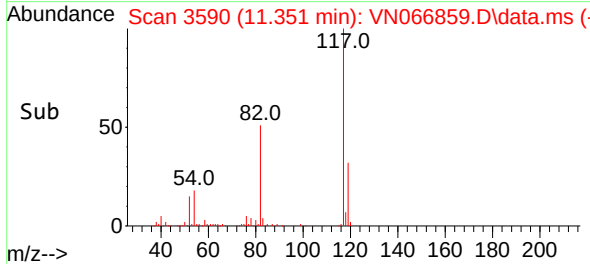


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

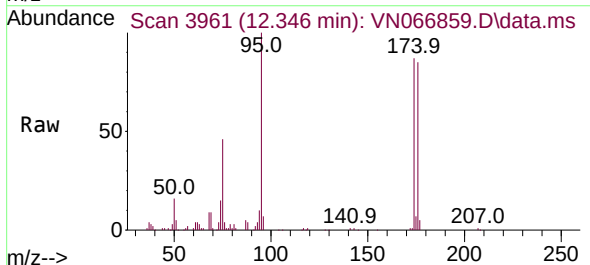
Instrument :
MSVOA_N
ClientSampled :



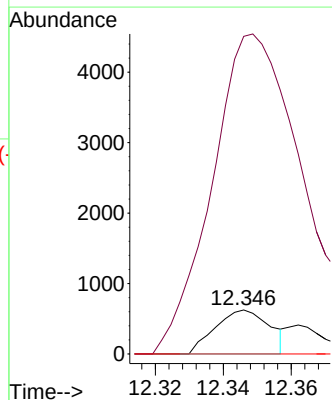
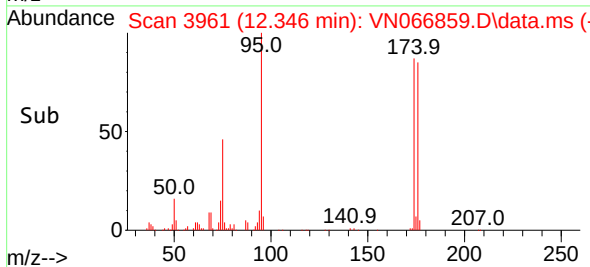
Tgt Ion:117 Resp: 414630
Ion Ratio Lower Upper
117 100
82 51.4 43.7 65.5
119 31.5 26.1 39.1

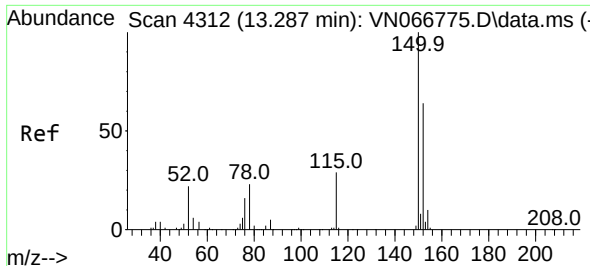


#71
Bromoform
Concen: 0.31 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15



Tgt Ion:173 Resp: 699
Ion Ratio Lower Upper
173 100
175 1011.2 23.8 71.2#
254 0.0 0.0 0.0

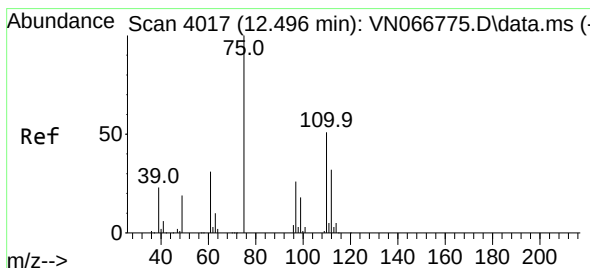
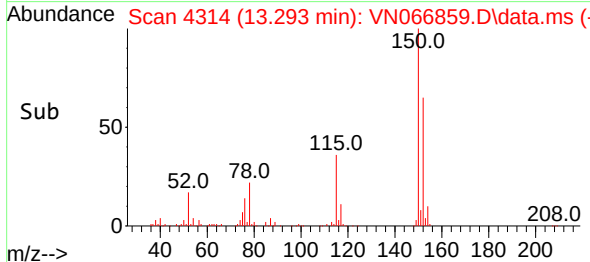
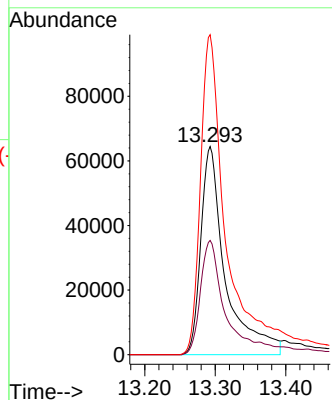
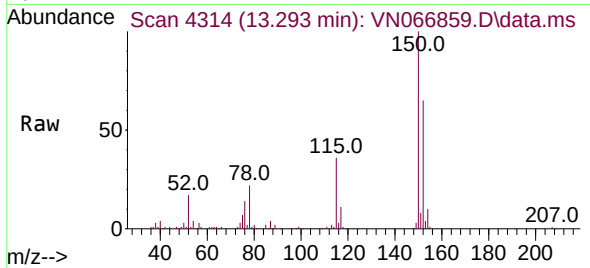




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

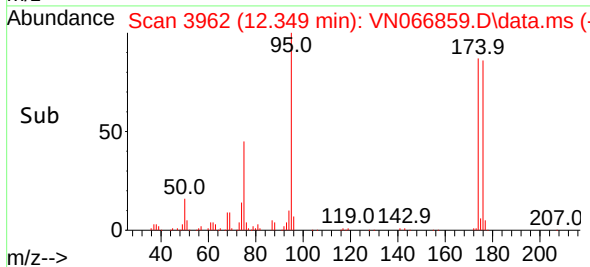
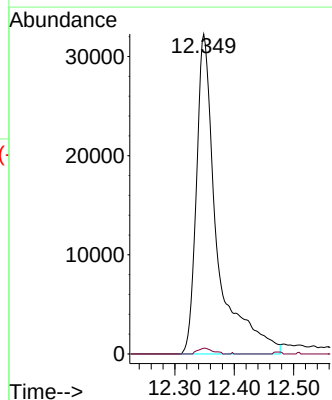
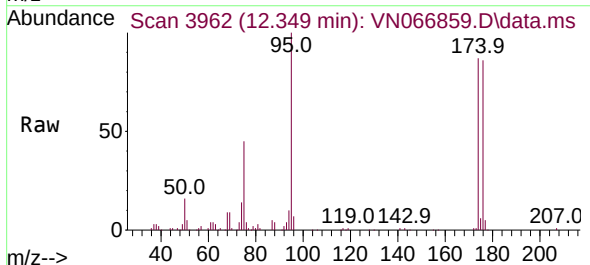
Instrument :
MSVOA_N
ClientSampled :

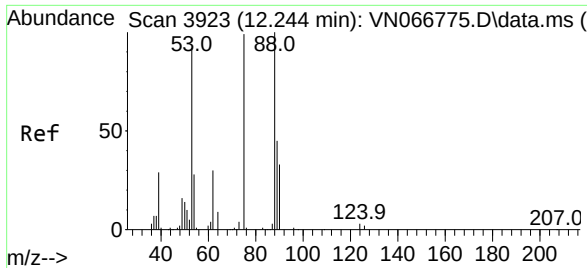
Tgt Ion:152 Resp: 156388
Ion Ratio Lower Upper
152 100
115 52.0 28.5 85.6
150 172.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.75 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066859.D
Acq: 29 Apr 2021 14:15

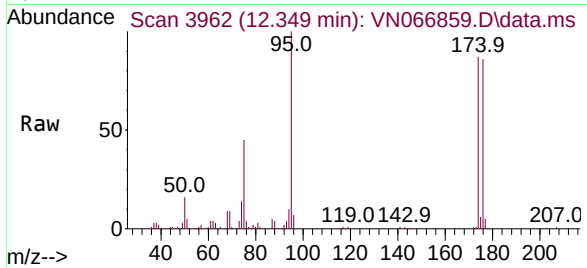
Tgt Ion: 75 Resp: 78280
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



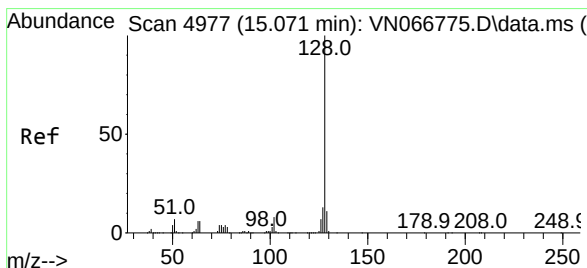
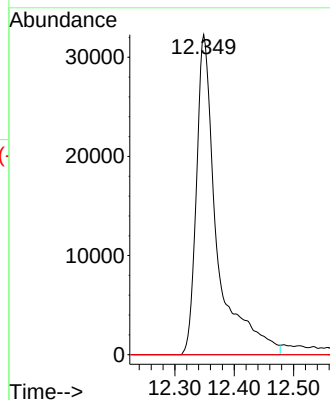
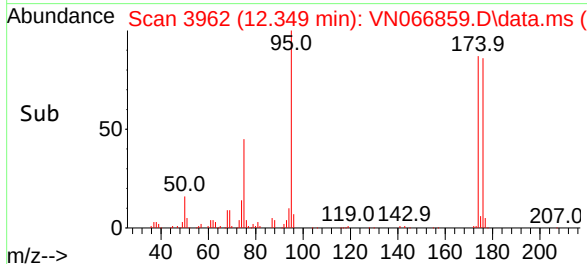


#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.02 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066859.D
 Acq: 29 Apr 2021 14:15

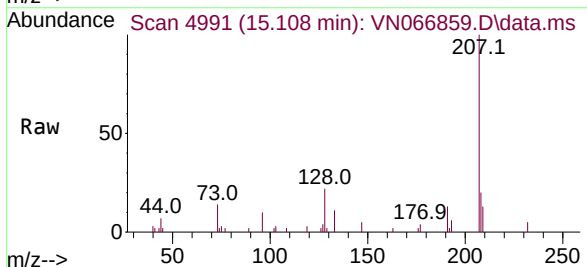
Instrument :
 MSVOA_N
 ClientSampleId :



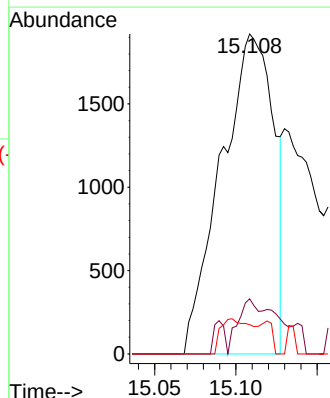
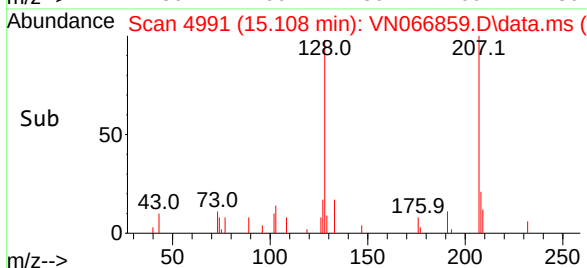
Tgt Ion: 75 Resp: 78280
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

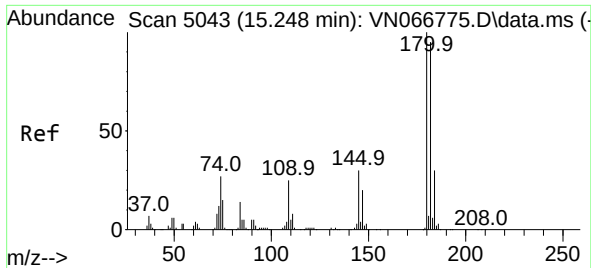


#95
 Naphthalene
 Concen: 0.62 ug/l
 RT: 15.108 min Scan# 4991
 Delta R.T. 0.037 min
 Lab File: VN066859.D
 Acq: 29 Apr 2021 14:15



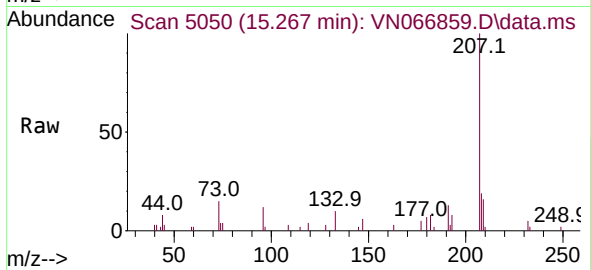
Tgt Ion: 128 Resp: 4315
 Ion Ratio Lower Upper
 128 100
 127 7.4 10.2 15.2#
 129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.46 ug/l
 RT: 15.267 min Scan# 5050
 Delta R.T. 0.019 min
 Lab File: VN066859.D
 Acq: 29 Apr 2021 14:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1193
Ion Ratio	Lower	Upper	
180	100		
182	84.5	47.4	142.3
145	28.1	16.5	49.5

