

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066869.D
 Acq On : 29 Apr 2021 18:03
 Operator : JC/MD
 Sample : M2137-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:16:07 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)

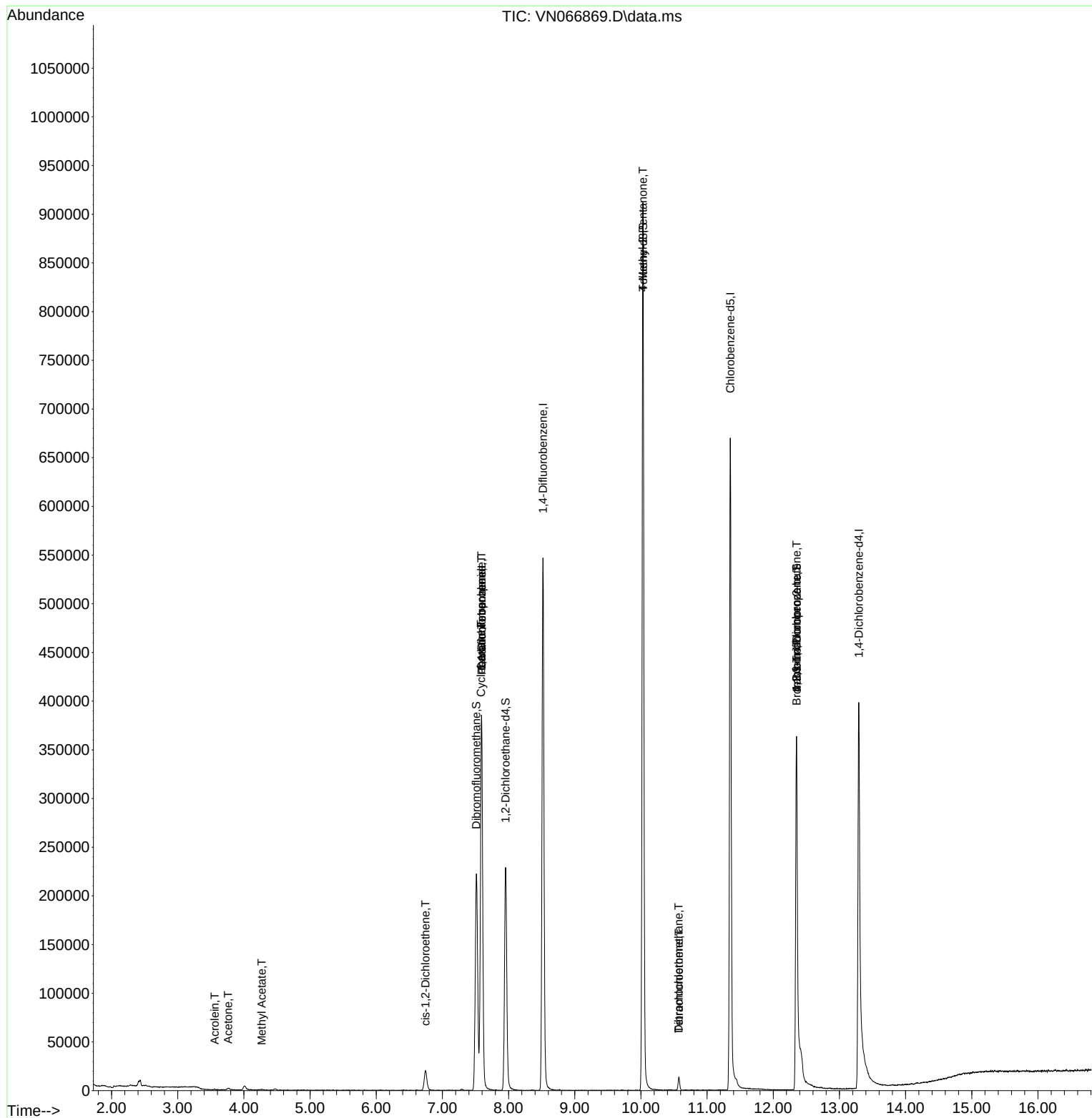
Internal Standards						
1) Pentafluorobenzene	7.594	168	345061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	525873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	448180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	185687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	199195	44.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.86%		
35) Dibromofluoromethane	7.513	113	179338	55.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	110.50%		
50) Toluene-d8	10.031	98	657009	51.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.12%		
62) 4-Bromofluorobenzene	12.351	95	160436	37.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	74.42%		
Target Compounds						
					Qvalue	
13) Acrolein	3.557	56	431	0.75	ug/l #	66
16) Acetone	3.761	43	3353	2.00	ug/l	96
18) Methyl Acetate	4.271	43	1741	1.49	ug/l #	63
27) cis-1,2-Dichloroethene	6.743	96	14638	3.41	ug/l	92
31) Cyclohexane	7.586	56	5445	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	22236	4.55	ug/l #	48
38) Carbon Tetrachloride	7.591	117	28889	6.17	ug/l #	17
51) 4-Methyl-2-Pentanone	10.029	43	2214	0.49	ug/l #	1
60) Dibromochloromethane	10.571	129	3118	0.82	ug/l #	11
64) Tetrachloroethene	10.573	164	3387	1.14	ug/l	91
71) Bromoform	12.354	173	977	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.351	75	71113	18.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.351	75	71113	50.67	ug/l #	12

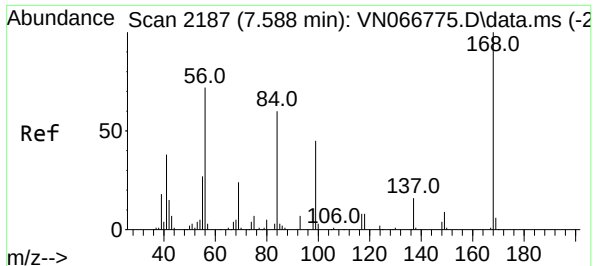
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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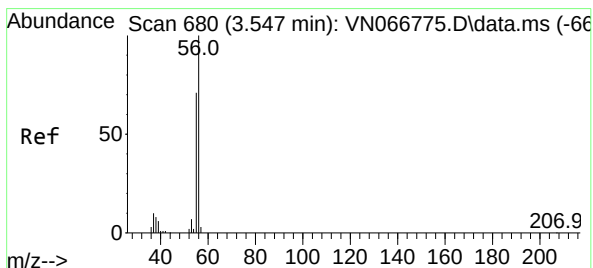
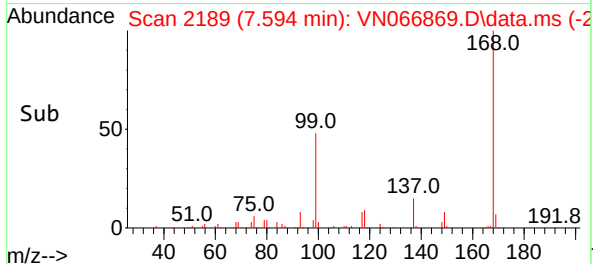
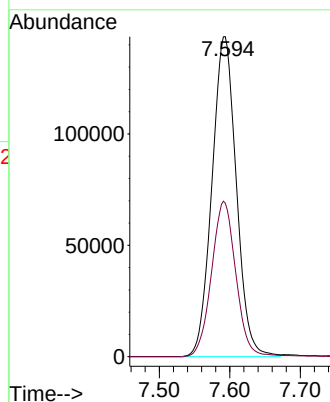
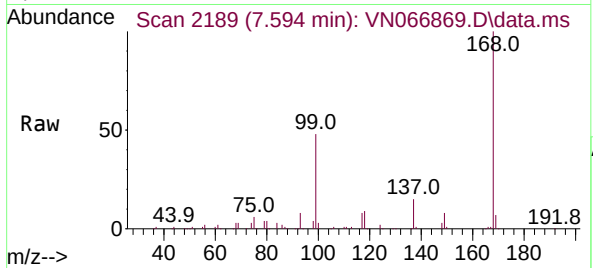




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

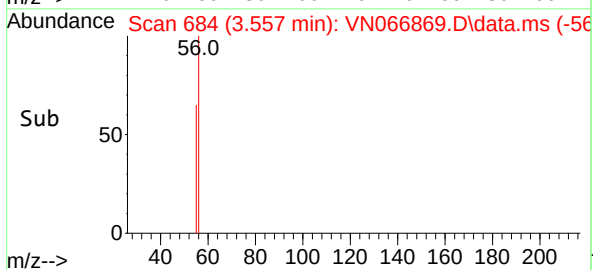
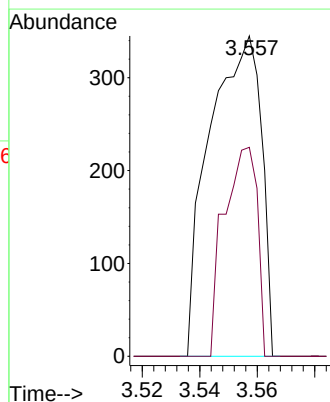
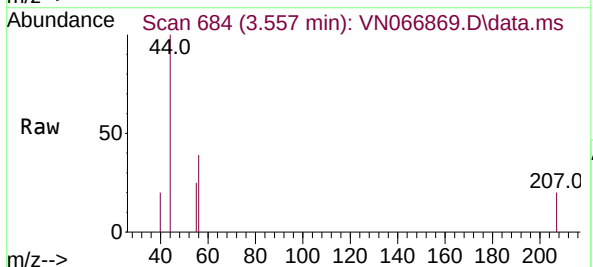
Instrument :
MSVOA_N
ClientSampled :

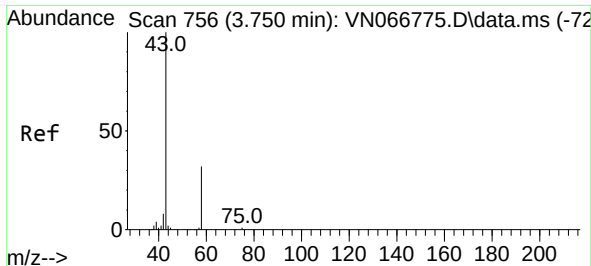
Tgt Ion:168 Resp: 345061
Ion Ratio Lower Upper
168 100
99 48.0 42.6 63.8



#13
Acrolein
Concen: 0.75 ug/l
RT: 3.557 min Scan# 684
Delta R.T. 0.010 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

Tgt Ion: 56 Resp: 431
Ion Ratio Lower Upper
56 100
55 41.8 56.0 84.0#

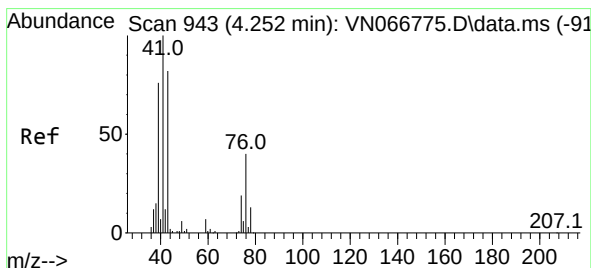
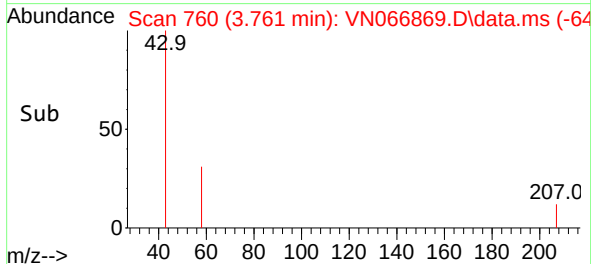
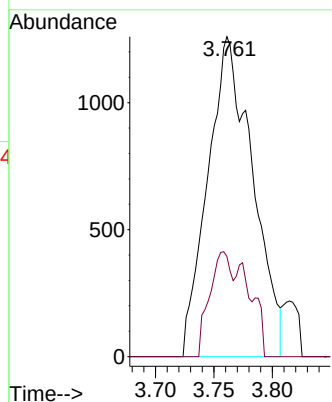
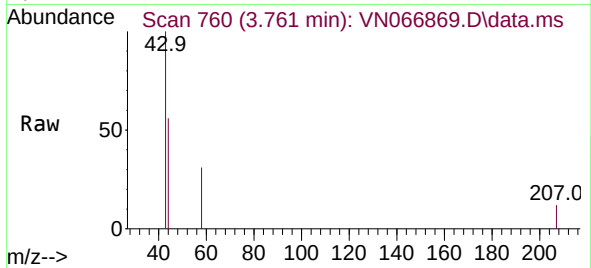




#16
Acetone
Concen: 2.00 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

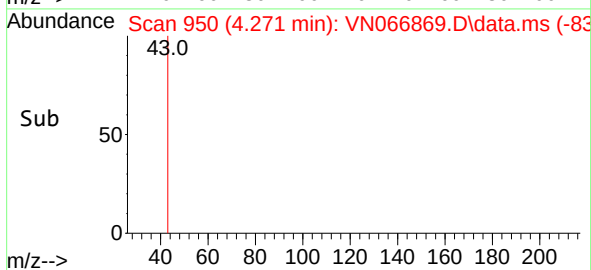
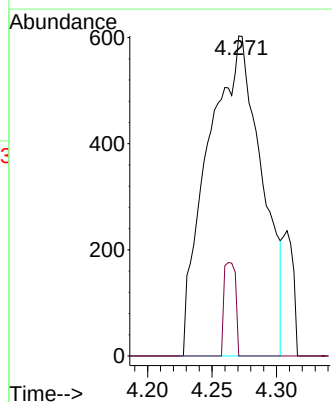
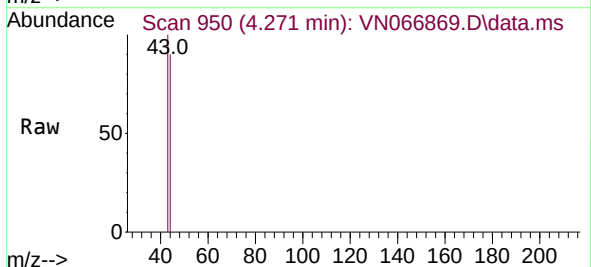
Instrument :
MSVOA_N
ClientSampled :

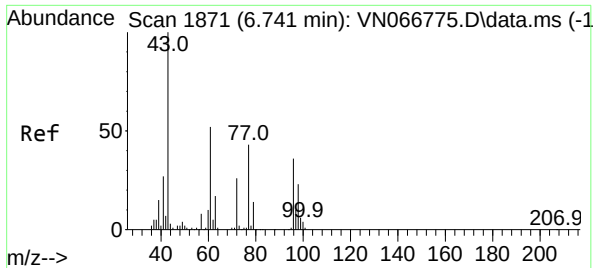
Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.6



#18
Methyl Acetate
Concen: 1.49 ug/l
RT: 4.271 min Scan# 950
Delta R.T. 0.019 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

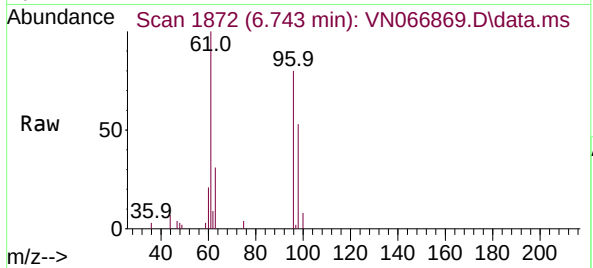
Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
74 6.3 19.5 29.3#



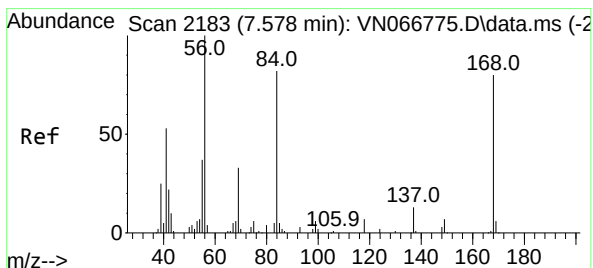
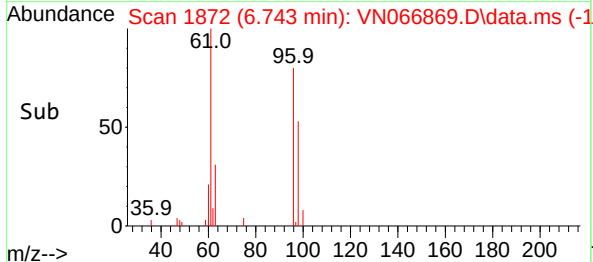
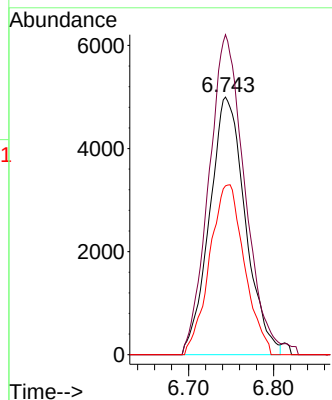


#27
 cis-1,2-Dichloroethene
 Concen: 3.41 ug/l
 RT: 6.743 min Scan# 1872
 Delta R.T. 0.002 min
 Lab File: VN066869.D
 Acq: 29 Apr 2021 18:03

Instrument :
 MSVOA_N
 ClientSampled :

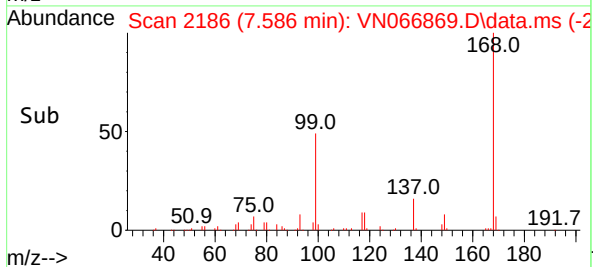
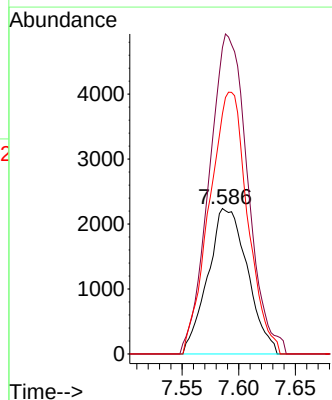
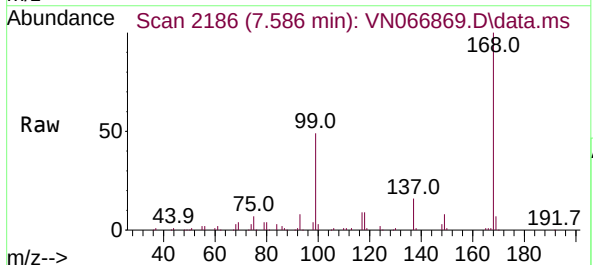


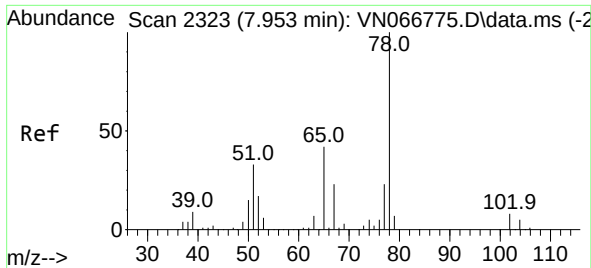
Tgt Ion:	96	Resp:	14638
Ion	Ratio	Lower	Upper
96	100		
61	125.4	0.0	276.8
98	64.2	0.0	129.4



#31
 Cyclohexane
 Concen: 0.79 ug/l
 RT: 7.586 min Scan# 2186
 Delta R.T. 0.008 min
 Lab File: VN066869.D
 Acq: 29 Apr 2021 18:03

Tgt Ion:	56	Resp:	5445
Ion	Ratio	Lower	Upper
56	100		
69	210.7	26.6	39.8#
84	165.1	70.4	105.6#



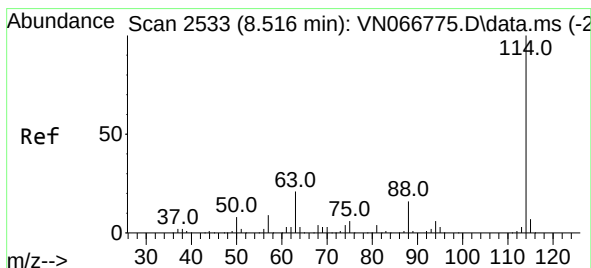
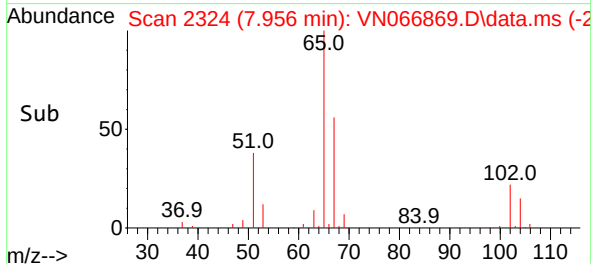
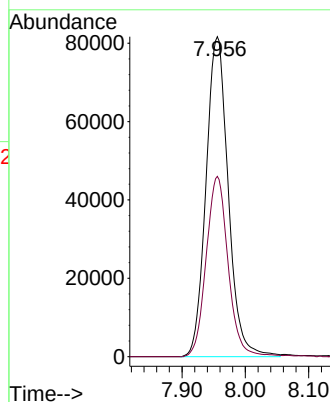
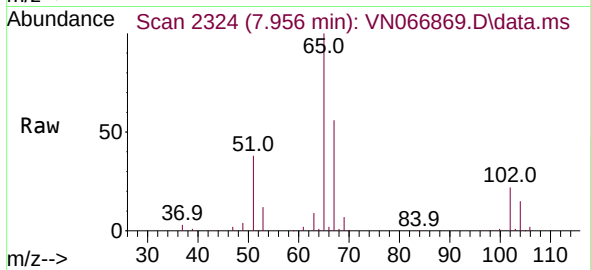


#33

1,2-Dichloroethane-d4
Concen: 44.93 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

Instrument :
MSVOA_N
ClientSampled :

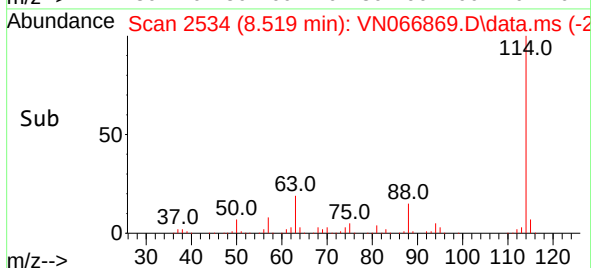
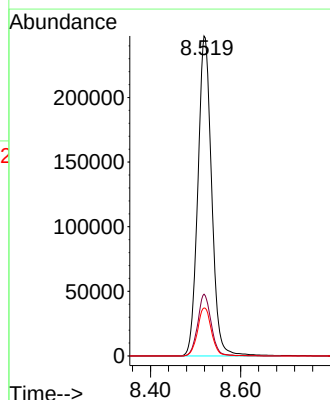
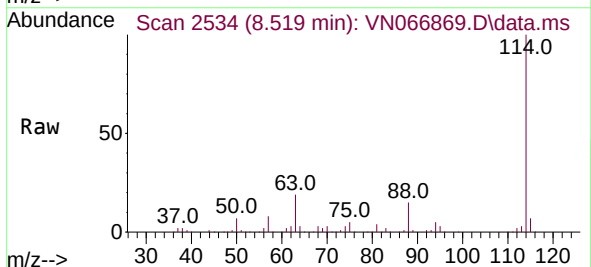
Tgt Ion: 65 Resp: 199195
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2

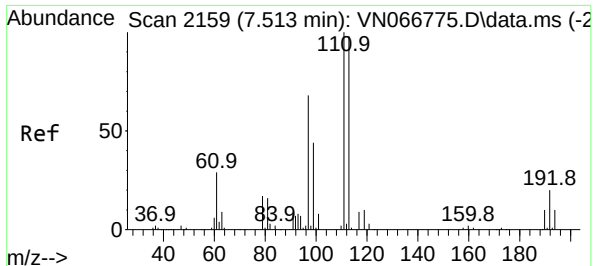


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

Tgt Ion: 114 Resp: 525873
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.0 0.0 30.6

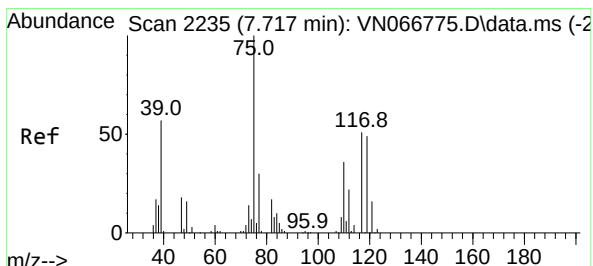
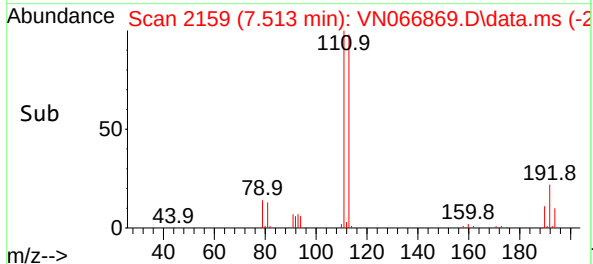
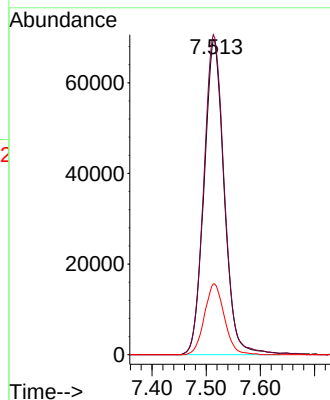
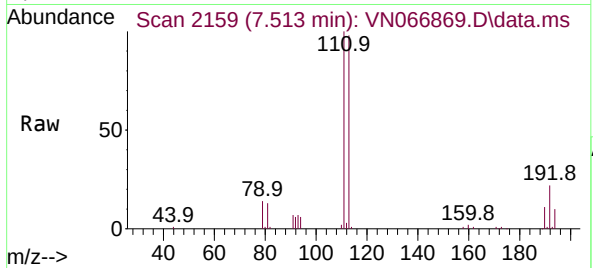




#35
Dibromofluoromethane
Concen: 55.25 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

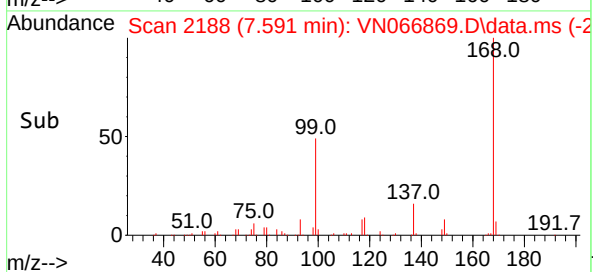
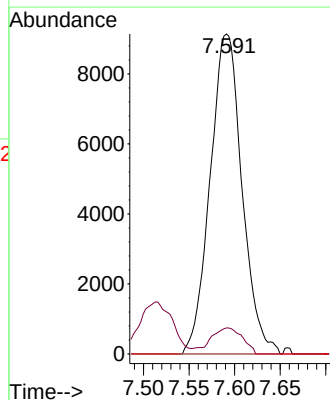
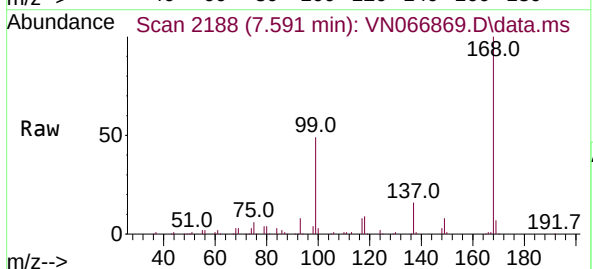
Instrument :
MSVOA_N
ClientSampled :

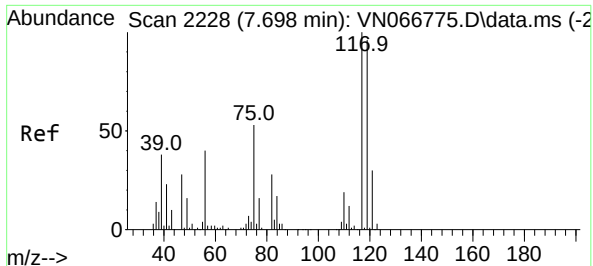
Tgt Ion:113 Resp: 179338
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 22.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

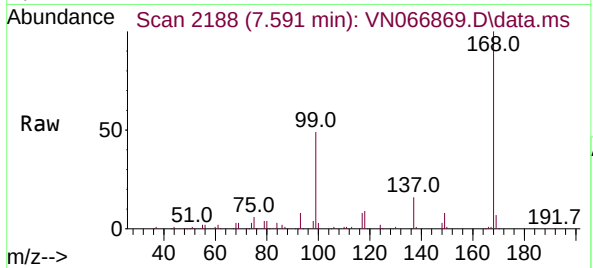
Tgt Ion: 75 Resp: 22236
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#



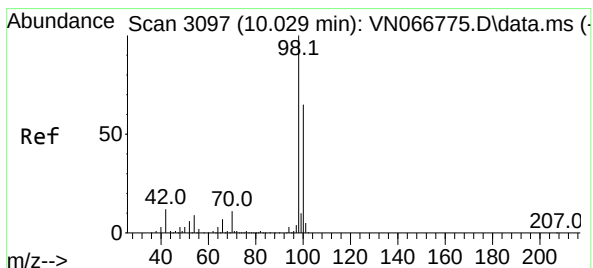
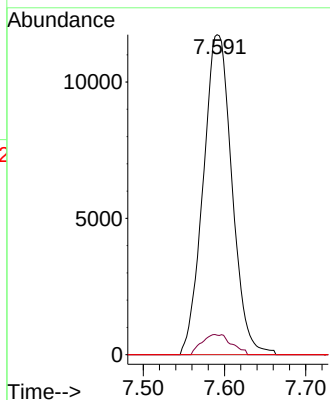
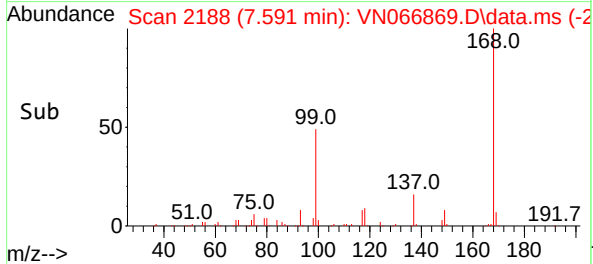


#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

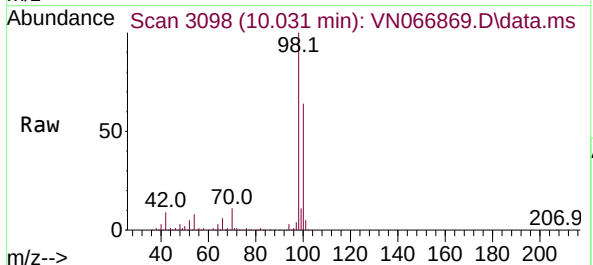
Instrument :
MSVOA_N
ClientSampled :



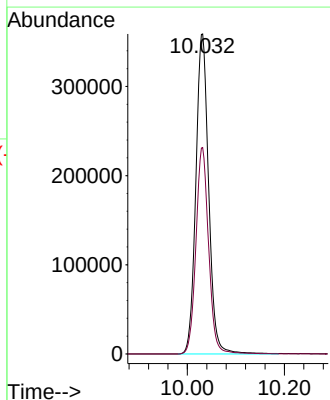
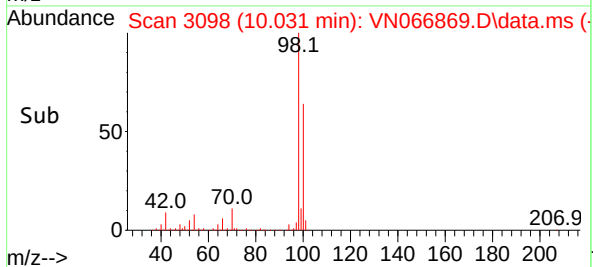
Tgt Ion:117 Resp: 28889
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

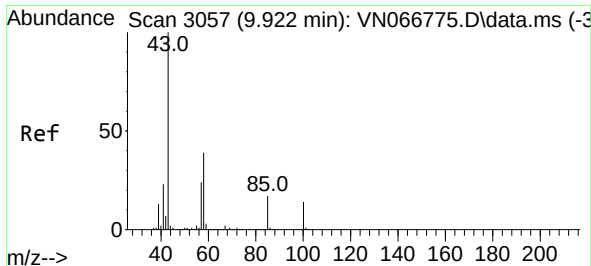


#50
Toluene-d8
Concen: 51.56 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03



Tgt Ion: 98 Resp: 657009
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

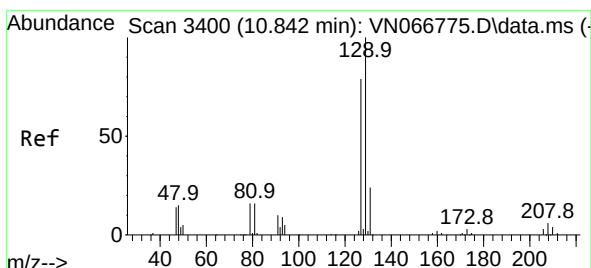
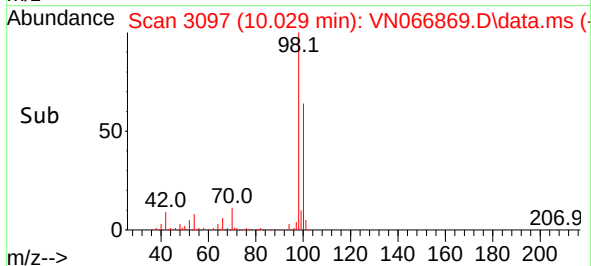
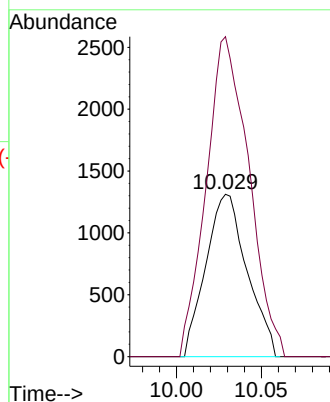
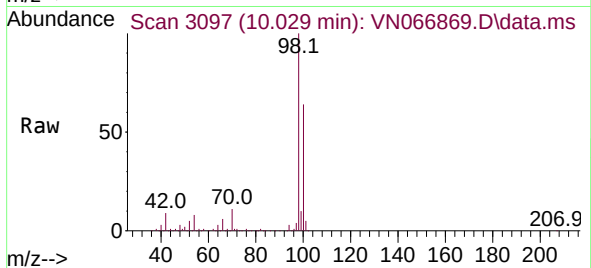




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

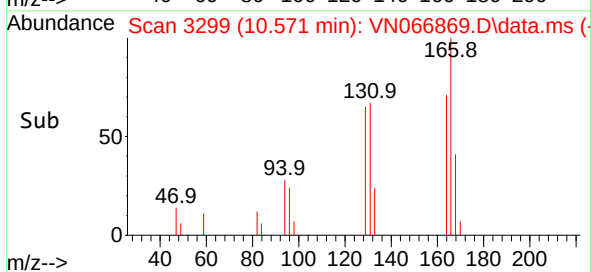
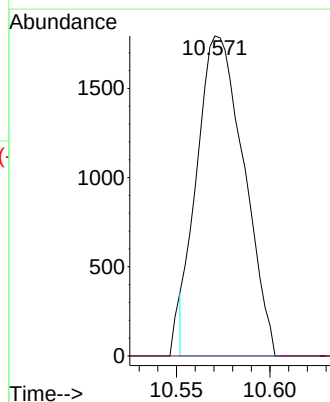
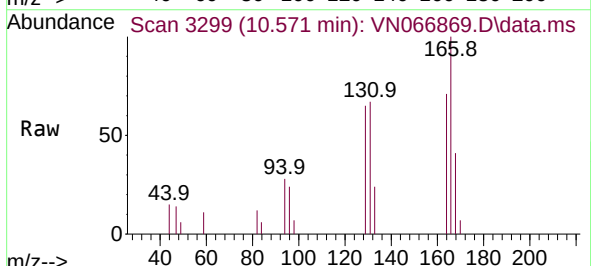
Instrument :
MSVOA_N
ClientSampled :

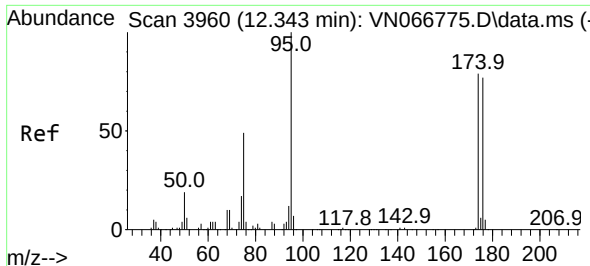
Tgt Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
58 203.7 32.5 48.7#



#60
Dibromochloromethane
Concen: 0.82 ug/l
RT: 10.571 min Scan# 3299
Delta R.T. -0.271 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

Tgt Ion: 129 Resp: 3118
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

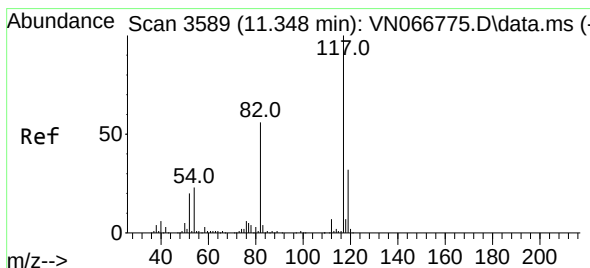
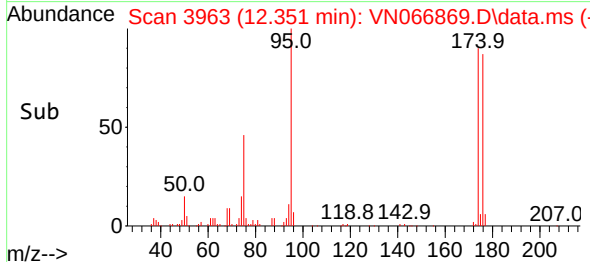
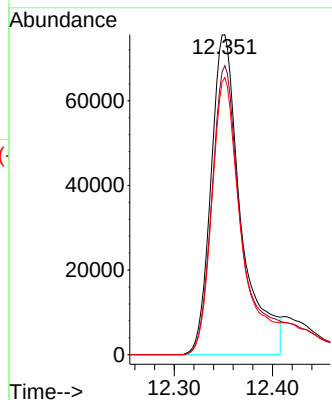
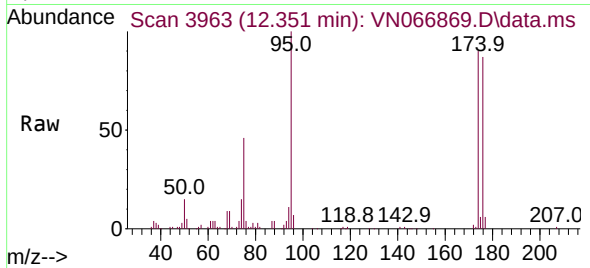




#62
4-Bromofluorobenzene
Concen: 37.21 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

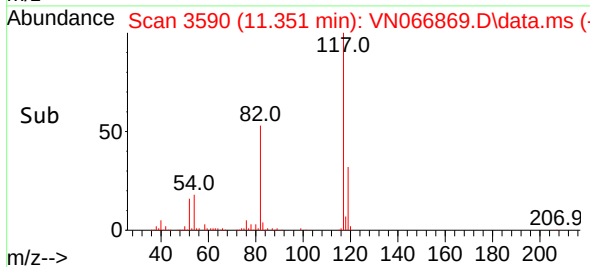
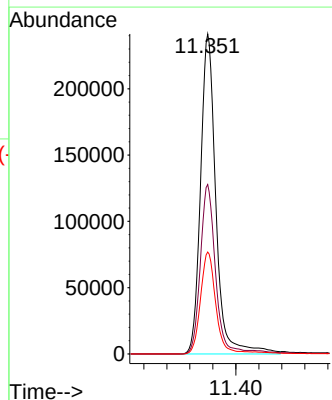
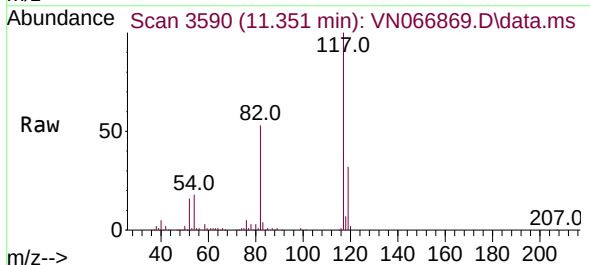
Instrument :
MSVOA_N
ClientSampleId :

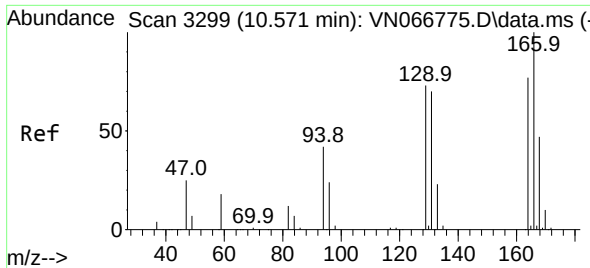
Tgt Ion: 95 Resp: 160436
Ion Ratio Lower Upper
95 100
174 101.6 0.0 169.0
176 99.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

Tgt Ion: 117 Resp: 448180
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 31.9 26.1 39.1

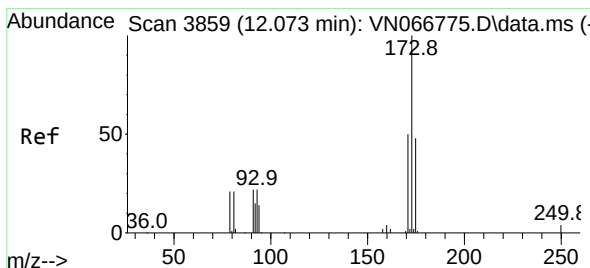
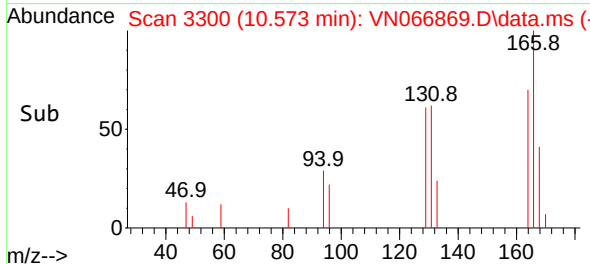
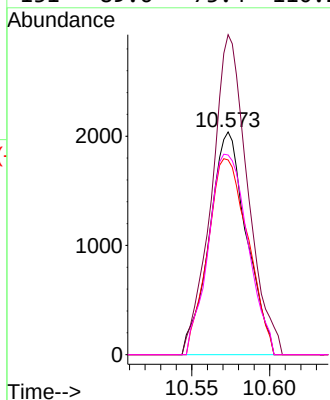
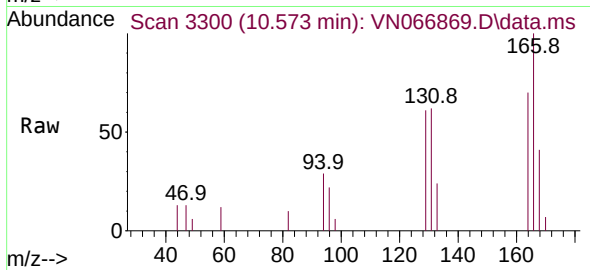




#64
Tetrachloroethene
Concen: 1.14 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

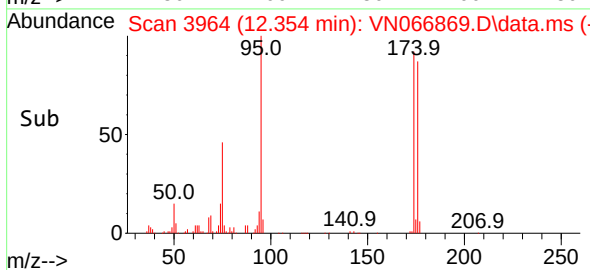
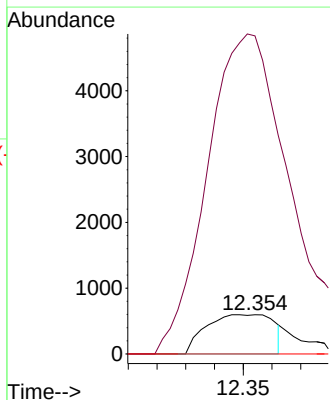
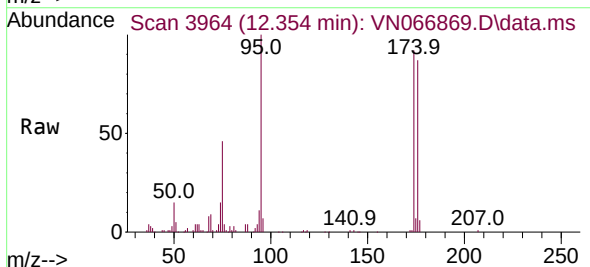
Instrument :
MSVOA_N
ClientSampled :

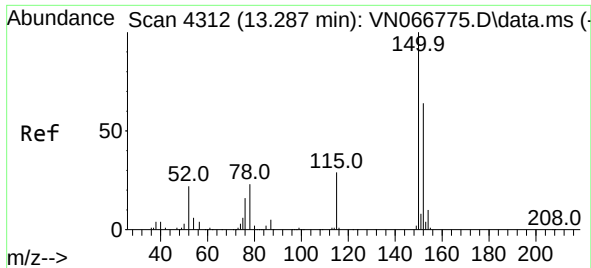
Tgt Ion:164 Resp: 3387
Ion Ratio Lower Upper
164 100
166 143.6 102.6 154.0
129 87.4 76.2 114.4
131 89.6 73.4 110.2



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.354 min Scan# 3964
Delta R.T. 0.281 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

Tgt Ion:173 Resp: 977
Ion Ratio Lower Upper
173 100
175 784.9 23.8 71.2#
254 0.0 0.0 0.0

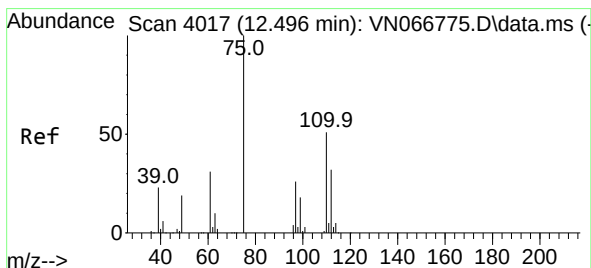
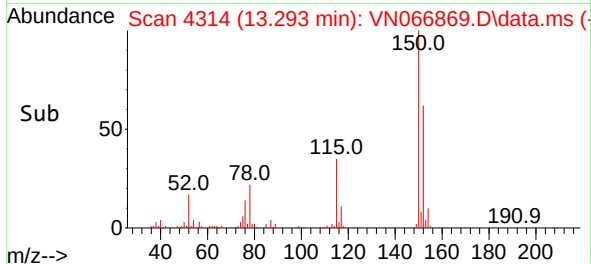
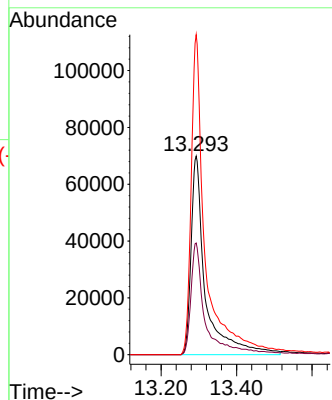
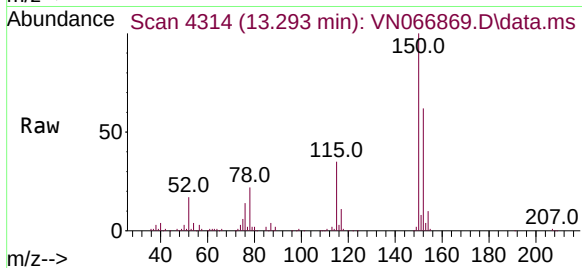




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

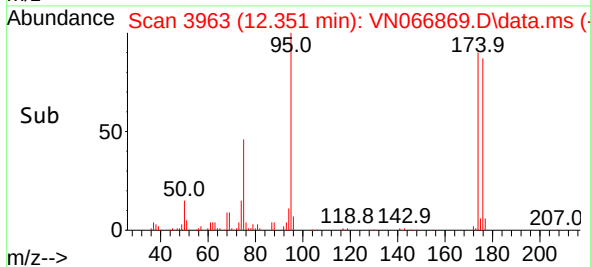
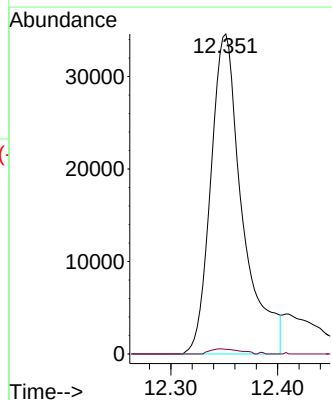
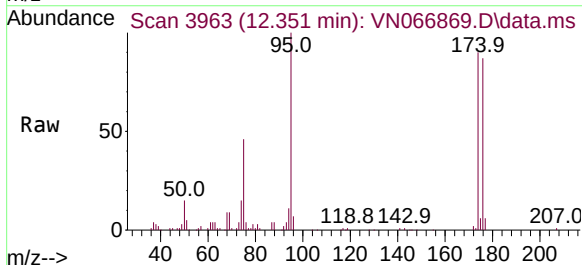
Instrument :
MSVOA_N
ClientSampled :

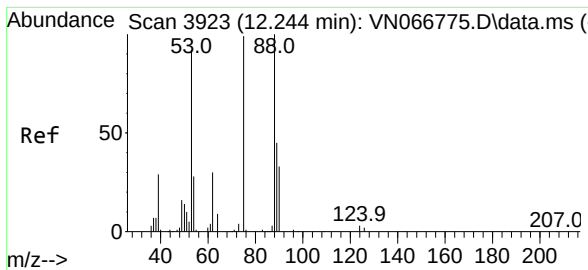
Tgt Ion:152 Resp: 185687
Ion Ratio Lower Upper
152 100
115 52.6 28.5 85.6
150 155.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 18.17 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. -0.145 min
Lab File: VN066869.D
Acq: 29 Apr 2021 18:03

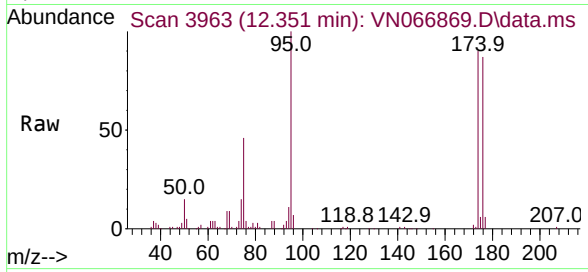
Tgt Ion: 75 Resp: 71113
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.67 ug/l
 RT: 12.351 min Scan# 3963
 Delta R.T. 0.107 min
 Lab File: VN066869.D
 Acq: 29 Apr 2021 18:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	71113
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

