

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066876.D
 Acq On : 29 Apr 2021 20:52
 Operator : JC/MD
 Sample : M2137-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:17:07 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)

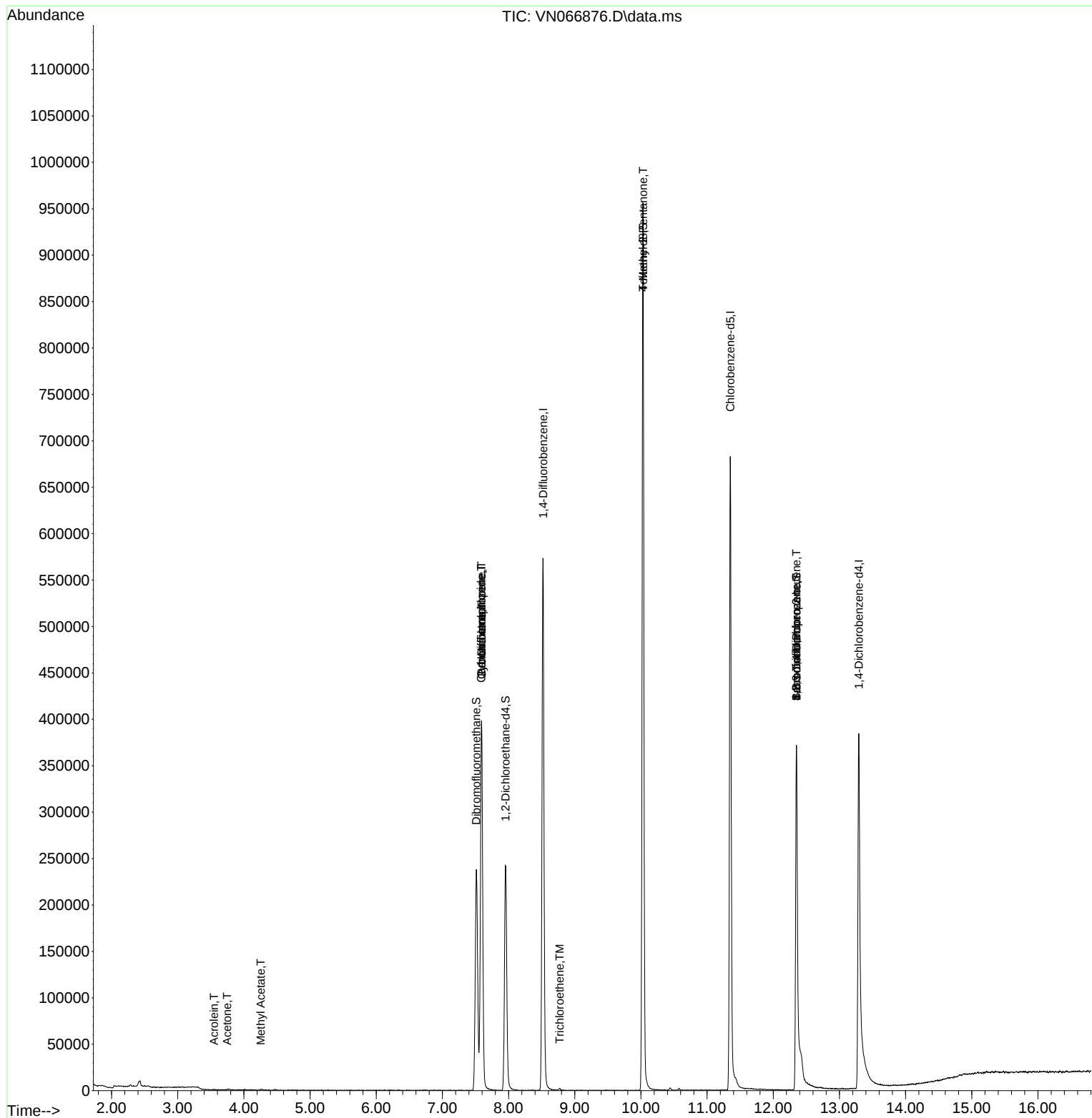
Internal Standards						
1) Pentafluorobenzene	7.591	168	357281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	546072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	454096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	179959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	212040	46.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.38%			
35) Dibromofluoromethane	7.513	113	190722	56.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.16%			
50) Toluene-d8	10.032	98	692695	52.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.70%			
62) 4-Bromofluorobenzene	12.349	95	187365	41.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 83.70%			
Target Compounds						Qvalue
13) Acrolein	3.547	56	183	0.31	ug/l #	49
16) Acetone	3.748	43	371	0.21	ug/l #	41
18) Methyl Acetate	4.252	43	592	1.24	ug/l #	81
31) Cyclohexane	7.594	56	5475	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	22652	4.46	ug/l #	48
38) Carbon Tetrachloride	7.588	117	29947	6.15	ug/l #	18
44) Trichloroethene	8.771	130	846	0.22	ug/l	92
51) 4-Methyl-2-Pentanone	10.032	43	2307	0.50	ug/l #	1
71) Bromoform	12.349	173	1053	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	72212	19.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	72212	52.75	ug/l #	12

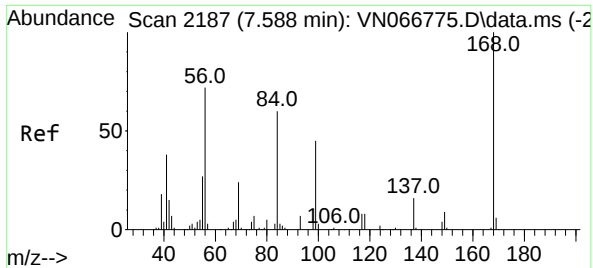
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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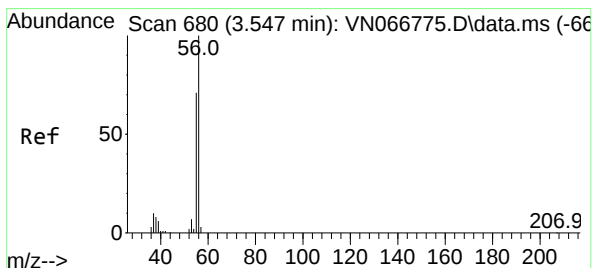
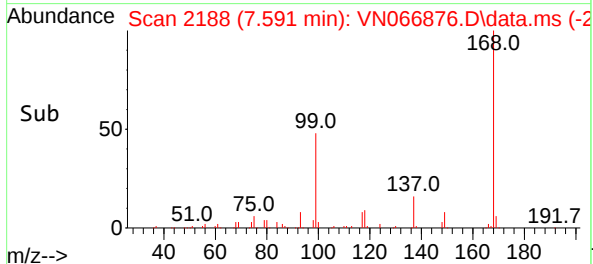
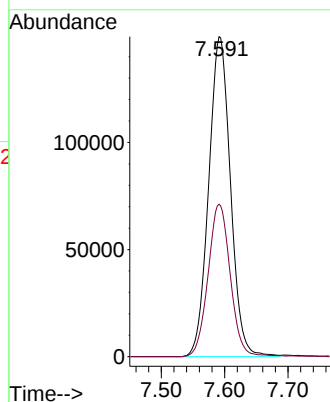
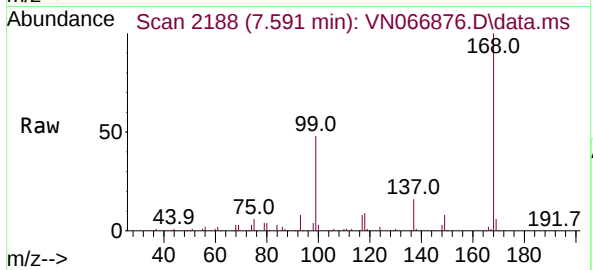




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

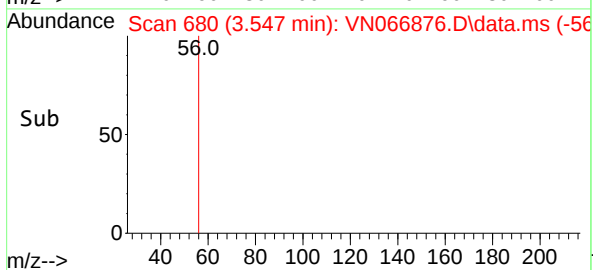
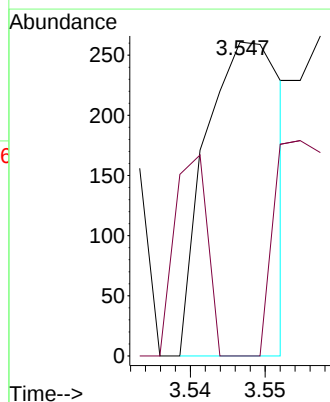
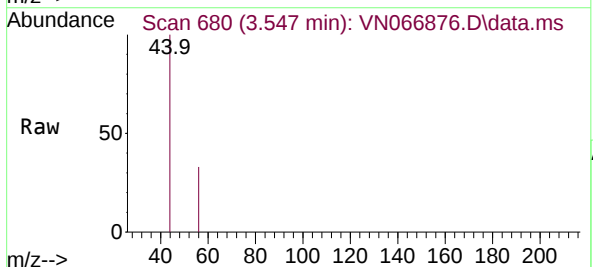
Instrument :
MSVOA_N
ClientSampled :

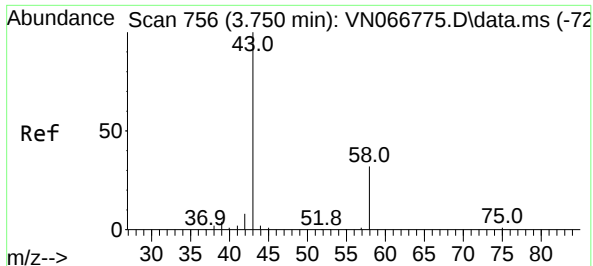
Tgt Ion:168 Resp: 357281
Ion Ratio Lower Upper
168 100
99 47.7 42.6 63.8



#13
Acrolein
Concen: 0.31 ug/l
RT: 3.547 min Scan# 680
Delta R.T. -0.000 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 27.9 56.0 84.0#

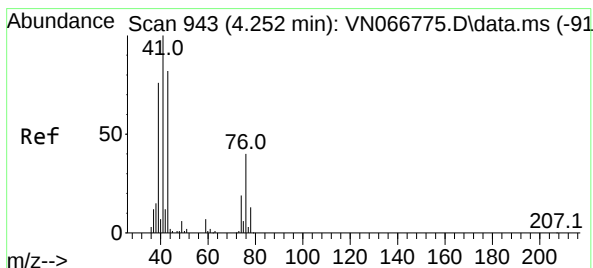
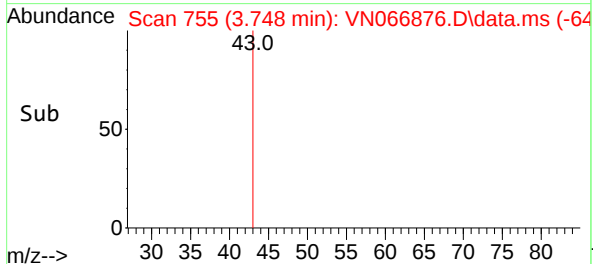
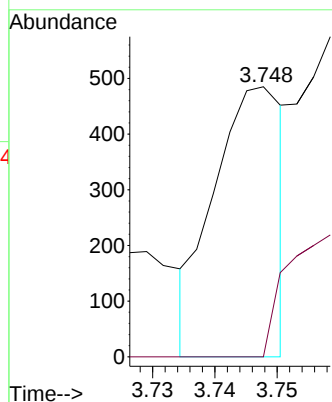
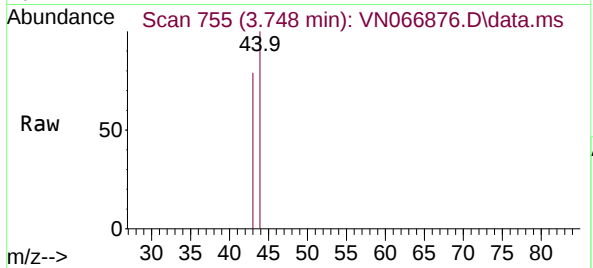




#16
Acetone
Concen: 0.21 ug/l
RT: 3.748 min Scan# 755
Delta R.T. -0.002 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

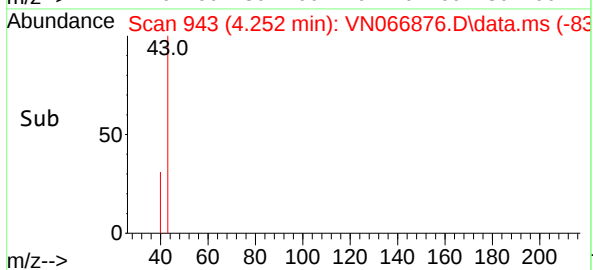
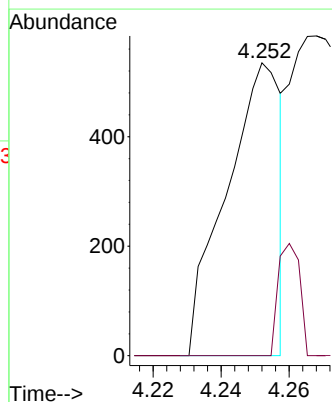
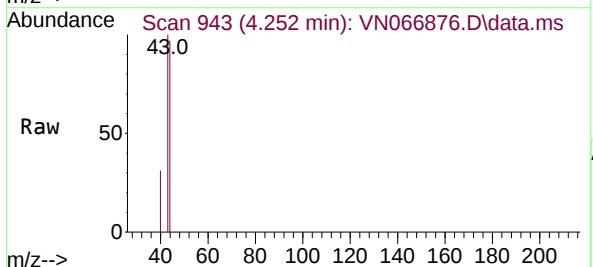
Instrument :
MSVOA_N
ClientSampleId :

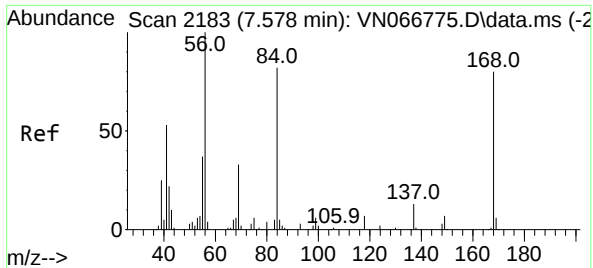
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#18
Methyl Acetate
Concen: 1.24 ug/l
RT: 4.252 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
74 15.2 19.5 29.3#

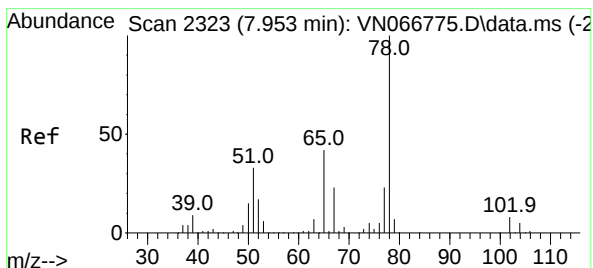
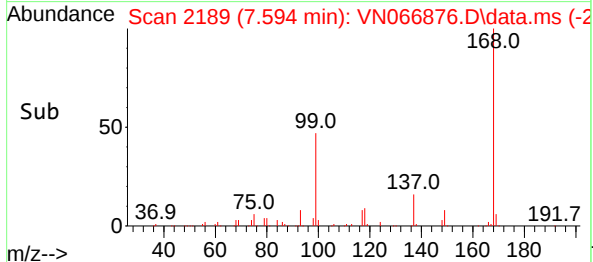
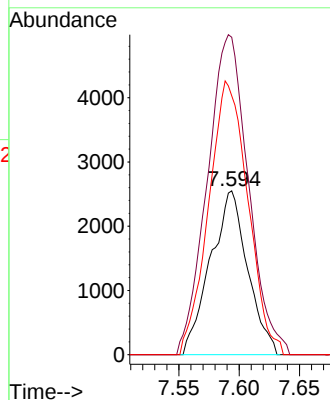
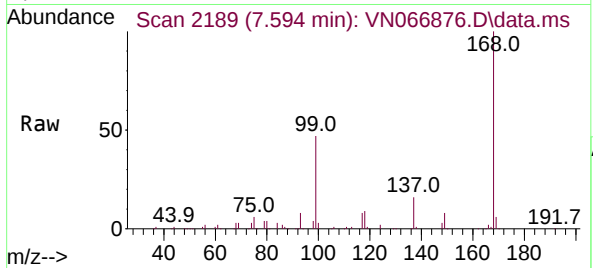




#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

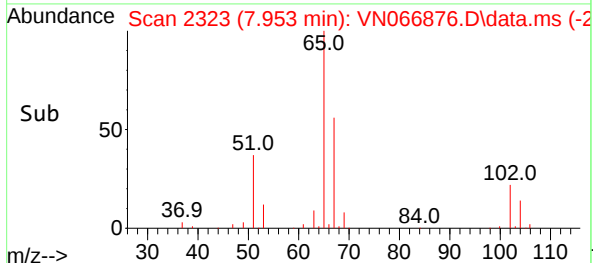
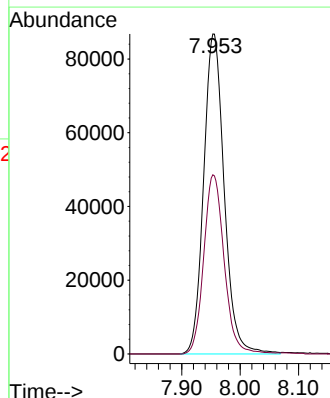
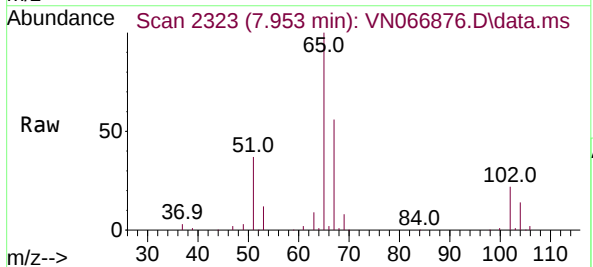
Instrument :
MSVOA_N
ClientSampled :

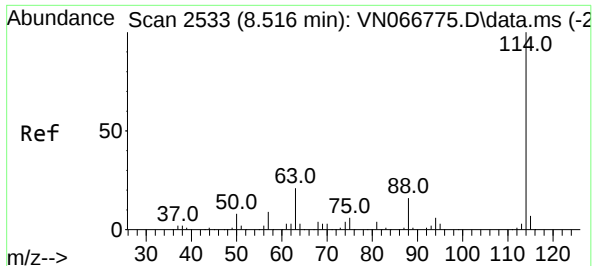
Tgt Ion: 56 Resp: 5475
Ion Ratio Lower Upper
56 100
69 185.8 26.6 39.8#
84 158.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.19 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

Tgt Ion: 65 Resp: 212040
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2

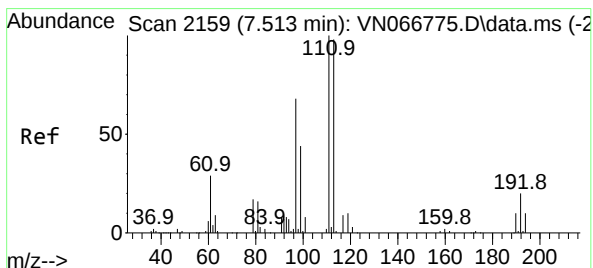
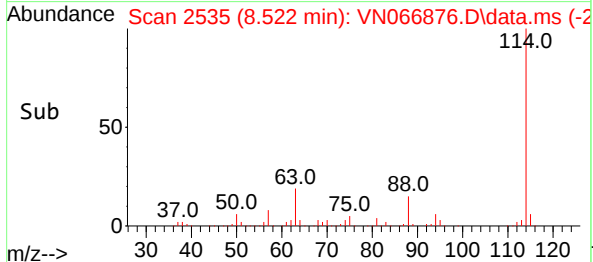
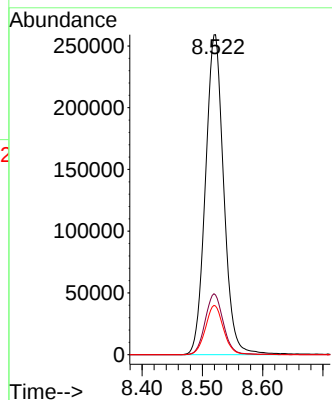
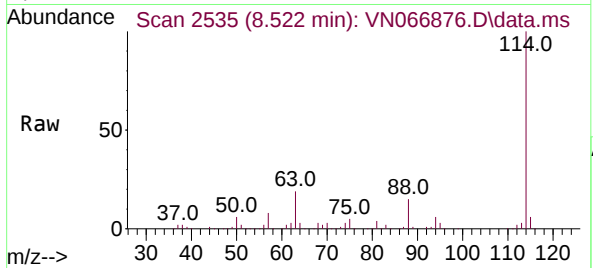




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2535
Delta R.T. 0.006 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

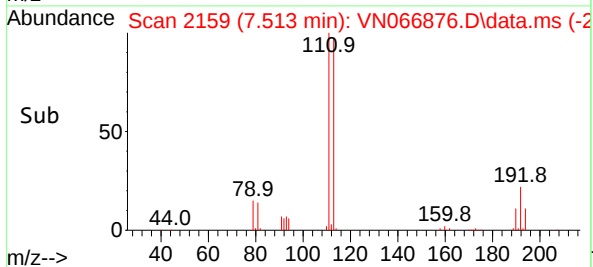
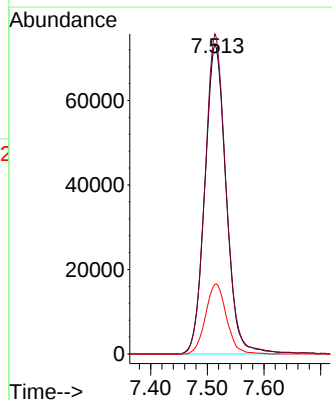
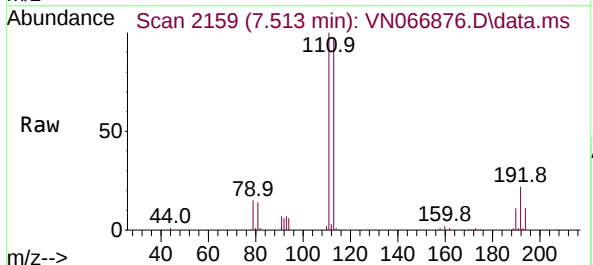
Instrument :
MSVOA_N
ClientSampled :

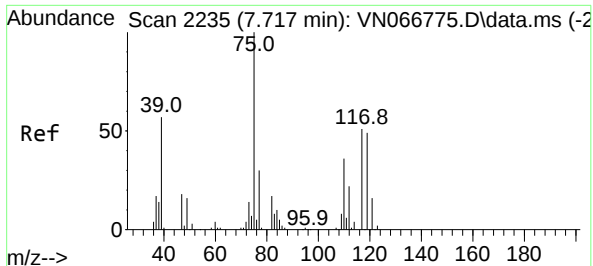
Tgt Ion:114 Resp: 546072
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.6
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.58 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

Tgt Ion:113 Resp: 190722
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 22.3 15.4 23.0



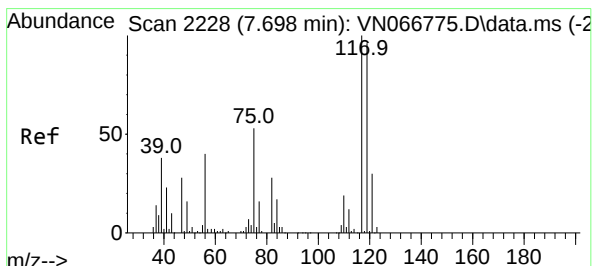
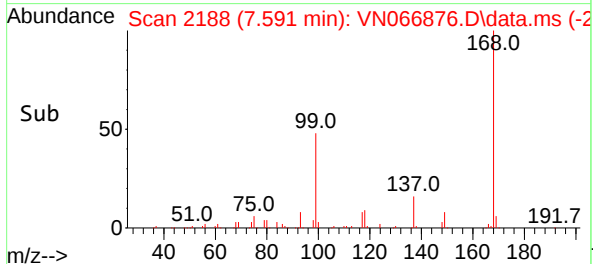
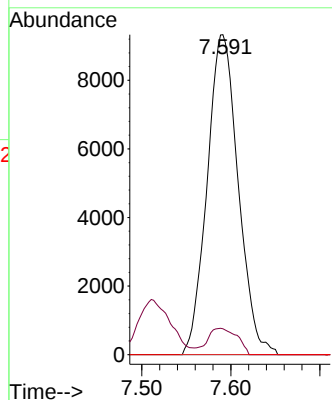
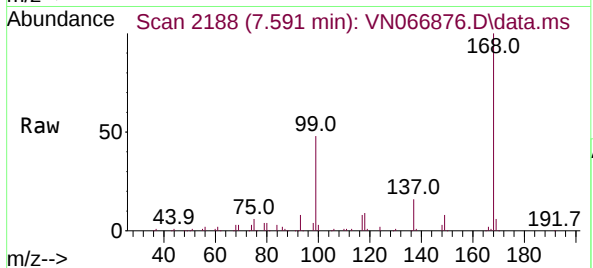


#36

1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

Instrument :
MSVOA_N
ClientSampled :

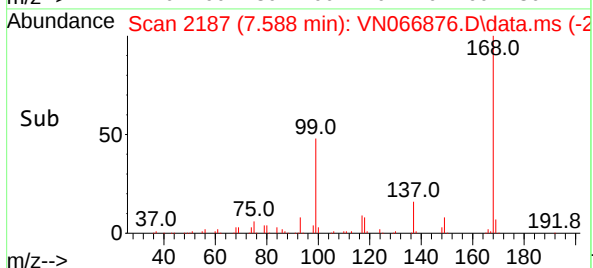
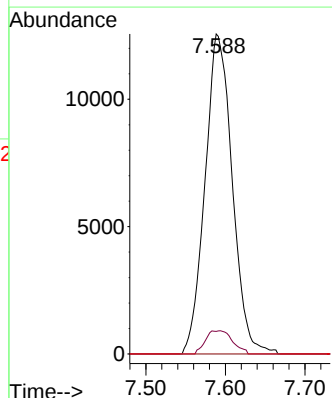
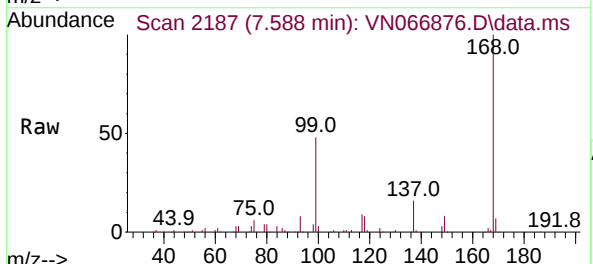
Tgt Ion: 75 Resp: 22652
Ion Ratio Lower Upper
75 100
110 7.8 18.2 54.6#
77 0.0 24.9 37.3#

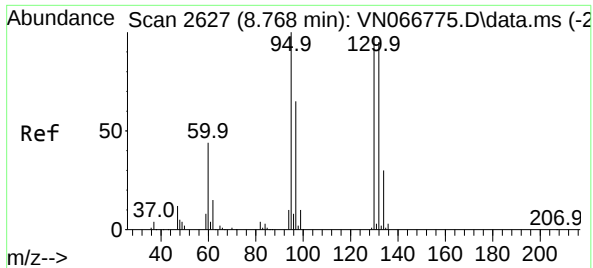


#38

Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

Tgt Ion: 117 Resp: 29947
Ion Ratio Lower Upper
117 100
119 7.0 76.0 114.0#
121 0.0 24.5 36.7#

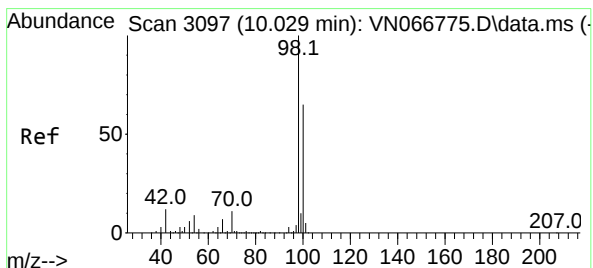
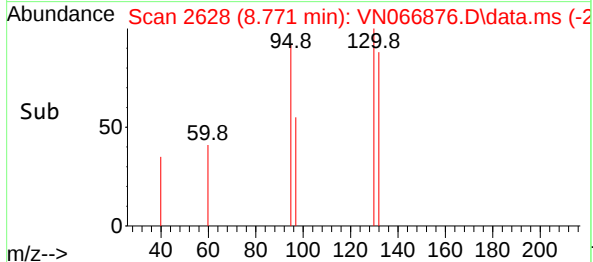
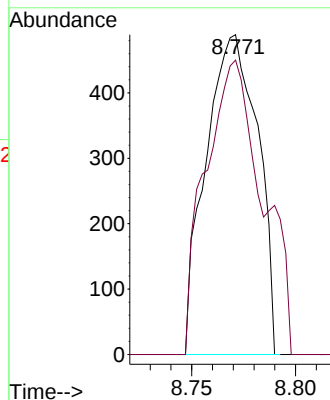
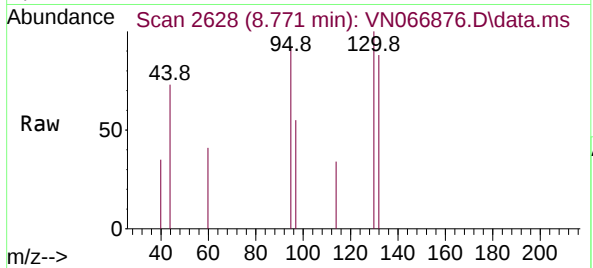




#44
Trichloroethene
Concen: 0.22 ug/l
RT: 8.771 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

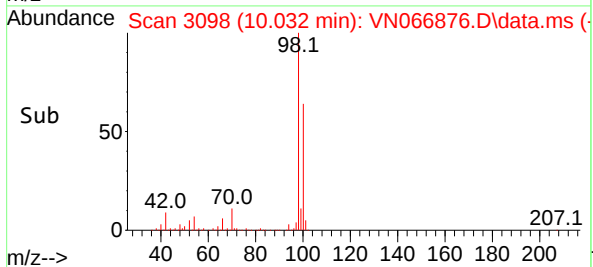
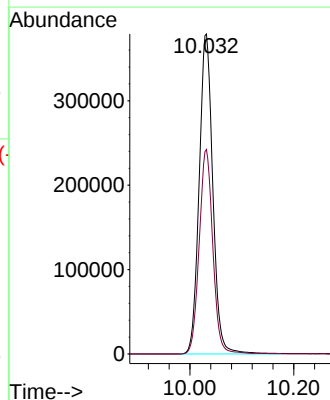
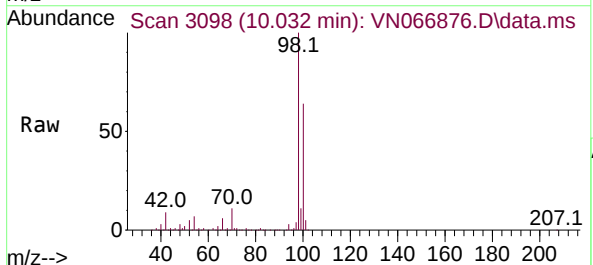
Instrument :
MSVOA_N
ClientSampled :

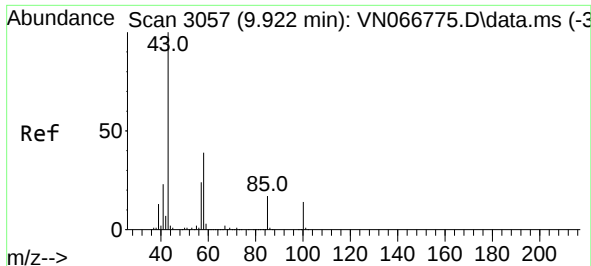
Tgt Ion:130 Resp: 846
Ion Ratio Lower Upper
130 100
95 92.0 0.0 199.6



#50
Toluene-d8
Concen: 52.35 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

Tgt Ion: 98 Resp: 692695
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

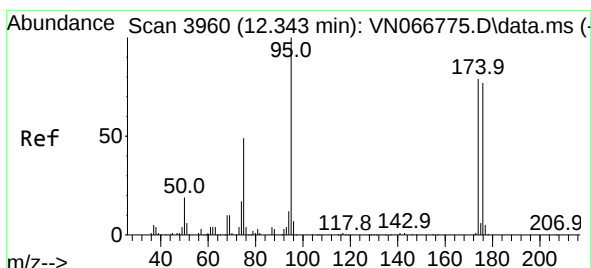
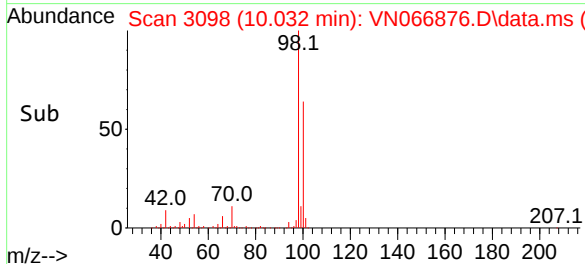
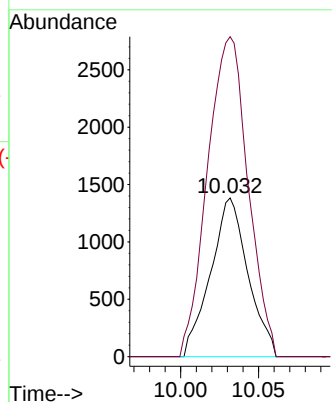
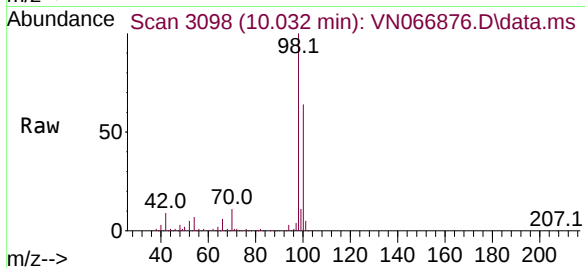




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

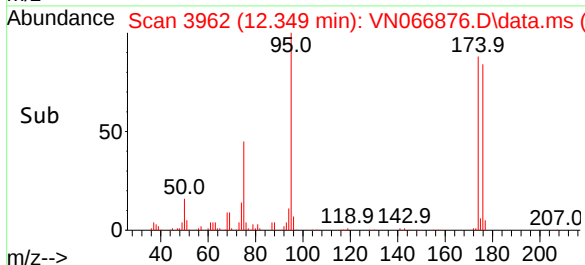
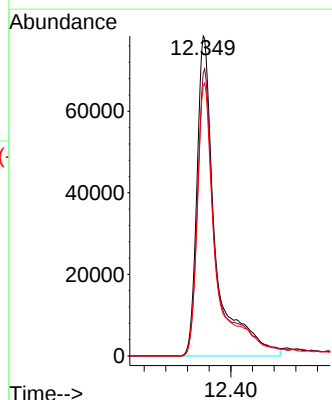
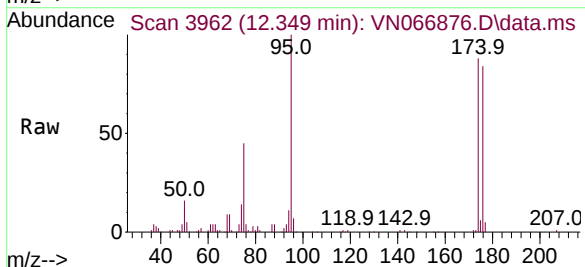
Instrument :
MSVOA_N
ClientSampled :

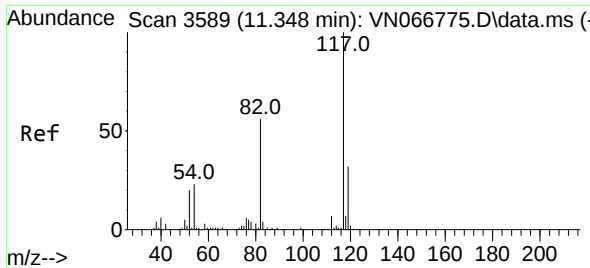
Tgt Ion: 43 Resp: 2307
Ion Ratio Lower Upper
43 100
58 218.5 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 41.85 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

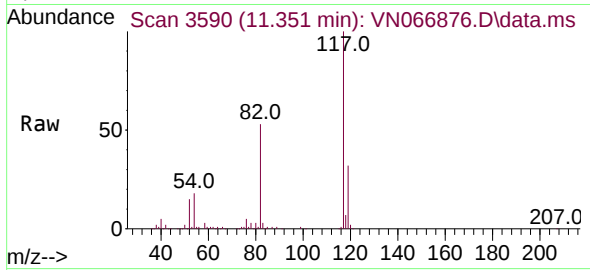
Tgt Ion: 95 Resp: 187365
Ion Ratio Lower Upper
95 100
174 90.8 0.0 169.0
176 86.7 0.0 162.4



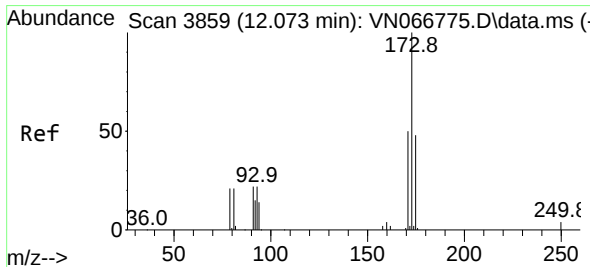
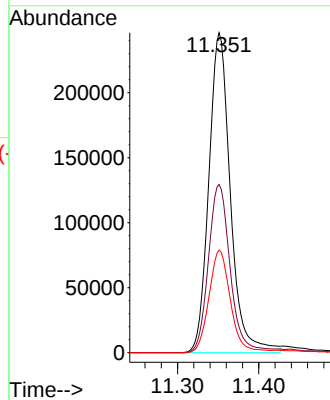
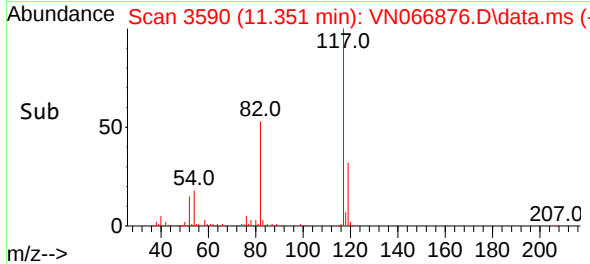


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

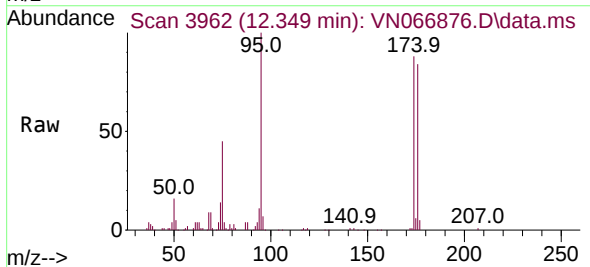
Instrument :
MSVOA_N
ClientSampled :



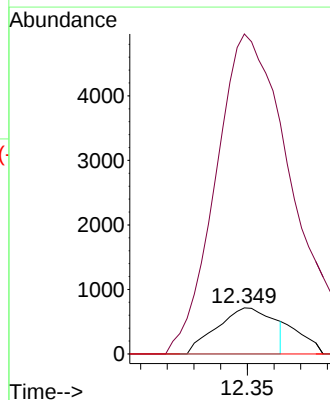
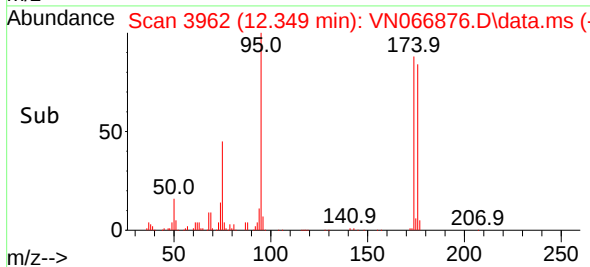
Tgt Ion:117 Resp: 454096
Ion Ratio Lower Upper
117 100
82 52.5 43.7 65.5
119 32.1 26.1 39.1

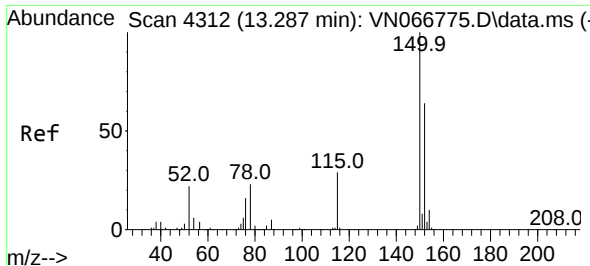


#71
Bromoform
Concen: 0.43 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52



Tgt Ion:173 Resp: 1053
Ion Ratio Lower Upper
173 100
175 718.7 23.8 71.2#
254 0.0 0.0 0.0

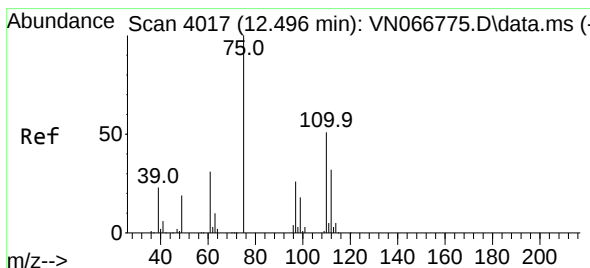
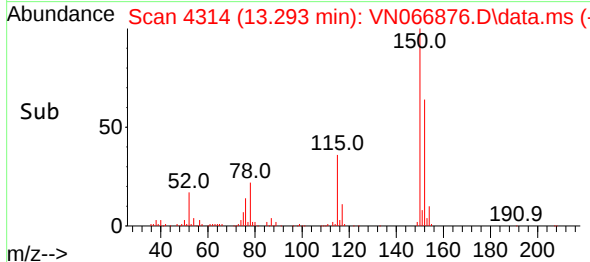
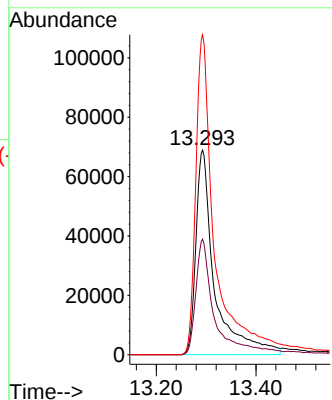
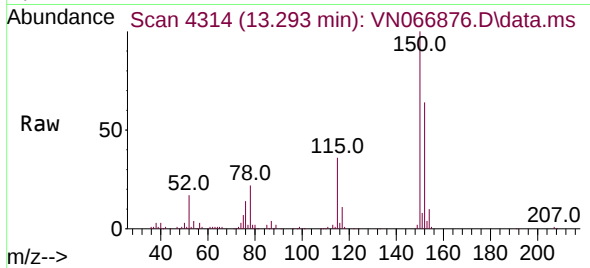




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

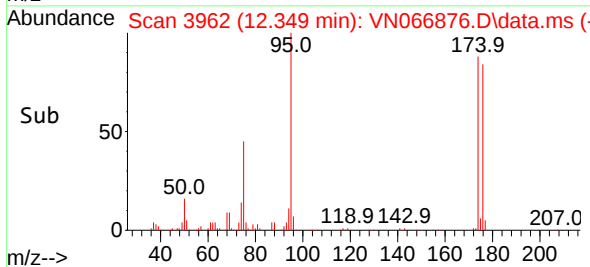
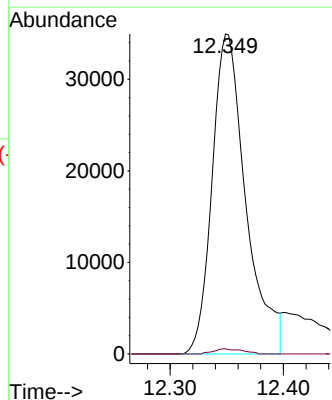
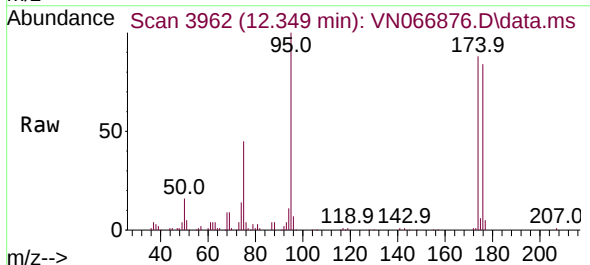
Instrument :
MSVOA_N
ClientSampled :

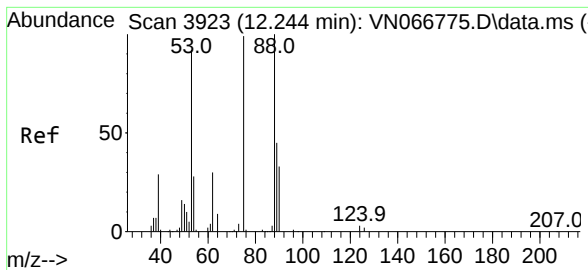
Tgt Ion:152 Resp: 179959
Ion Ratio Lower Upper
152 100
115 54.2 28.5 85.6
150 162.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 19.04 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066876.D
Acq: 29 Apr 2021 20:52

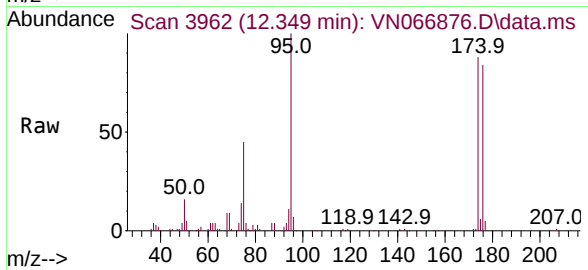
Tgt Ion: 75 Resp: 72212
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.75 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066876.D
 Acq: 29 Apr 2021 20:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	72212
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

