

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066861.D
 Acq On : 29 Apr 2021 14:58
 Operator : JC/MD
 Sample : M2173-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:15:01 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)

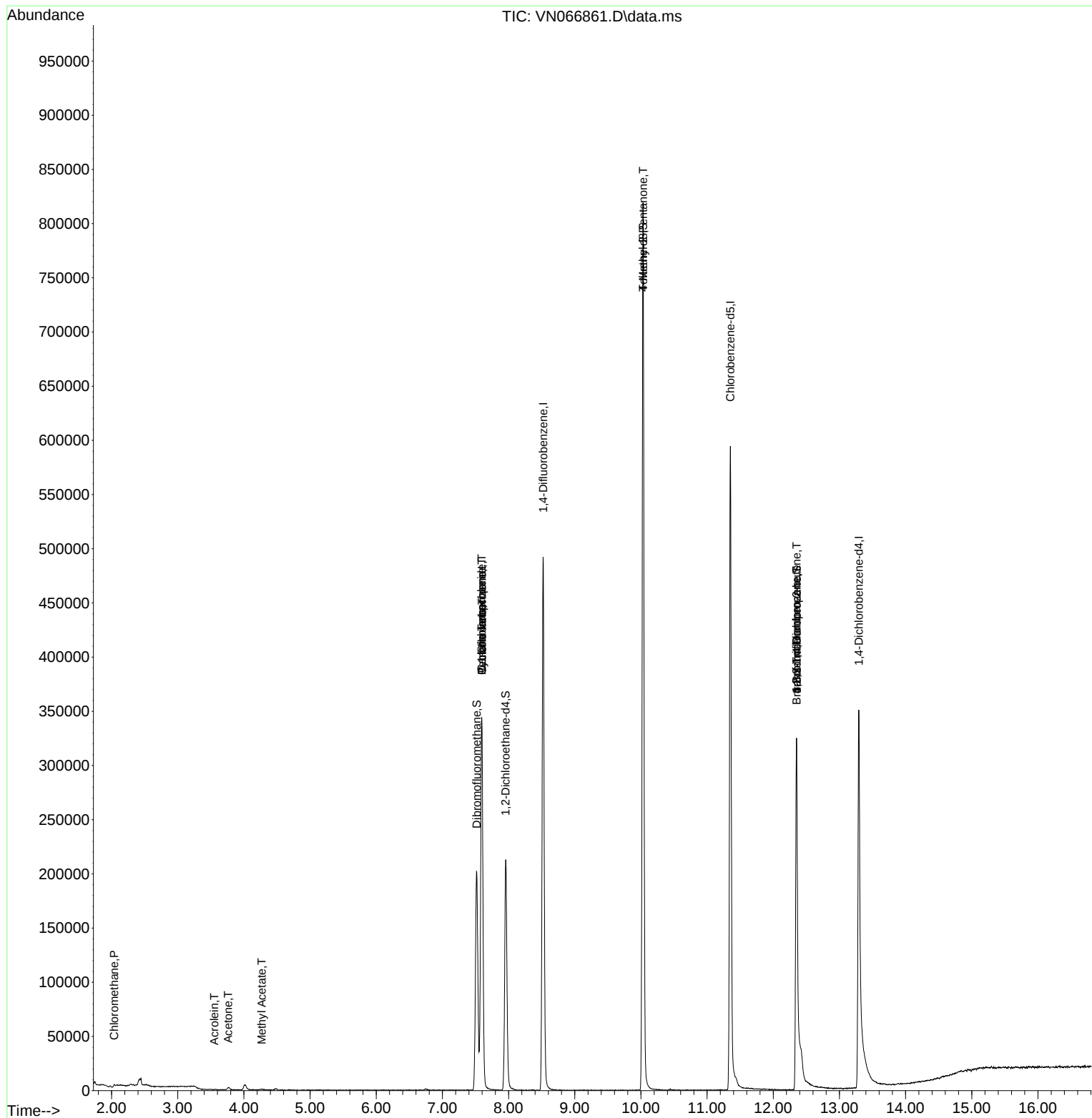
Internal Standards						
1) Pentafluorobenzene	7.596	168	309668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	470272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	397680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	159369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	181237	45.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.10%		
35) Dibromofluoromethane	7.519	113	162620	56.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	112.04%		
50) Toluene-d8	10.032	98	603644	52.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.96%		
62) 4-Bromofluorobenzene	12.352	95	166312	43.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.28%		
Target Compounds						Qvalue
3) Chloromethane	2.039	50	1315	0.30	ug/l	100
13) Acrolein	3.552	56	353	0.69	ug/l #	59
16) Acetone	3.761	43	3713	2.47	ug/l	88
18) Methyl Acetate	4.271	43	1550	1.49	ug/l #	51
31) Cyclohexane	7.596	56	4789	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	20072	4.59	ug/l #	43
38) Carbon Tetrachloride	7.594	117	25705	6.13	ug/l #	17
51) 4-Methyl-2-Pentanone	10.032	43	2093	0.52	ug/l #	1
71) Bromoform	12.354	173	911	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.352	75	63307	18.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.352	75	63307	52.29	ug/l #	12

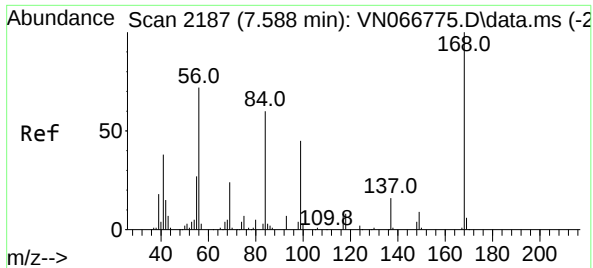
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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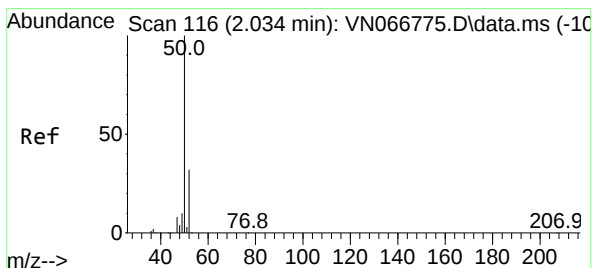
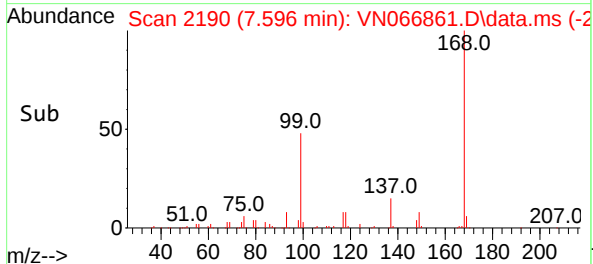
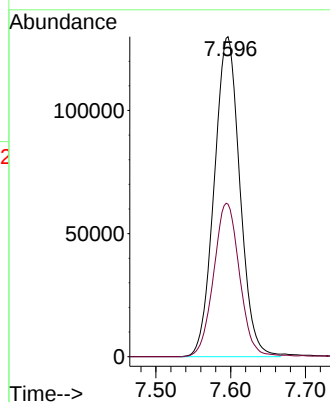
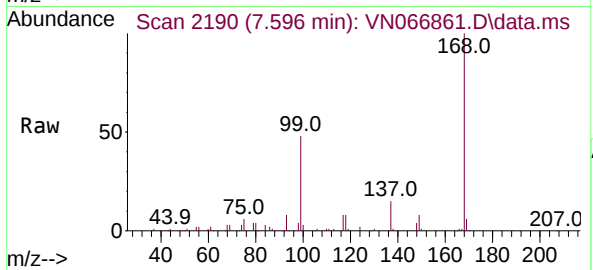




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.596 min Scan# 2190
Delta R.T. 0.008 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

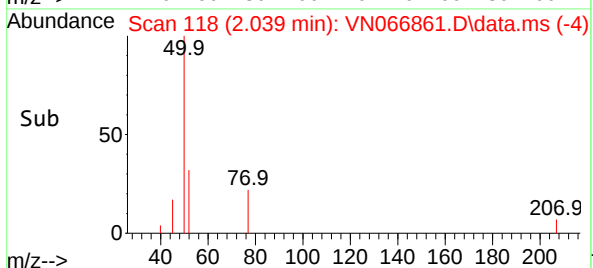
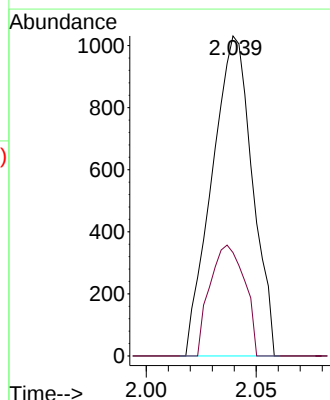
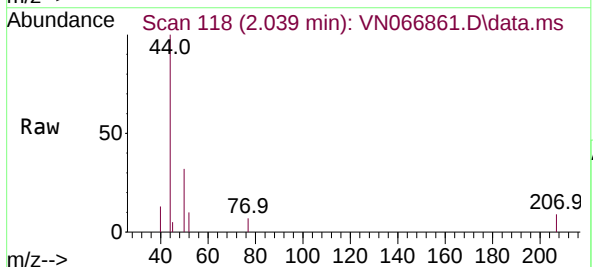
Instrument :
MSVOA_N
ClientSampled :

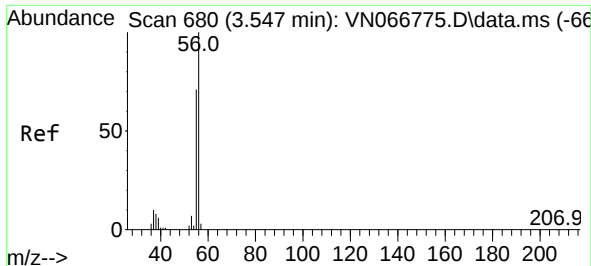
Tgt Ion:168 Resp: 309668
Ion Ratio Lower Upper
168 100
99 47.7 42.6 63.8



#3
Chloromethane
Concen: 0.30 ug/l
RT: 2.039 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

Tgt Ion: 50 Resp: 1315
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8

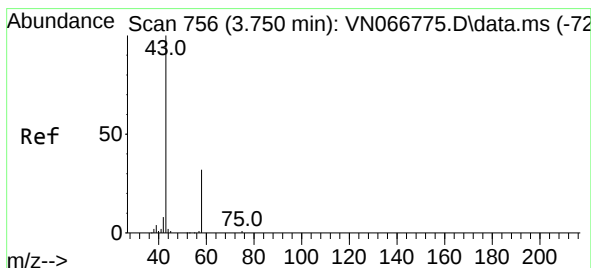
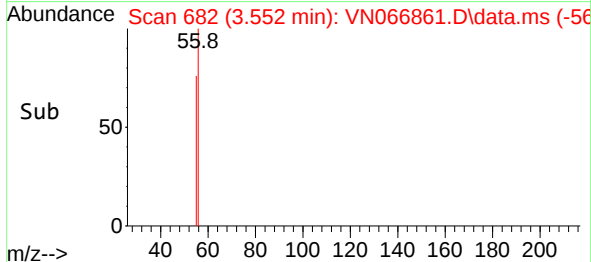
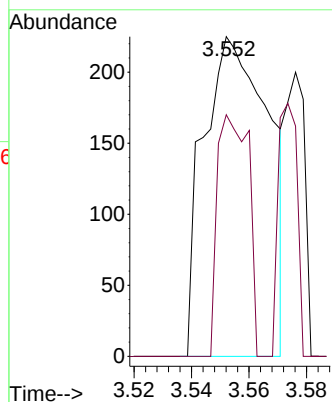
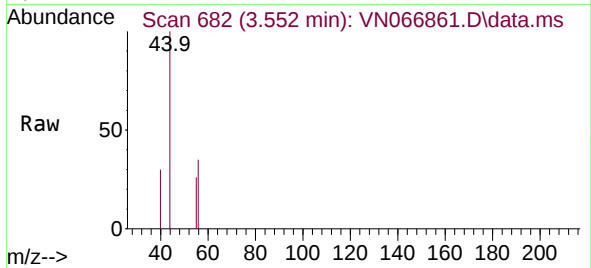




#13
Acrolein
Concen: 0.69 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

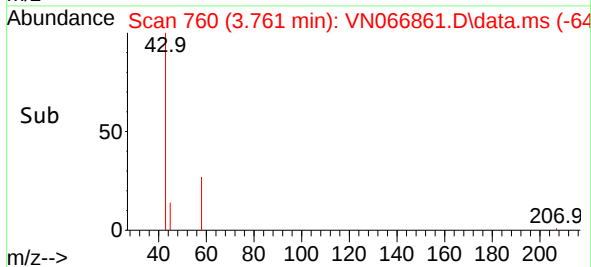
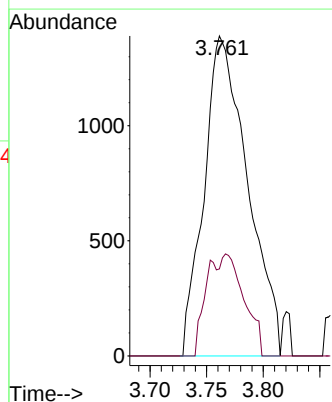
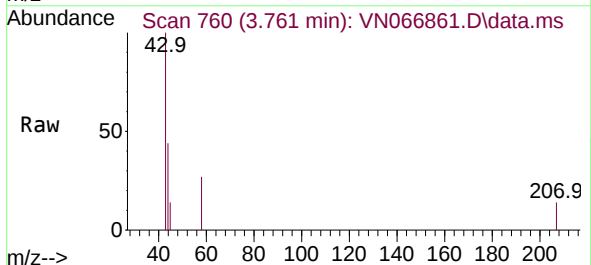
Instrument :
MSVOA_N
ClientSampled :

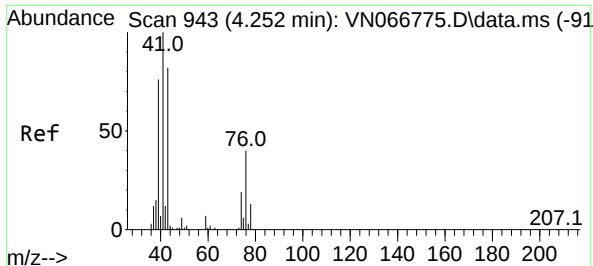
Tgt Ion: 56 Resp: 353
Ion Ratio Lower Upper
56 100
55 36.0 56.0 84.0#



#16
Acetone
Concen: 2.47 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
58 27.2 27.0 40.6





#18

Methyl Acetate

Concen: 1.49 ug/l

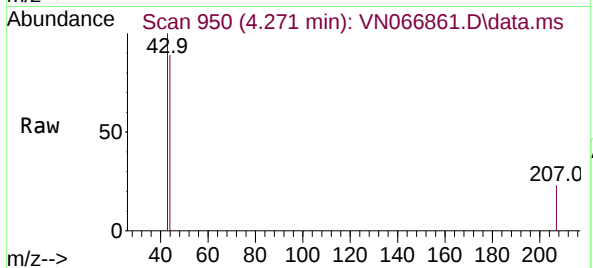
RT: 4.271 min Scan# 950

Delta R.T. 0.019 min

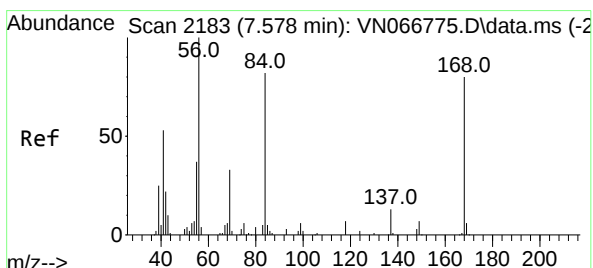
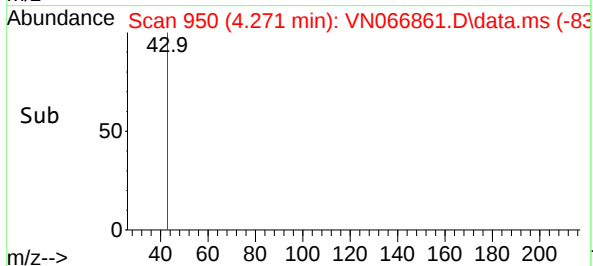
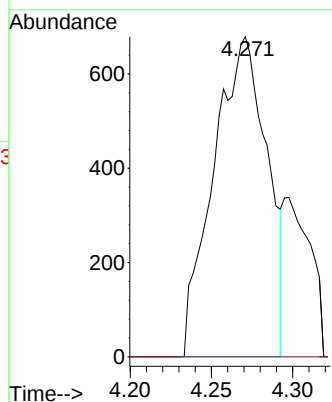
Lab File: VN066861.D

Acq: 29 Apr 2021 14:58

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.78 ug/l

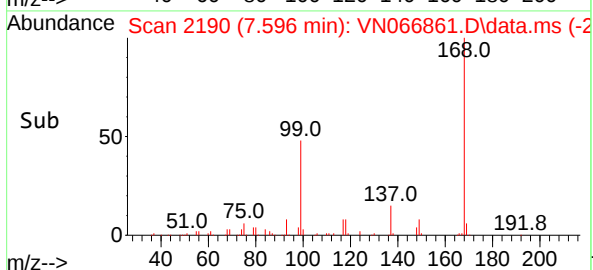
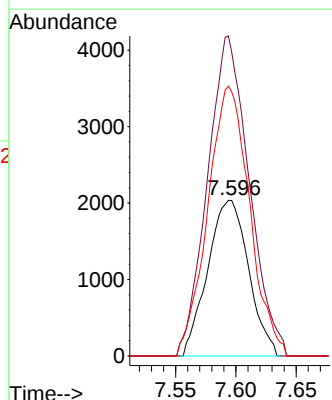
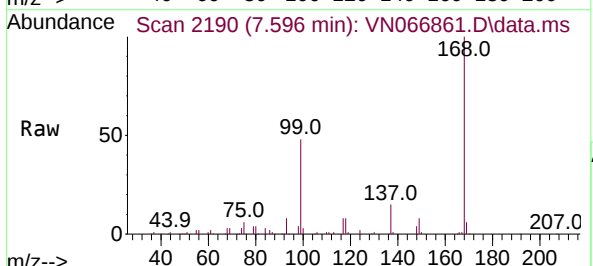
RT: 7.596 min Scan# 2190

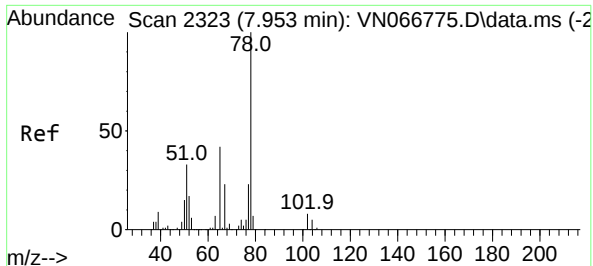
Delta R.T. 0.018 min

Lab File: VN066861.D

Acq: 29 Apr 2021 14:58

Tgt Ion: 56 Resp: 4789
Ion Ratio Lower Upper
56 100
69 187.0 26.6 39.8#
84 161.9 70.4 105.6#



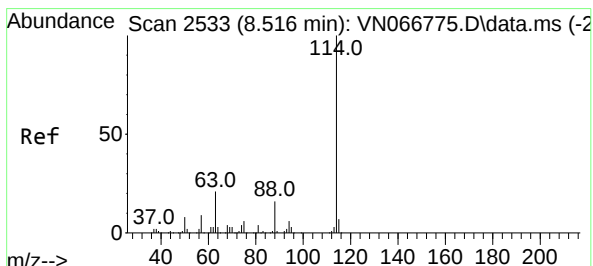
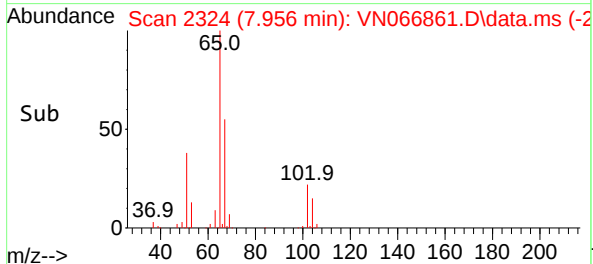
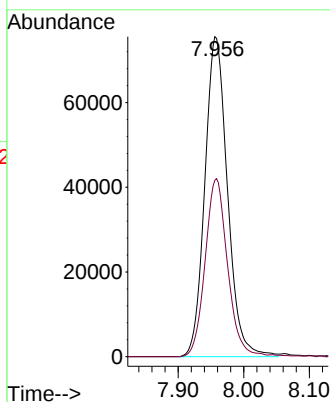
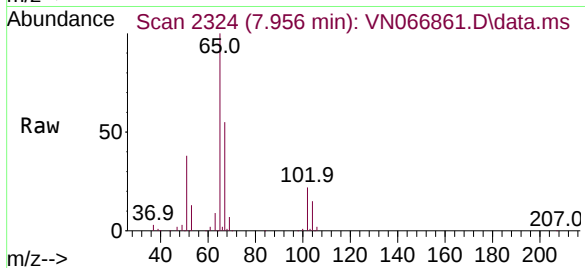


#33

1,2-Dichloroethane-d4
Concen: 45.55 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

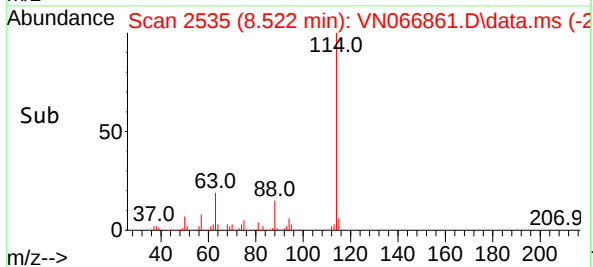
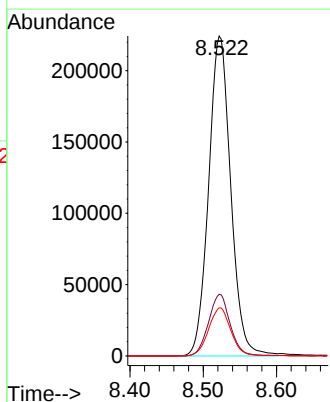
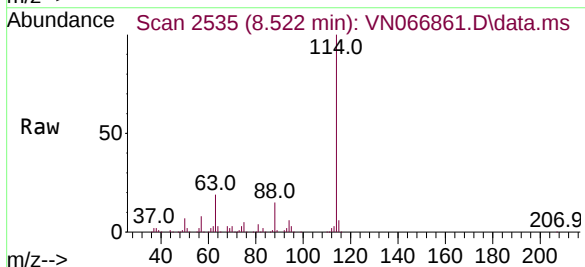
Tgt Ion: 65 Resp: 181237
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2

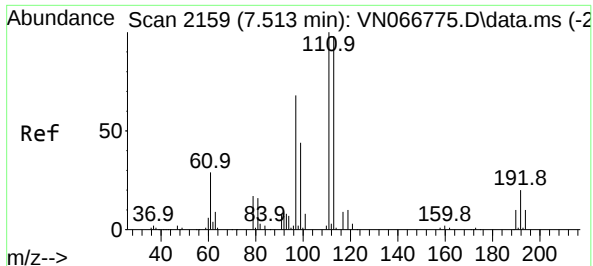


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2535
Delta R.T. 0.006 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

Tgt Ion: 114 Resp: 470272
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.0 0.0 30.6

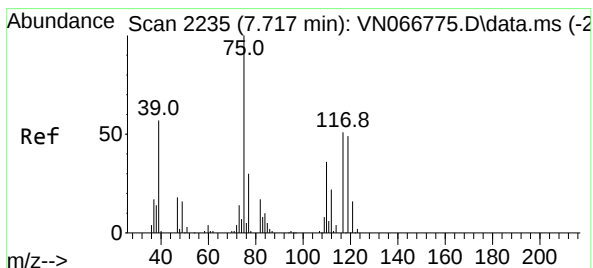
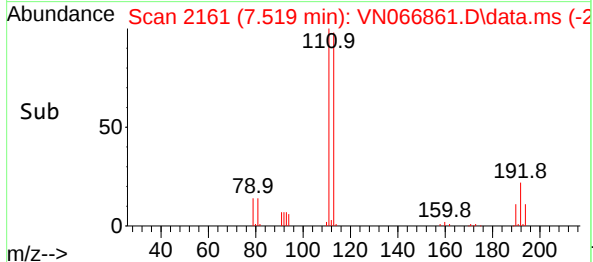
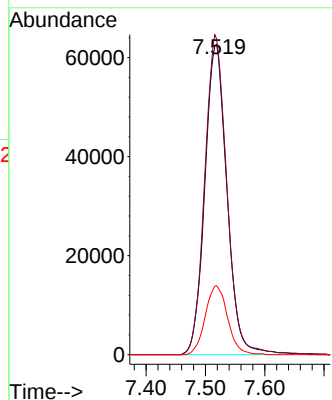
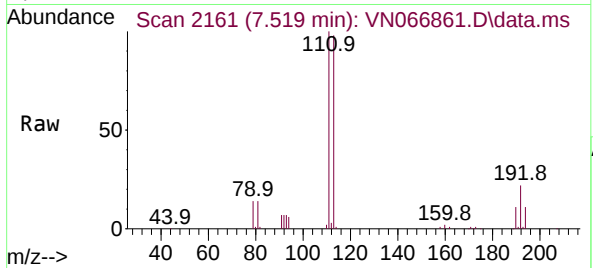




#35
Dibromofluoromethane
Concen: 56.02 ug/l
RT: 7.519 min Scan# 2161
Delta R.T. 0.006 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

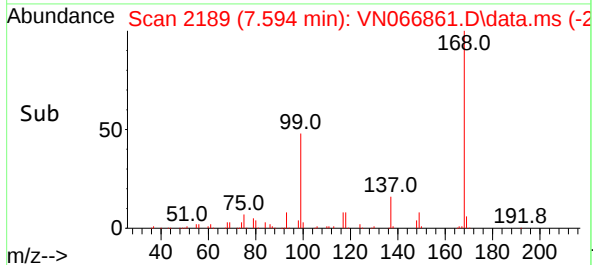
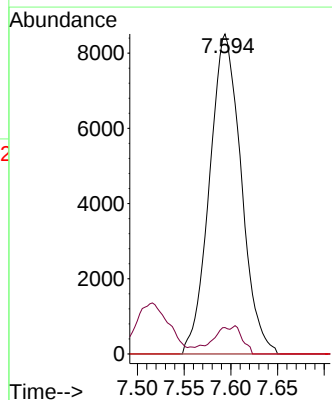
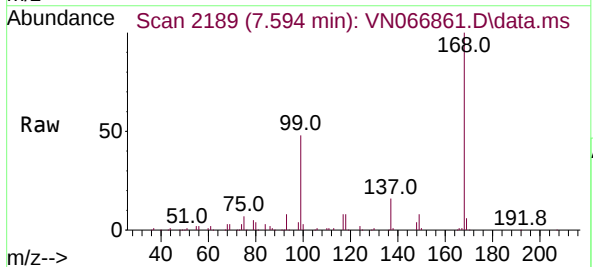
Instrument :
MSVOA_N
ClientSampleId :

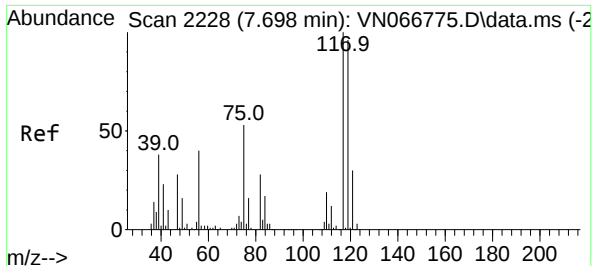
Tgt Ion:113 Resp: 162620
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 22.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.123 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

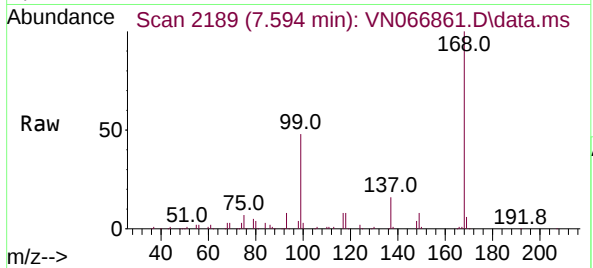
Tgt Ion: 75 Resp: 20072
Ion Ratio Lower Upper
75 100
110 3.0 18.2 54.6#
77 0.0 24.9 37.3#



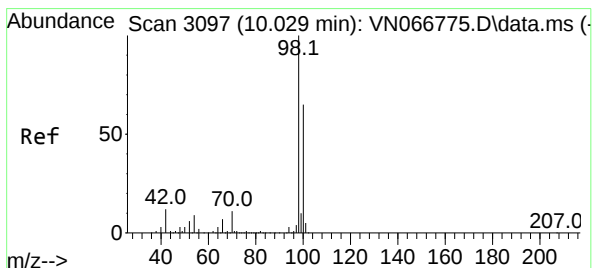
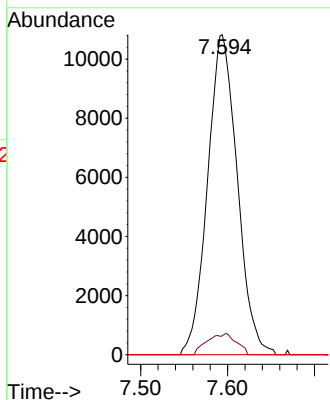
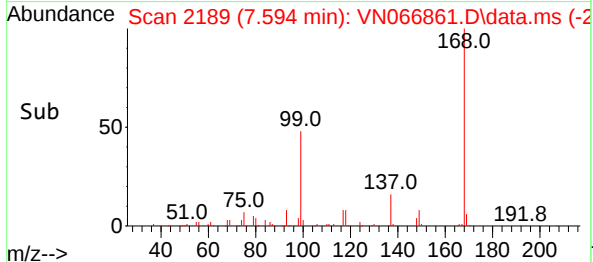


#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

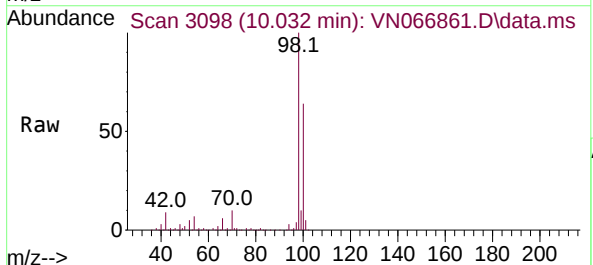
Instrument :
MSVOA_N
ClientSampled :



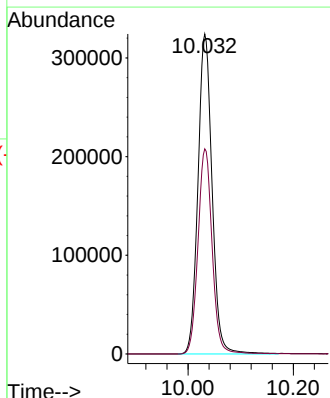
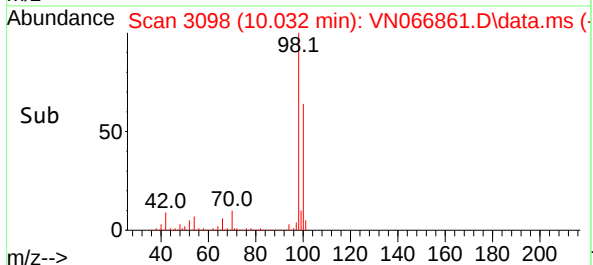
Tgt Ion:117 Resp: 25705
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

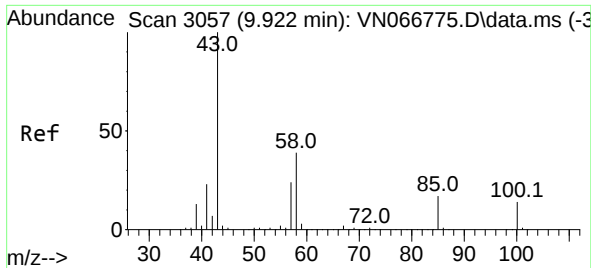


#50
Toluene-d8
Concen: 52.98 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58



Tgt Ion: 98 Resp: 603644
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

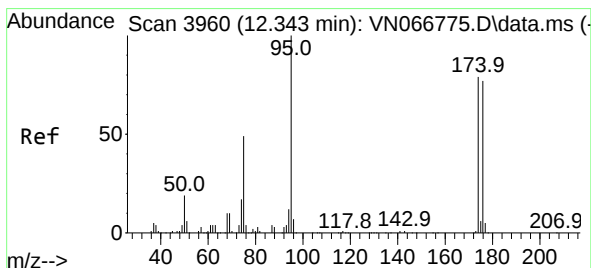
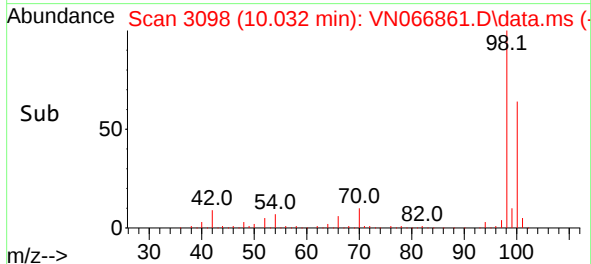
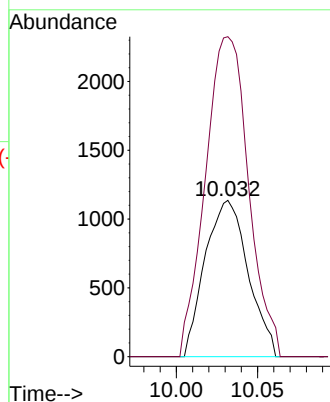
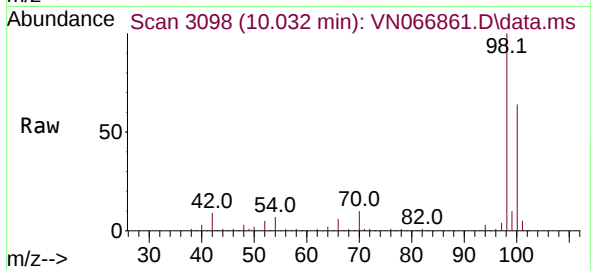




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

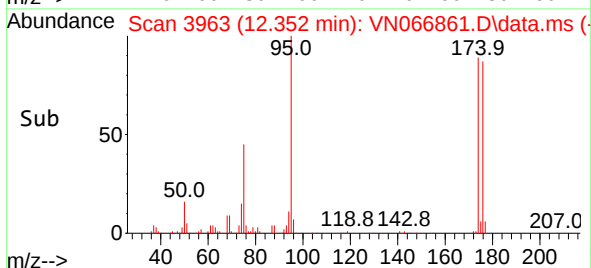
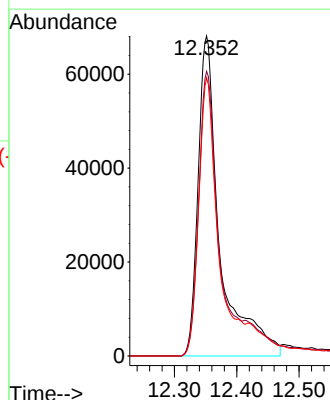
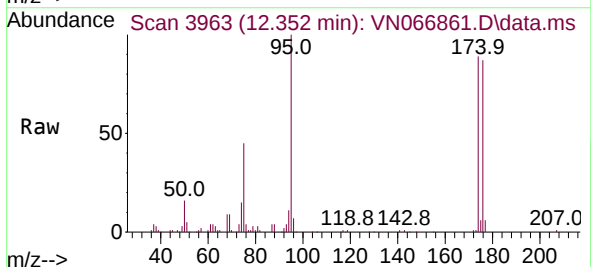
Instrument :
MSVOA_N
ClientSampled :

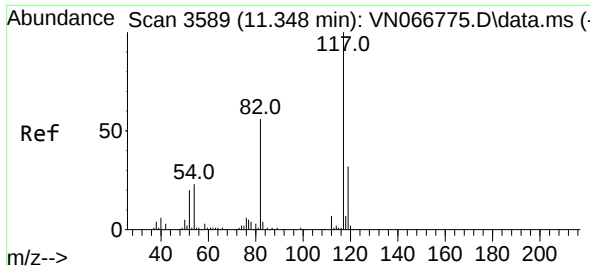
Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
58 205.5 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 43.14 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.009 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

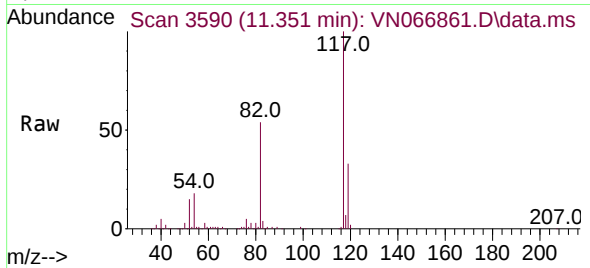
Tgt Ion: 95 Resp: 166312
Ion Ratio Lower Upper
95 100
174 78.3 0.0 169.0
176 76.2 0.0 162.4



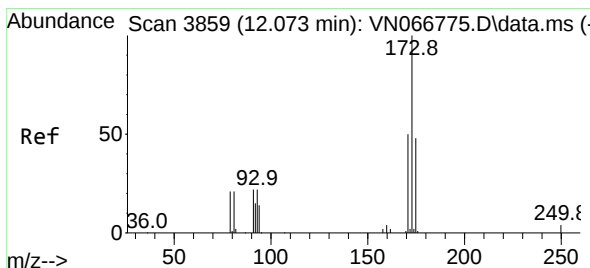
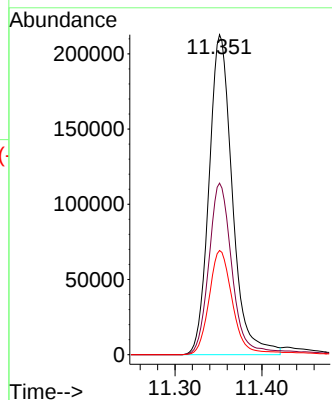
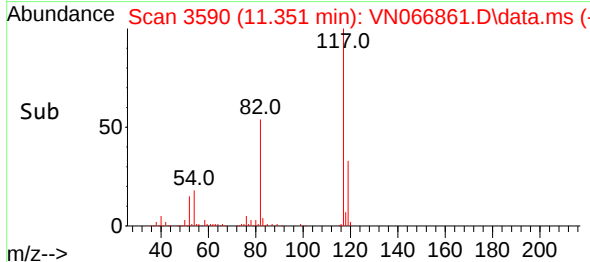


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

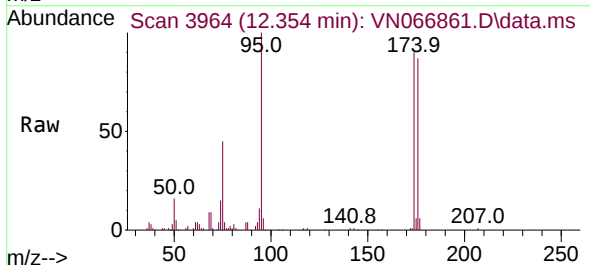
Instrument :
MSVOA_N
ClientSampleId :



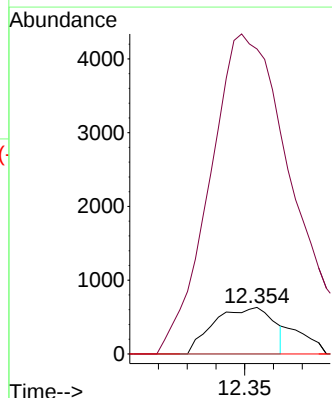
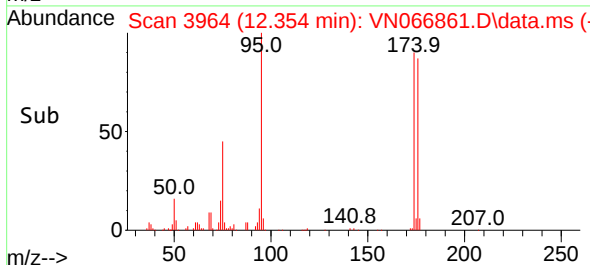
Tgt Ion:117 Resp: 397680
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.5 26.1 39.1

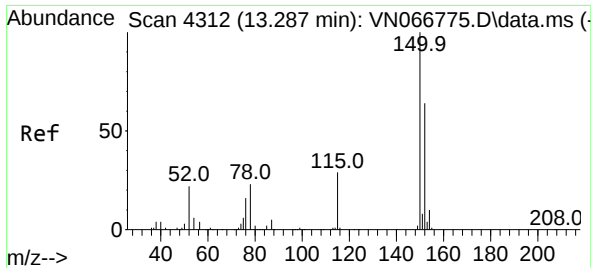


#71
Bromoform
Concen: 0.42 ug/l
RT: 12.354 min Scan# 3964
Delta R.T. 0.281 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58



Tgt Ion:173 Resp: 911
Ion Ratio Lower Upper
173 100
175 741.3 23.8 71.2#
254 0.0 0.0 0.0

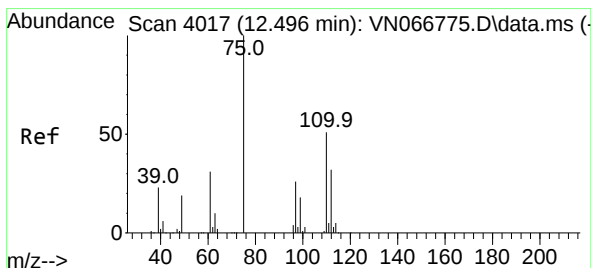
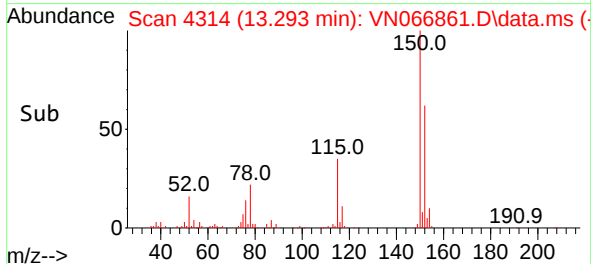
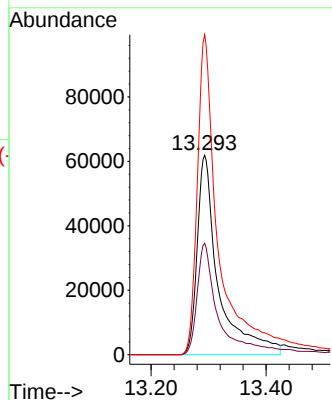
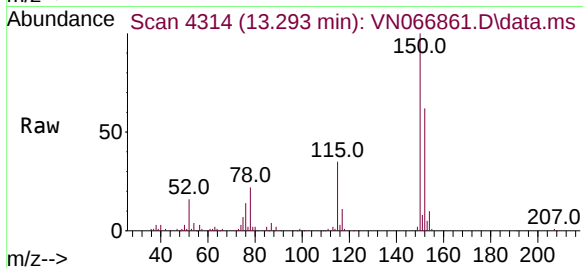




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

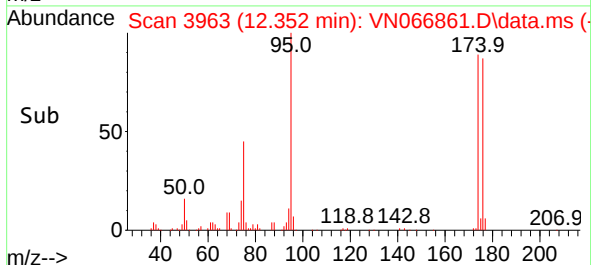
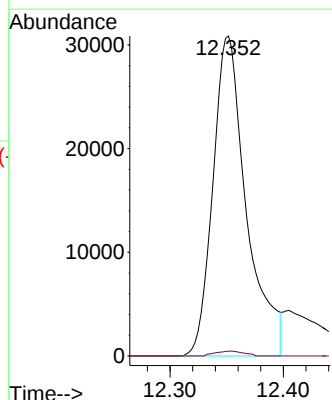
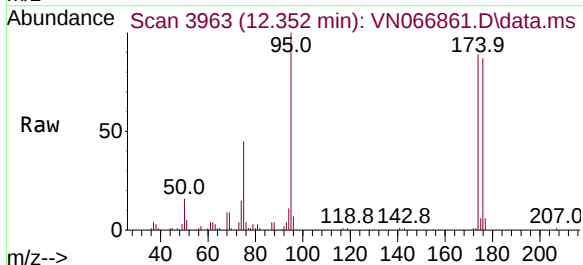
Instrument :
MSVOA_N
ClientSampled :

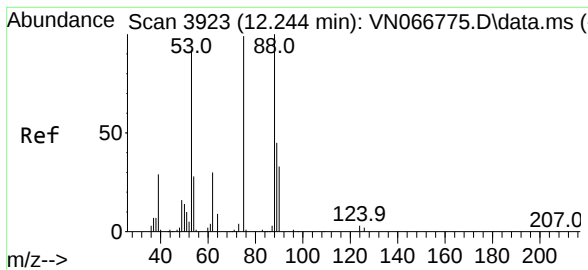
Tgt Ion:152 Resp: 159369
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.6
150 167.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 18.85 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. -0.144 min
Lab File: VN066861.D
Acq: 29 Apr 2021 14:58

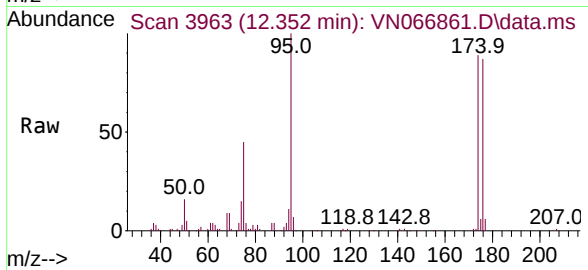
Tgt Ion: 75 Resp: 63307
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.29 ug/l
 RT: 12.352 min Scan# 3963
 Delta R.T. 0.108 min
 Lab File: VN066861.D
 Acq: 29 Apr 2021 14:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	63307
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

