

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066860.D
 Acq On : 29 Apr 2021 14:37
 Operator : JC/MD
 Sample : M2173-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

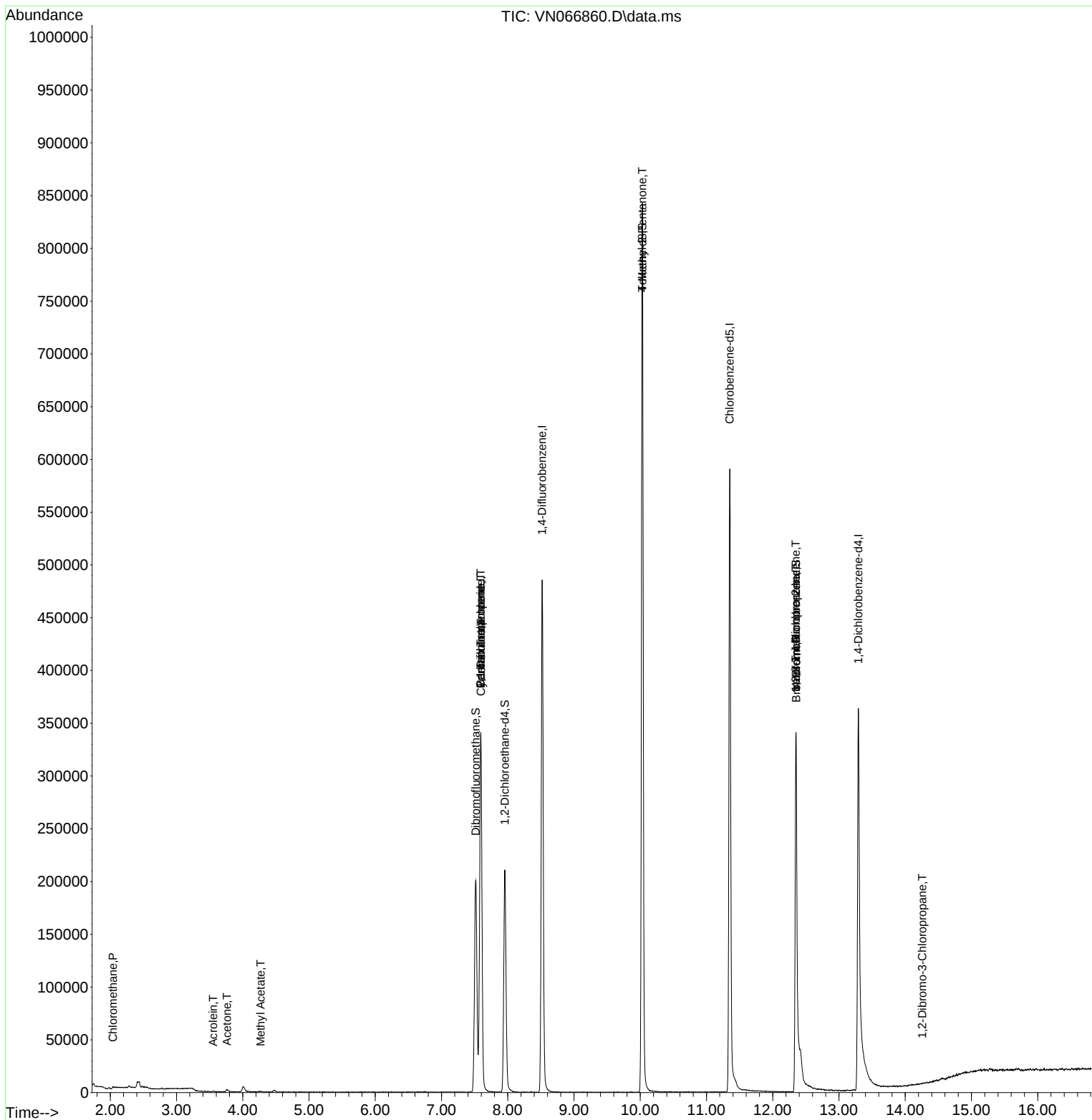
Quant Time: Apr 30 06:14:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

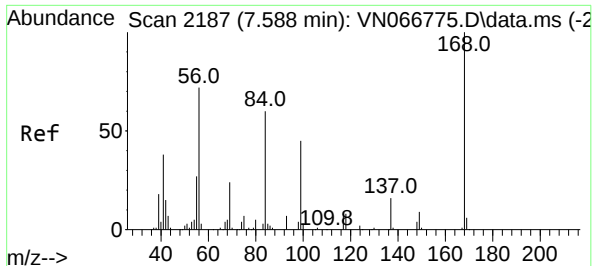
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.594	168	309668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	467732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	408620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	167512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	181751	45.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.36%		
35) Dibromofluoromethane	7.516	113	162096	56.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	112.28%		
50) Toluene-d8	10.031	98	608394	53.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.36%		
62) 4-Bromofluorobenzene	12.351	95	148423	38.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	77.42%		
Target Compounds						Qvalue
3) Chloromethane	2.039	50	986	0.22	ug/l	98
13) Acrolein	3.552	56	506	0.99	ug/l	90
16) Acetone	3.761	43	3467	2.31	ug/l #	84
18) Methyl Acetate	4.268	43	1133	1.39	ug/l #	51
31) Cyclohexane	7.596	56	4501	0.73	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	20180	4.64	ug/l #	44
38) Carbon Tetrachloride	7.594	117	26180	6.28	ug/l #	17
51) 4-Methyl-2-Pentanone	10.031	43	2194	0.55	ug/l #	1
71) Bromoform	12.354	173	952	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	64332	18.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	64332	50.79	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.256	75	164	0.23	ug/l #	1

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

Quant Time: Apr 30 06:14:53 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

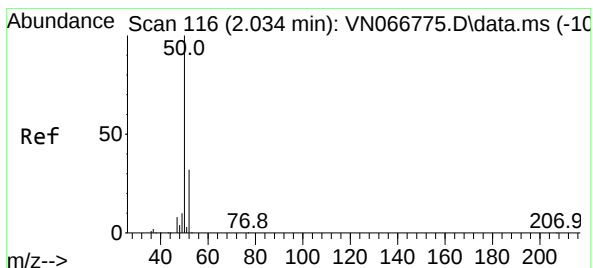
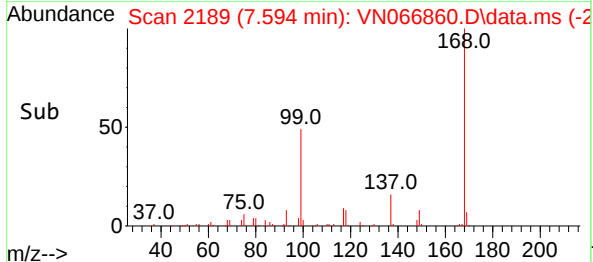
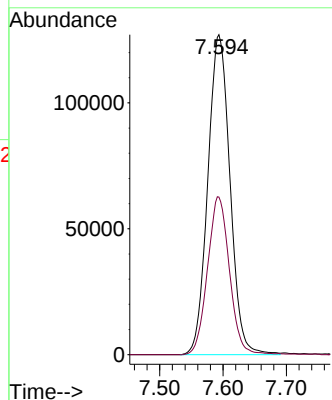
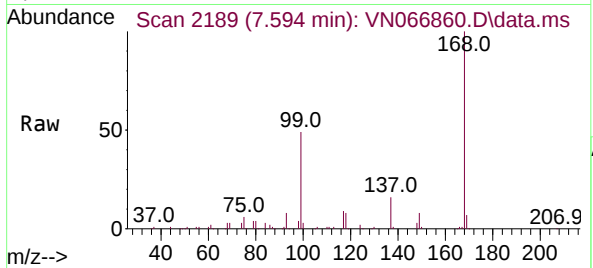




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

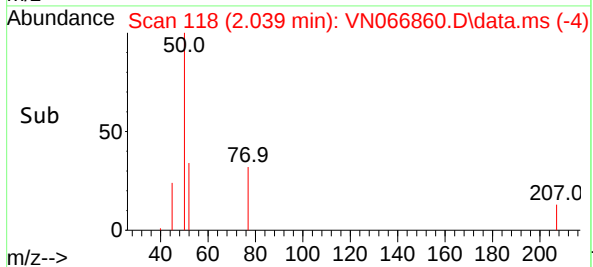
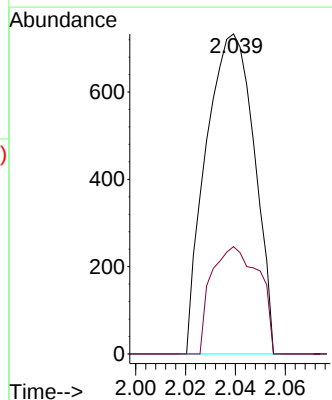
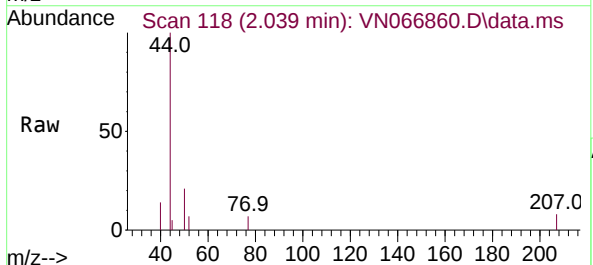
Instrument :
MSVOA_N
ClientSampled :

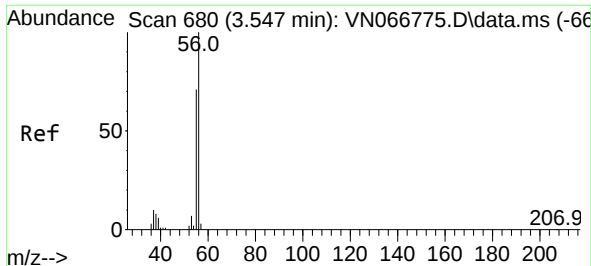
Tgt Ion:168 Resp: 309668
Ion Ratio Lower Upper
168 100
99 49.3 42.6 63.8



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.039 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

Tgt Ion: 50 Resp: 986
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.8

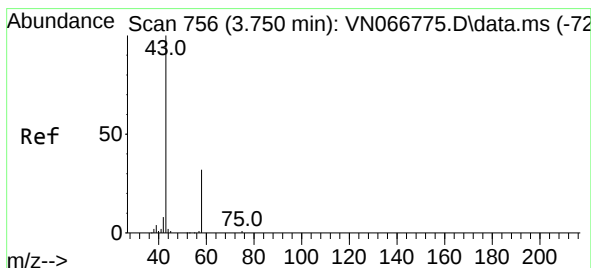
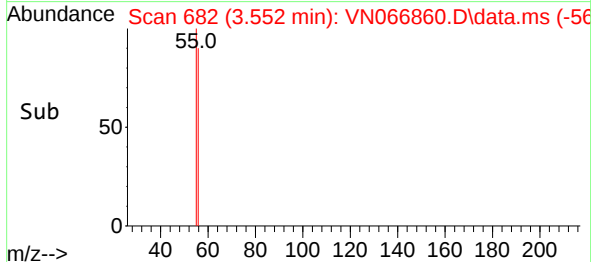
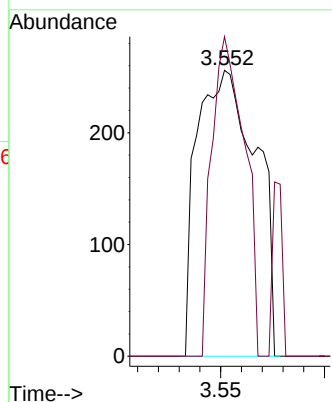
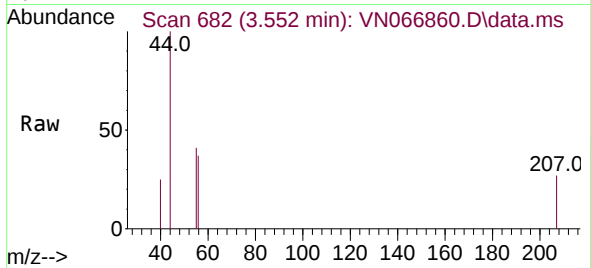




#13
Acrolein
Concen: 0.99 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

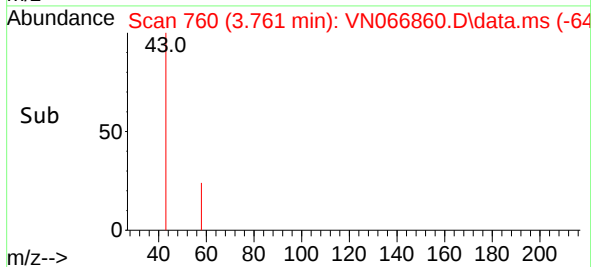
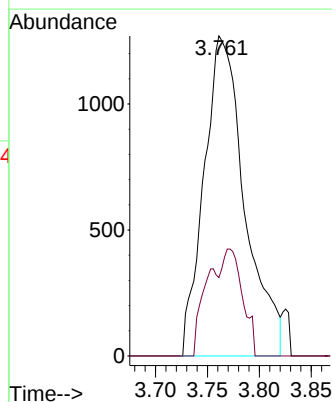
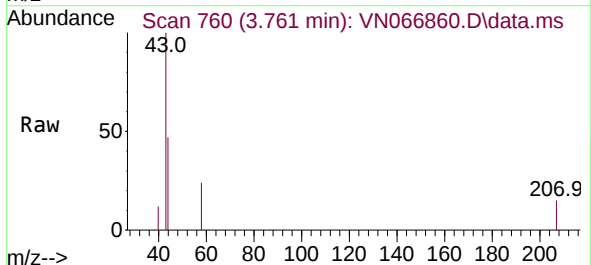
Instrument :
MSVOA_N
ClientSampled :

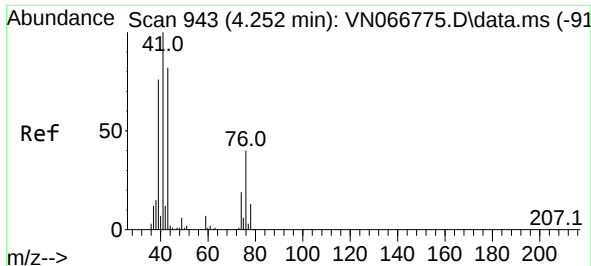
Tgt Ion: 56 Resp: 506
Ion Ratio Lower Upper
56 100
55 61.9 56.0 84.0



#16
Acetone
Concen: 2.31 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

Tgt Ion: 43 Resp: 3467
Ion Ratio Lower Upper
43 100
58 24.5 27.0 40.6#





#18

Methyl Acetate

Concen: 1.39 ug/l

RT: 4.268 min Scan# 949

Delta R.T. 0.016 min

Lab File: VN066860.D

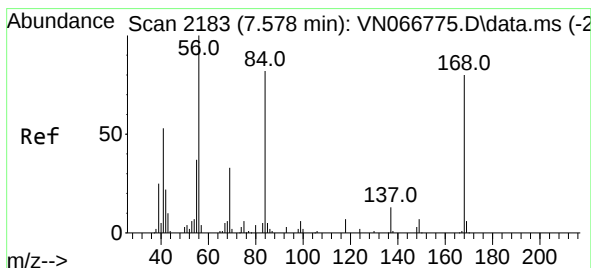
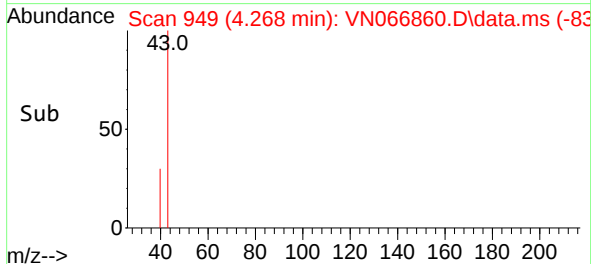
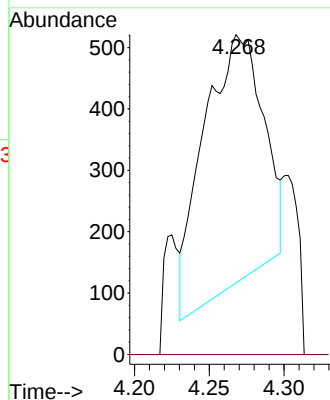
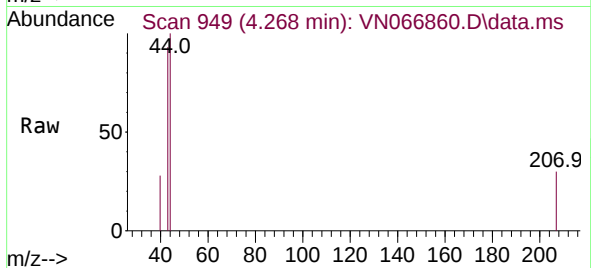
Acq: 29 Apr 2021 14:37

Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.73 ug/l

RT: 7.596 min Scan# 2190

Delta R.T. 0.018 min

Lab File: VN066860.D

Acq: 29 Apr 2021 14:37

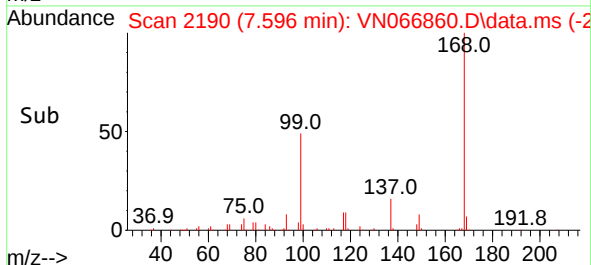
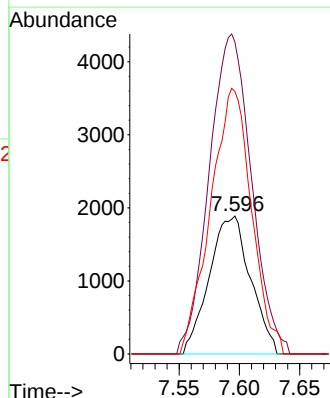
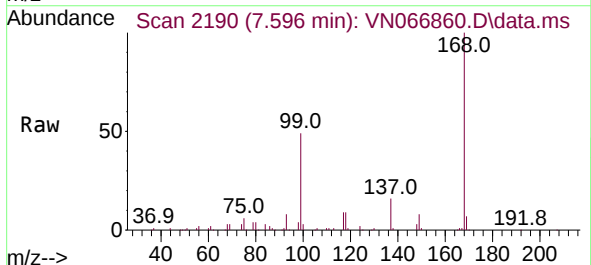
Tgt Ion: 56 Resp: 4501

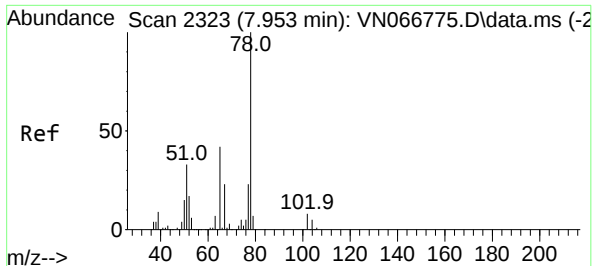
Ion Ratio Lower Upper

56 100

69 216.9 26.6 39.8#

84 190.3 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 45.68 ug/l

RT: 7.956 min Scan# 2324

Delta R.T. 0.003 min

Lab File: VN066860.D

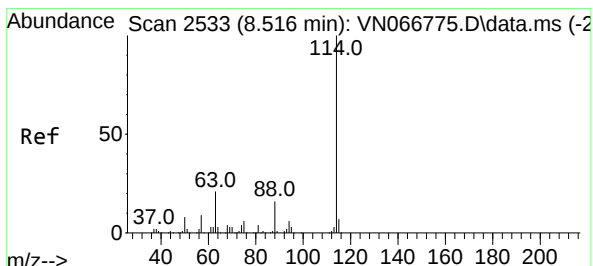
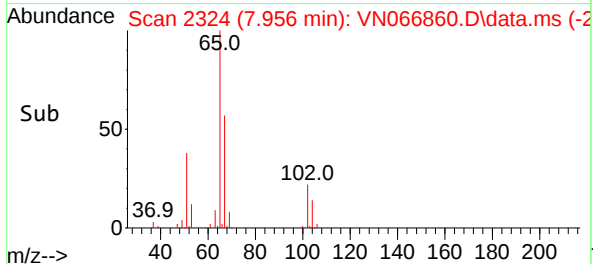
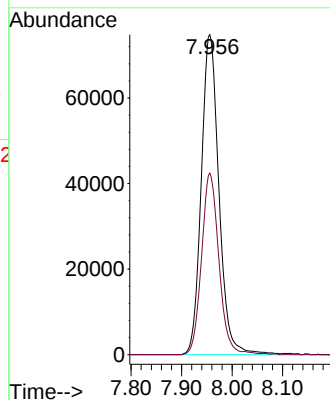
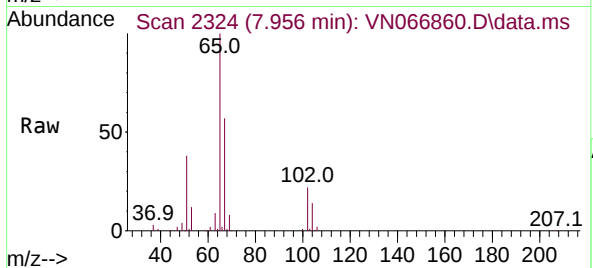
Acq: 29 Apr 2021 14:37

Tgt Ion: 65 Resp: 181751

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: VN066860.D

Acq: 29 Apr 2021 14:37

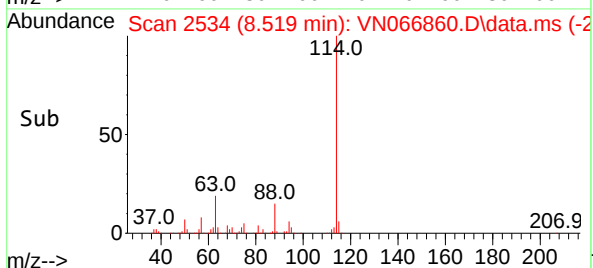
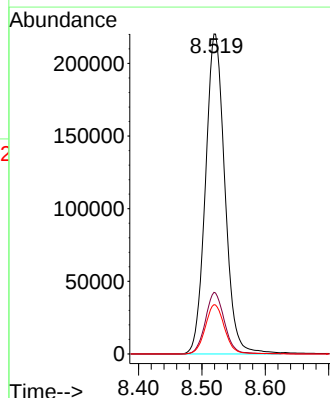
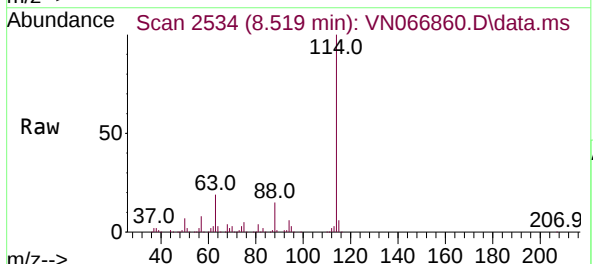
Tgt Ion: 114 Resp: 467732

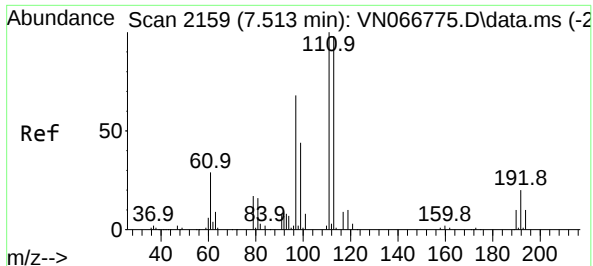
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.4 0.0 30.6

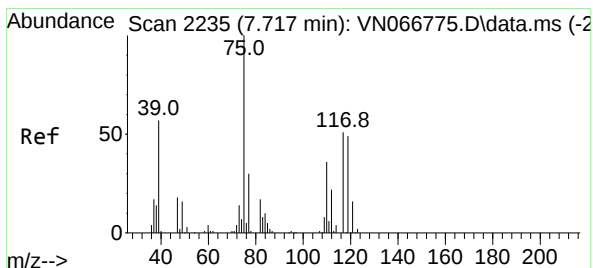
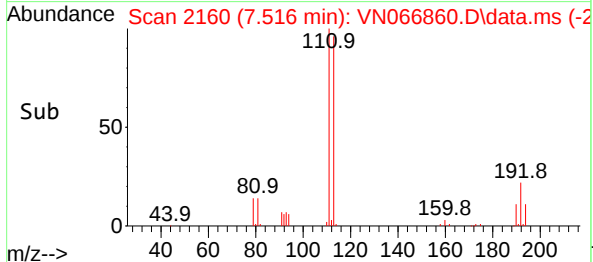
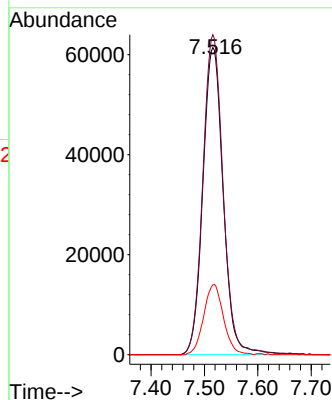
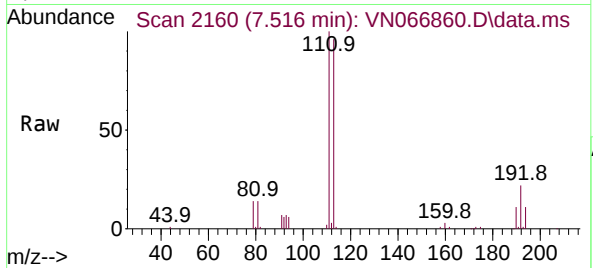




#35
Dibromofluoromethane
Concen: 56.14 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

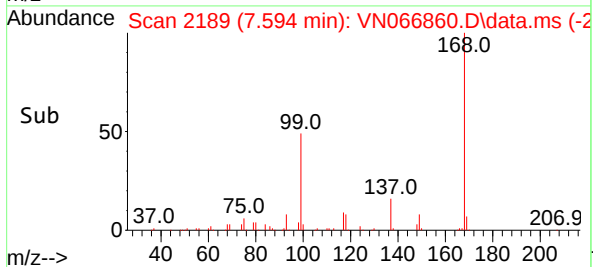
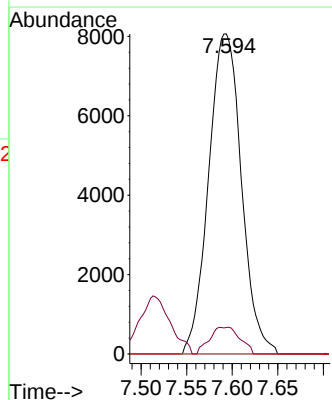
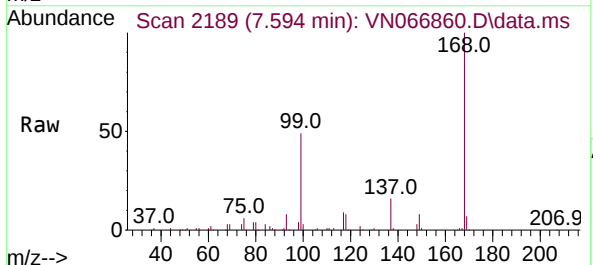
Instrument :
MSVOA_N
ClientSampleId :

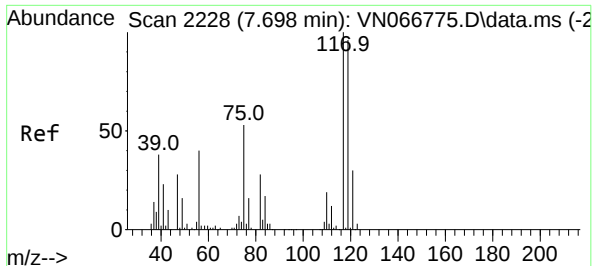
Tgt Ion:113 Resp: 162096
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 22.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.123 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

Tgt Ion: 75 Resp: 20180
Ion Ratio Lower Upper
75 100
110 3.9 18.2 54.6#
77 0.0 24.9 37.3#

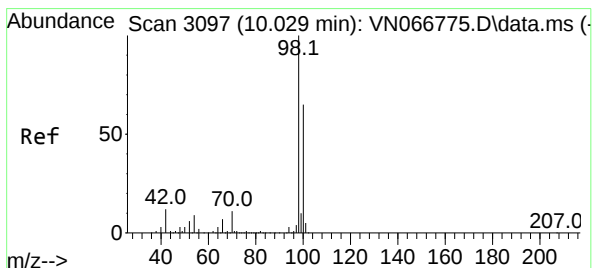
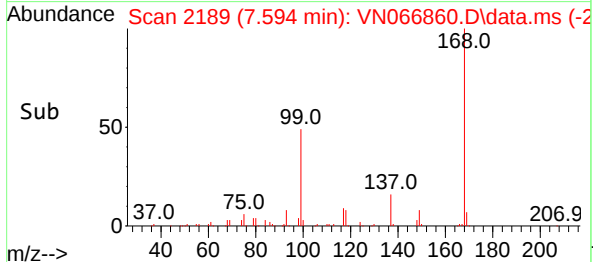
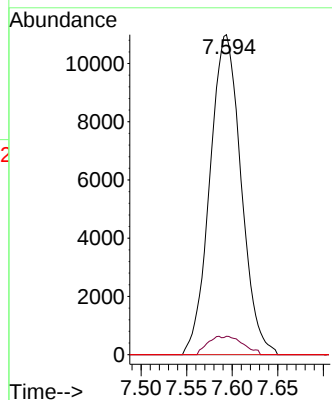
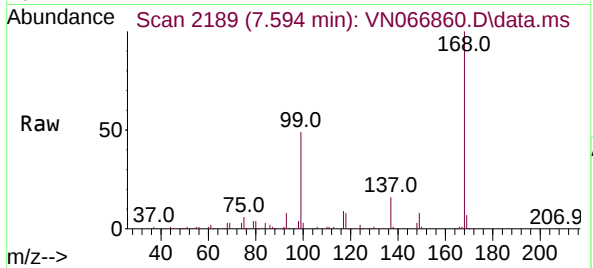




#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

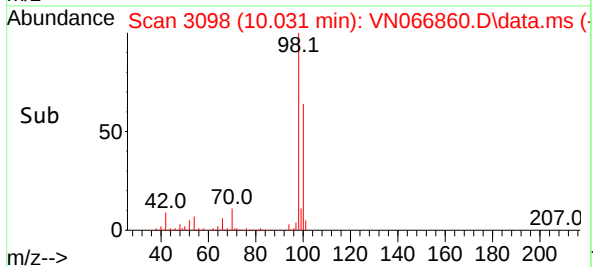
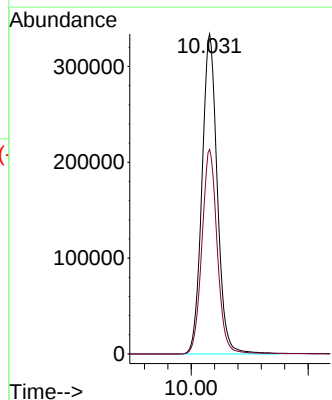
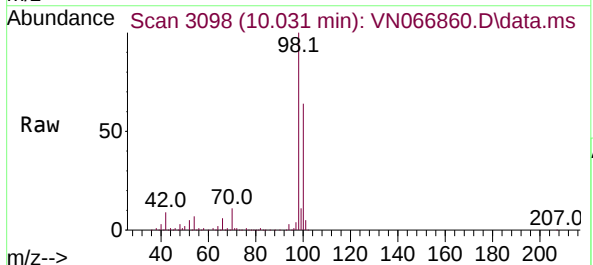
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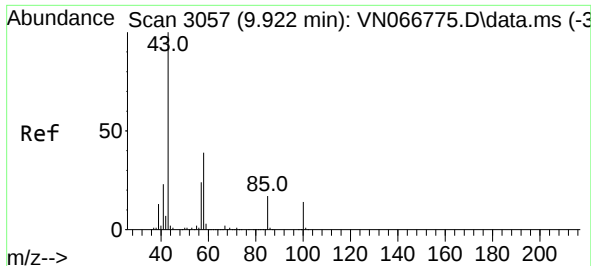
Tgt Ion: 117 Resp: 26180
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.68 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.002 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

Tgt Ion: 98 Resp: 608394
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

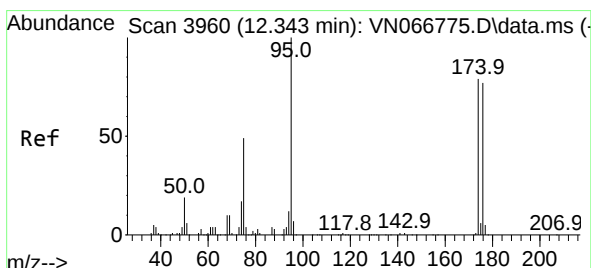
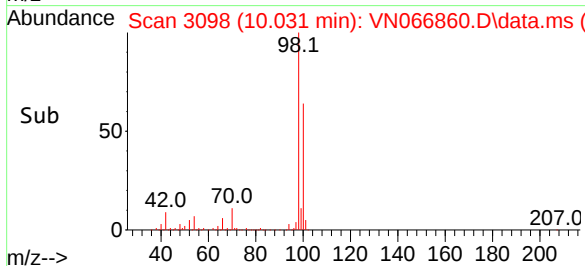
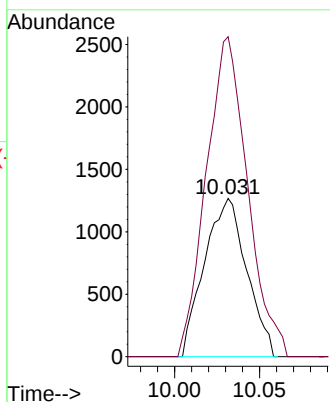
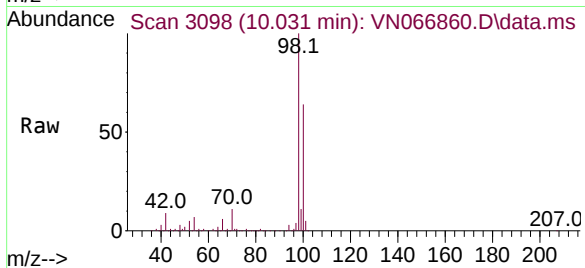




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 10.031 min Scan# 3098
Delta R.T. 0.109 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

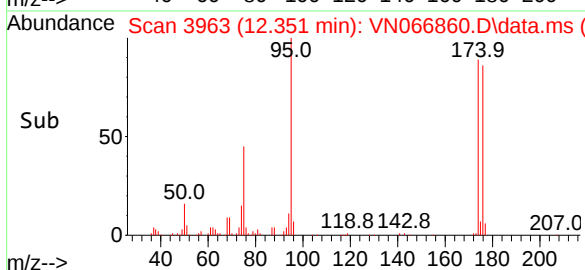
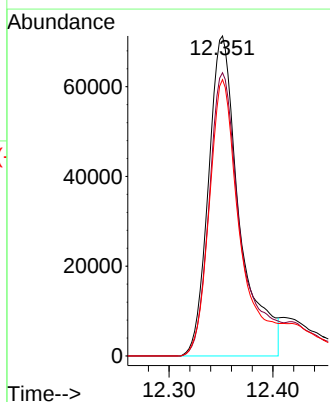
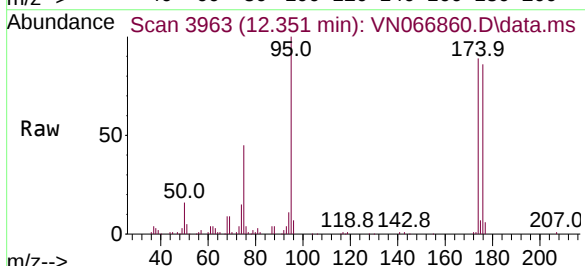
Instrument :
MSVOA_N
ClientSampled :

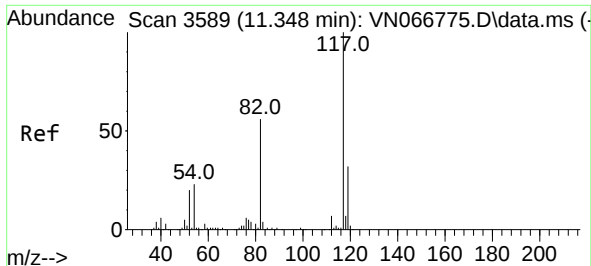
Tgt Ion: 43 Resp: 2194
Ion Ratio Lower Upper
43 100
58 197.1 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 38.71 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

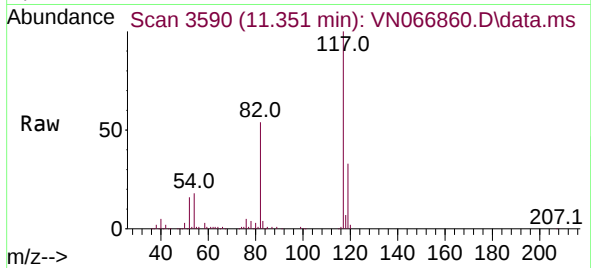
Tgt Ion: 95 Resp: 148423
Ion Ratio Lower Upper
95 100
174 91.1 0.0 169.0
176 99.8 0.0 162.4



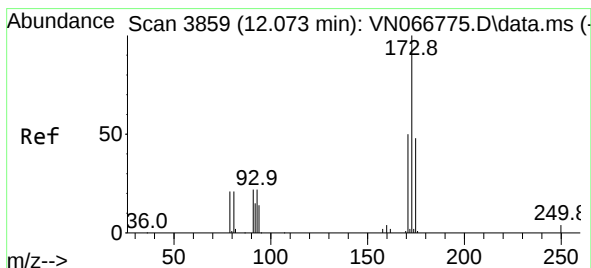
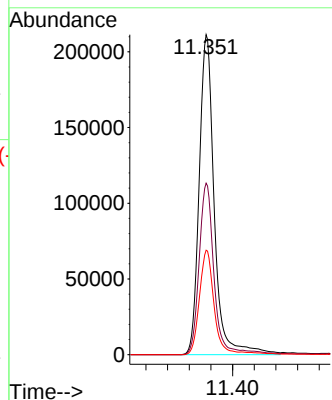
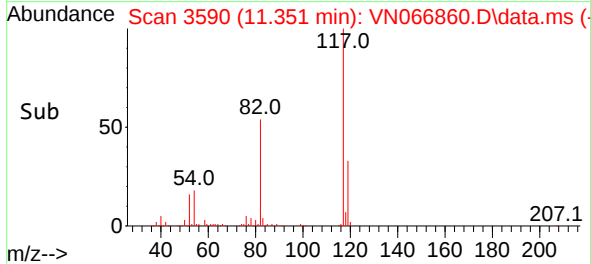


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

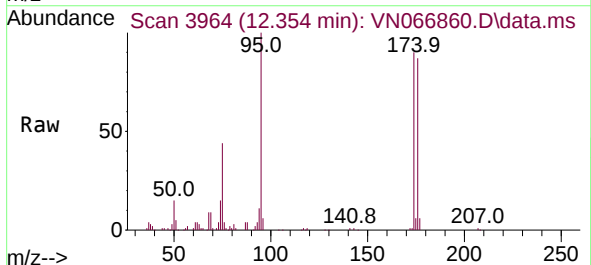
Instrument :
MSVOA_N
ClientSampled :



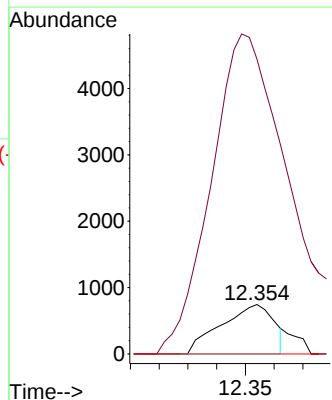
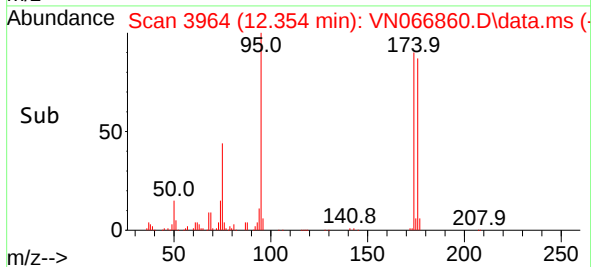
Tgt Ion:117 Resp: 408620
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.7 26.1 39.1

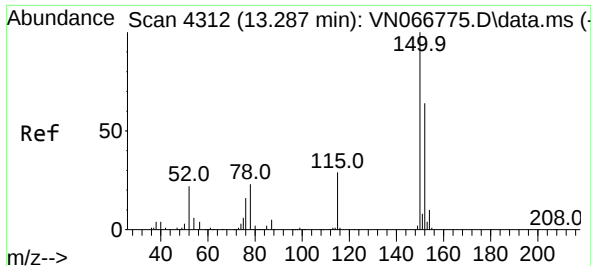


#71
Bromoform
Concen: 0.43 ug/l
RT: 12.354 min Scan# 3964
Delta R.T. 0.281 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37



Tgt Ion:173 Resp: 952
Ion Ratio Lower Upper
173 100
175 751.7 23.8 71.2#
254 0.0 0.0 0.0

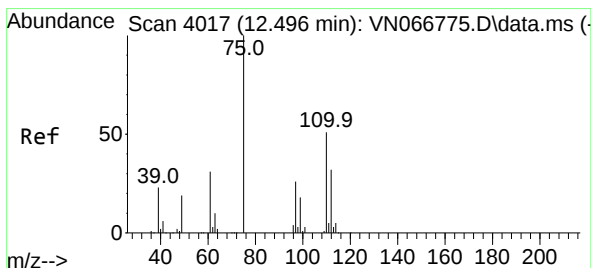
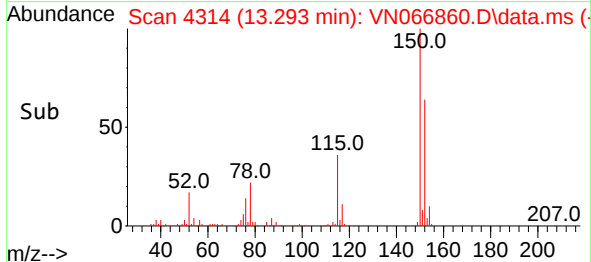
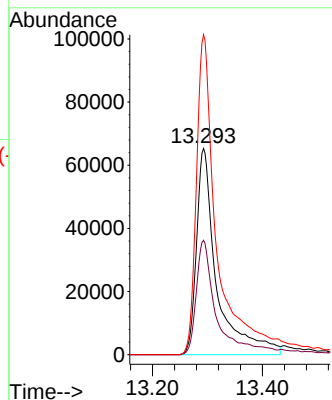
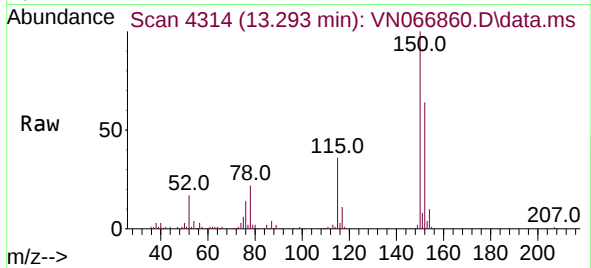




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

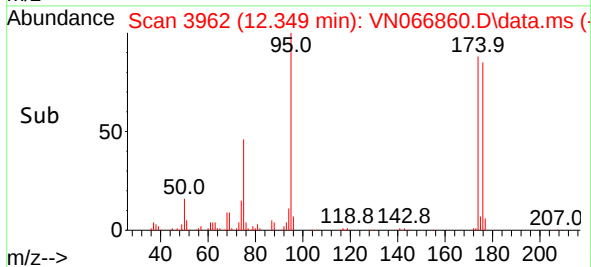
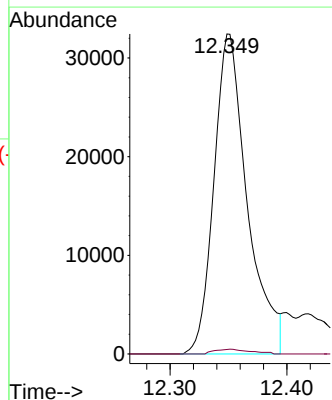
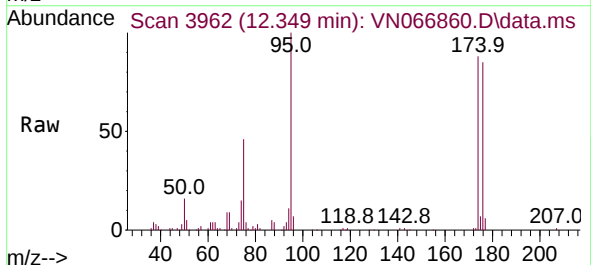
Instrument :
MSVOA_N
ClientSampled :

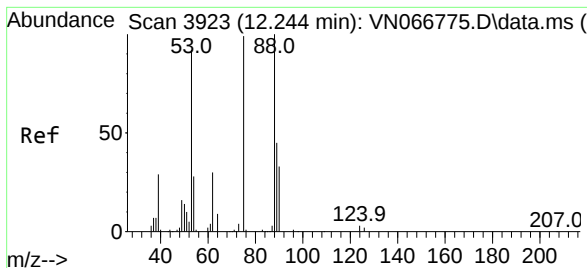
Tgt Ion:152 Resp: 167512
Ion Ratio Lower Upper
152 100
115 55.5 28.5 85.6
150 154.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 18.22 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

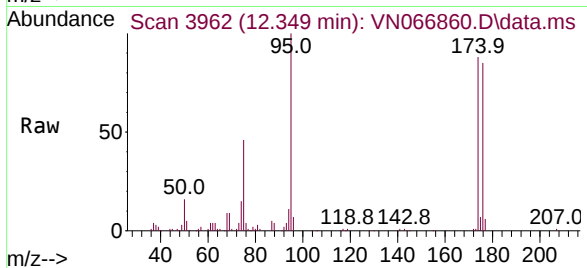
Tgt Ion: 75 Resp: 64332
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



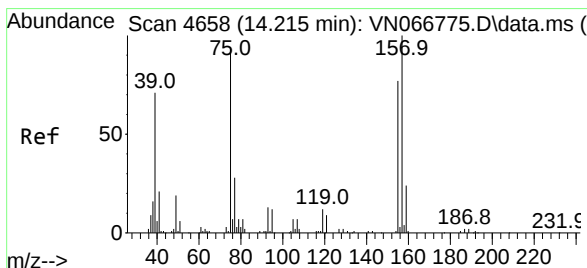
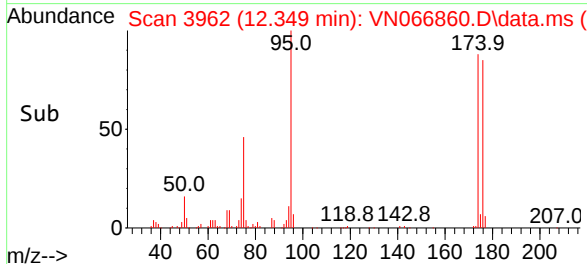
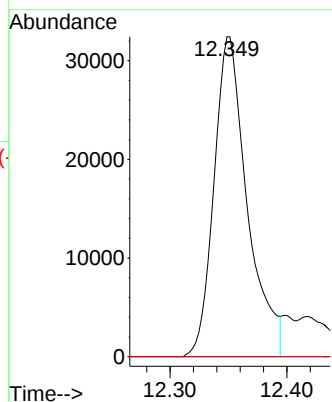


#81
trans-1,4-Dichloro-2-butene
Concen: 50.79 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 64332
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.23 ug/l
RT: 14.256 min Scan# 4673
Delta R.T. 0.041 min
Lab File: VN066860.D
Acq: 29 Apr 2021 14:37

Tgt Ion: 75 Resp: 164
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

