

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068196.D
 Acq On : 18 Aug 2021 16:25
 Operator : JC/MD
 Sample : M3445-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 16:51:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

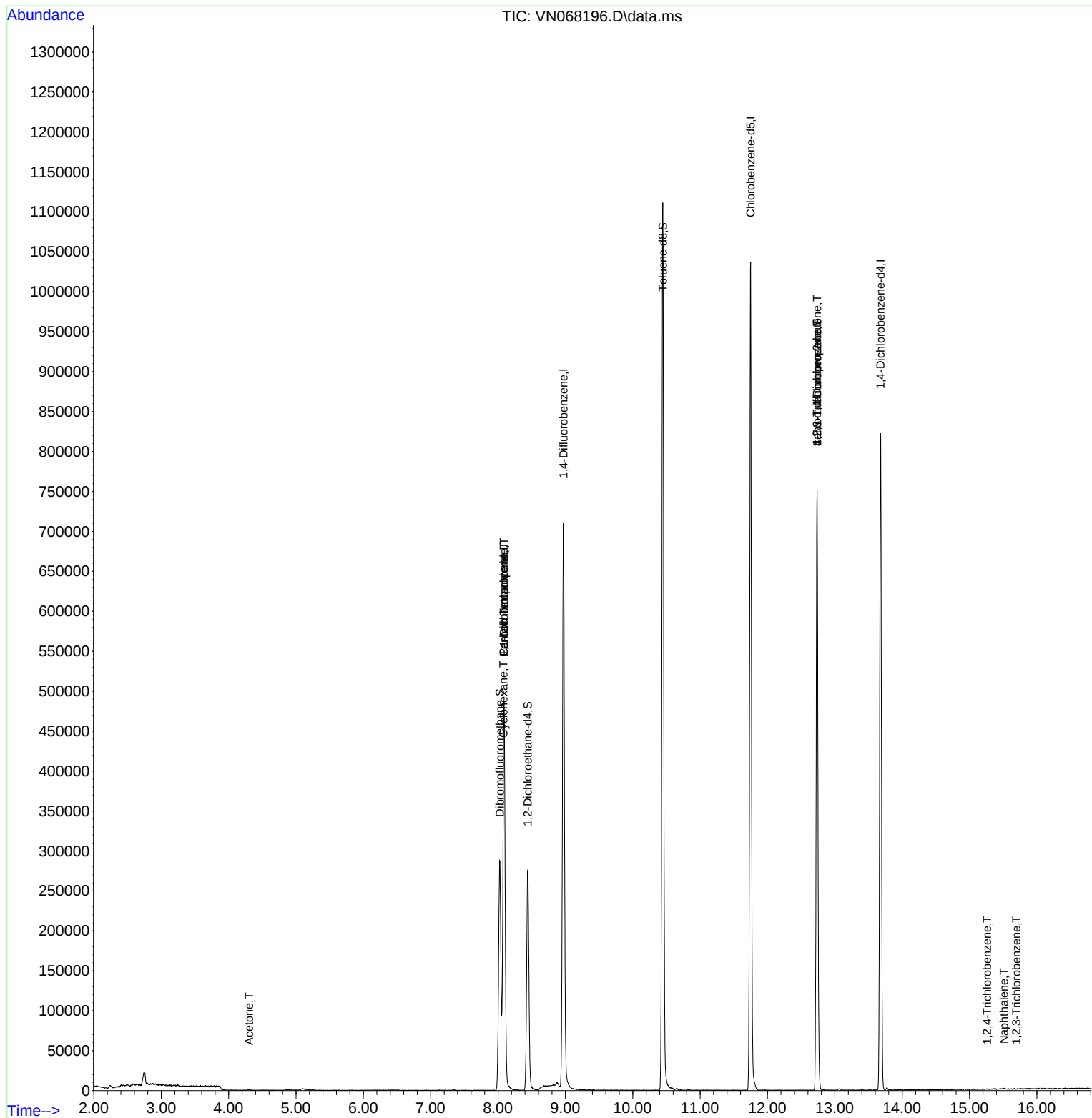
Internal Standards						
1) Pentafluorobenzene	8.088	168	400991	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	676053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	665609	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	249533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	237460	55.462	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 110.920%		
35) Dibromofluoromethane	8.027	113	212407	50.044	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 100.080%		
50) Toluene-d8	10.446	98	822740	50.872	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 101.740%		
62) 4-Bromofluorobenzene	12.736	95	259261	48.155	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 96.320%		
Target Compounds						Qvalue
5) Bromomethane	2.877	94	963	Below Cal	#	78
6) Chloroethane	3.036	64	53	Below Cal	#	44
13) Acrolein	4.047	56	117	Below Cal	#	14
16) Acetone	4.301	43	1634	1.307	ug/l #	89
18) Methyl Acetate	4.854	43	423	Below Cal	#	54
20) Methylene Chloride	5.085	84	738	Below Cal	#	75
31) Cyclohexane	8.078	56	2942	0.522	ug/l #	14
36) 1,1-Dichloropropene	8.088	75	26513	4.797	ug/l #	44
38) Carbon Tetrachloride	8.088	117	38329	6.013	ug/l #	17
76) 1,2,3-Trichloropropane	12.736	75	132060	31.841	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	132060	104.316	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.260	180	177	2.725	ug/l #	44
95) Naphthalene	15.509	128	1016	3.441	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.697	180	25	2.837	ug/l #	1

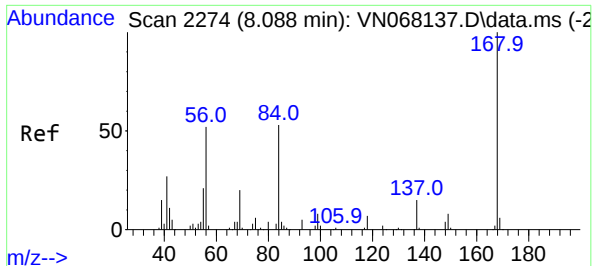
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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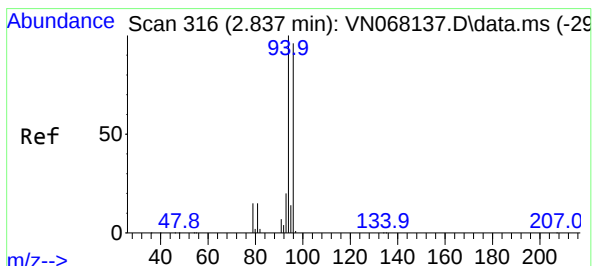
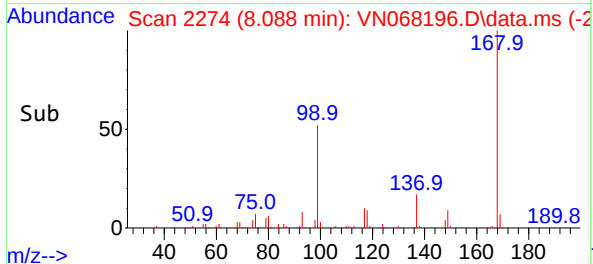
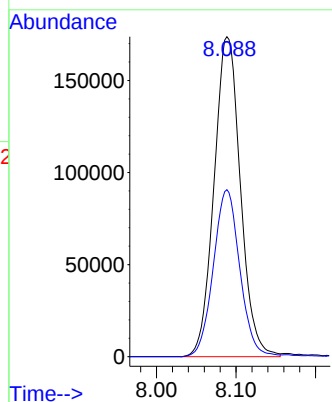
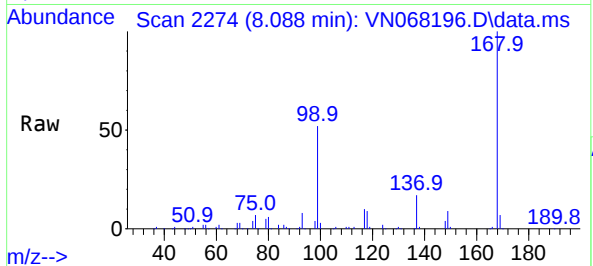




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

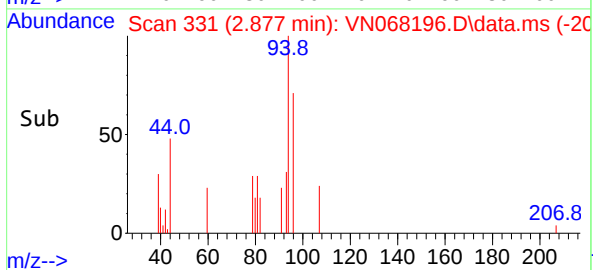
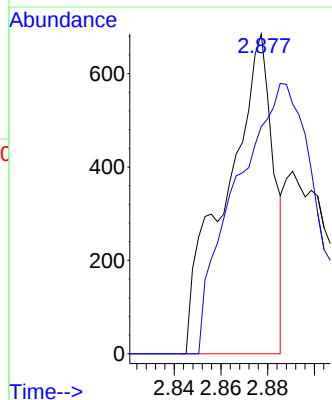
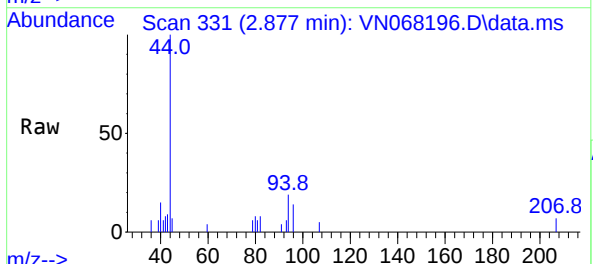
Instrument :
MSVOA_N
ClientSampled :

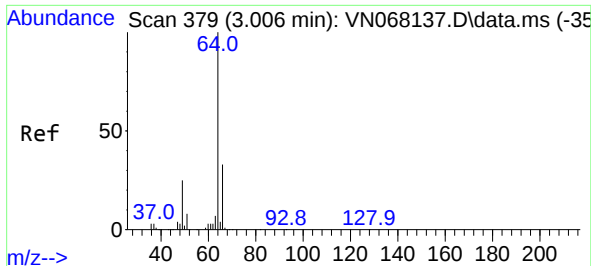
Tgt Ion:168 Resp: 400991
Ion Ratio Lower Upper
168 100
99 52.2 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.877 min Scan# 331
Delta R.T. 0.040 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

Tgt Ion: 94 Resp: 963
Ion Ratio Lower Upper
94 100
96 71.1 73.7 110.5#

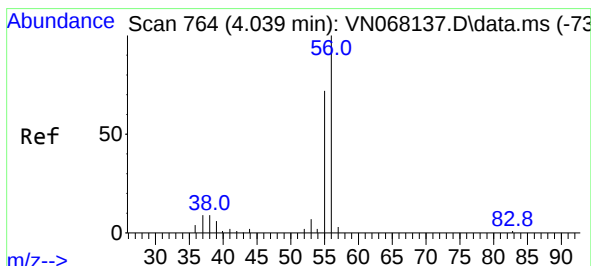
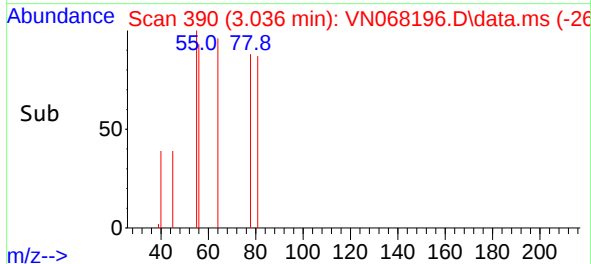
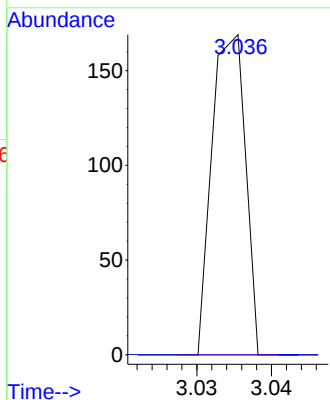
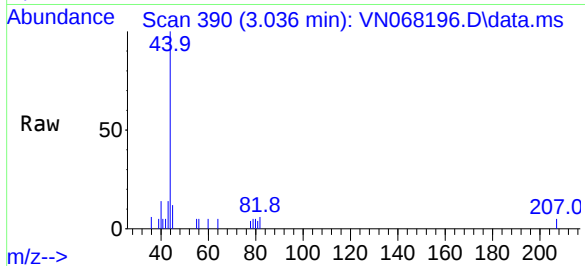




#6
Chloroethane
Concen: Below Cal
RT: 3.036 min Scan# 390
Delta R.T. 0.030 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

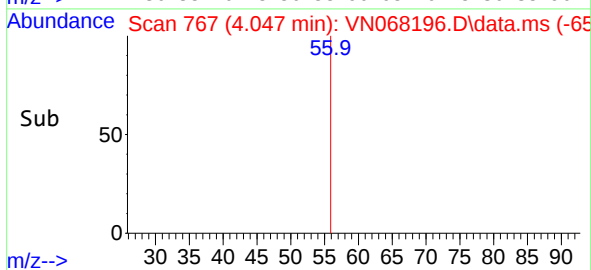
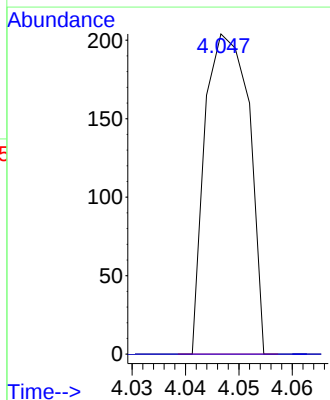
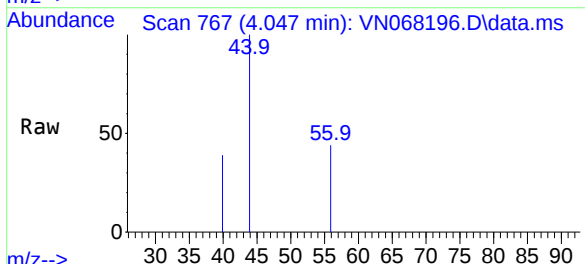
Instrument :
MSVOA_N
ClientSampled :

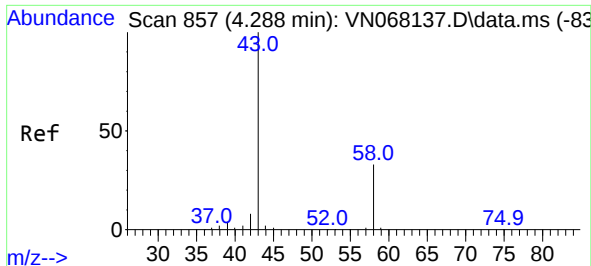
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

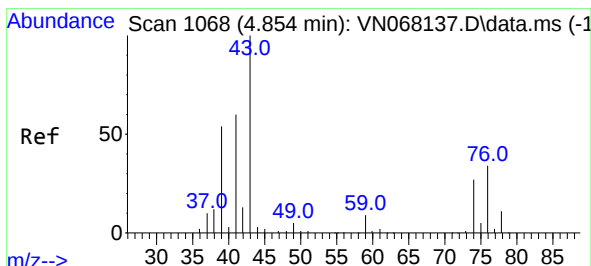
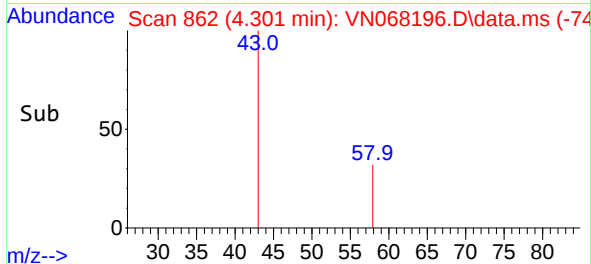
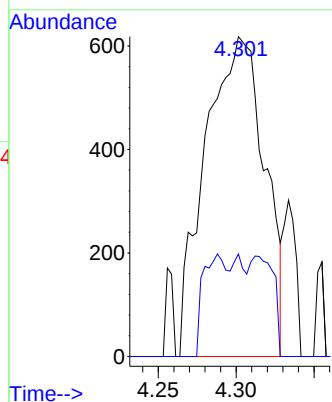
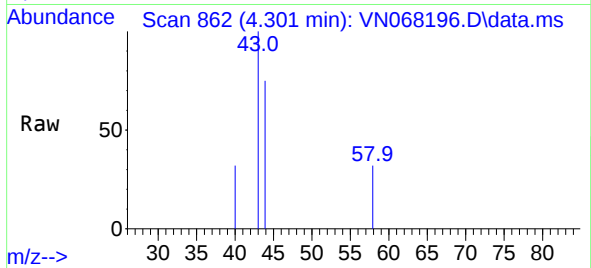




#16
Acetone
Concen: 1.307 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

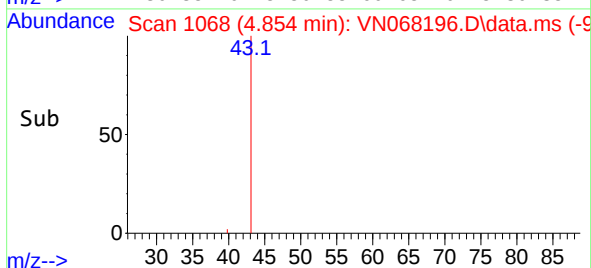
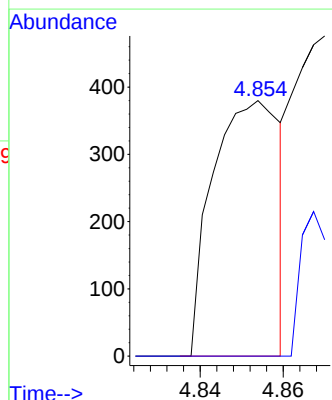
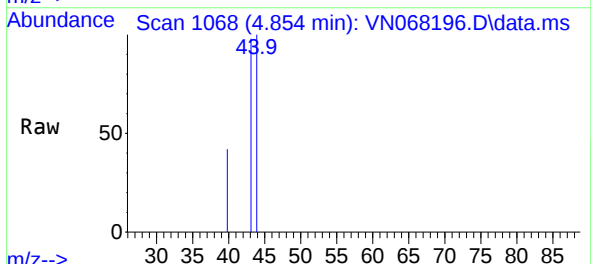
Instrument :
MSVOA_N
ClientSampled :

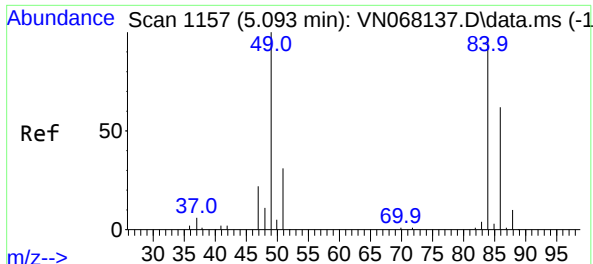
Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 32.0 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

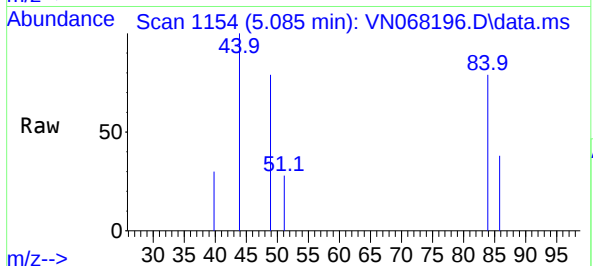
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#





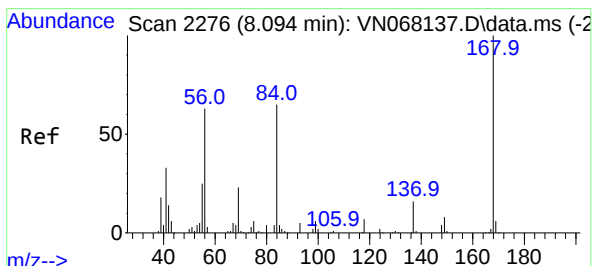
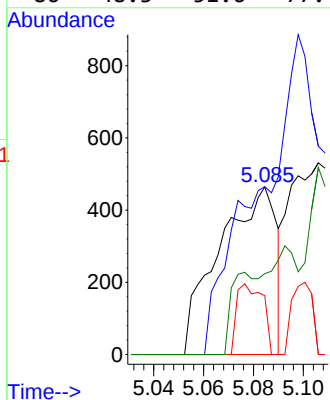
#20
Methylene Chloride
Concen: Below Cal
RT: 5.085 min Scan# 1154
Delta R.T. -0.008 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

Instrument :
MSVOA_N
ClientSampled :

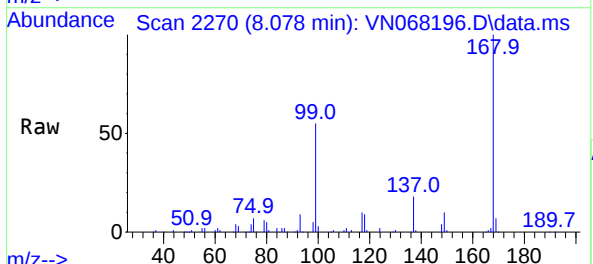


Tgt Ion: 84 Resp: 738

Ion	Ratio	Lower	Upper
84	100		
49	100.2	110.9	166.3#
51	35.1	32.6	49.0
86	48.3	51.6	77.4#

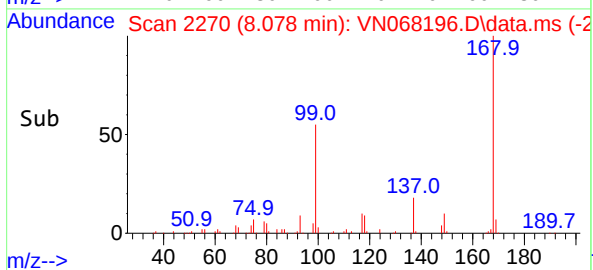
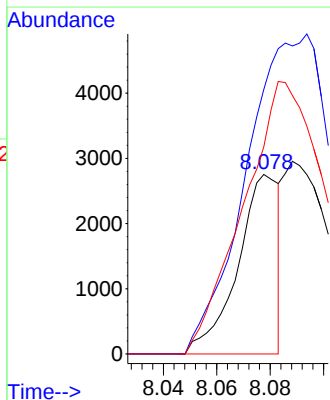


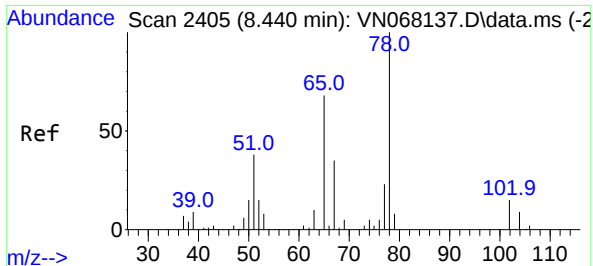
#31
Cyclohexane
Concen: 0.522 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.016 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25



Tgt Ion: 56 Resp: 2942

Ion	Ratio	Lower	Upper
56	100		
69	147.3	27.3	40.9#
84	115.4	64.9	97.3#

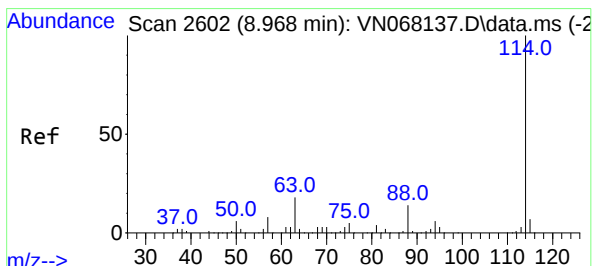
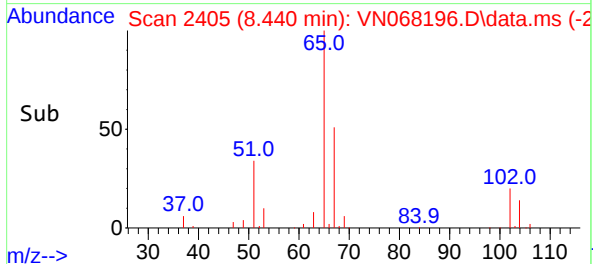
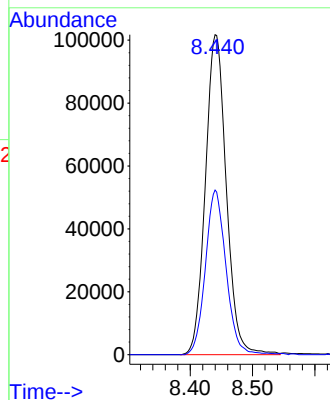
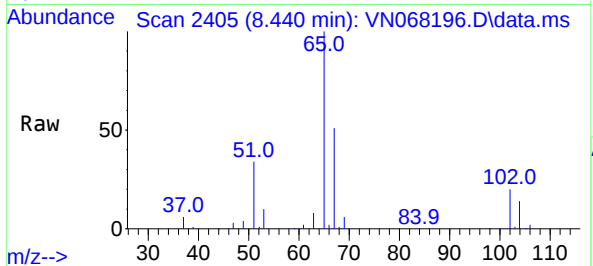




#33
1,2-Dichloroethane-d4
Concen: 55.462 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

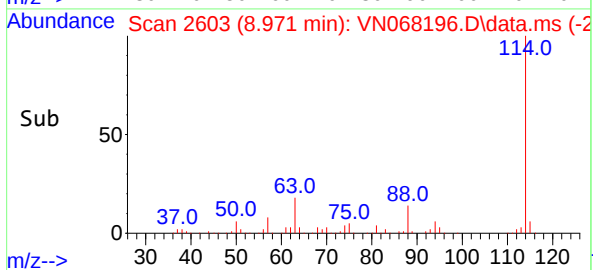
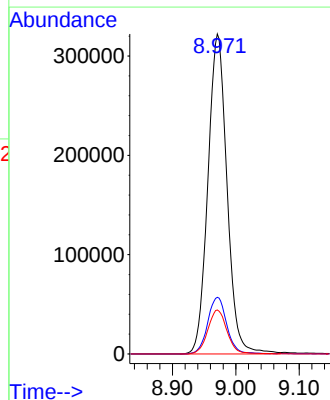
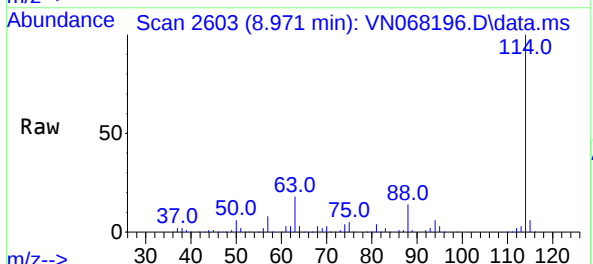
Instrument :
MSVOA_N
ClientSampled :

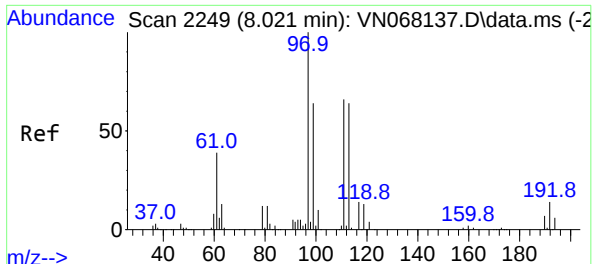
Tgt Ion: 65 Resp: 237460
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

Tgt Ion: 114 Resp: 676053
Ion Ratio Lower Upper
114 100
63 17.7 0.0 49.0
88 13.8 0.0 36.6

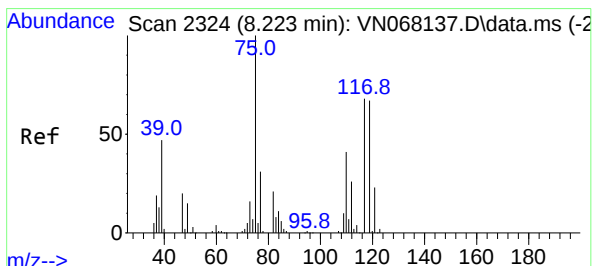
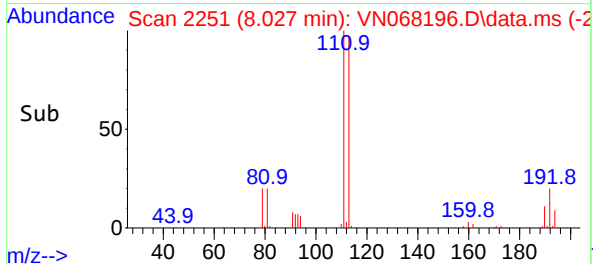
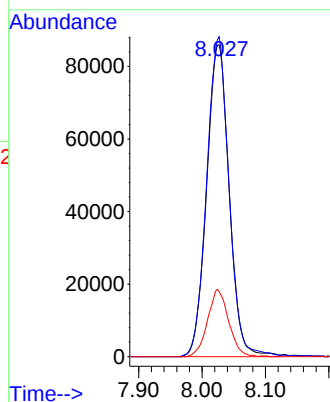
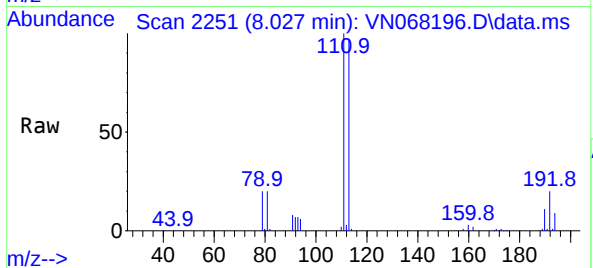




#35
Dibromofluoromethane
Concen: 50.044 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

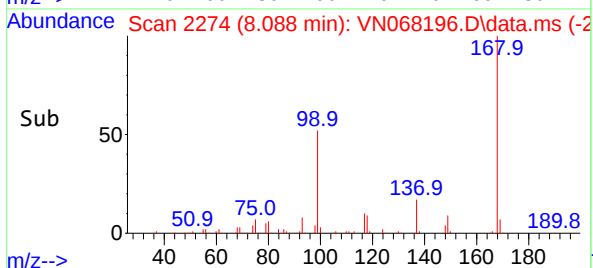
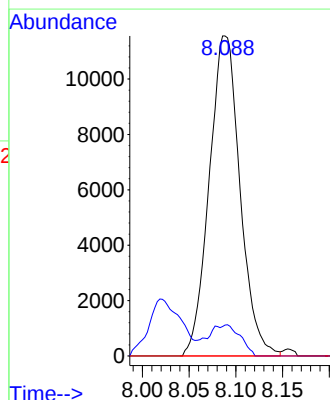
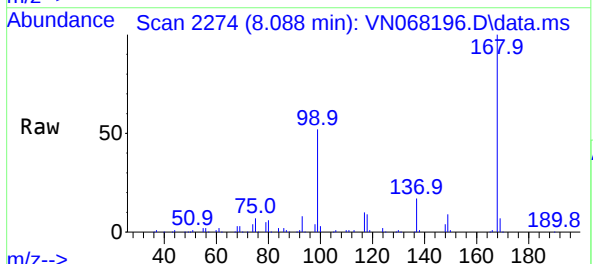
Instrument :
MSVOA_N
ClientSampled :

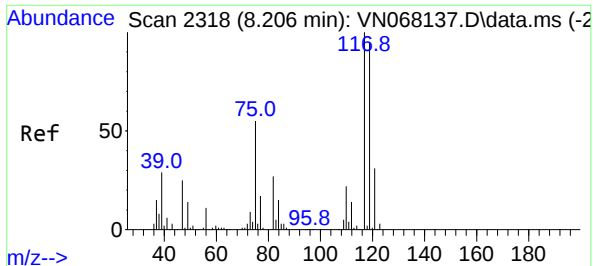
Tgt Ion:113 Resp: 212407
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.8
192 20.1 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

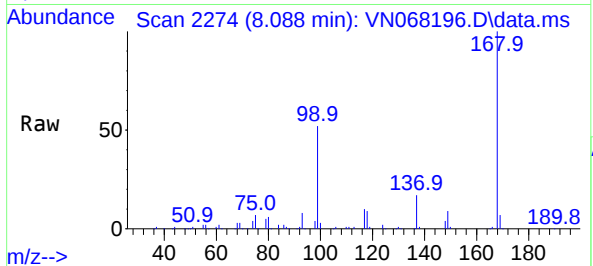
Tgt Ion: 75 Resp: 26513
Ion Ratio Lower Upper
75 100
110 1.0 15.7 47.0#
77 0.0 24.6 37.0#



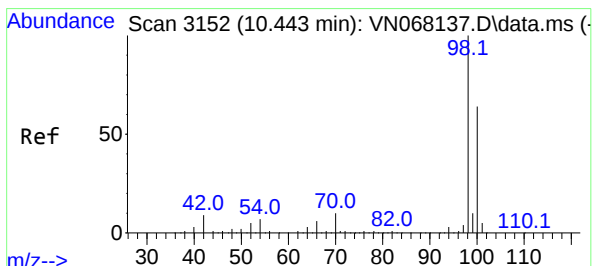
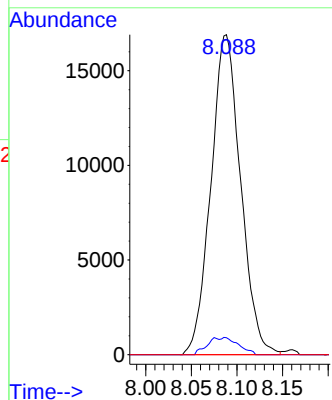
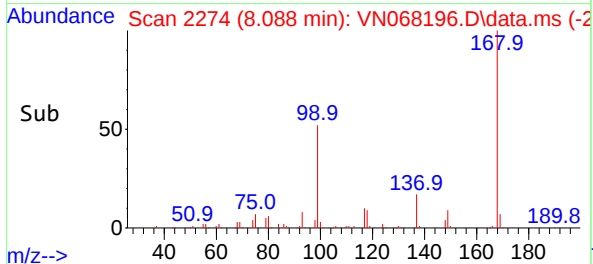


#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

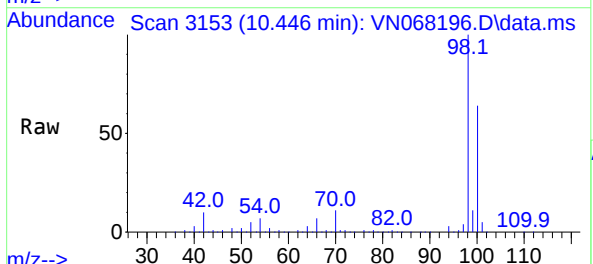
Instrument :
MSVOA_N
ClientSampled :



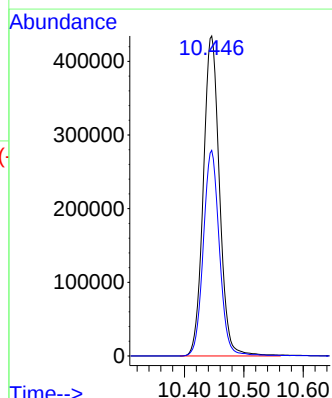
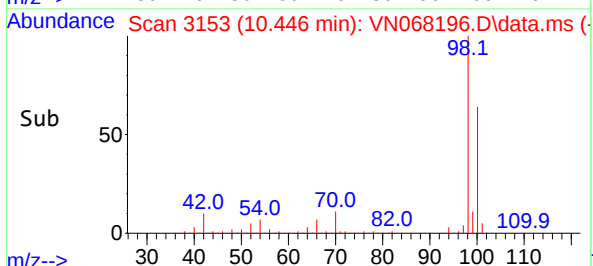
Tgt Ion:117 Resp: 38329
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

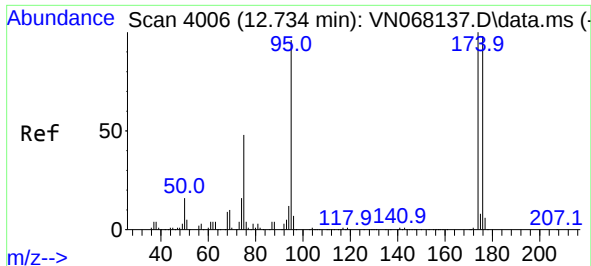


#50
Toluene-d8
Concen: 50.872 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25



Tgt Ion: 98 Resp: 822740
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

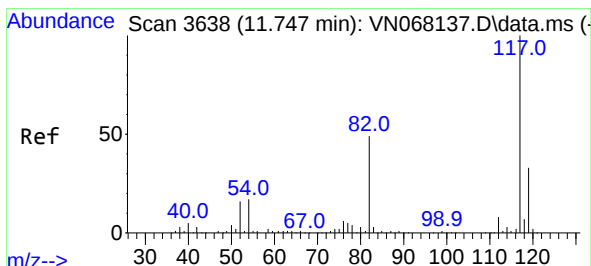
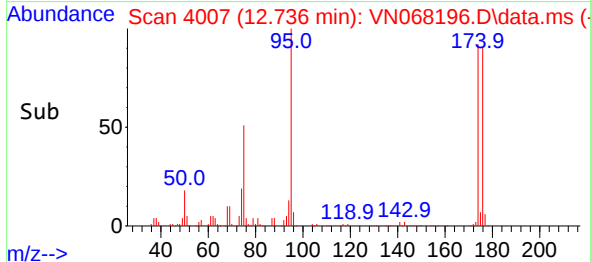
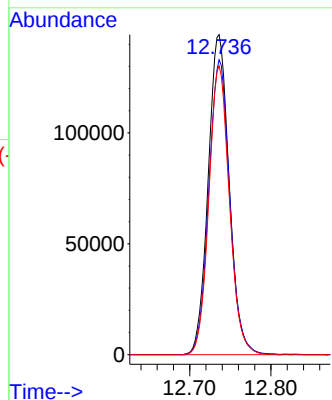
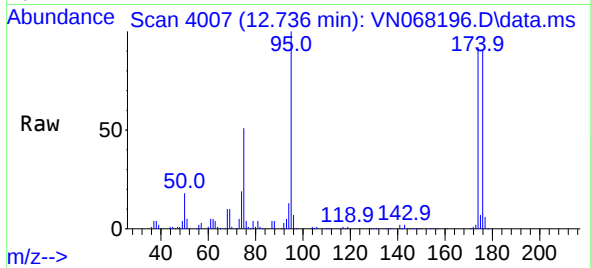




#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

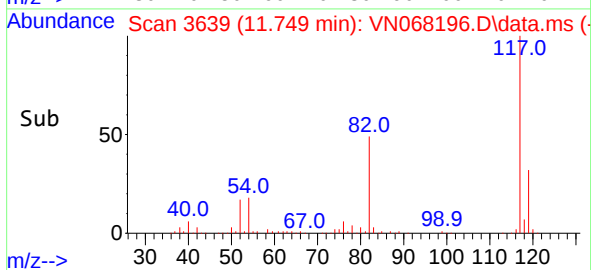
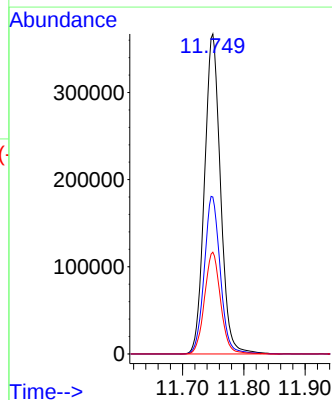
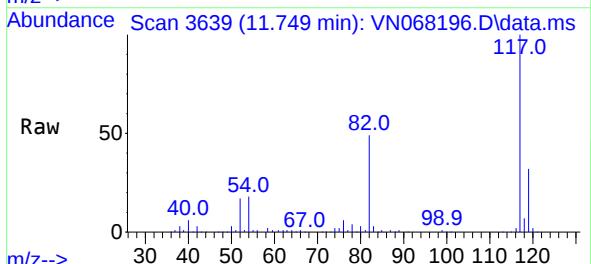
Instrument :
MSVOA_N
ClientSampleId :

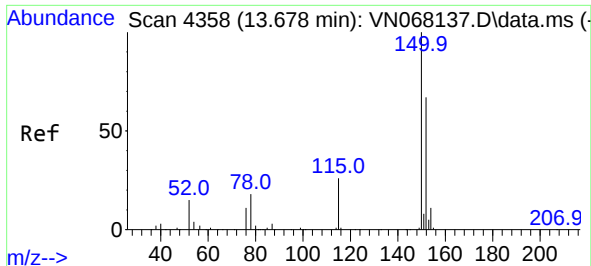
Tgt Ion: 95 Resp: 259261
Ion Ratio Lower Upper
95 100
174 92.0 0.0 122.0
176 88.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

Tgt Ion: 117 Resp: 665609
Ion Ratio Lower Upper
117 100
82 49.1 53.1 79.7#
119 31.8 25.5 38.3

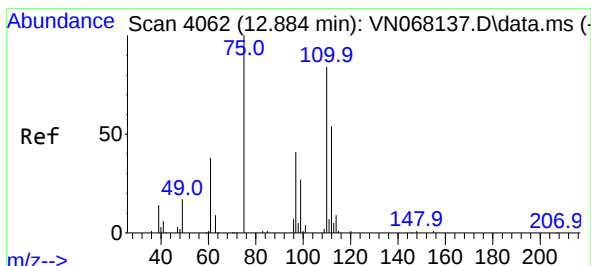
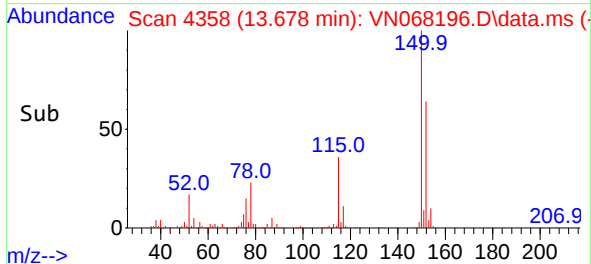
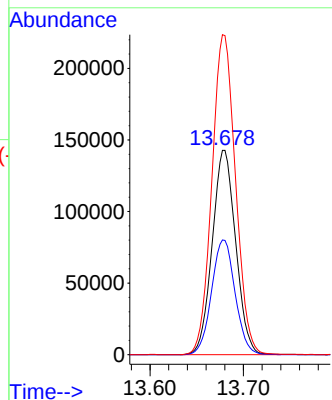
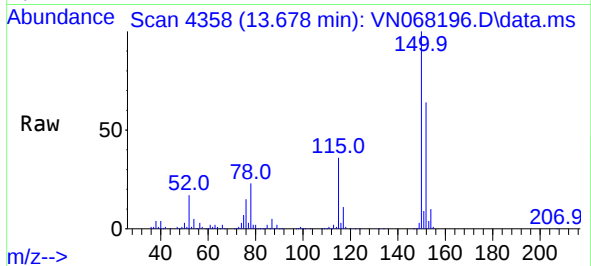




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

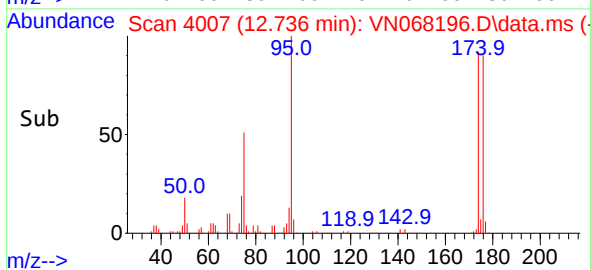
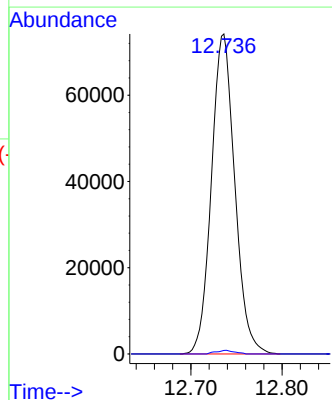
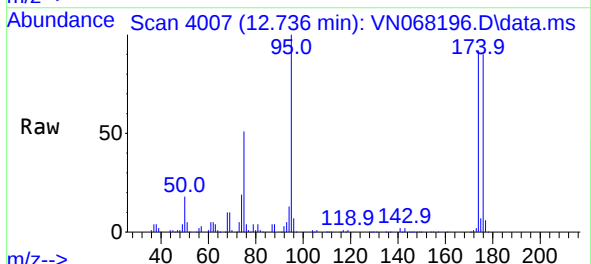
Instrument :
MSVOA_N
ClientSampled :

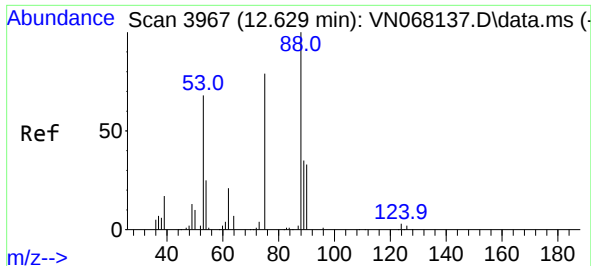
Tgt Ion:152 Resp: 249533
Ion Ratio Lower Upper
152 100
115 56.4 36.1 108.5
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 31.841 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

Tgt Ion: 75 Resp: 132060
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

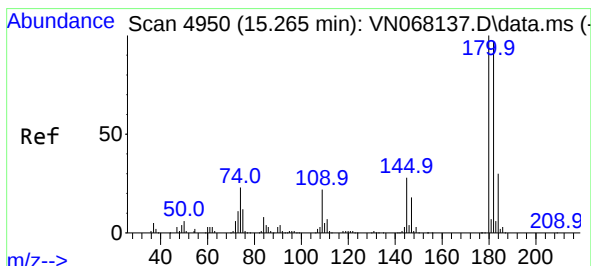
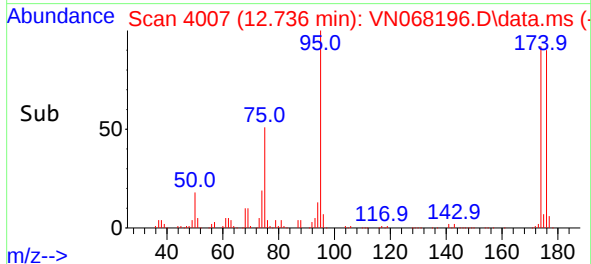
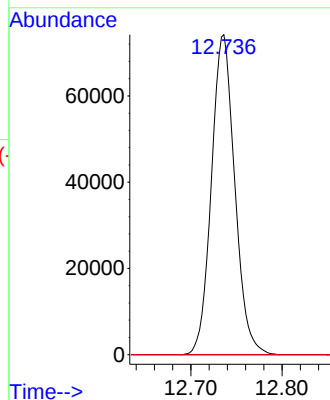
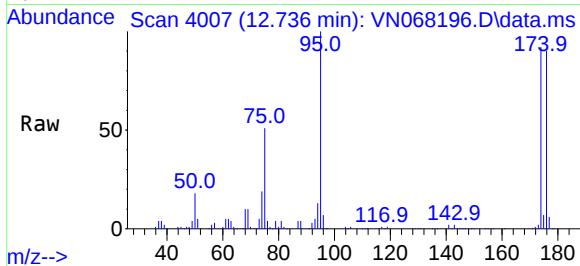




#81
trans-1,4-Dichloro-2-butene
Concen: 104.316 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

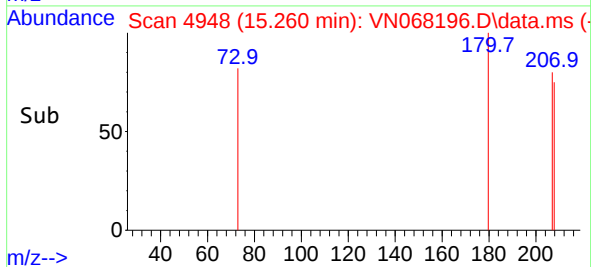
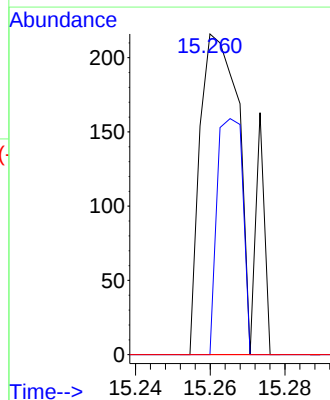
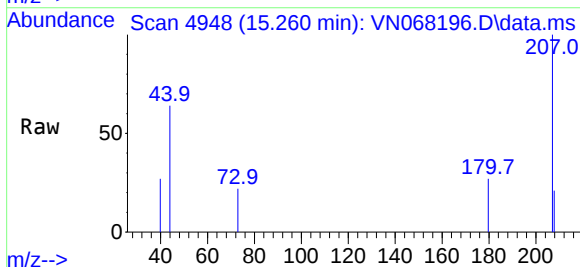
Instrument :
MSVOA_N
ClientSampled :

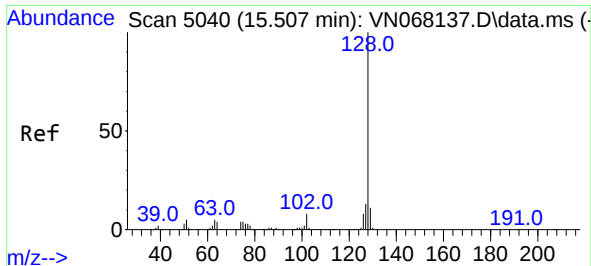
Tgt Ion: 75 Resp: 132060
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.725 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

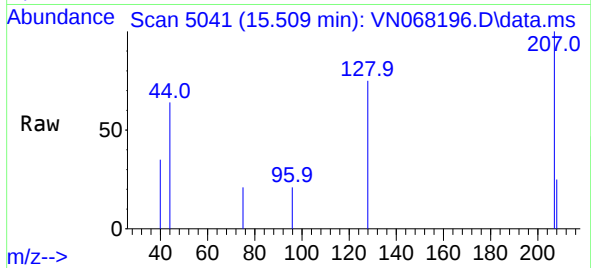
Tgt Ion:180 Resp: 177
Ion Ratio Lower Upper
180 100
182 42.4 47.5 142.5#
145 0.0 17.2 51.6#



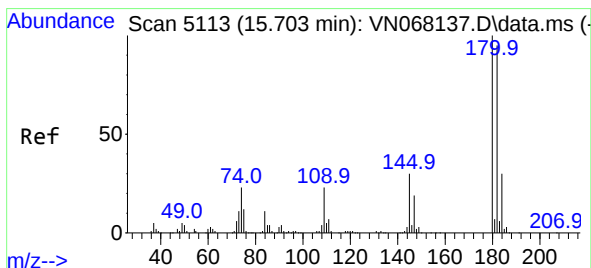
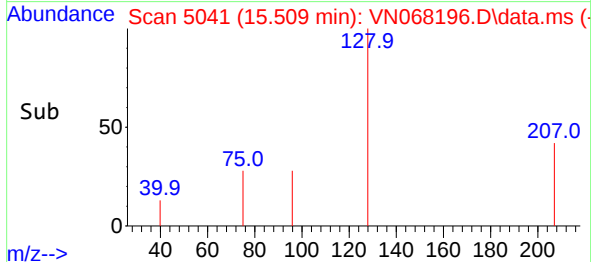
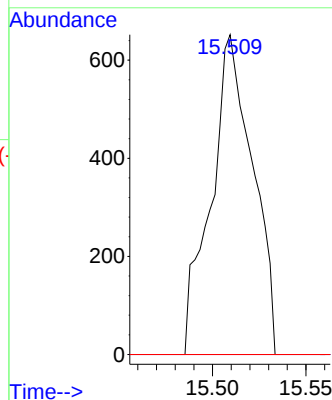


#95
Naphthalene
Concen: 3.441 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25

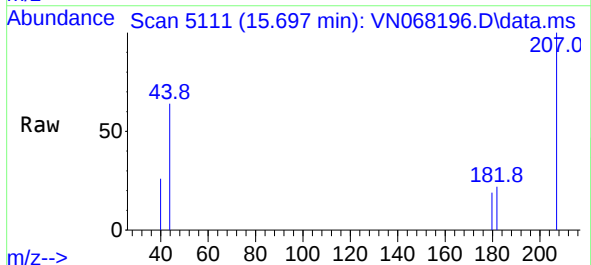
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 1016
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.837 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.006 min
Lab File: VN068196.D
Acq: 18 Aug 2021 16:25



Tgt Ion:180 Resp: 25
Ion Ratio Lower Upper
180 100
182 324.0 47.8 143.3#
145 0.0 18.2 54.6#

