

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068217.D
 Acq On : 19 Aug 2021 15:24
 Operator : JC/MD
 Sample : M3462-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 01:54:25 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)

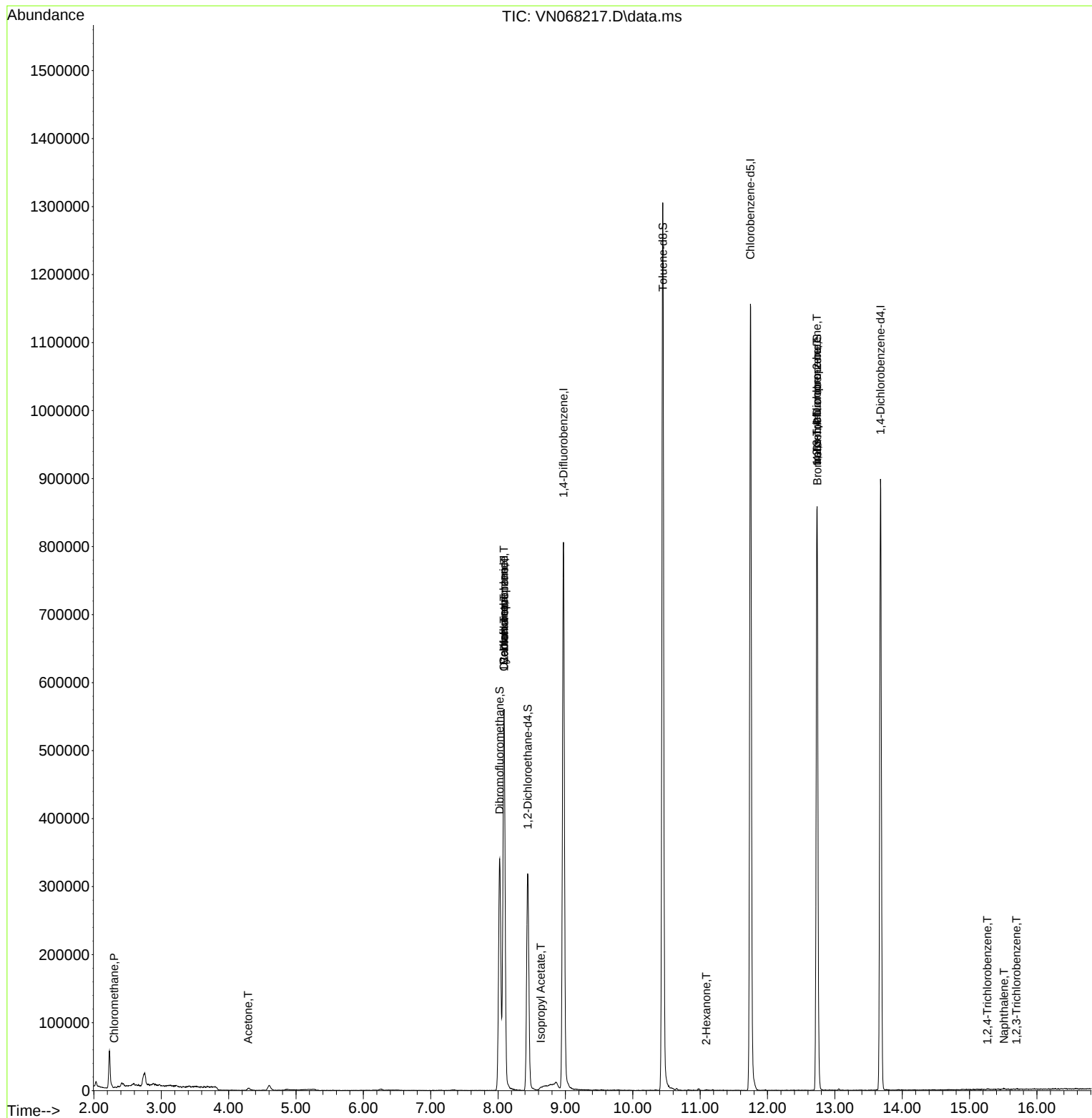
Internal Standards						
1) Pentafluorobenzene	8.088	168	468454	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	771065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	754189	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	269589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	274929	54.966	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 109.940%		
35) Dibromofluoromethane	8.024	113	251955	52.047	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 104.100%		
50) Toluene-d8	10.446	98	973594	52.782	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.560%		
62) 4-Bromofluorobenzene	12.736	95	298593	48.627	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 97.260%		
Target Compounds						
						Qvalue
3) Chloromethane	2.301	50	956	0.228	ug/l	# 82
5) Bromomethane	2.826	94	177	Below Cal	#	4
6) Chloroethane	3.035	64	125	Below Cal	#	44
13) Acrolein	4.044	56	54	Below Cal	#	8
16) Acetone	4.288	43	6139	4.204	ug/l	# 84
18) Methyl Acetate	4.867	43	682	Below Cal	#	72
20) Methylene Chloride	5.090	84	55	Below Cal	#	24
31) Cyclohexane	8.086	56	8090	1.228	ug/l	# 1
36) 1,1-Dichloropropene	8.091	75	30475	4.835	ug/l	# 49
38) Carbon Tetrachloride	8.088	117	43662	6.006	ug/l	# 17
43) Isopropyl Acetate	8.633	43	2191	0.255	ug/l	# 58
59) 2-Hexanone	11.092	43	843	0.230	ug/l	# 47
71) Bromoform	12.739	173	2294	0.491	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	150231	33.527	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	150231	109.841	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.262	180	447	2.779	ug/l	# 68
95) Naphthalene	15.509	128	1874	3.510	ug/l	# 71
96) 1,2,3-Trichlorobenzene	15.697	180	309	2.900	ug/l	# 53

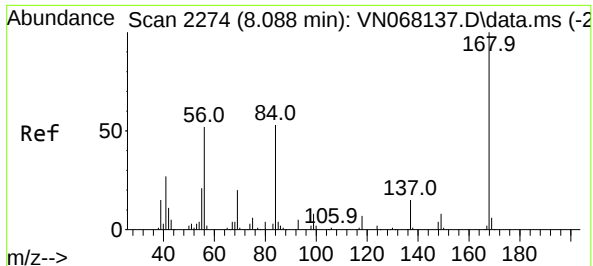
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
Data File : VN068217.D
Acq On : 19 Aug 2021 15:24
Operator : JC/MD
Sample : M3462-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 20 01:54:25 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

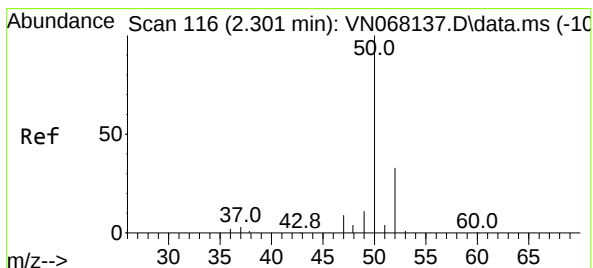
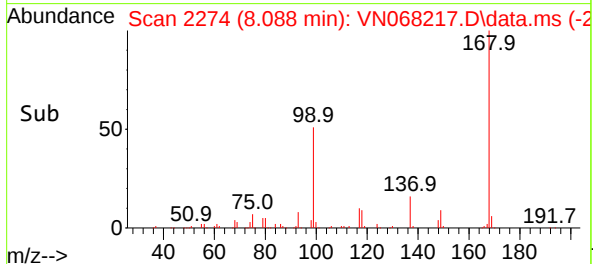
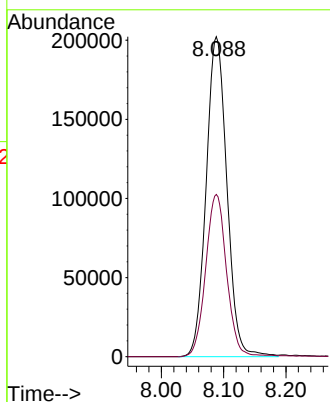
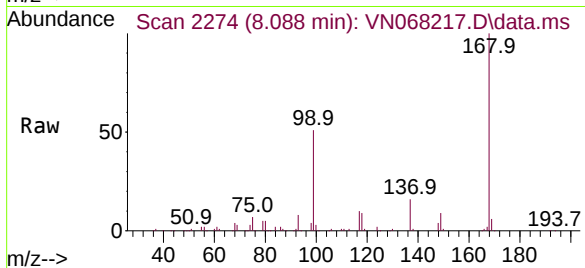




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

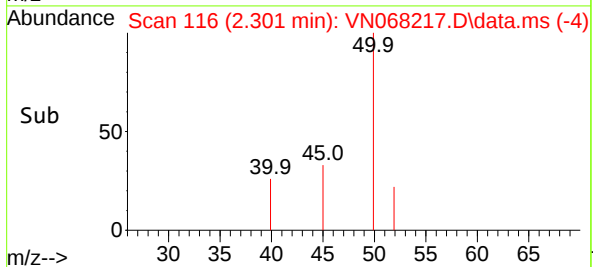
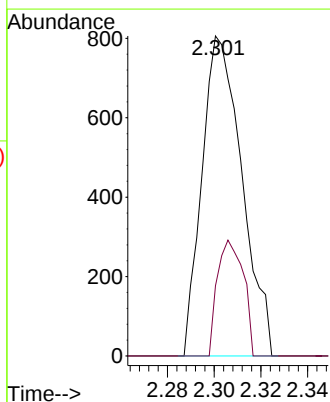
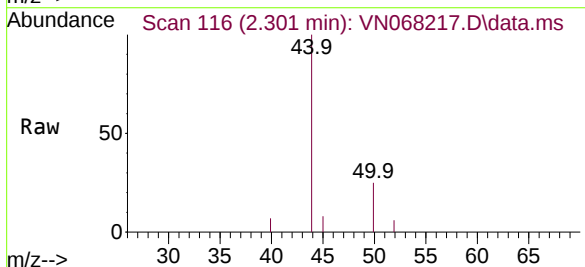
Instrument :
MSVOA_N
ClientSampled :

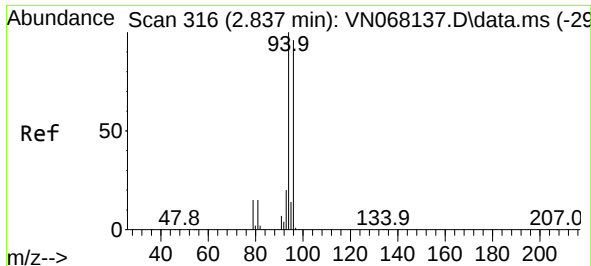
Tgt Ion:168 Resp: 468454
Ion Ratio Lower Upper
168 100
99 50.7 62.9 94.3#



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

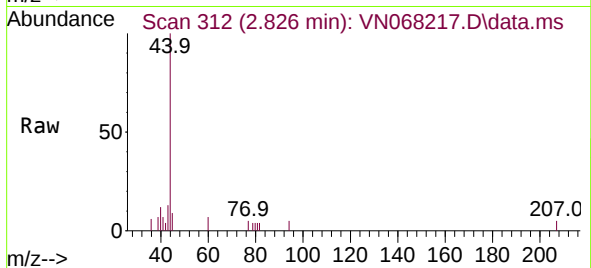
Tgt Ion: 50 Resp: 956
Ion Ratio Lower Upper
50 100
52 22.0 25.6 38.4#



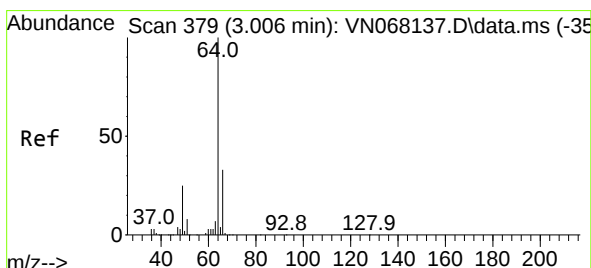
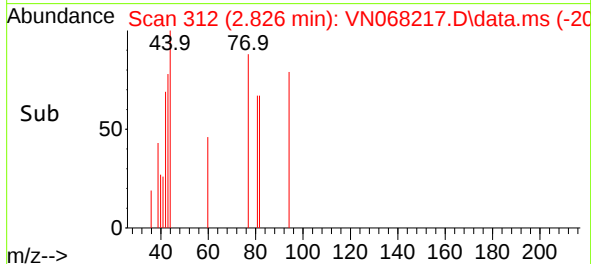
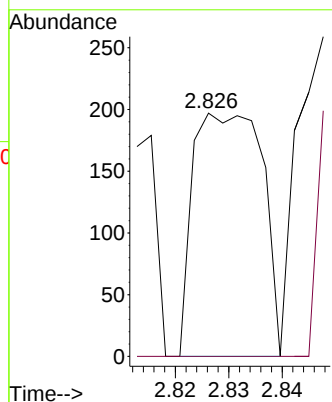


#5
Bromomethane
Concen: Below Cal
RT: 2.826 min Scan# 312
Delta R.T. -0.011 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Instrument :
MSVOA_N
ClientSampled :

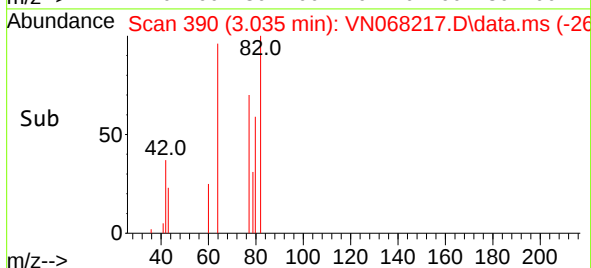
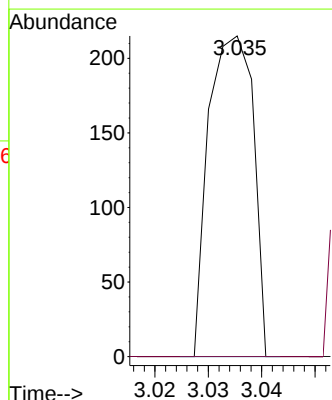
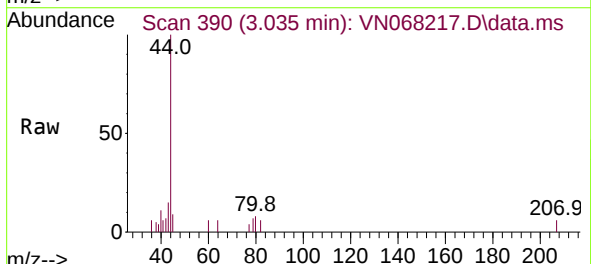


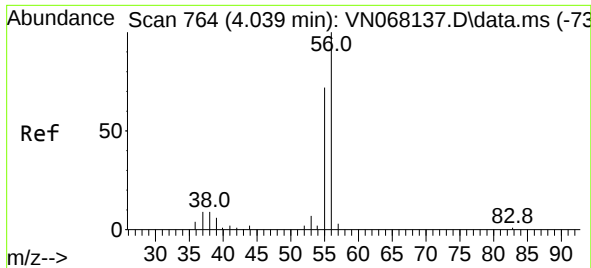
Tgt Ion: 94 Resp: 177
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.035 min Scan# 390
Delta R.T. 0.029 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion: 64 Resp: 125
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

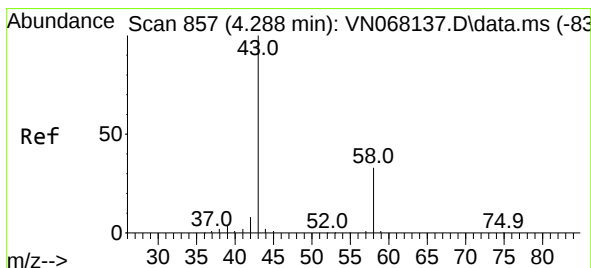
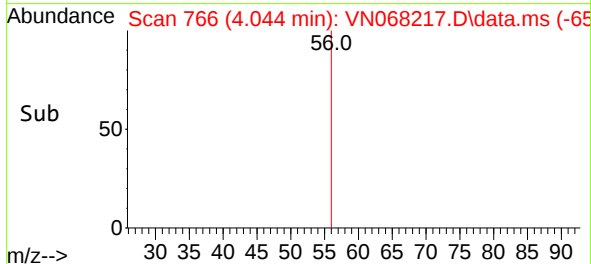
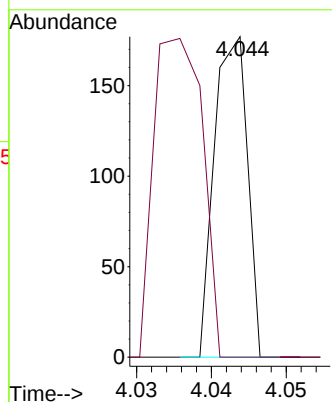
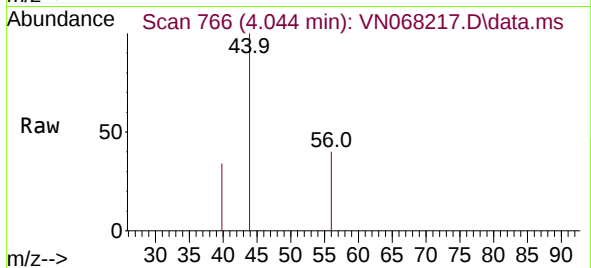




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

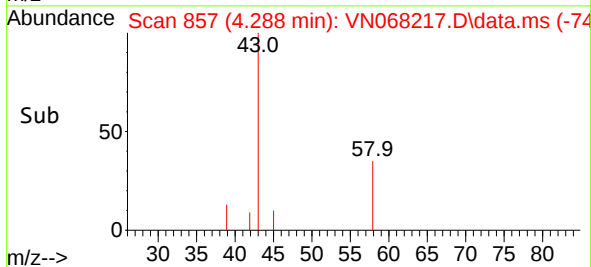
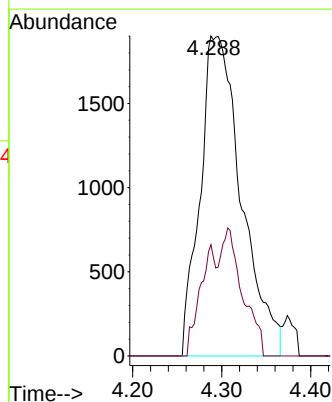
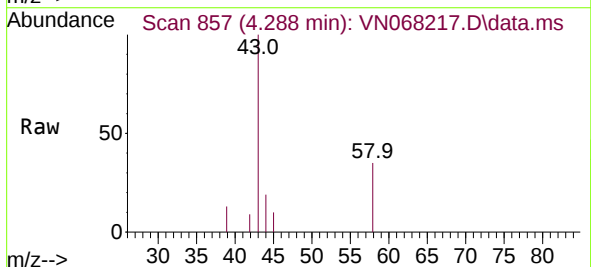
Instrument :
MSVOA_N
ClientSampleId :

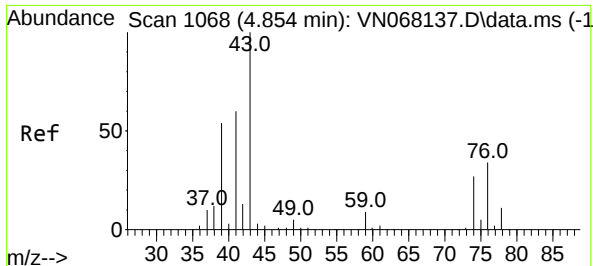
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 148.1 57.4 86.0#



#16
Acetone
Concen: 4.204 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion: 43 Resp: 6139
Ion Ratio Lower Upper
43 100
58 34.8 21.2 31.8#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.867 min Scan# 1073

Delta R.T. 0.013 min

Lab File: VN068217.D

Acq: 19 Aug 2021 15:24

Instrument :

MSVOA_N

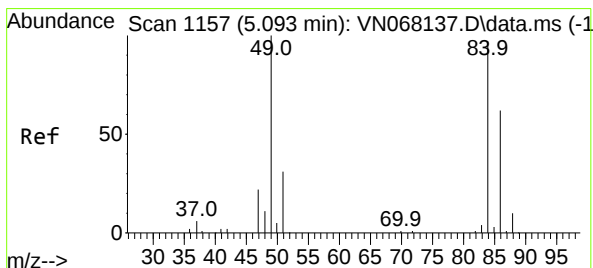
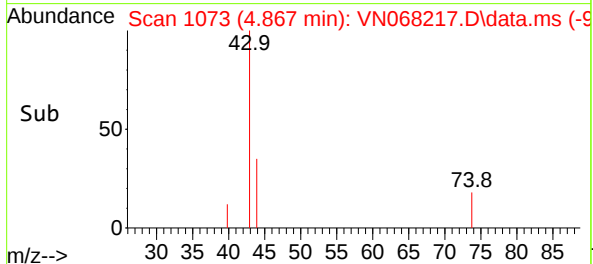
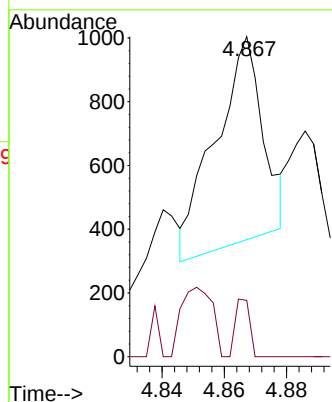
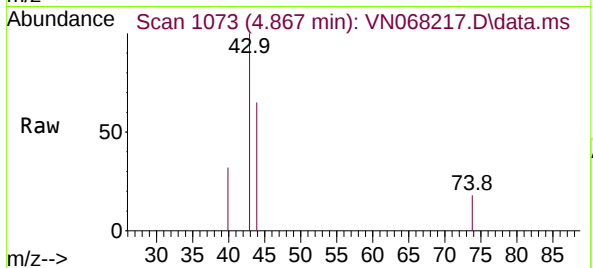
ClientSampled :

Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

74 8.5 17.4 26.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN068217.D

Acq: 19 Aug 2021 15:24

Tgt Ion: 84 Resp: 55

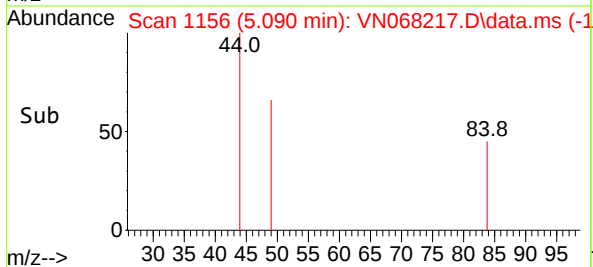
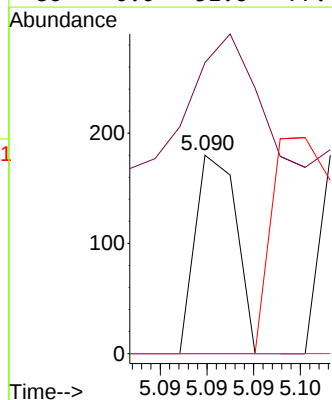
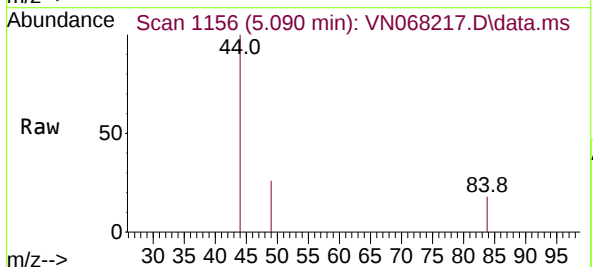
Ion Ratio Lower Upper

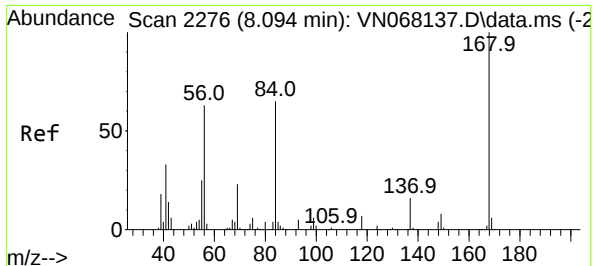
84 100

49 47.2 110.9 166.3#

51 0.0 32.6 49.0#

86 0.0 51.6 77.4#

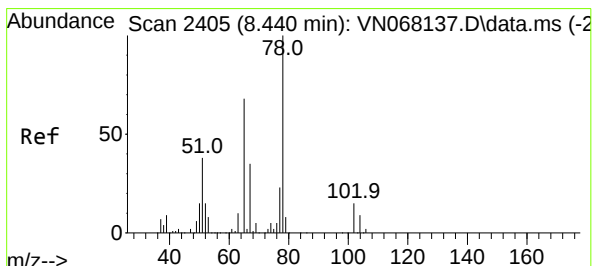
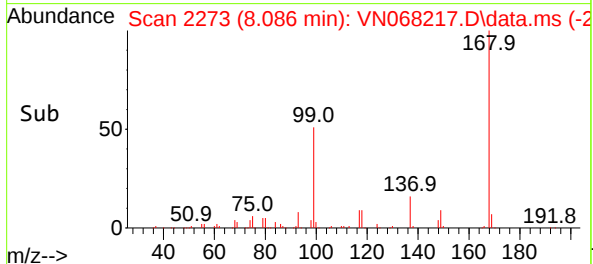
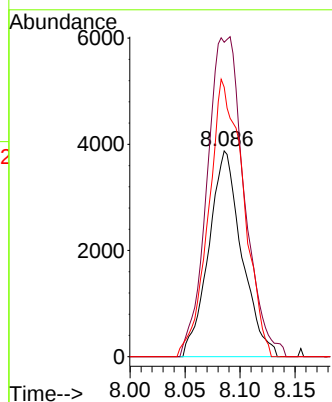
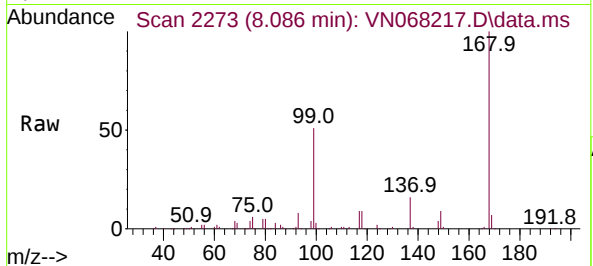




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

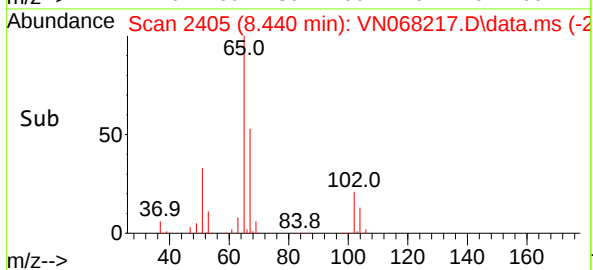
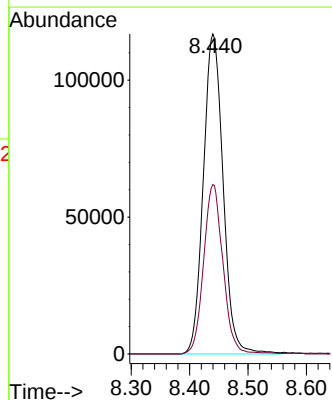
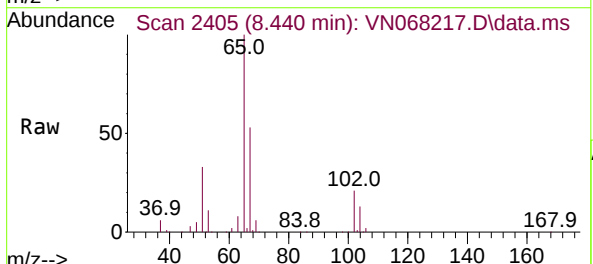
Instrument :
MSVOA_N
ClientSampled :

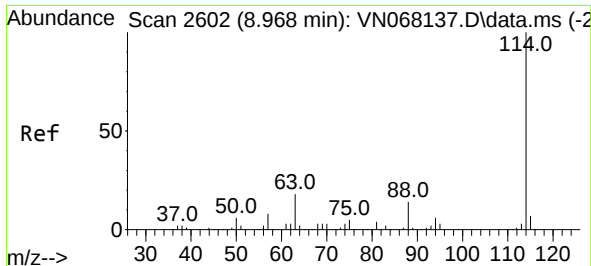
Tgt Ion: 56 Resp: 8090
Ion Ratio Lower Upper
56 100
69 152.9 27.3 40.9#
84 131.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 54.966 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion: 65 Resp: 274929
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.6

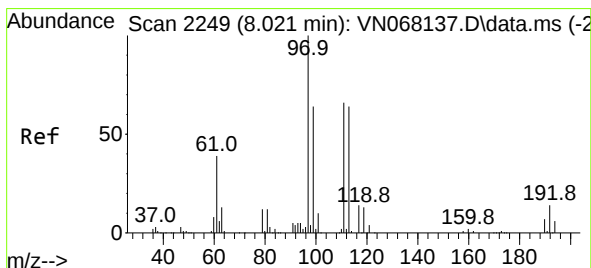
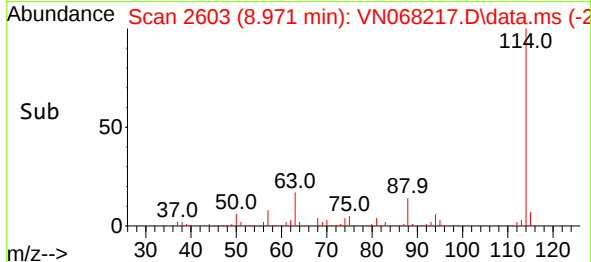
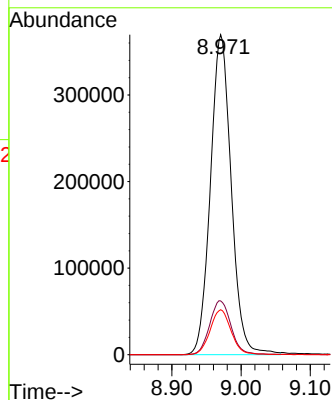
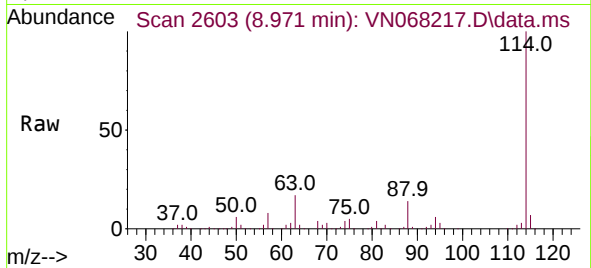




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

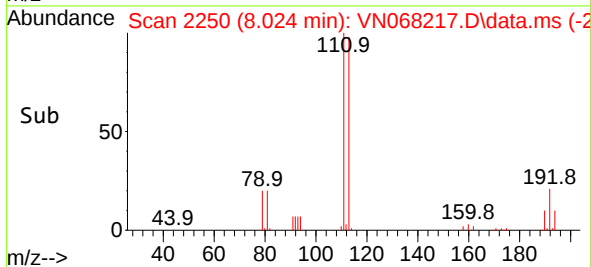
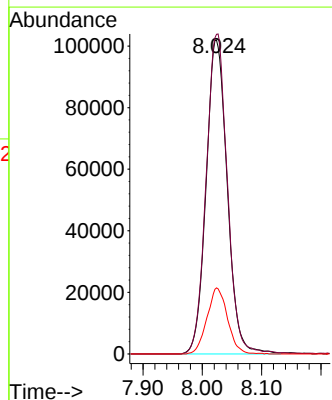
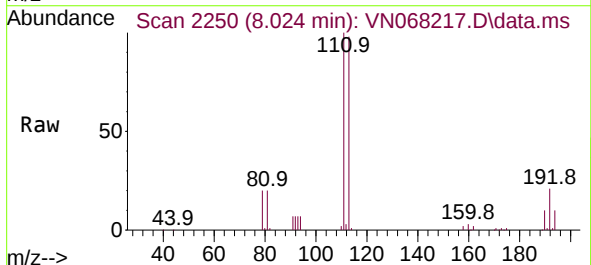
Instrument :
MSVOA_N
ClientSampled :

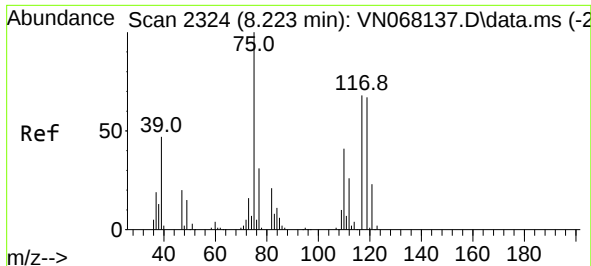
Tgt Ion:114 Resp: 771065
Ion Ratio Lower Upper
114 100
63 16.8 0.0 49.0
88 14.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.047 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion:113 Resp: 251955
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.8
192 20.4 13.4 20.0#

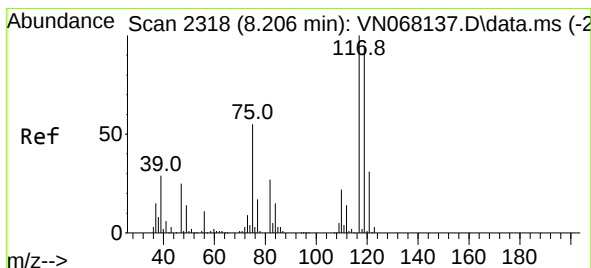
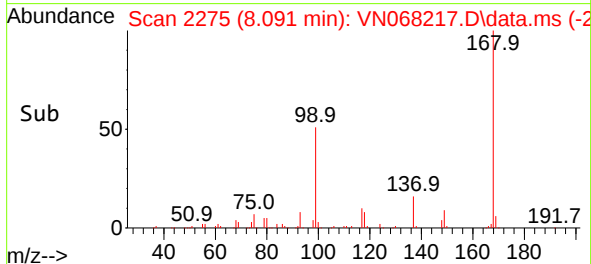
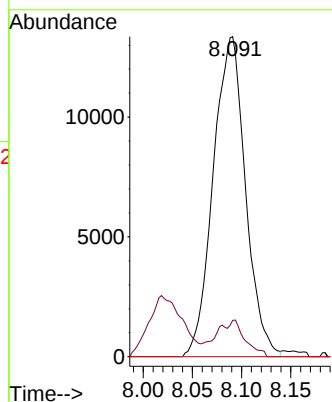
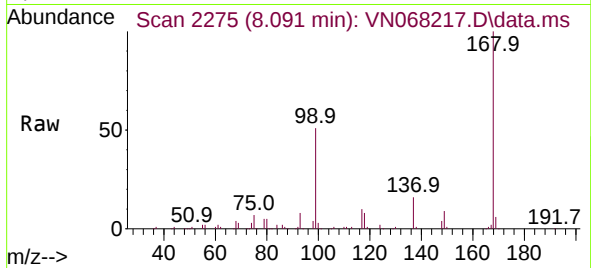




#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.132 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

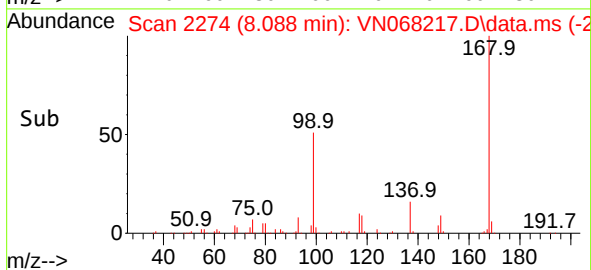
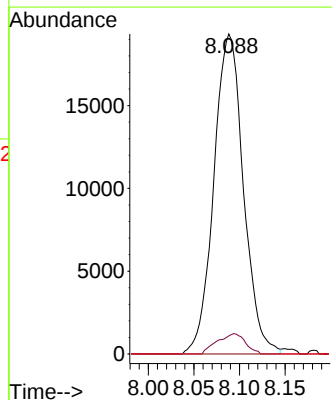
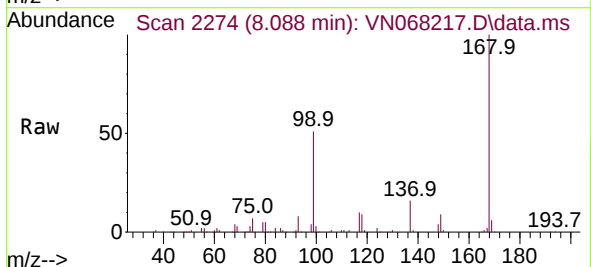
Instrument :
MSVOA_N
ClientSampled :

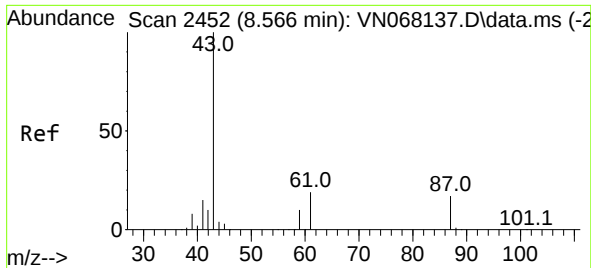
Tgt Ion: 75 Resp: 30475
Ion Ratio Lower Upper
75 100
110 5.5 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion: 117 Resp: 43662
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.2#
121 0.0 23.5 35.3#

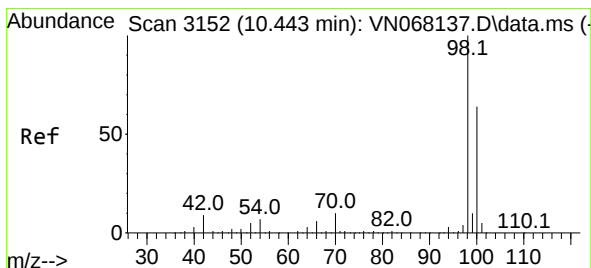
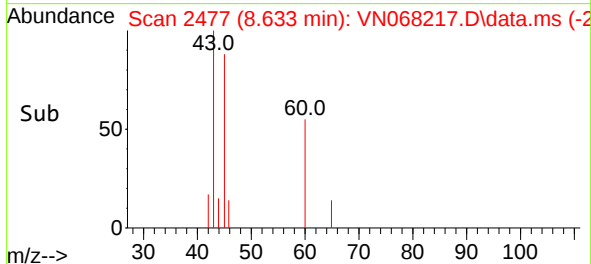
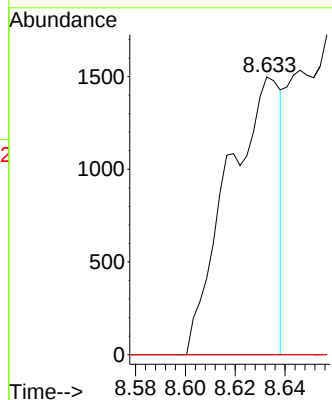
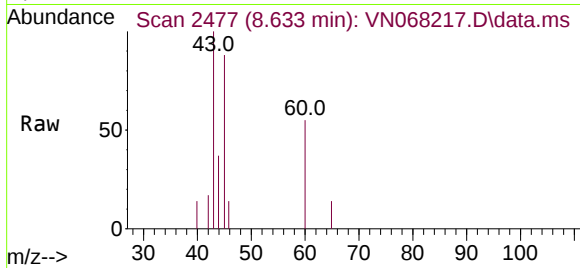




#43
Isopropyl Acetate
Concen: 0.255 ug/l
RT: 8.633 min Scan# 2477
Delta R.T. 0.067 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

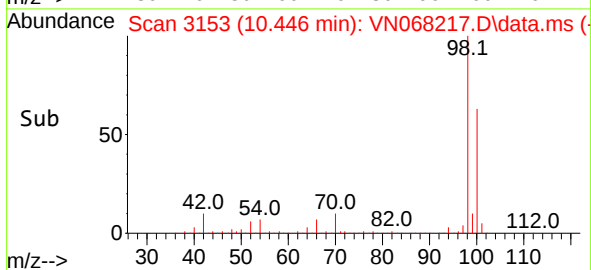
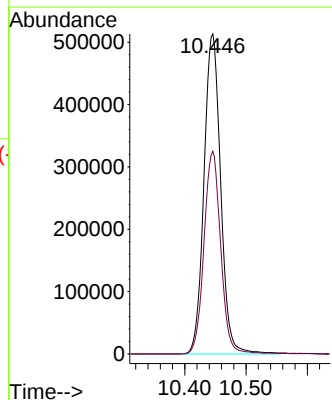
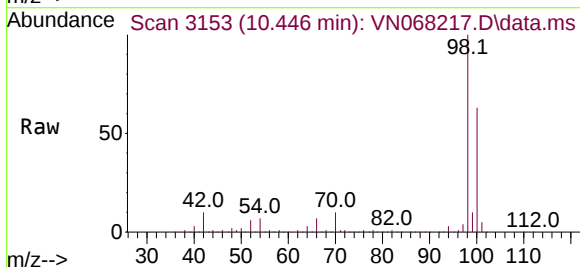
Instrument :
MSVOA_N
ClientSampled :

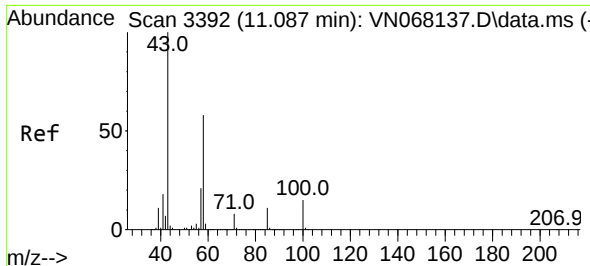
Tgt Ion: 43 Resp: 2191
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 52.782 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion: 98 Resp: 973594
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

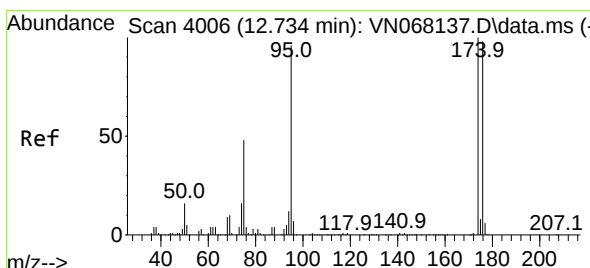
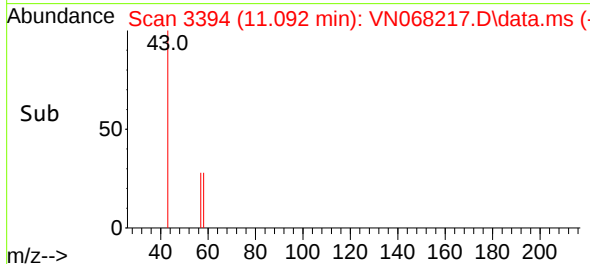
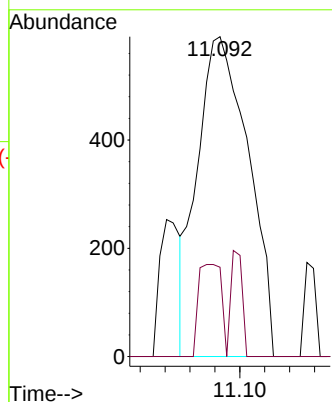
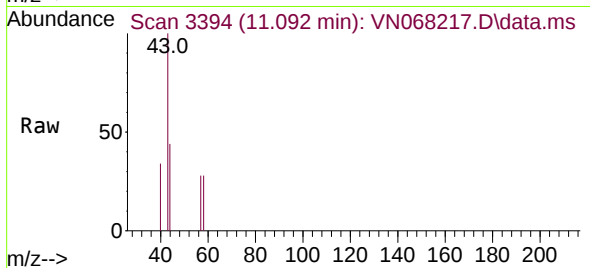




#59
2-Hexanone
Concen: 0.230 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

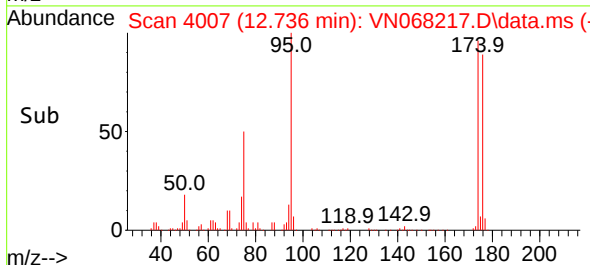
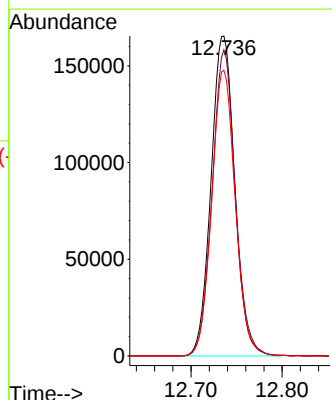
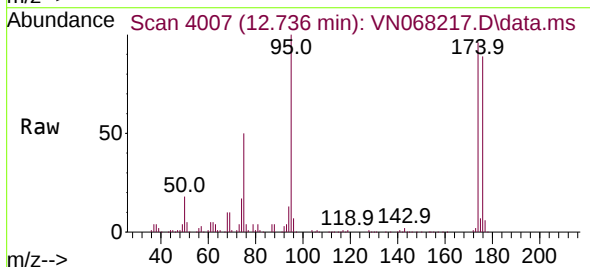
Instrument :
MSVOA_N
ClientSampleId :

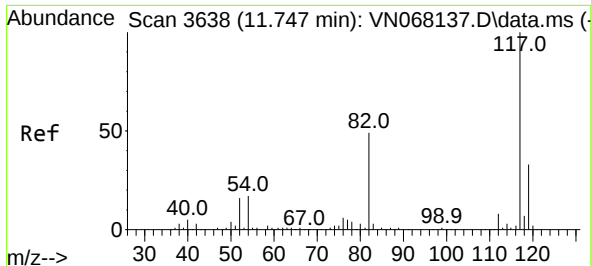
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 12.8 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 48.627 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion: 95 Resp: 298593
Ion Ratio Lower Upper
95 100
174 94.0 0.0 122.0
176 88.6 0.0 117.6

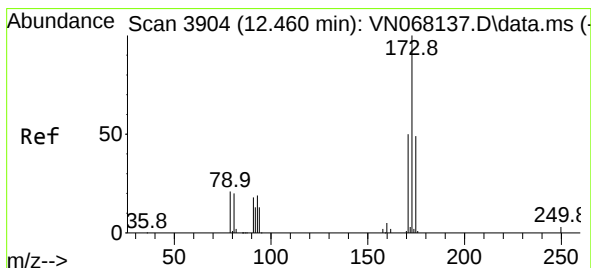
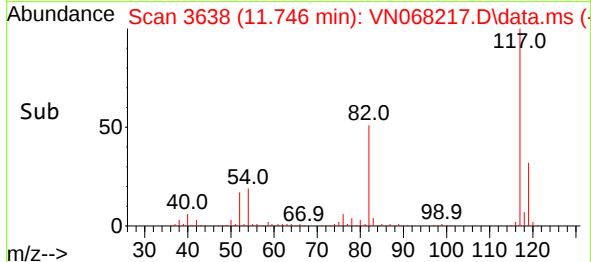
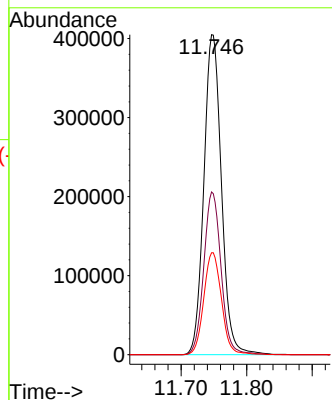
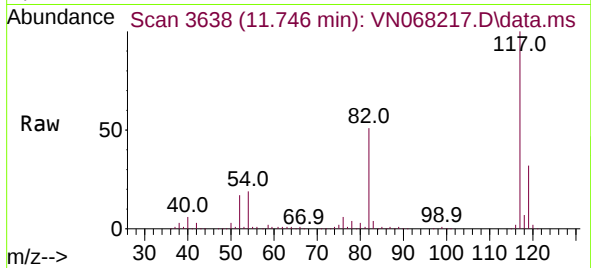




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

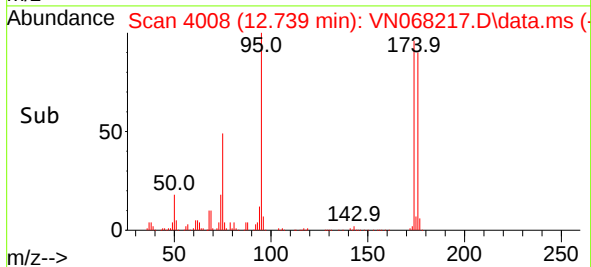
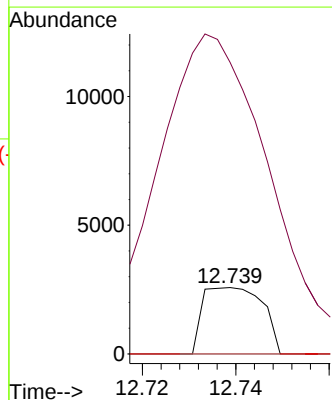
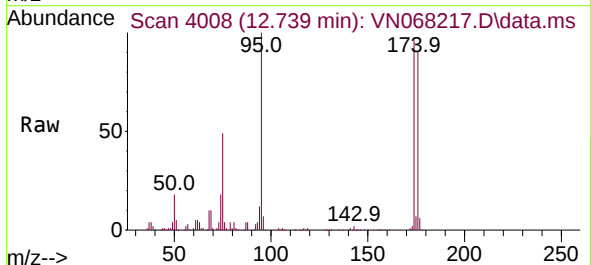
Instrument :
MSVOA_N
ClientSampleId :

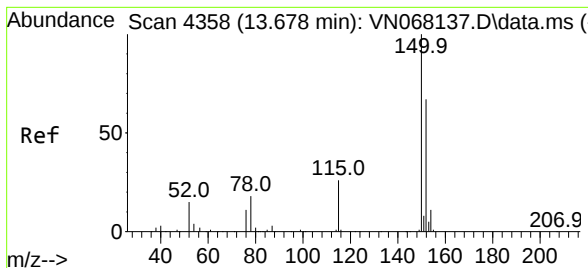
Tgt Ion:117 Resp: 754189
Ion Ratio Lower Upper
117 100
82 50.8 53.1 79.7#
119 31.9 25.5 38.3



#71
Bromoform
Concen: 0.491 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion:173 Resp: 2294
Ion Ratio Lower Upper
173 100
175 847.4 23.9 71.8#
254 0.0 0.0 0.0

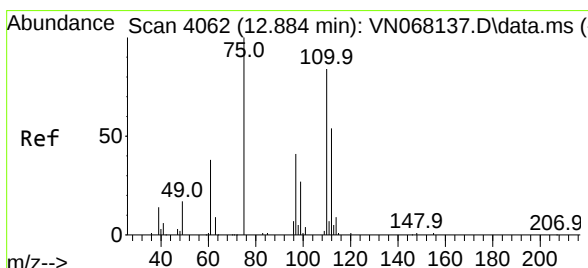
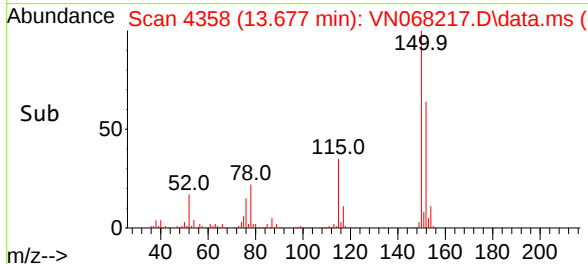
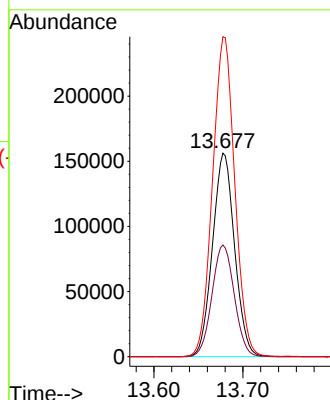
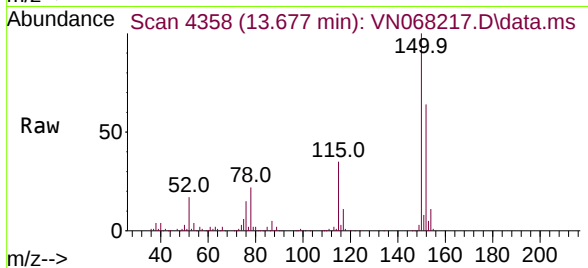




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

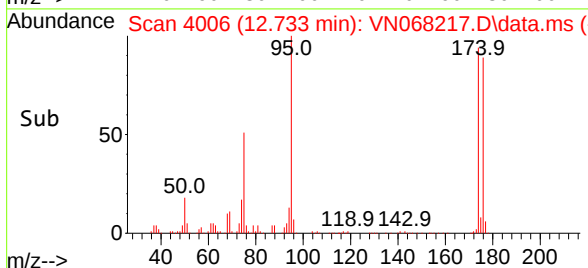
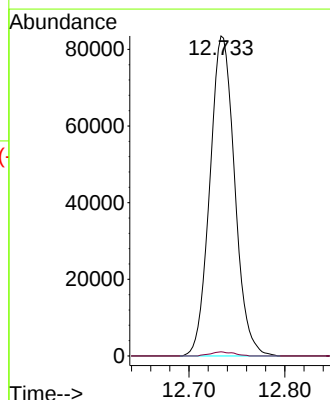
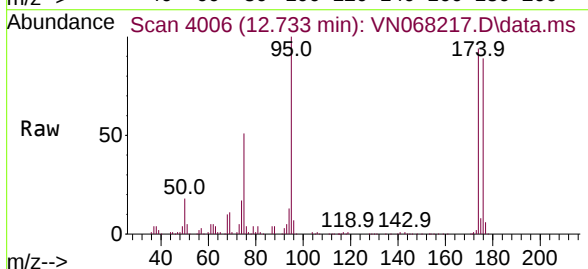
Instrument :
MSVOA_N
ClientSampled :

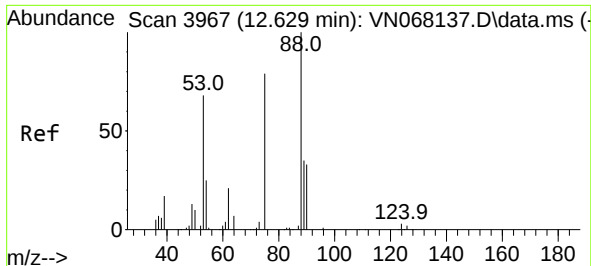
Tgt Ion:152 Resp: 269589
Ion Ratio Lower Upper
152 100
115 55.4 36.1 108.5
150 158.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.527 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion: 75 Resp: 150231
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

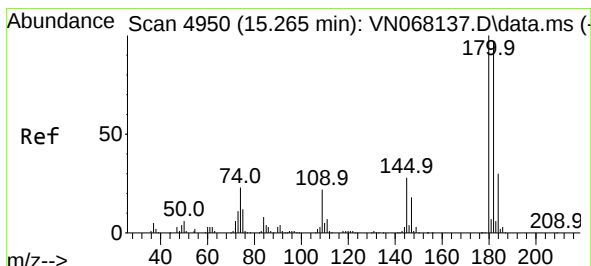
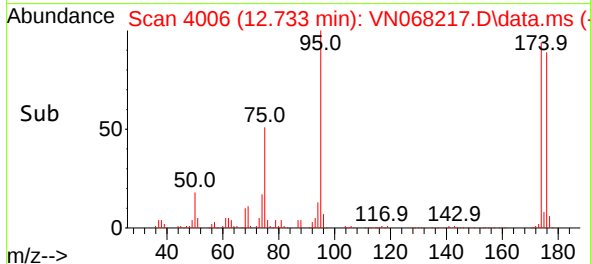
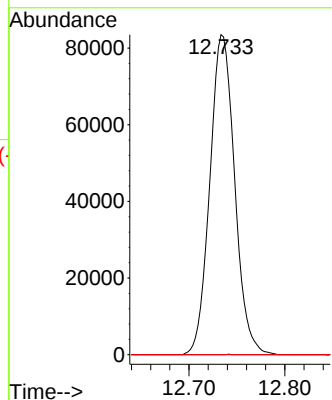
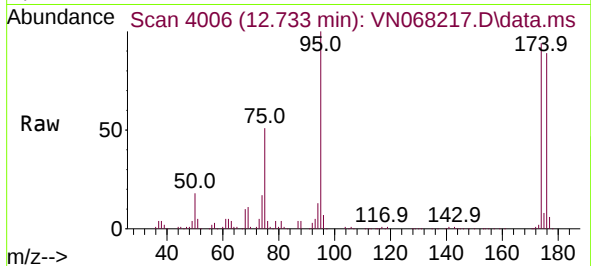




#81
trans-1,4-Dichloro-2-butene
Concen: 109.841 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

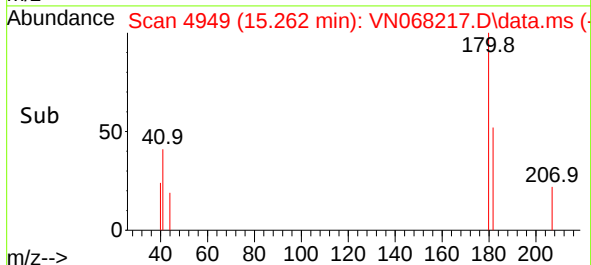
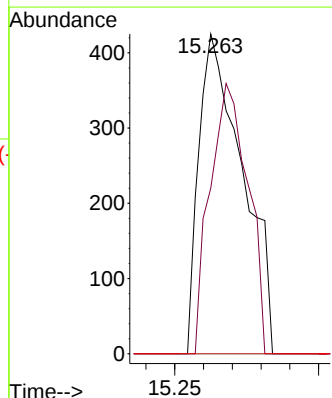
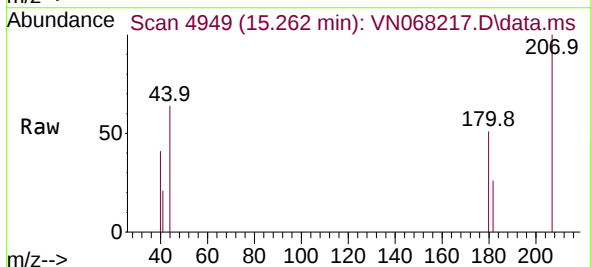
Instrument :
MSVOA_N
ClientSampled :

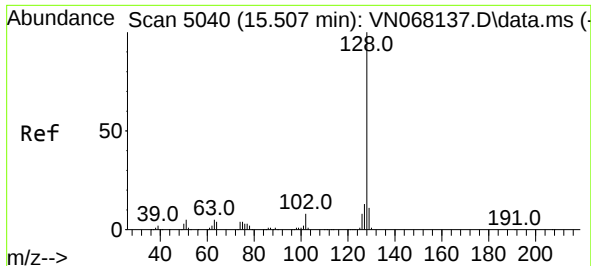
Tgt Ion: 75 Resp: 150231
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.779 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion:180 Resp: 447
Ion Ratio Lower Upper
180 100
182 73.4 47.5 142.5
145 0.0 17.2 51.6#

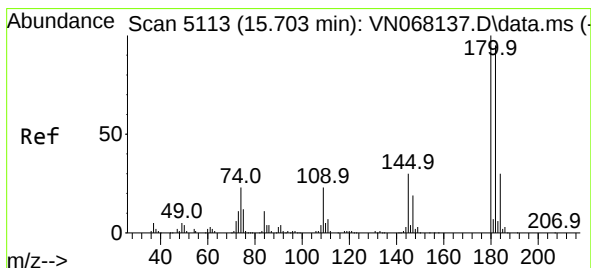
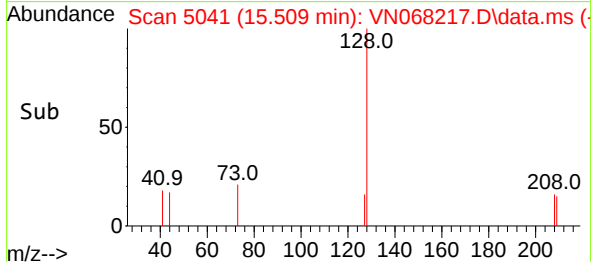
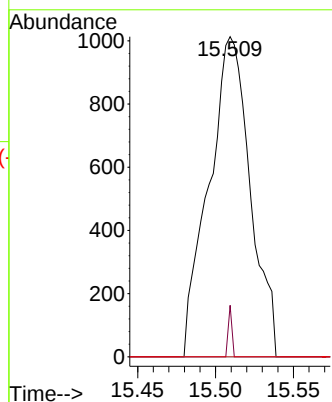
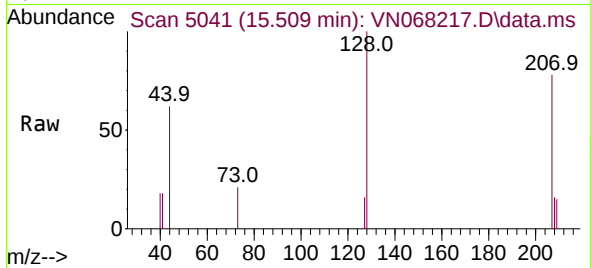




#95
Naphthalene
Concen: 3.510 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 1874
Ion Ratio Lower Upper
128 100
127 1.4 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.900 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.006 min
Lab File: VN068217.D
Acq: 19 Aug 2021 15:24

Tgt Ion:180 Resp: 309
Ion Ratio Lower Upper
180 100
182 54.7 47.8 143.3
145 0.0 18.2 54.6#

