

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068582.D
 Acq On : 21 Sep 2021 15:11
 Operator : JC/MD
 Sample : M3781-11RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 21 16:10:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

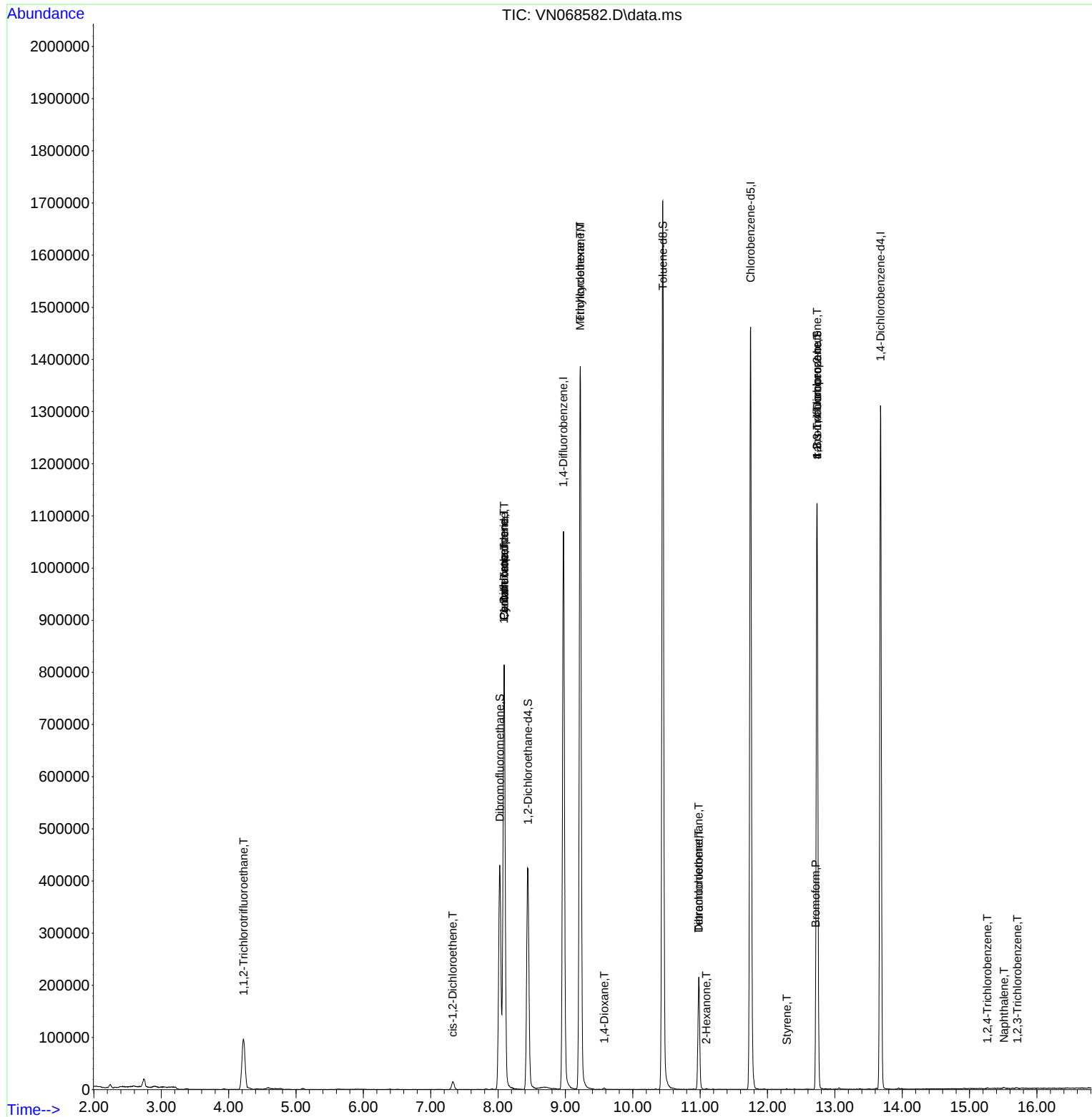
Internal Standards						
1) Pentafluorobenzene	8.091	168	661276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1048033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	951593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	381839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	368759	60.792	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.580%			
35) Dibromofluoromethane	8.027	113	319265	50.509	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.020%			
50) Toluene-d8	10.446	98	1280781	49.446	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.900%			
62) 4-Bromofluorobenzene	12.736	95	381884	45.129	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.260%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	829	Below Cal		95
5) Bromomethane	2.848	94	53	Below Cal	#	3
9) 1,1,2-Trichlorotrifluo...	4.224	101	65436	11.531	ug/l	95
16) Acetone	4.296	43	2612	Below Cal		95
18) Methyl Acetate	4.856	43	251	Below Cal	#	45
20) Methylene Chloride	5.095	84	767	Below Cal	#	85
27) cis-1,2-Dichloroethene	7.327	96	9894	1.420	ug/l	92
31) Cyclohexane	8.091	56	12146	1.321	ug/l	# 25
36) 1,1-Dichloropropene	8.088	75	46142	5.281	ug/l	# 47
38) Carbon Tetrachloride	8.091	117	64534	6.165	ug/l	# 15
39) Methylcyclohexane	9.217	83	6820	0.617	ug/l	# 1
44) Trichloroethene	9.220	130	536424	65.507	ug/l	94
49) 1,4-Dioxane	9.577	88	1940	17.271	ug/l	# 76
59) 2-Hexanone	11.089	43	1136	0.253	ug/l	81
60) Dibromochloromethane	10.979	129	46312	6.587	ug/l	# 11
64) Tetrachloroethene	10.979	164	52788	6.259	ug/l	98
70) Styrene	12.288	104	207	1.763	ug/l	# 47
71) Bromoform	12.715	173	178	2.549	ug/l	# 29
76) 1,2,3-Trichloropropane	12.736	75	188910	35.662	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.736	75	188910	109.643	ug/l	# 13
93) 1,2,4-Trichlorobenzene	15.265	180	682	3.049	ug/l	# 58
95) Naphthalene	15.512	128	2612	3.657	ug/l	# 86
96) 1,2,3-Trichlorobenzene	15.708	180	743	3.078	ug/l	# 81

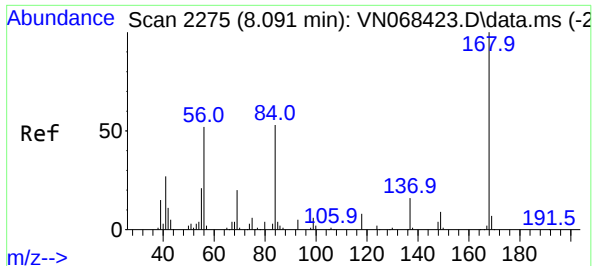
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
Data File : VN068582.D
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Quant Time: Sep 21 16:10:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 17 11:02:11 2021
Response via : Initial Calibration

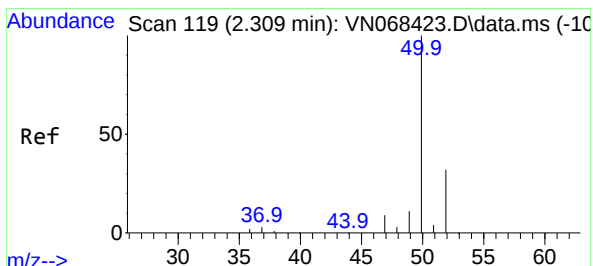
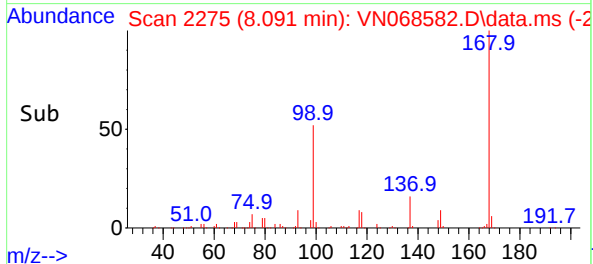
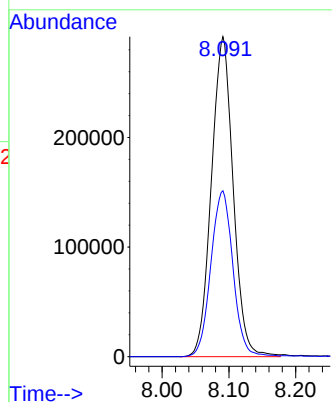
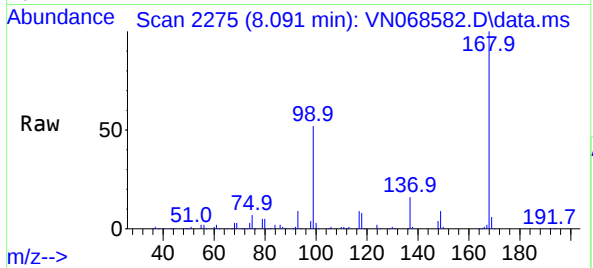




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

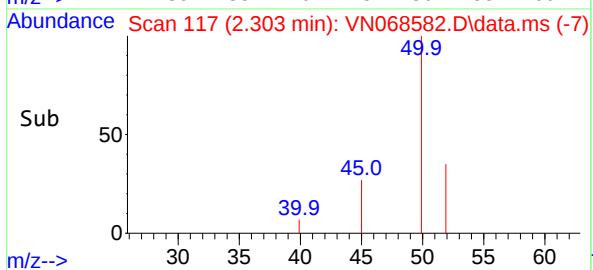
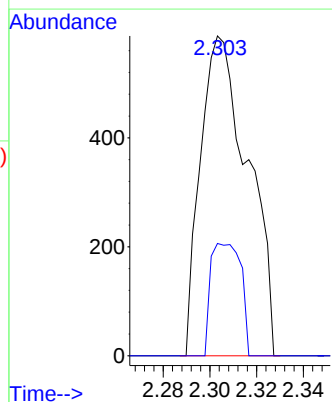
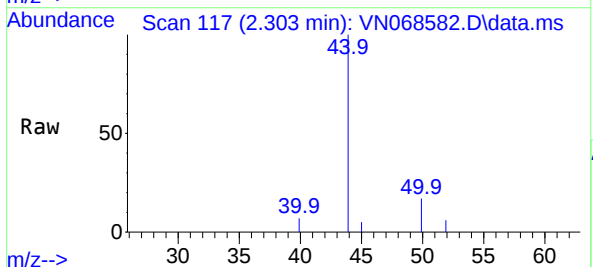
Instrument :
MSVOA_N
ClientSampled :

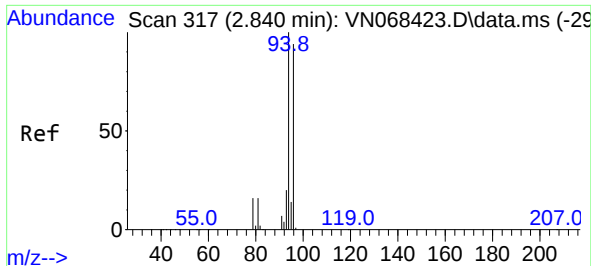
Tgt Ion:168 Resp: 661276
Ion Ratio Lower Upper
168 100
99 51.9 38.2 57.4



#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 50 Resp: 829
Ion Ratio Lower Upper
50 100
52 35.1 25.8 38.6

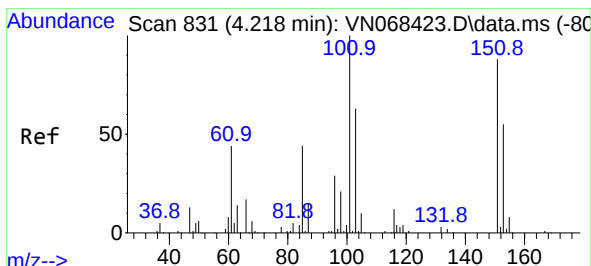
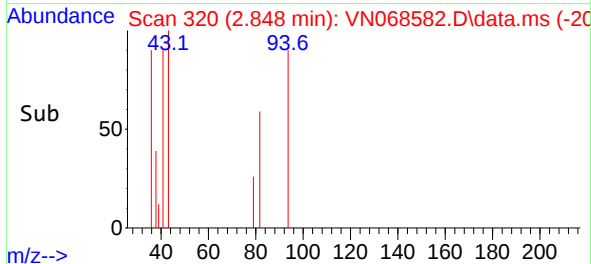
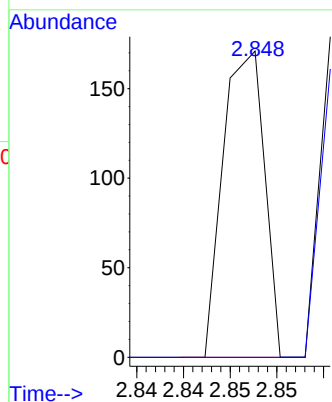
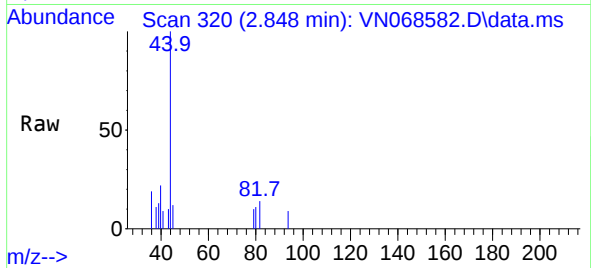




#5
Bromomethane
Concen: Below Cal
RT: 2.848 min Scan# 320
Delta R.T. 0.008 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

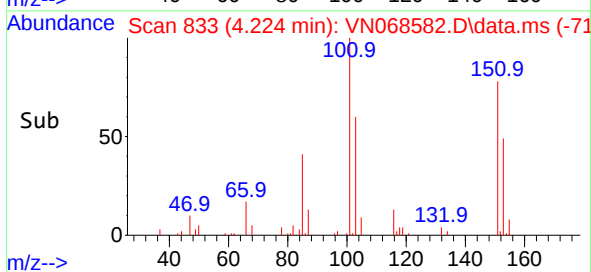
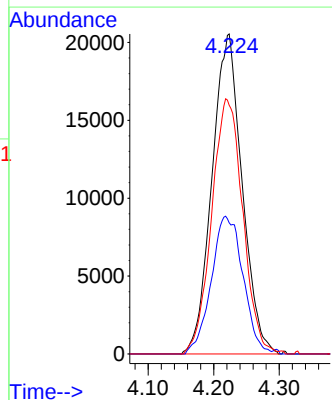
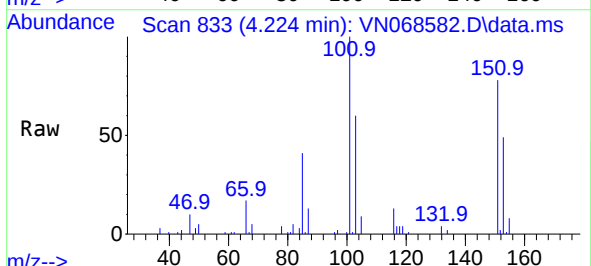
Instrument :
MSVOA_N
ClientSampled :

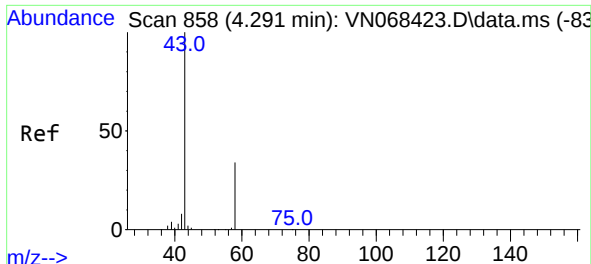
Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.531 ug/l
RT: 4.224 min Scan# 833
Delta R.T. 0.006 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion:101 Resp: 65436
Ion Ratio Lower Upper
101 100
85 45.4 35.7 53.5
151 82.3 71.6 107.4

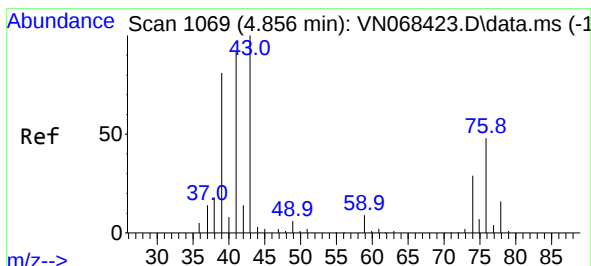
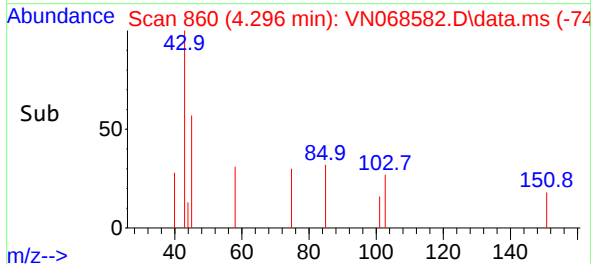
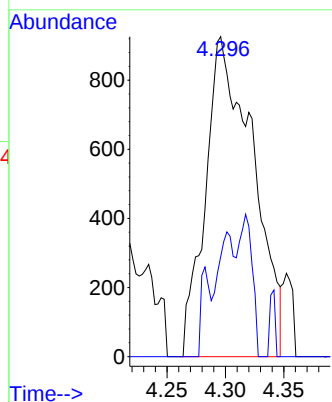
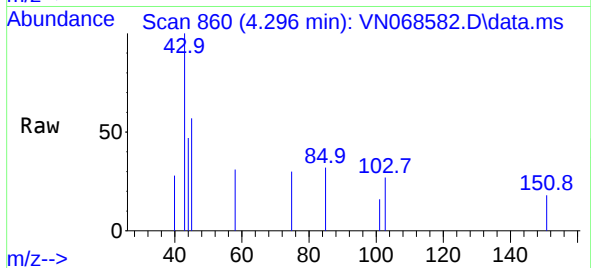




#16
Acetone
Concen: Below Cal
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

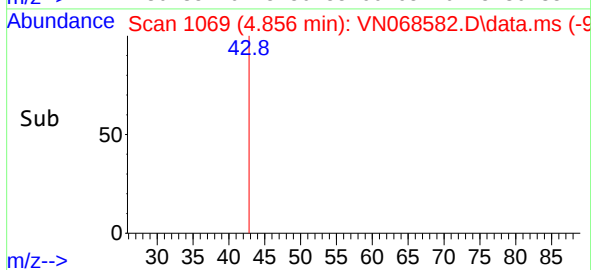
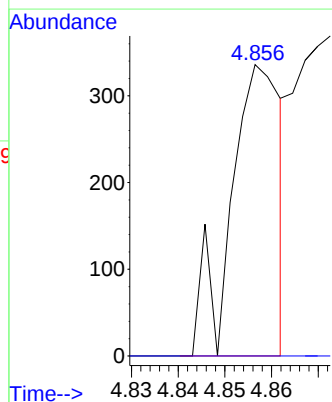
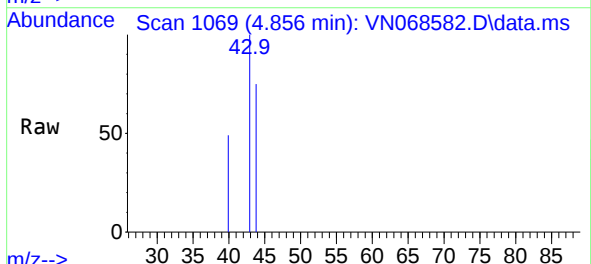
Instrument :
MSVOA_N
ClientSampled :

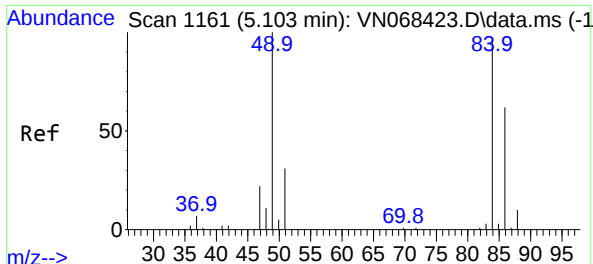
Tgt Ion: 43 Resp: 2612
Ion Ratio Lower Upper
43 100
58 31.2 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

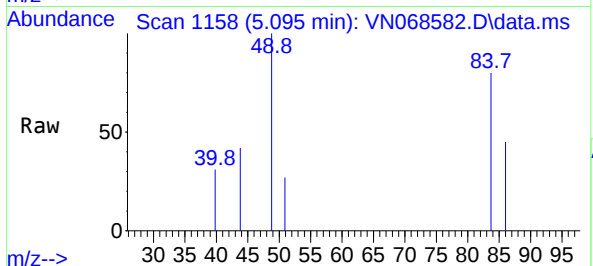
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#





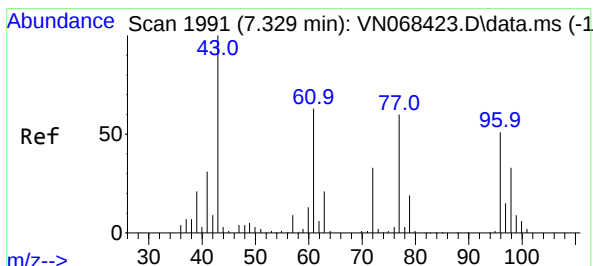
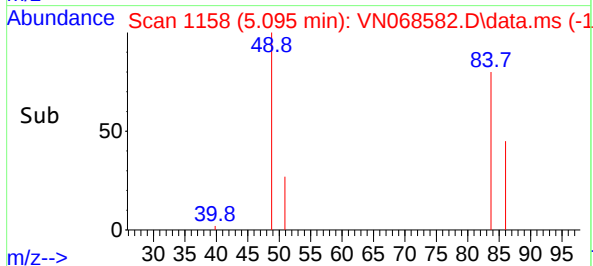
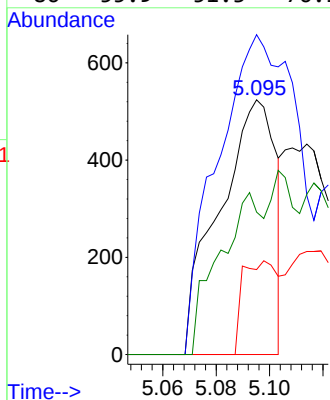
#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. -0.008 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 767

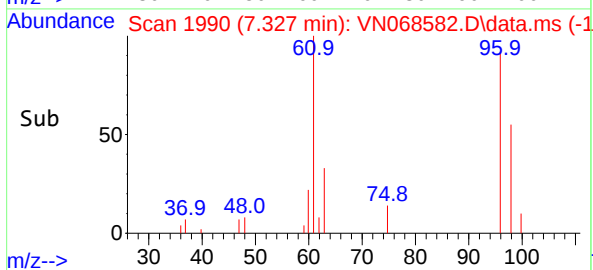
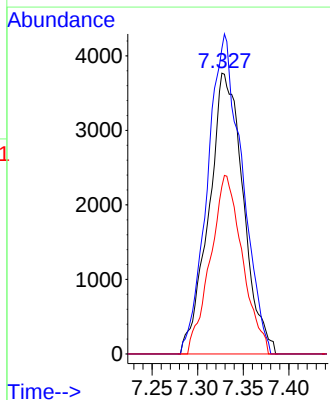
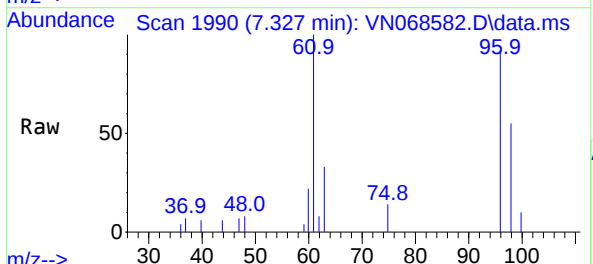
Ion	Ratio	Lower	Upper
84	100		
49	125.6	83.0	124.6#
51	33.4	25.4	38.0
86	55.9	51.3	76.9

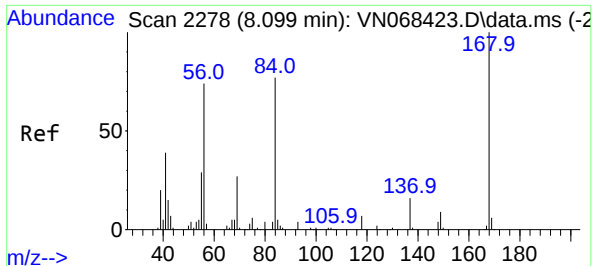


#27
cis-1,2-Dichloroethene
Concen: 1.420 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 96 Resp: 9894

Ion	Ratio	Lower	Upper
96	100		
61	114.5	0.0	246.4
98	59.1	0.0	130.4

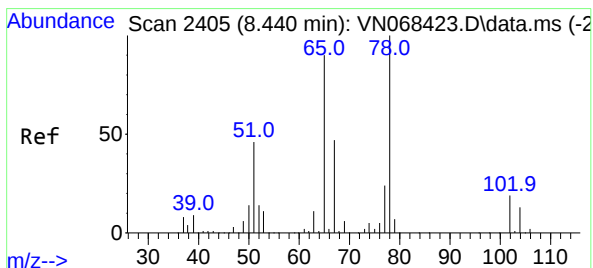
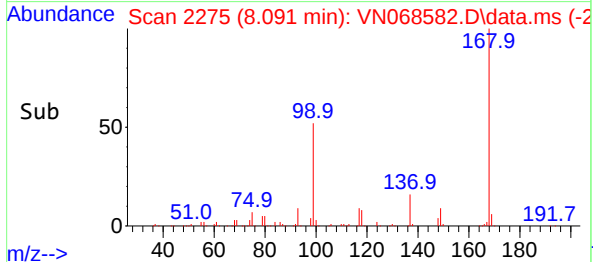
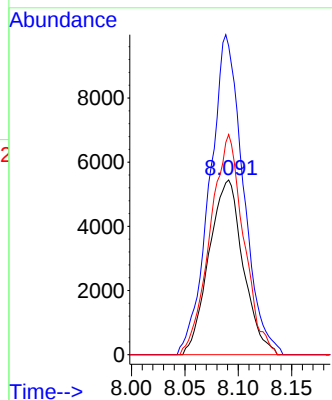
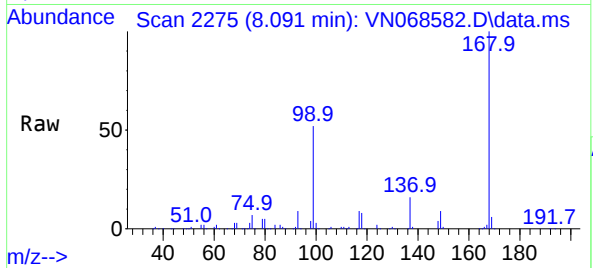




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.008 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

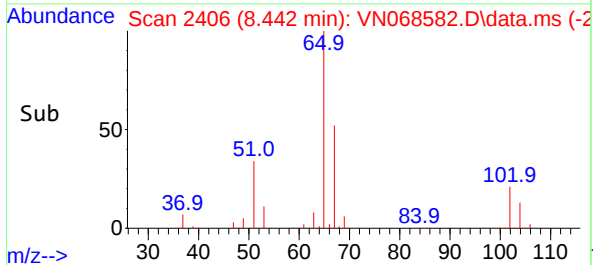
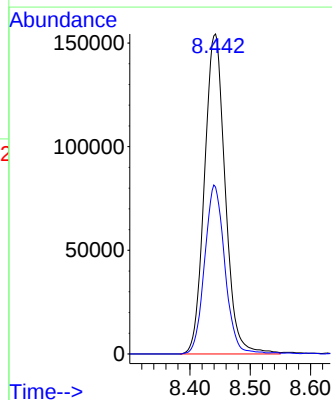
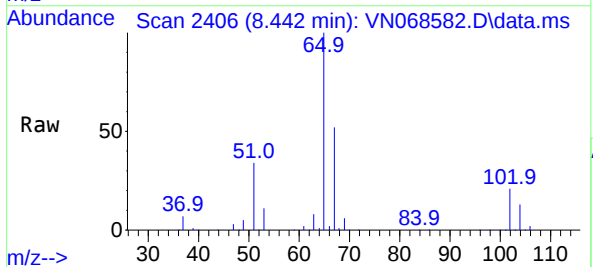
Instrument :
MSVOA_N
ClientSampled :

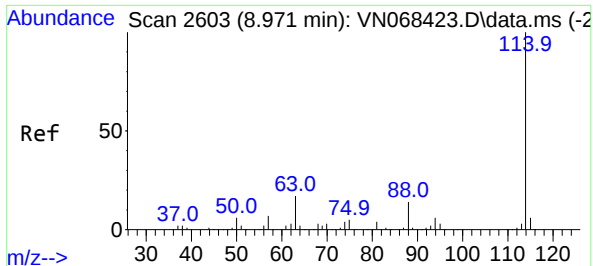
Tgt Ion: 56 Resp: 12146
Ion Ratio Lower Upper
56 100
69 173.2 29.4 44.0#
84 125.9 83.6 125.4#



#33
1,2-Dichloroethane-d4
Concen: 60.792 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 65 Resp: 368759
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

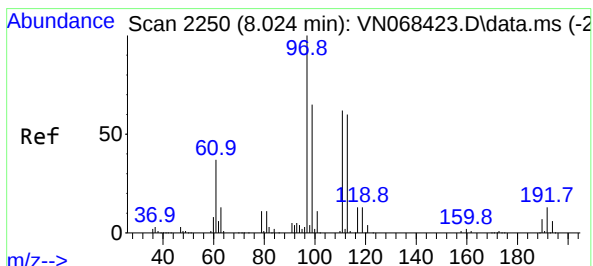
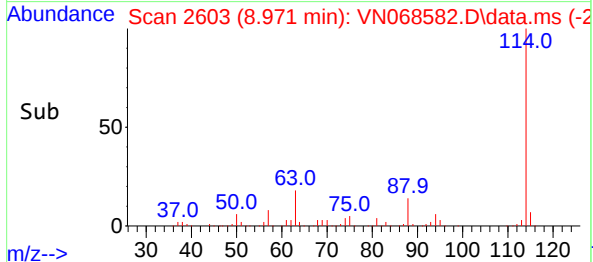
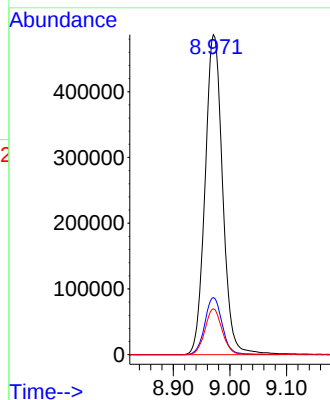
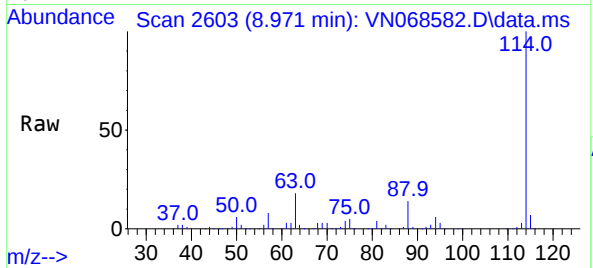




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

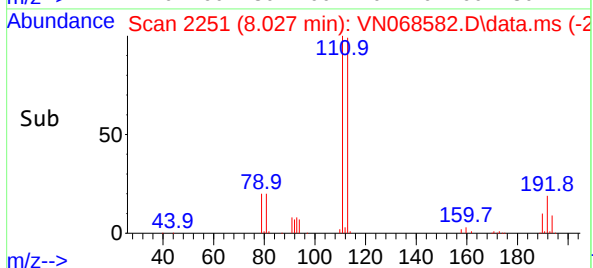
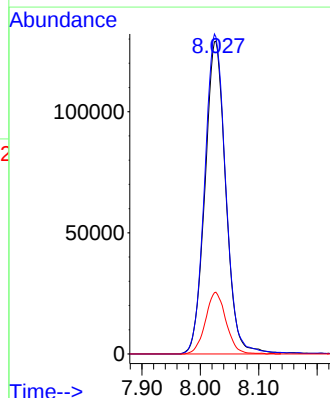
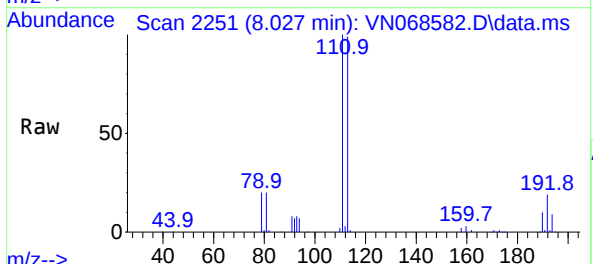
Instrument :
MSVOA_N
ClientSampled :

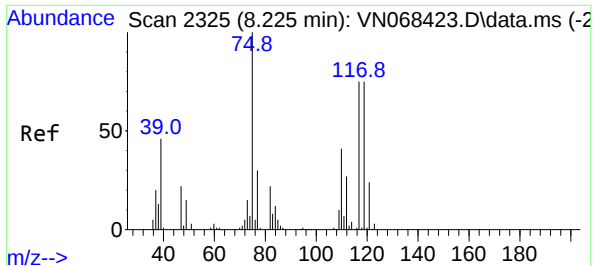
Tgt Ion:114 Resp: 1048033
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.2
88 14.3 0.0 28.4



#35
Dibromofluoromethane
Concen: 50.509 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion:113 Resp: 319265
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 19.6 17.7 26.5



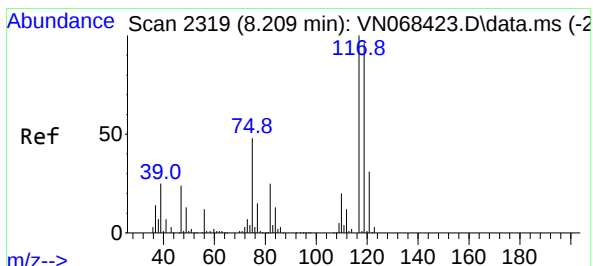
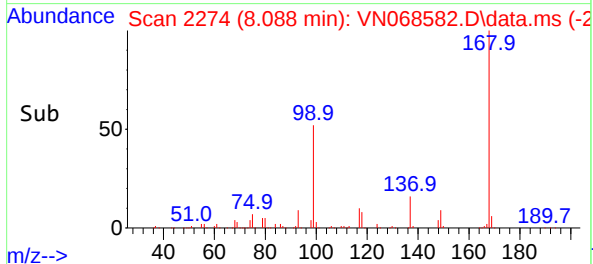
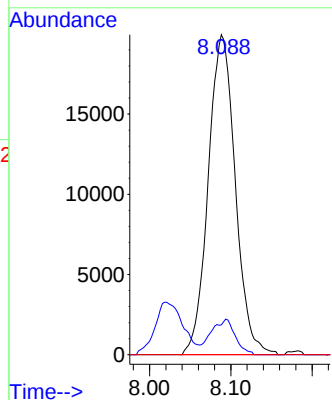
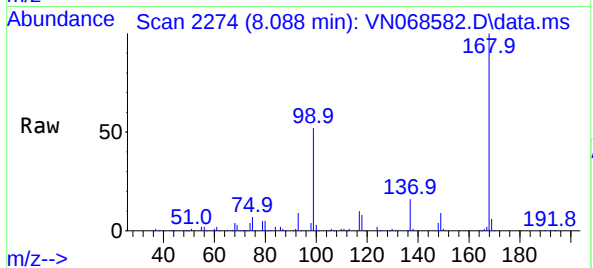


#36

1,1-Dichloropropene
Concen: 5.281 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.137 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Instrument :
MSVOA_N
ClientSampled :

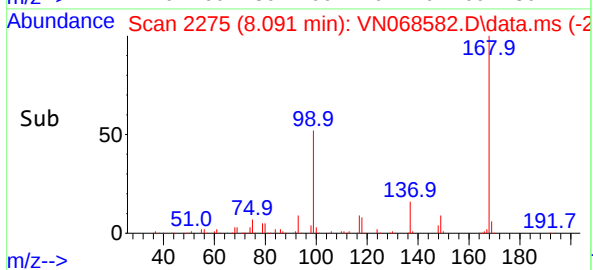
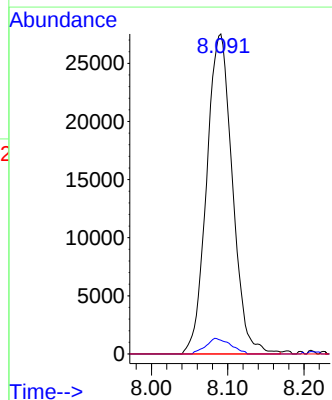
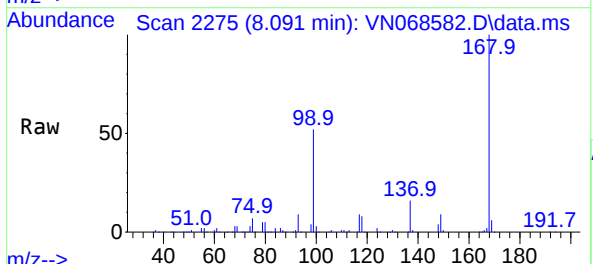
Tgt Ion: 75 Resp: 46142
Ion Ratio Lower Upper
75 100
110 9.9 20.8 62.5#
77 0.0 25.0 37.6#

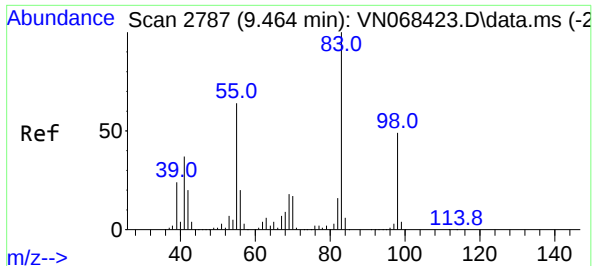


#38

Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 117 Resp: 64534
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.617 ug/l

RT: 9.217 min Scan# 2695

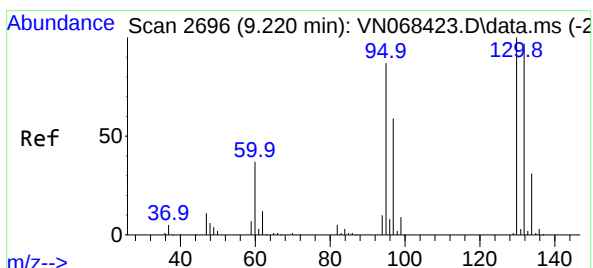
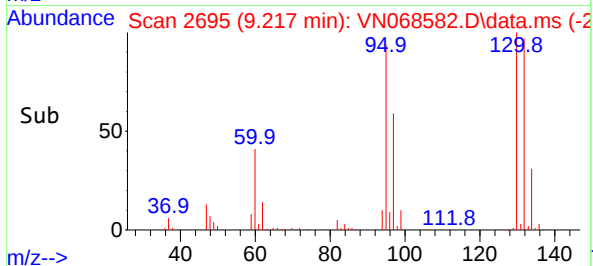
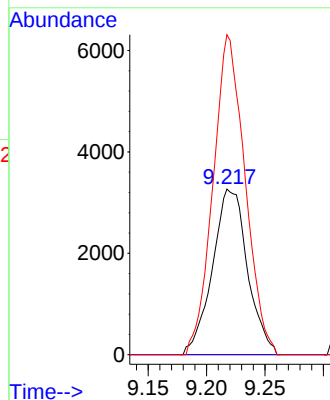
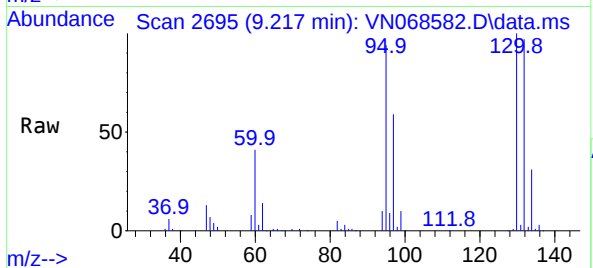
Delta R.T. -0.247 min

Lab File: VN068582.D

Acq: 21 Sep 2021 15:11

Tgt Ion:	83	Resp:	6820
Ion	Ratio	Lower	Upper
83	100		
55	0.0	51.0	76.4#
98	193.1	39.5	59.3#

Instrument :
MSVOA_N
ClientSampleId :



#44

Trichloroethene

Concen: 65.507 ug/l

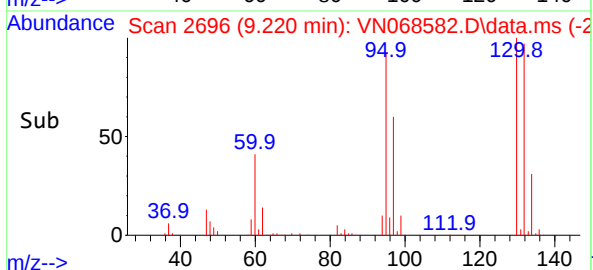
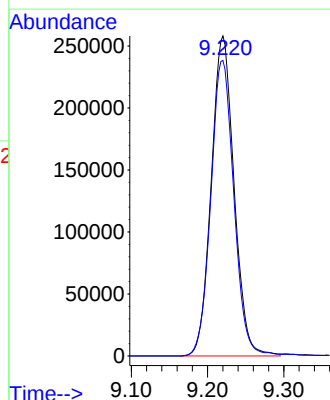
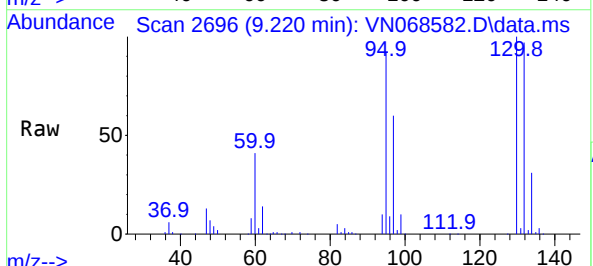
RT: 9.220 min Scan# 2696

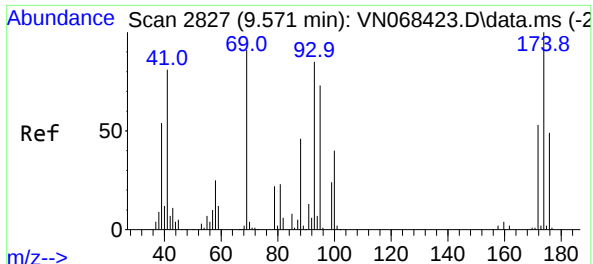
Delta R.T. 0.000 min

Lab File: VN068582.D

Acq: 21 Sep 2021 15:11

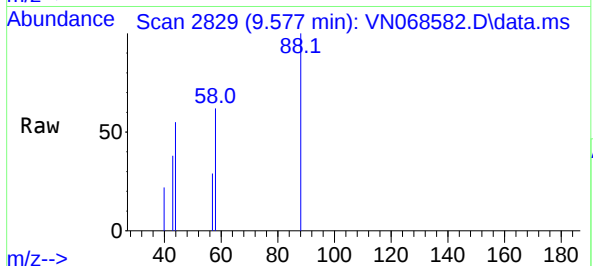
Tgt Ion:	130	Resp:	536424
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	173.8



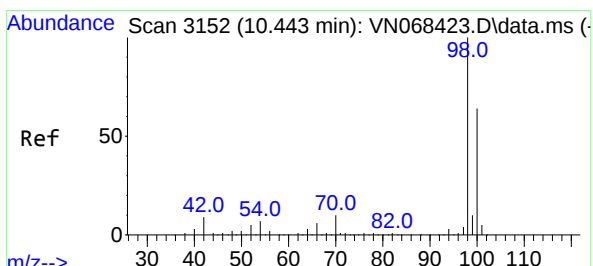
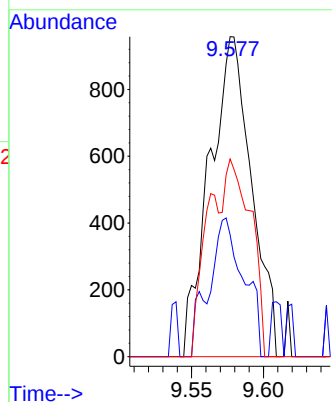
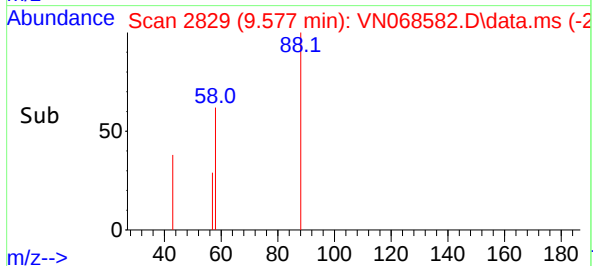


#49
1,4-Dioxane
Concen: 17.271 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

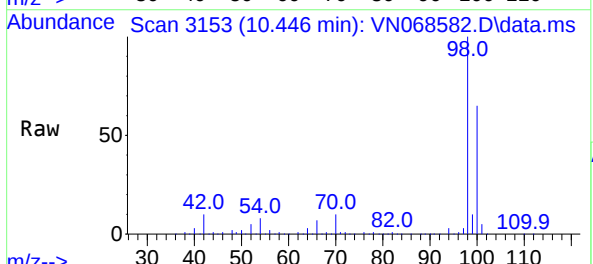
Instrument :
MSVOA_N
ClientSampleId :



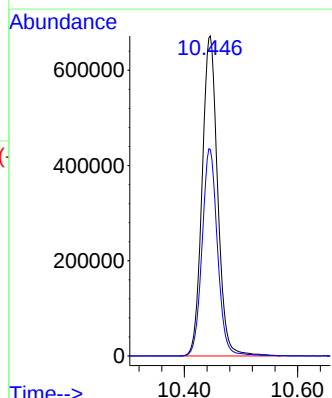
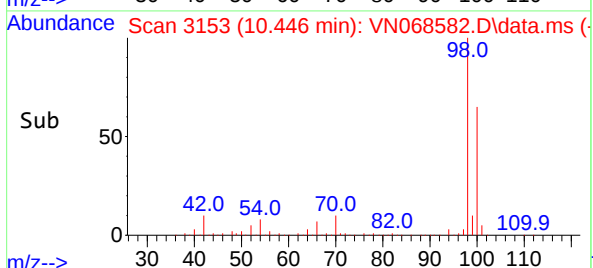
Tgt Ion: 88 Resp: 1940
Ion Ratio Lower Upper
88 100
43 30.4 18.9 28.3#
58 37.8 46.6 69.8#

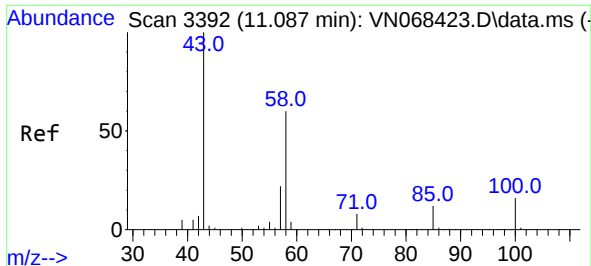


#50
Toluene-d8
Concen: 49.446 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11



Tgt Ion: 98 Resp: 1280781
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6

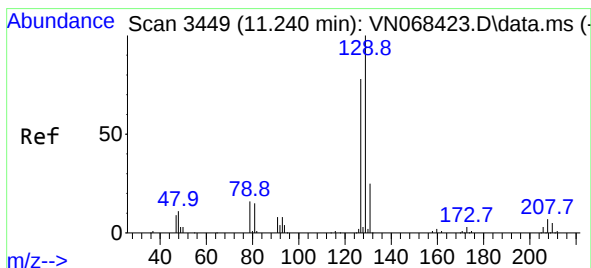
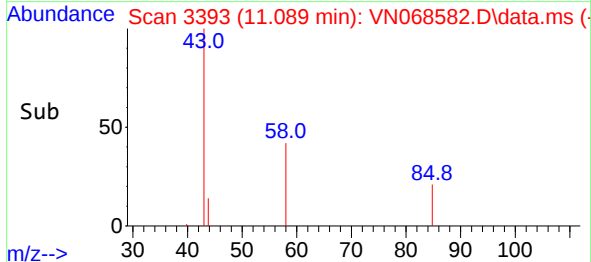
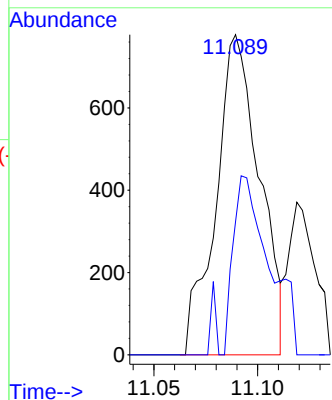
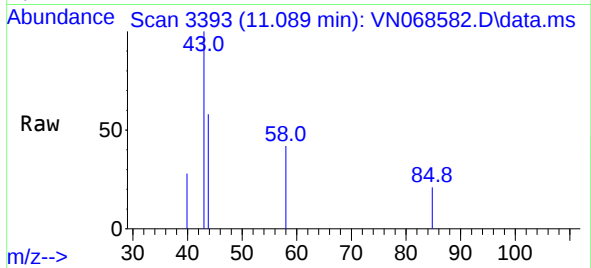




#59
2-Hexanone
Concen: 0.253 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

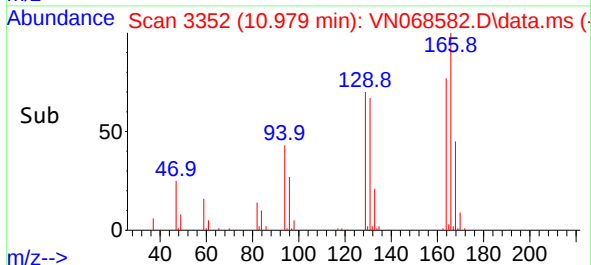
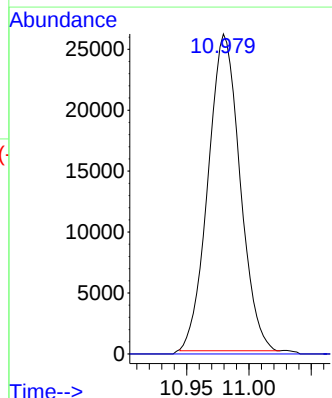
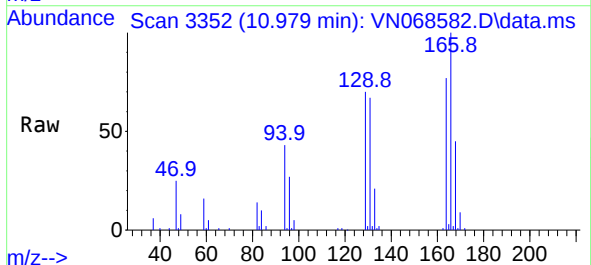
Instrument :
MSVOA_N
ClientSampled :

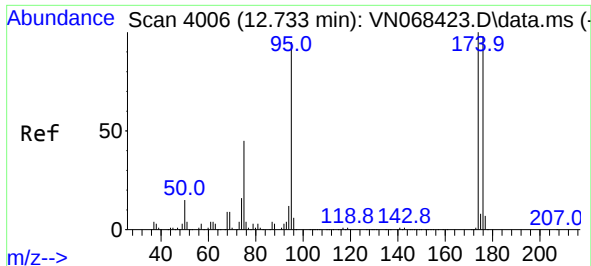
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 46.0 30.0 90.1



#60
Dibromochloromethane
Concen: 6.587 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.261 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 129 Resp: 46312
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

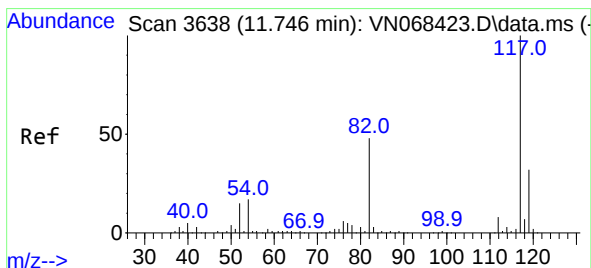
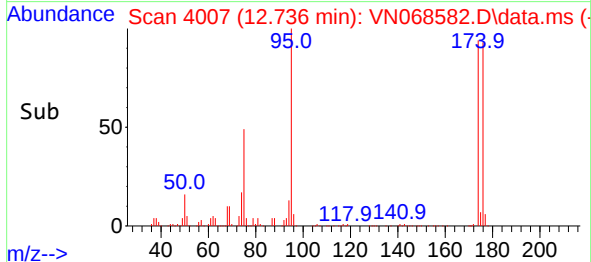
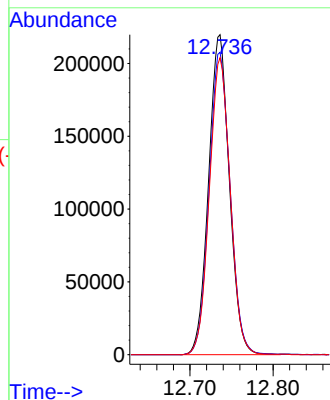
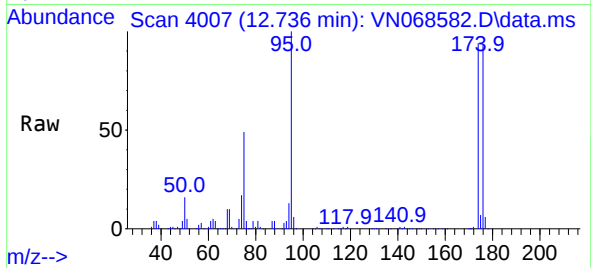




#62
4-Bromofluorobenzene
Concen: 45.129 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

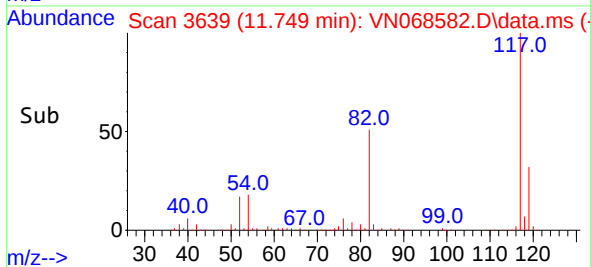
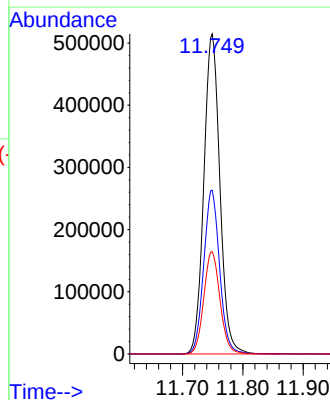
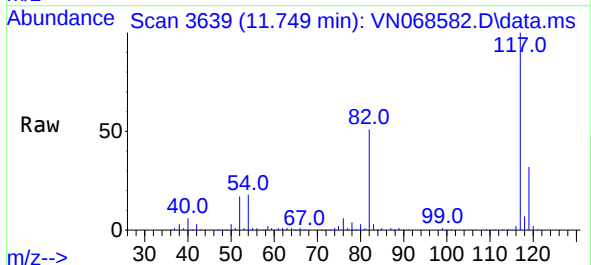
Instrument :
MSVOA_N
ClientSampled :

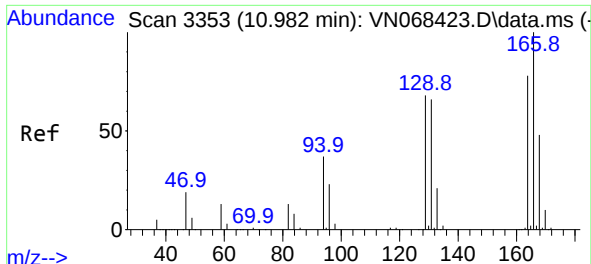
Tgt Ion: 95 Resp: 381884
Ion Ratio Lower Upper
95 100
174 95.8 0.0 214.0
176 93.1 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

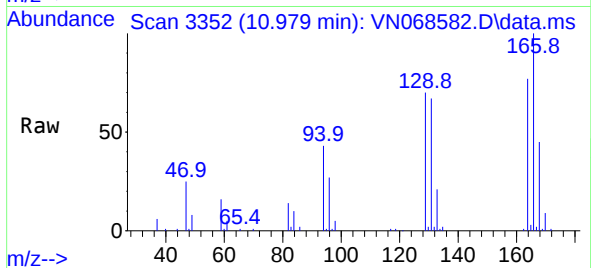
Tgt Ion: 117 Resp: 951593
Ion Ratio Lower Upper
117 100
82 51.2 38.7 58.1
119 32.0 25.5 38.3



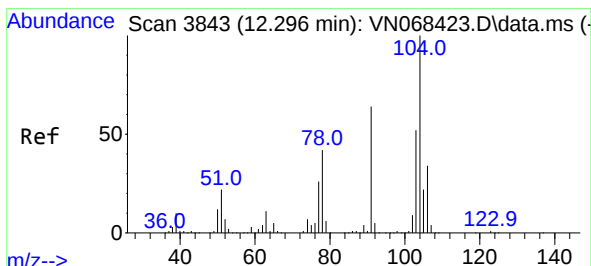
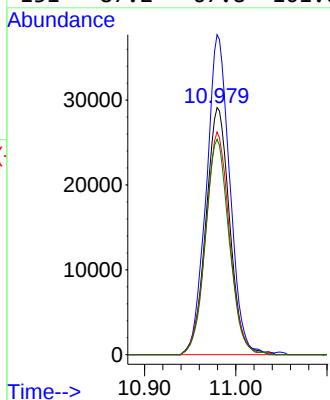
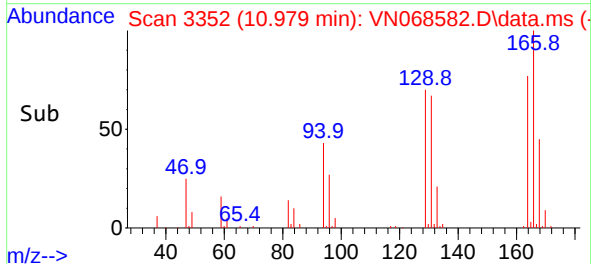


#64
Tetrachloroethene
Concen: 6.259 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

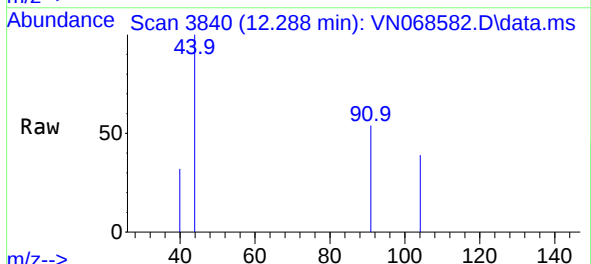
Instrument :
MSVOA_N
ClientSampleId :



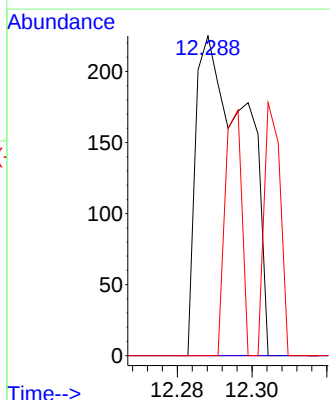
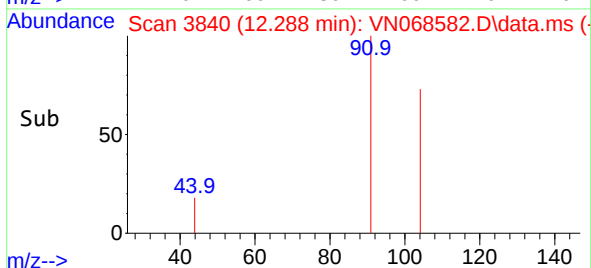
Tgt Ion:164 Resp: 52788
Ion Ratio Lower Upper
164 100
166 129.5 102.9 154.3
129 90.2 70.1 105.1
131 87.2 67.8 101.6

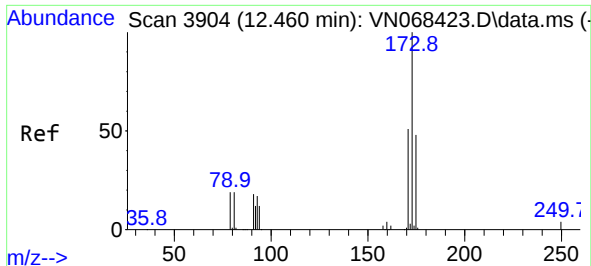


#70
Styrene
Concen: 1.763 ug/l
RT: 12.288 min Scan# 3840
Delta R.T. -0.008 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11



Tgt Ion:104 Resp: 207
Ion Ratio Lower Upper
104 100
78 0.0 36.2 54.2#
103 26.1 44.4 66.6#

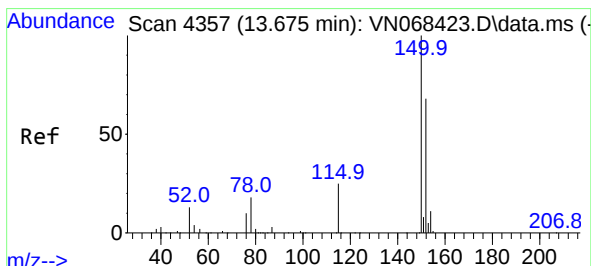
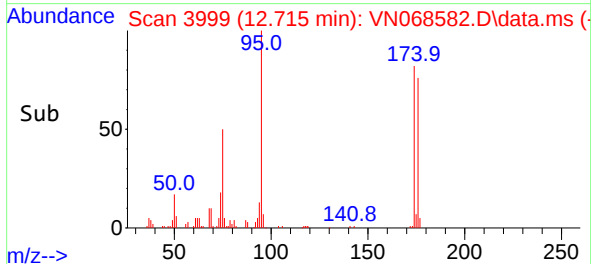
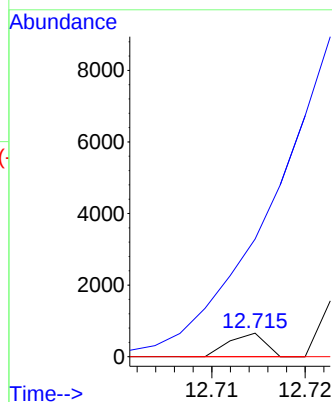
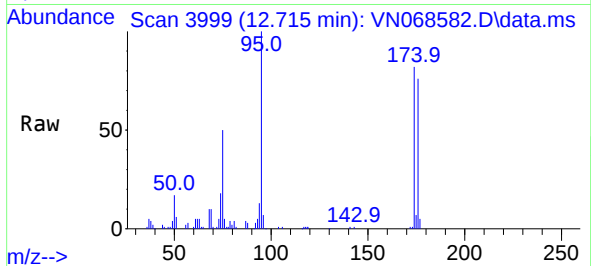




#71
Bromoform
Concen: 2.549 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

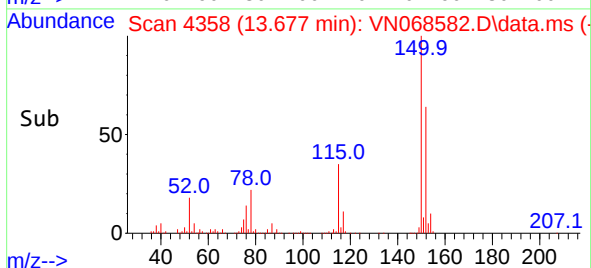
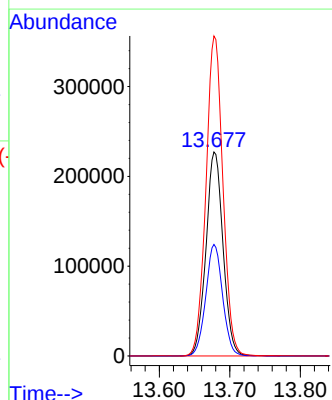
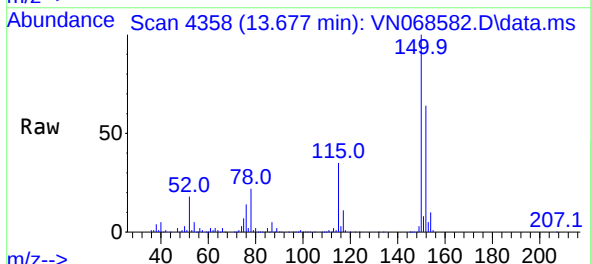
Instrument :
MSVOA_N
ClientSampled :

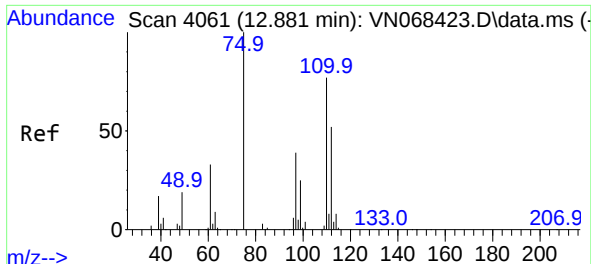
Tgt Ion:173 Resp: 178
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion:152 Resp: 381839
Ion Ratio Lower Upper
152 100
115 54.0 25.6 76.6
150 155.9 0.0 346.8

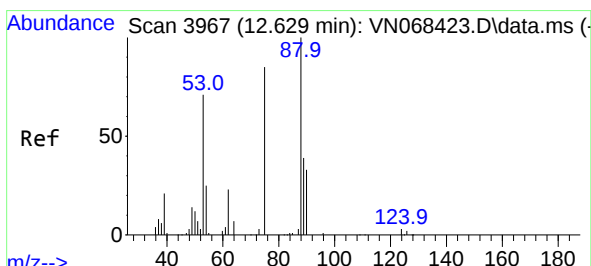
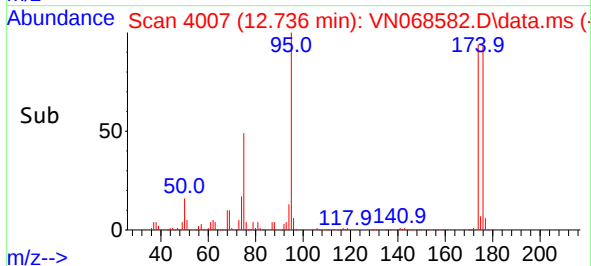
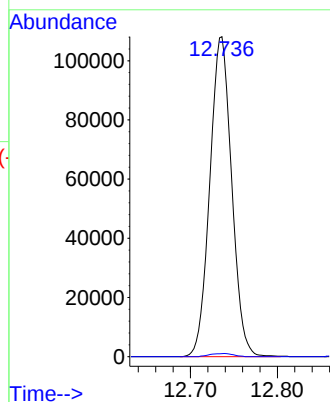
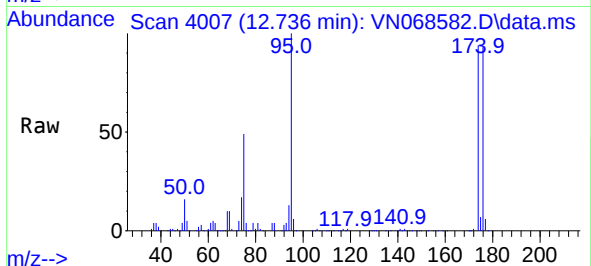




#76
1,2,3-Trichloropropane
Concen: 35.662 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

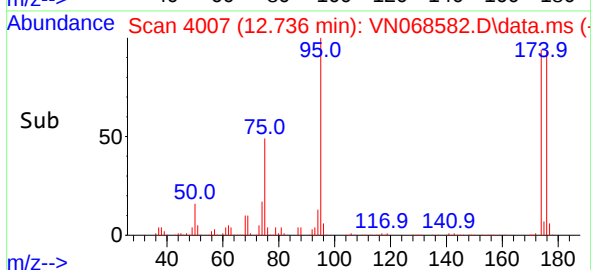
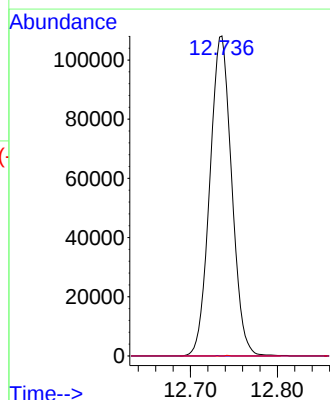
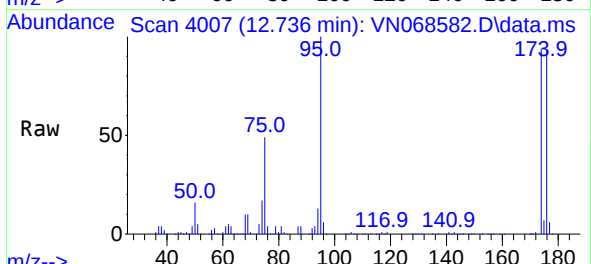
Instrument :
MSVOA_N
ClientSampled :

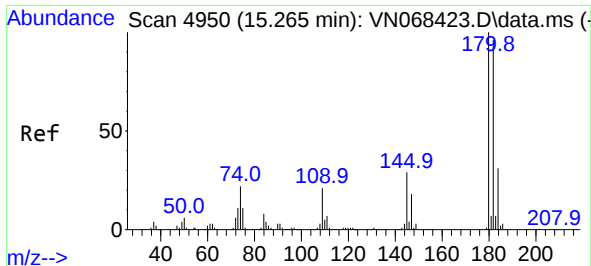
Tgt Ion: 75 Resp: 188910
Ion Ratio Lower Upper
75 100
77 1.1 100.9 302.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.643 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 75 Resp: 188910
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 39.5 59.3#

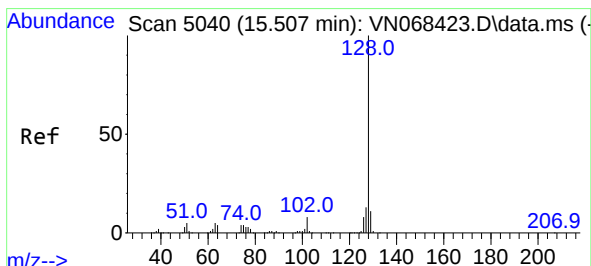
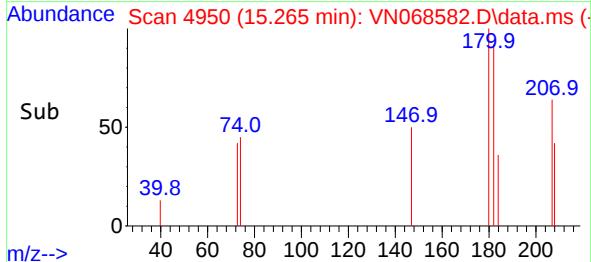
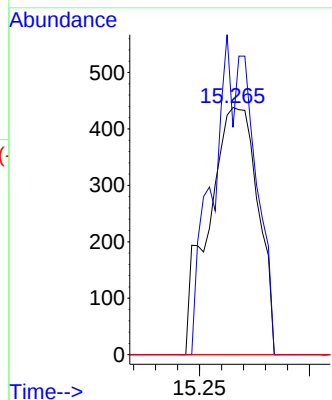
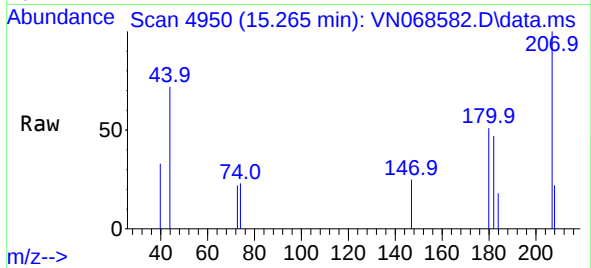




#93
1,2,4-Trichlorobenzene
Concen: 3.049 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

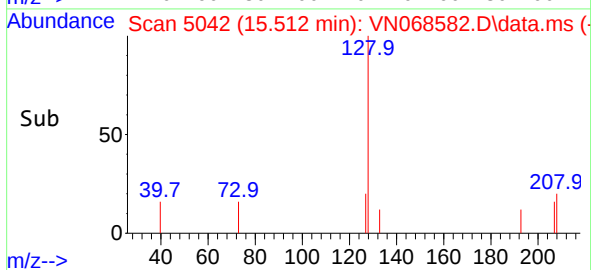
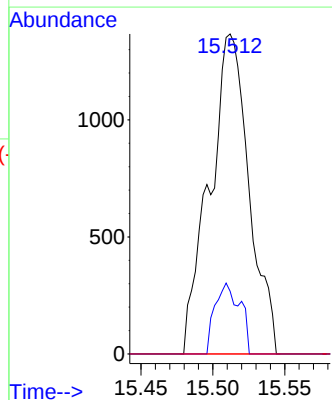
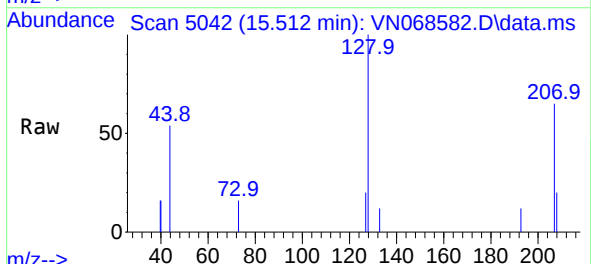
Instrument :
MSVOA_N
ClientSampled :

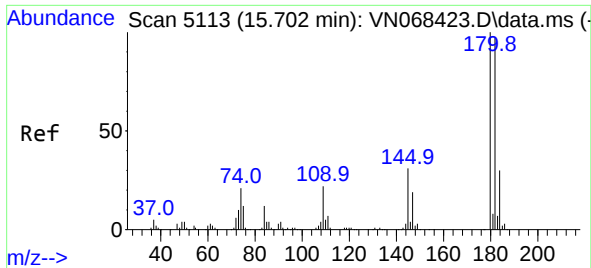
Tgt Ion:180 Resp: 682
Ion Ratio Lower Upper
180 100
182 57.6 47.5 142.6
145 0.0 14.1 42.4#



#95
Naphthalene
Concen: 3.657 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068582.D
Acq: 21 Sep 2021 15:11

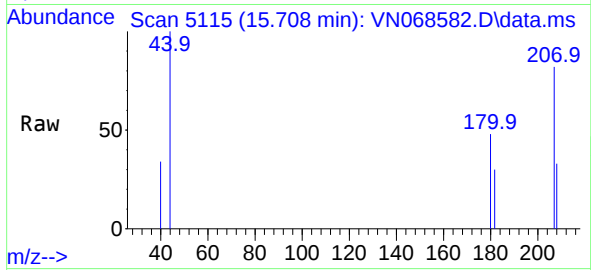
Tgt Ion:128 Resp: 2612
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.078 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN068582.D
 Acq: 21 Sep 2021 15:11

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion:180 Resp: 743

Ion	Ratio	Lower	Upper
180	100		
182	82.5	47.9	143.6
145	11.0	15.2	45.5#

