

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072033.D
 Acq On : 21 Feb 2022 15:33
 Operator : VA/SY
 Sample : N1626-04
 Misc : 4.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B2

Quant Time: Feb 22 01:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

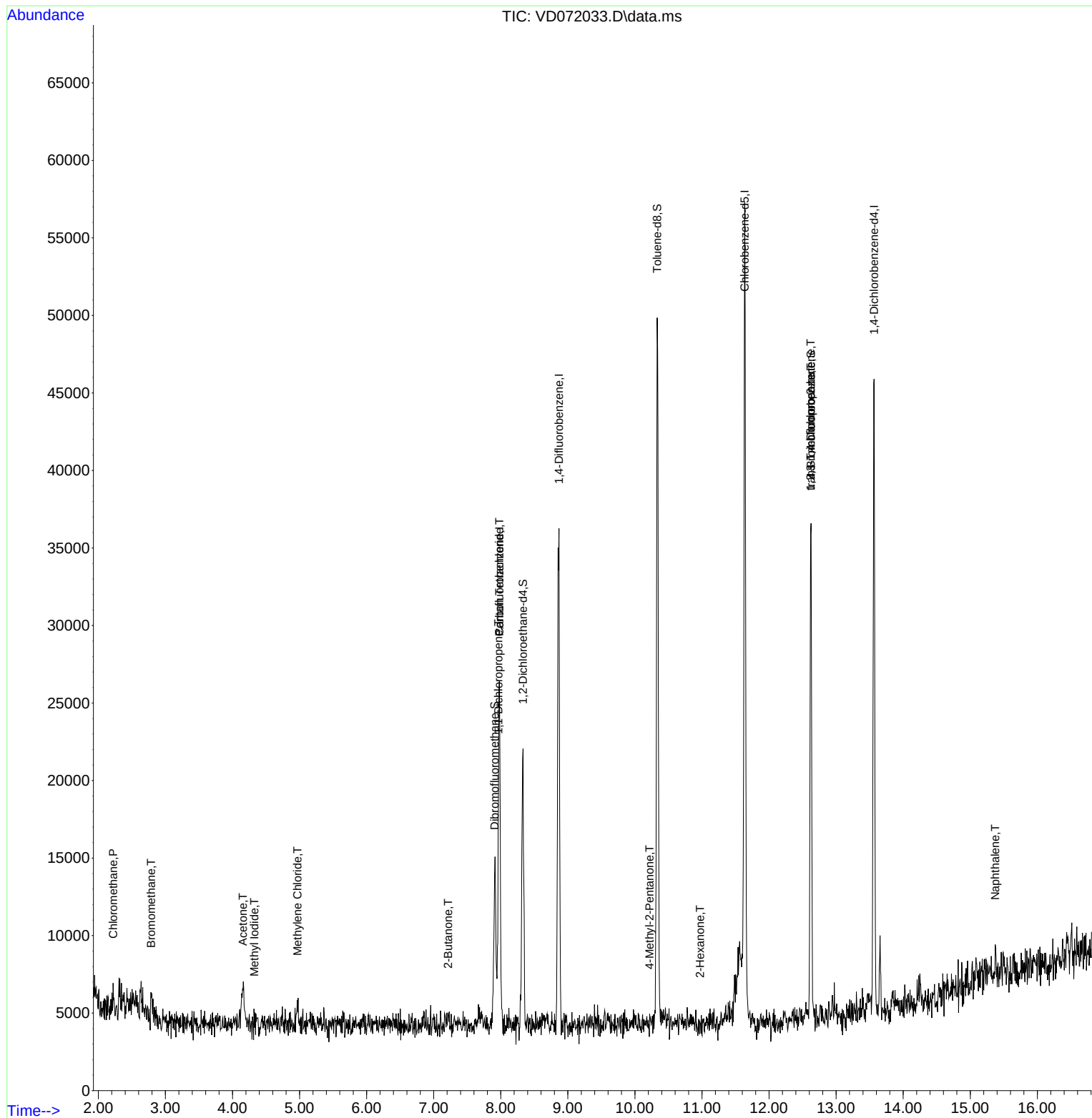
Internal Standards						
1) Pentafluorobenzene	7.979	168	16096	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	26862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	11223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	13060	78.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.440%	
35) Dibromofluoromethane	7.908	113	7471	45.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.820%	
50) Toluene-d8	10.332	98	31754	52.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.626	95	11117	50.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.280%	
Target Compounds						Qvalue
3) Chloromethane	2.220	50	777	5.901	ug/l	# 43
5) Bromomethane	2.785	94	486	3.673	ug/l	88
10) Methyl Iodide	4.326	142	285	4.393	ug/l	# 63
16) Acetone	4.156	43	4559	126.345	ug/l	# 66
18) Methyl Acetate	4.844	43	84	Below Cal	#	52
20) Methylene Chloride	4.967	84	513	2.857	ug/l	# 61
25) 2-Butanone	7.214	43	807	16.181	ug/l	# 50
36) 1,1-Dichloropropene	7.967	75	669	2.714	ug/l	# 41
38) Carbon Tetrachloride	7.979	117	1746	6.910	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.220	43	115	1.019	ug/l	# 37
59) 2-Hexanone	10.973	43	223	2.898	ug/l	65
76) 1,2,3-Trichloropropane	12.620	75	5266	49.536	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	5266	124.048	ug/l	# 10
95) Naphthalene	15.373	128	390	1.093	ug/l	# 69

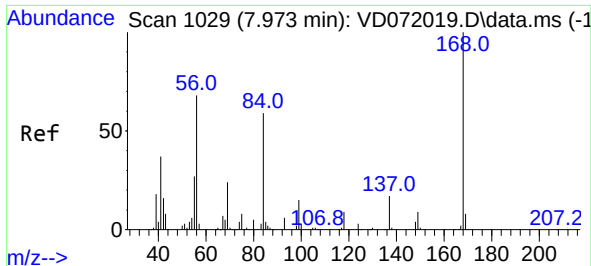
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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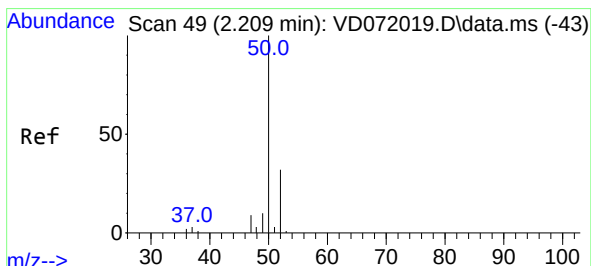
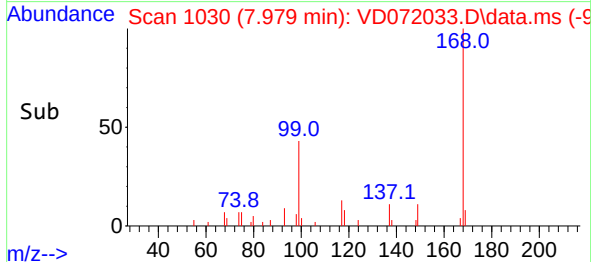
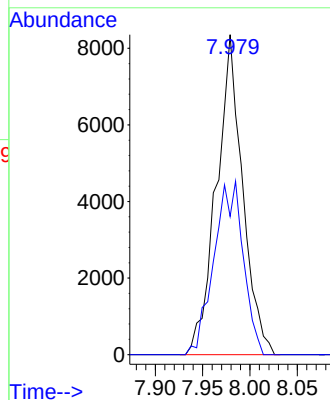
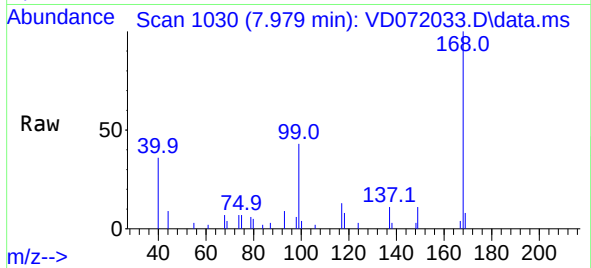




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

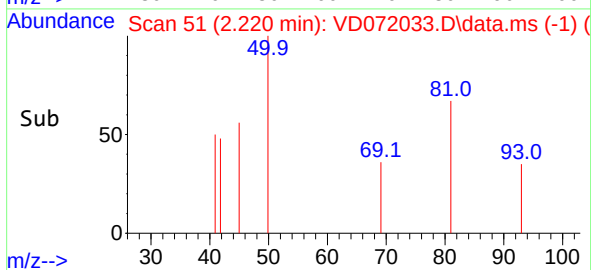
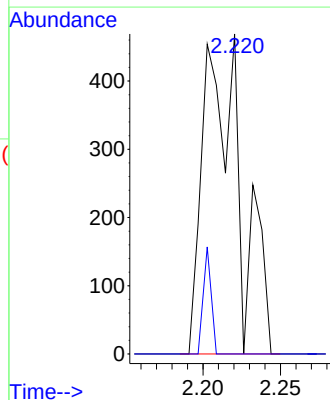
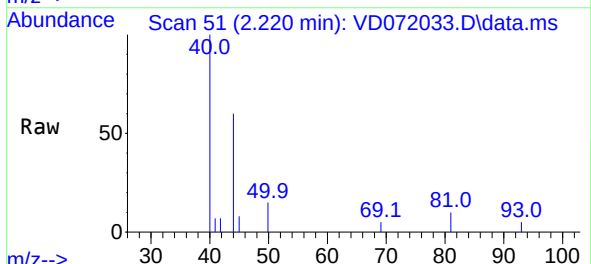
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

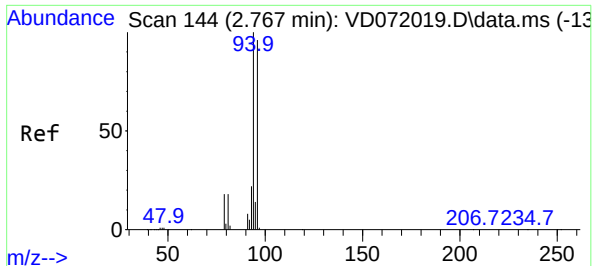
Tgt Ion:168 Resp: 16096
Ion Ratio Lower Upper
168 100
99 43.2 47.1 70.7#



#3
Chloromethane
Concen: 5.901 ug/l
RT: 2.220 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 50 Resp: 777
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

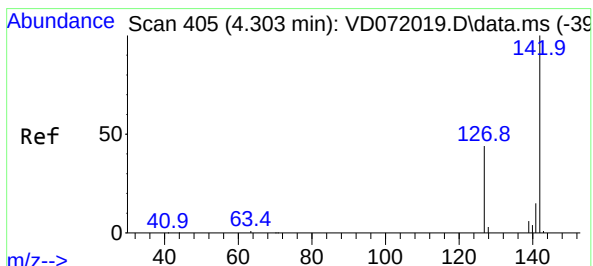
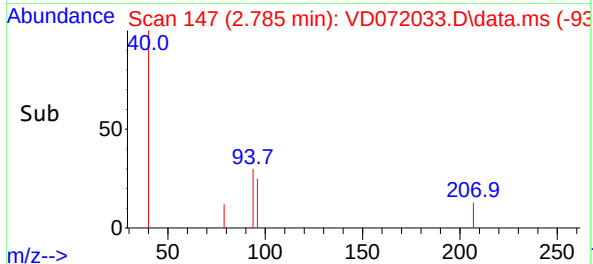
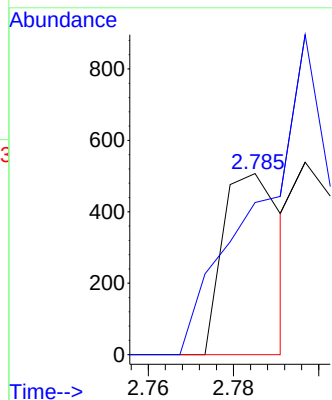
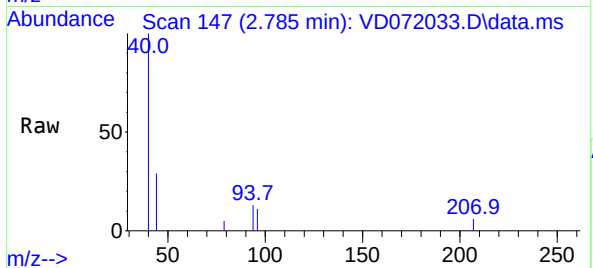




#5
Bromomethane
Concen: 3.673 ug/l
RT: 2.785 min Scan# 144
Delta R.T. 0.018 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

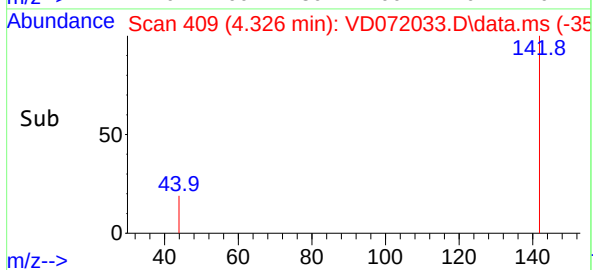
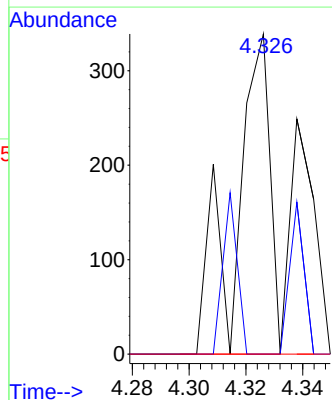
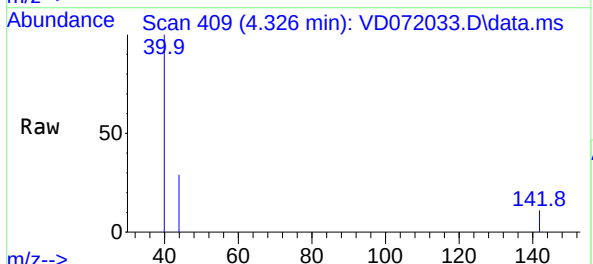
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

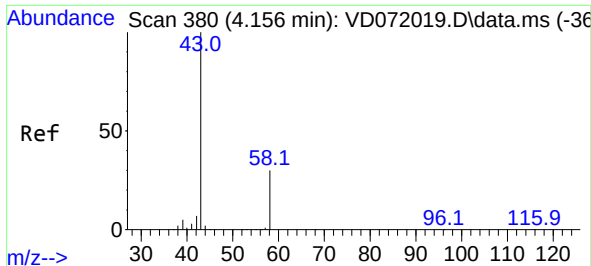
Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 84.0 76.8 115.2



#10
Methyl Iodide
Concen: 4.393 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.023 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 142 Resp: 285
Ion Ratio Lower Upper
142 100
127 20.0 35.8 53.8#
141 0.0 11.6 17.4#

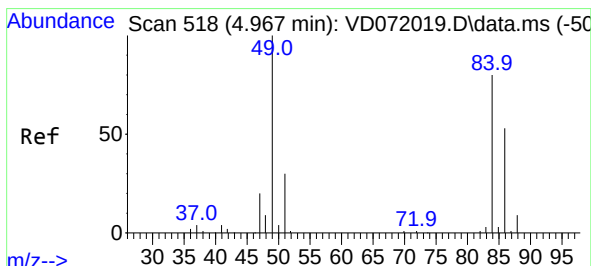
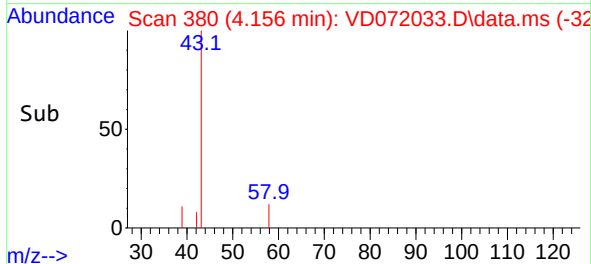
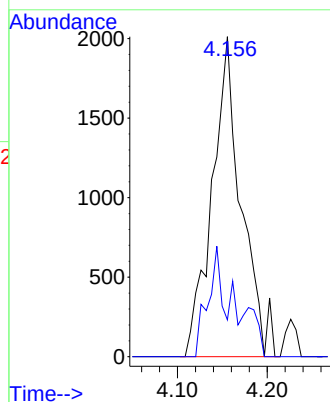
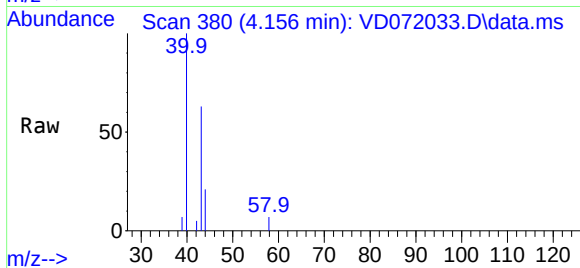




#16
Acetone
Concen: 126.345 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

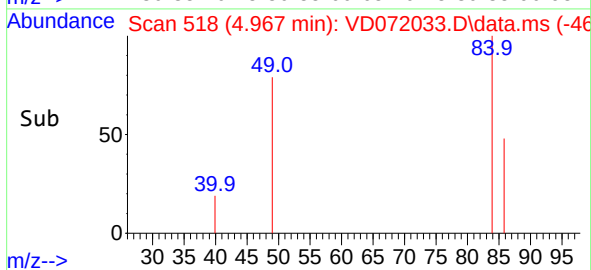
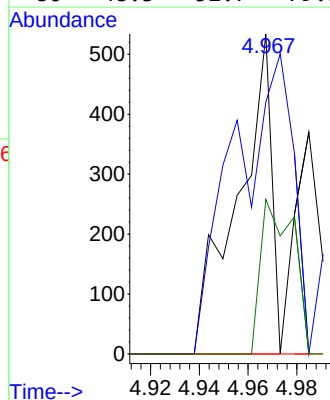
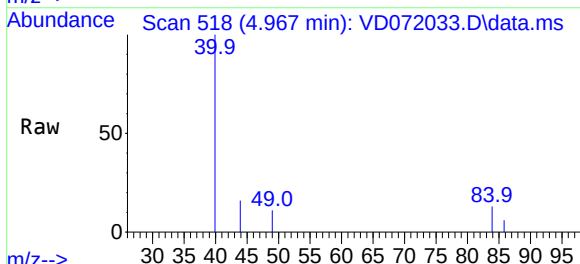
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

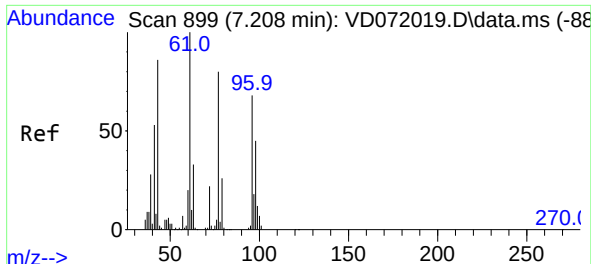
Tgt Ion: 43 Resp: 4559
Ion Ratio Lower Upper
43 100
58 11.5 23.8 35.6#



#20
Methylene Chloride
Concen: 2.857 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 84 Resp: 513
Ion Ratio Lower Upper
84 100
49 78.7 100.0 150.0#
51 0.0 30.2 45.4#
86 48.3 52.7 79.1#

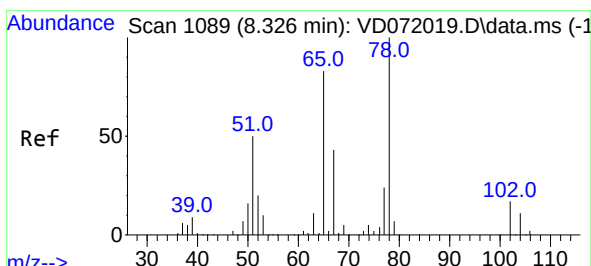
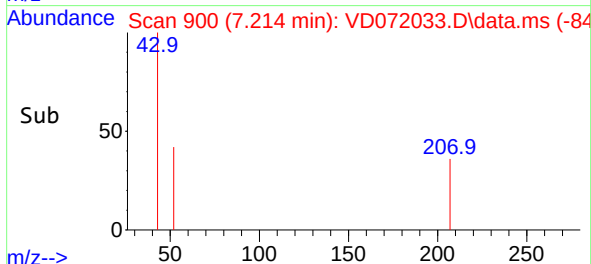
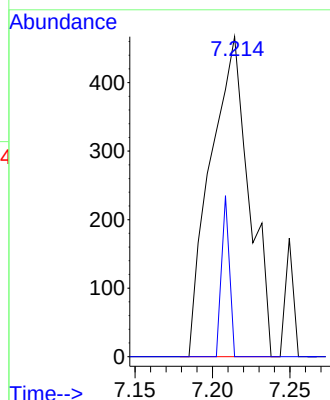
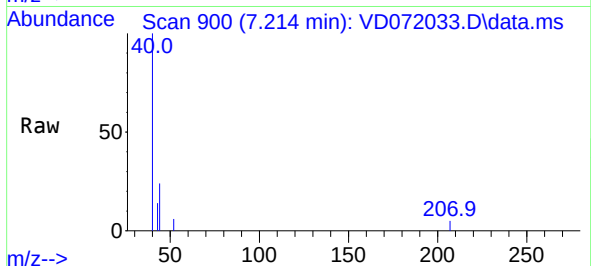




#25
2-Butanone
Concen: 16.181 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

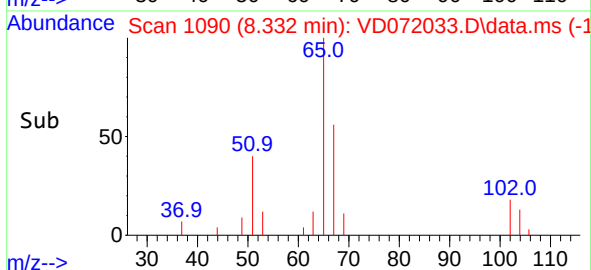
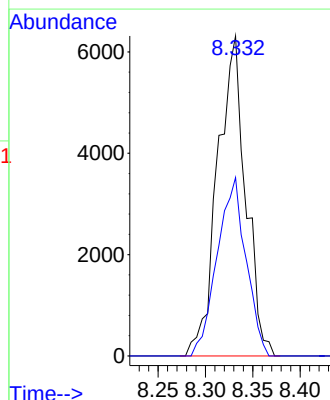
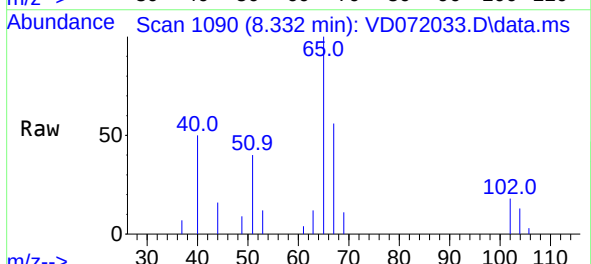
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

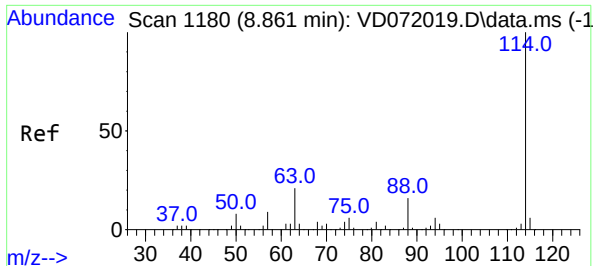
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#



#33
1,2-Dichloroethane-d4
Concen: 78.221 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 65 Resp: 13060
Ion Ratio Lower Upper
65 100
67 57.0 0.0 105.6

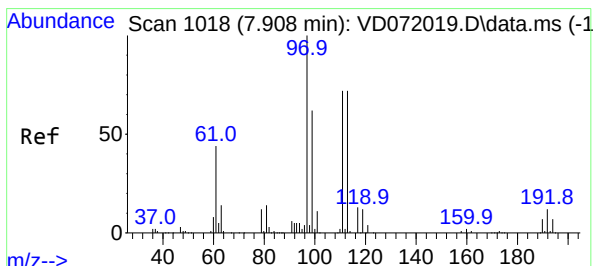
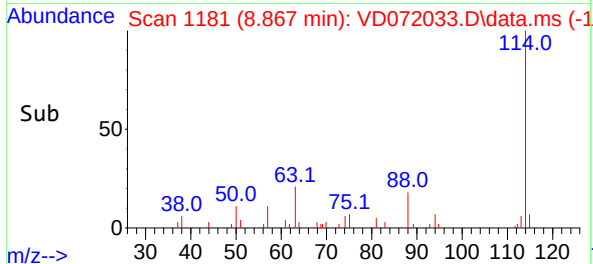
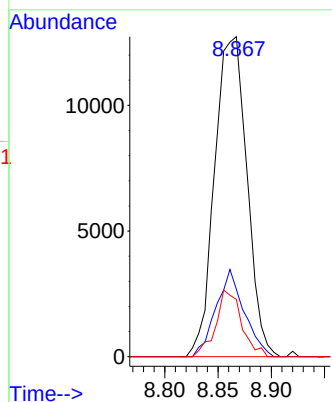
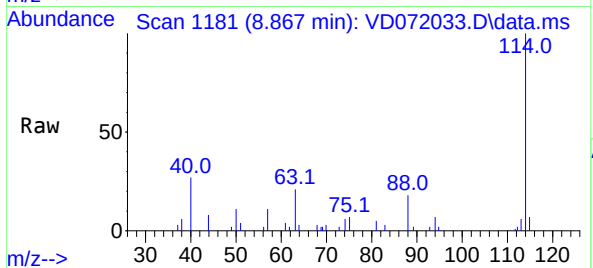




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

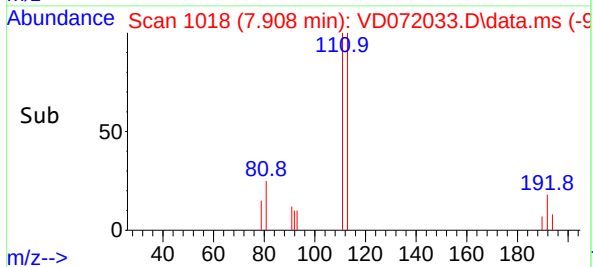
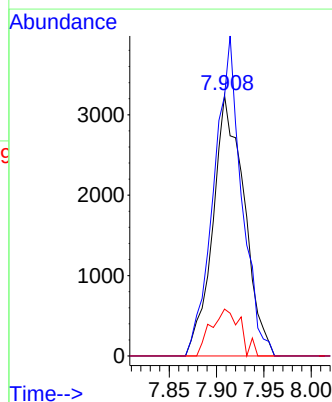
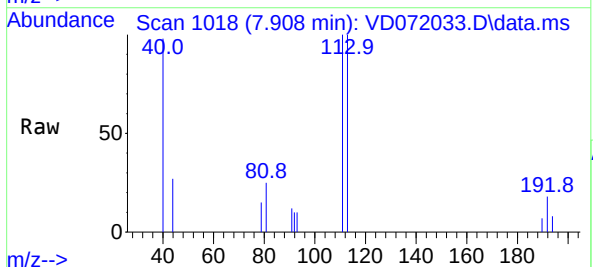
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

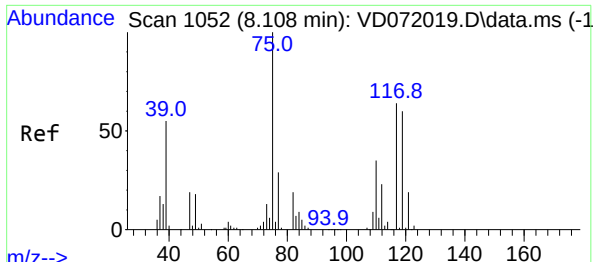
Tgt Ion:114 Resp: 26862
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 17.9 0.0 31.2



#35
Dibromofluoromethane
Concen: 45.905 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion:113 Resp: 7471
Ion Ratio Lower Upper
113 100
111 108.7 83.0 124.4
192 16.9 15.3 22.9



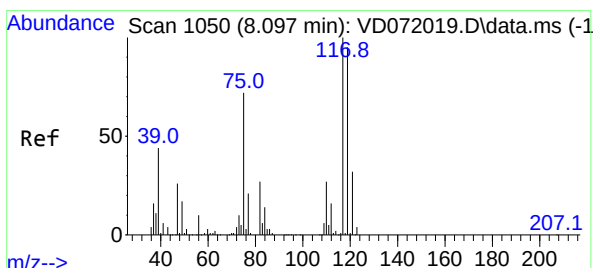
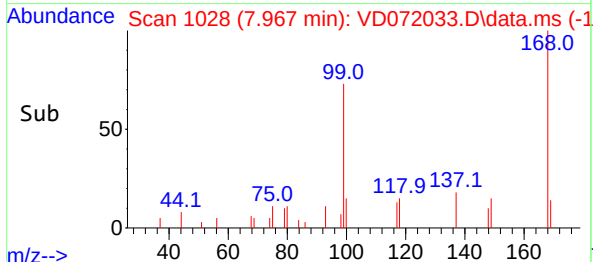
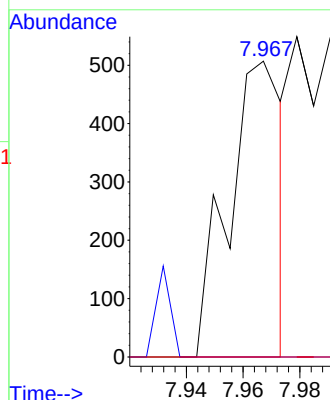
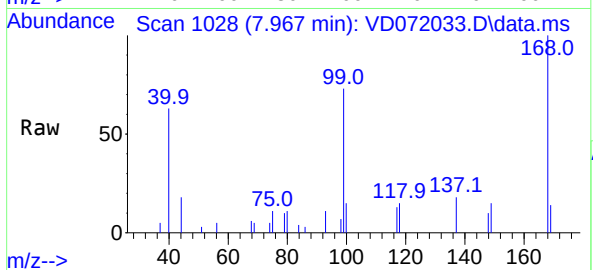


#36
1,1-Dichloropropene
Concen: 2.714 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Instrument :
MSVOA_D
ClientSampleId :
CC-B2

Tgt Ion: 75 Resp: 669

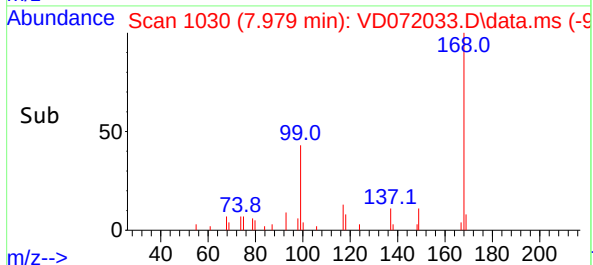
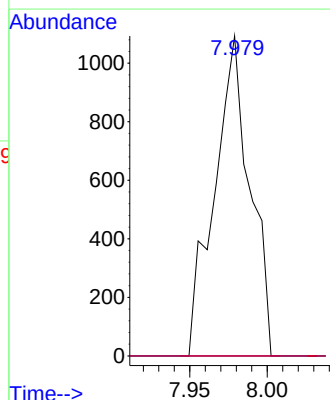
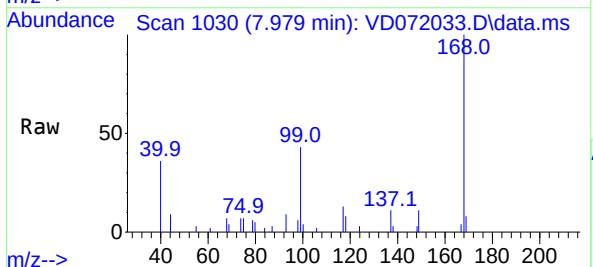
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.7	53.1#
77	0.0	24.8	37.2#

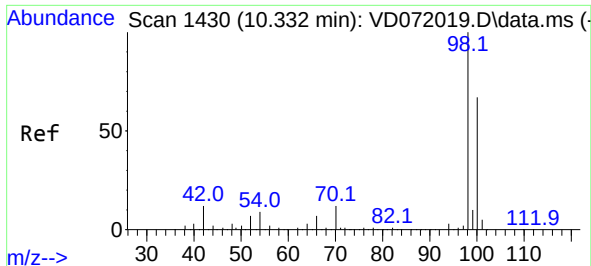


#38
Carbon Tetrachloride
Concen: 6.910 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 117 Resp: 1746

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.8	38.6#

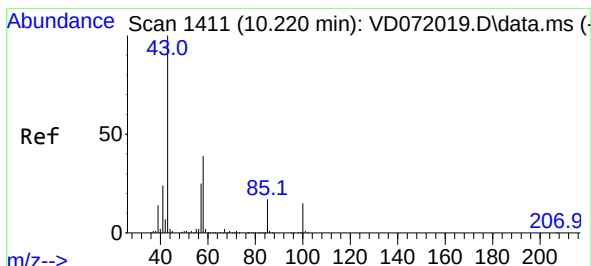
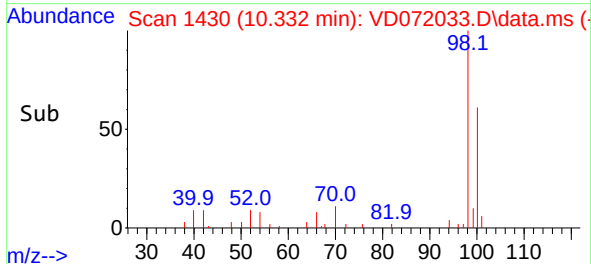
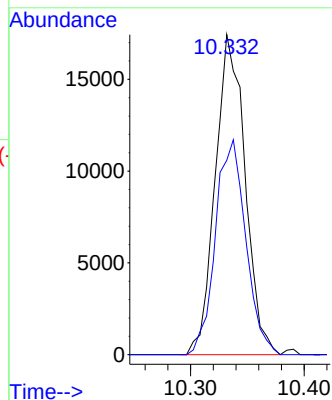
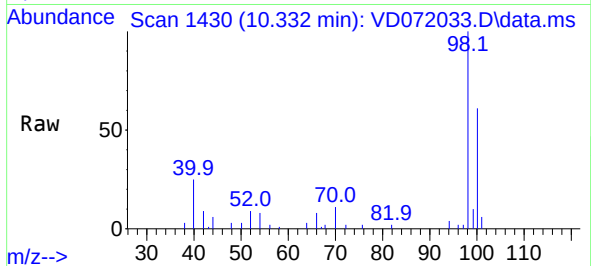




#50
Toluene-d8
Concen: 52.613 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

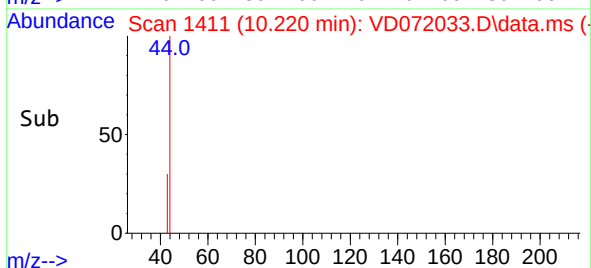
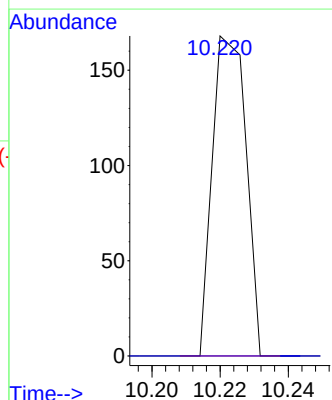
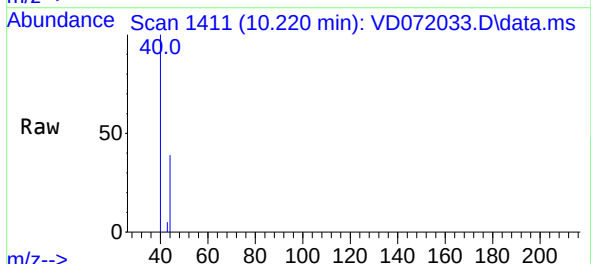
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

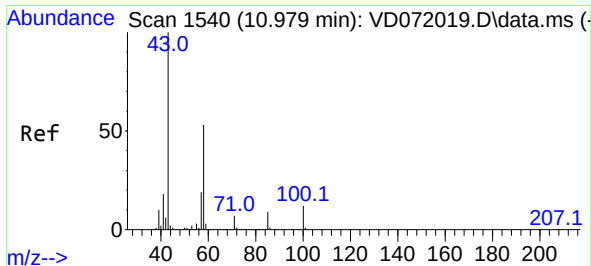
Tgt Ion: 98 Resp: 31754
Ion Ratio Lower Upper
98 100
100 68.5 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 1.019 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#

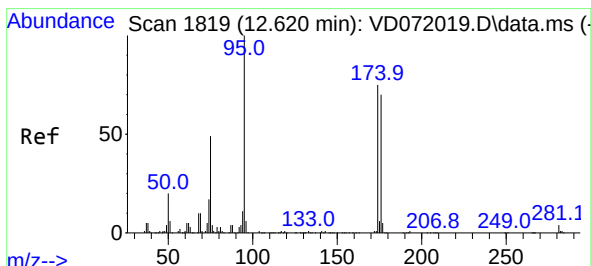
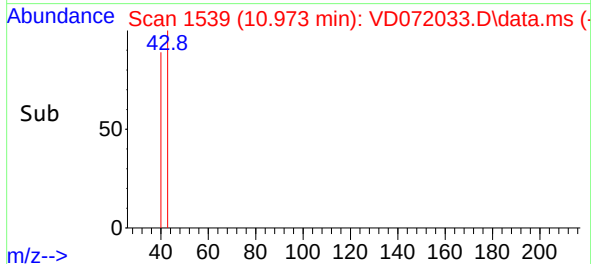
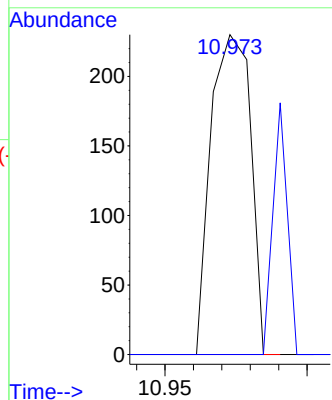
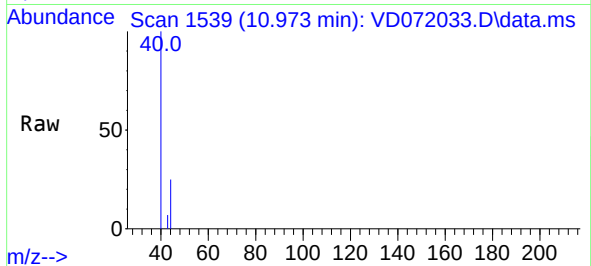




#59
2-Hexanone
Concen: 2.898 ug/l
RT: 10.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

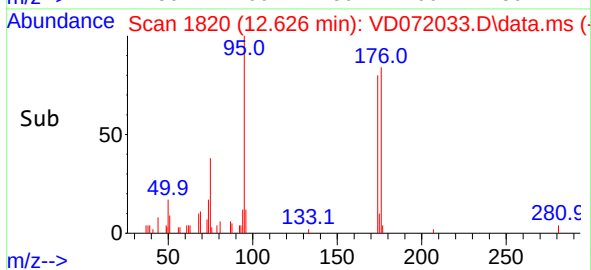
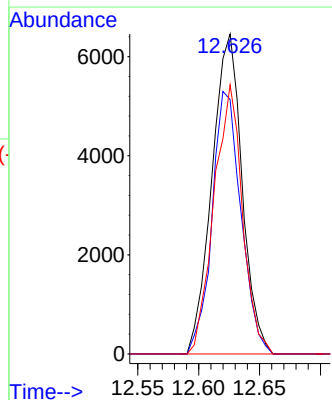
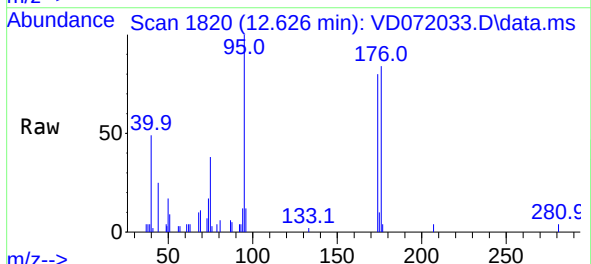
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

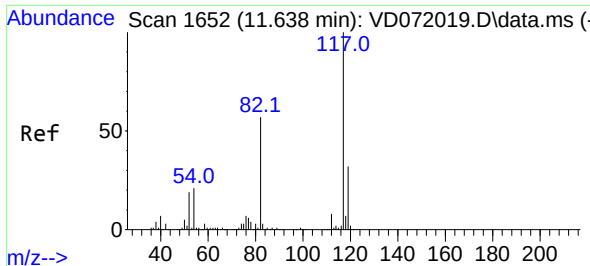
Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 28.7 27.0 80.8



#62
4-Bromofluorobenzene
Concen: 50.145 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 95 Resp: 11117
Ion Ratio Lower Upper
95 100
174 78.7 0.0 155.0
176 79.3 0.0 148.8

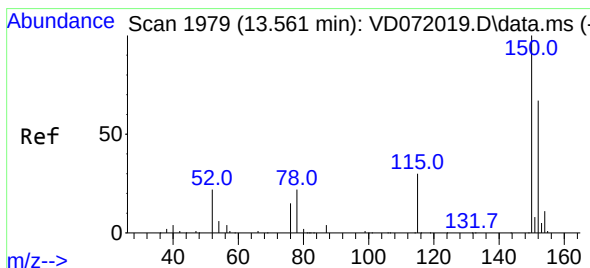
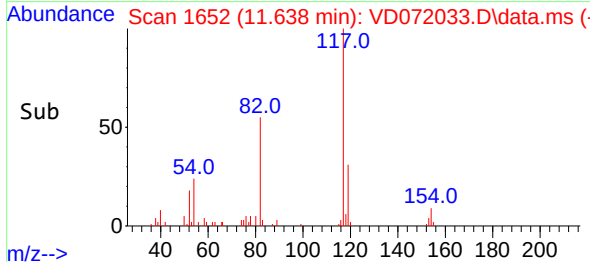
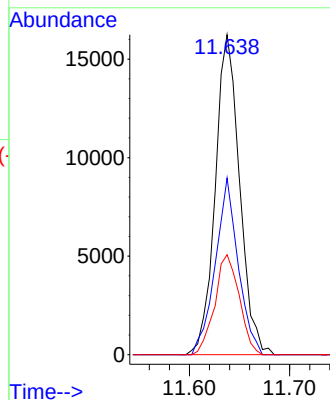
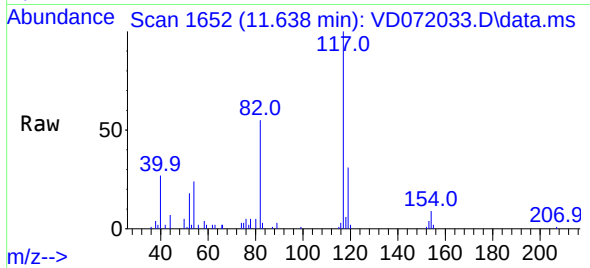




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

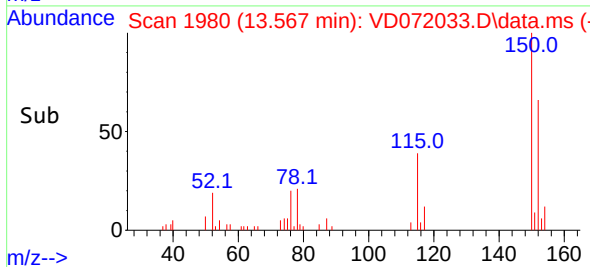
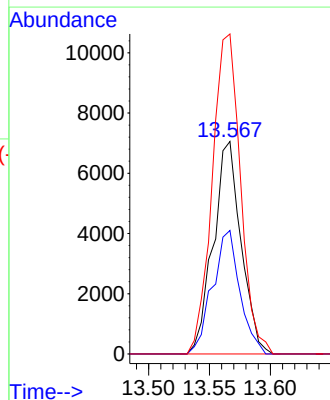
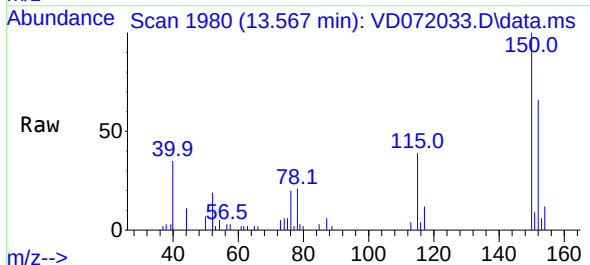
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

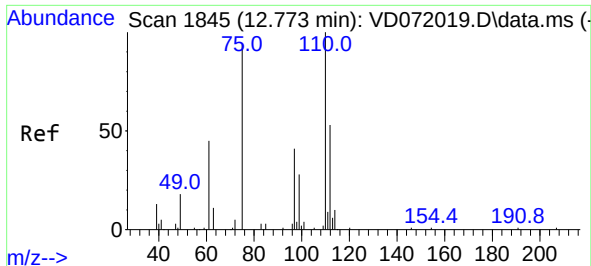
Tgt Ion:117	Resp:	27392
Ion	Ratio	Lower Upper
117	100	
82	55.2	45.4 68.0
119	31.2	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion:152	Resp:	11223
Ion	Ratio	Lower Upper
152	100	
115	57.2	29.9 89.7
150	153.0	0.0 347.6

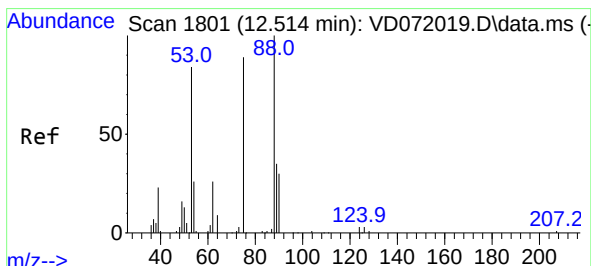
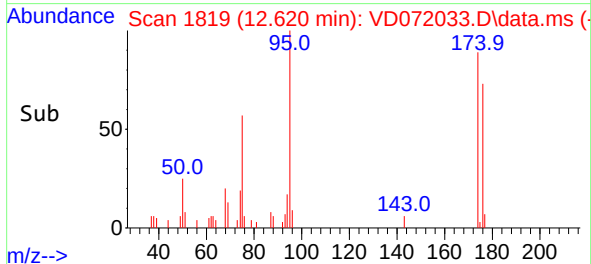
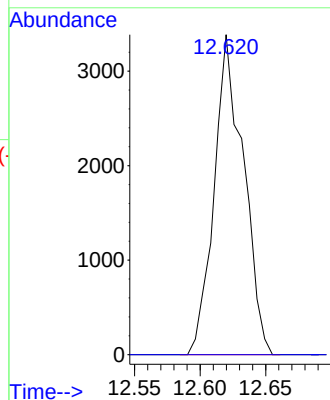
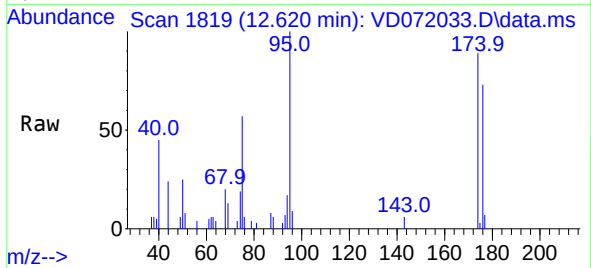




#76
1,2,3-Trichloropropane
Concen: 49.536 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

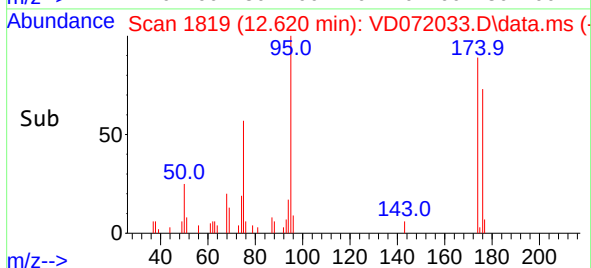
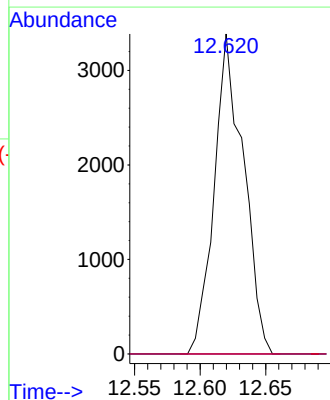
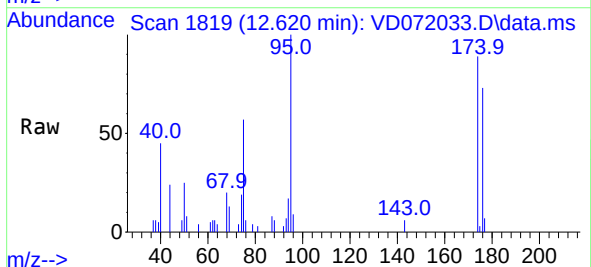
Instrument :
MSVOA_D
ClientSampleId :
CC-B2

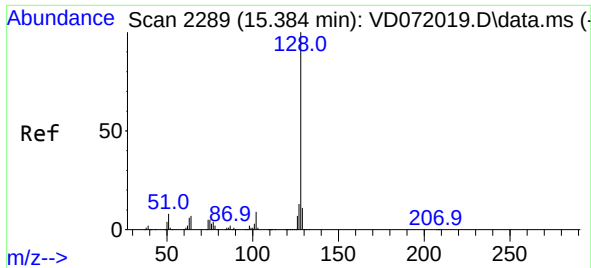
Tgt Ion: 75 Resp: 5266
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 124.048 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Tgt Ion: 75 Resp: 5266
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#





#95
Naphthalene
Concen: 1.093 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD072033.D
Acq: 21 Feb 2022 15:33

Instrument :
MSVOA_D
ClientSampleId :
CC-B2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

