

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072337.D
 Acq On : 21 Mar 2022 13:45
 Operator : VA/SY
 Sample : N1949-05
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-5-6

Quant Time: Mar 22 02:11:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

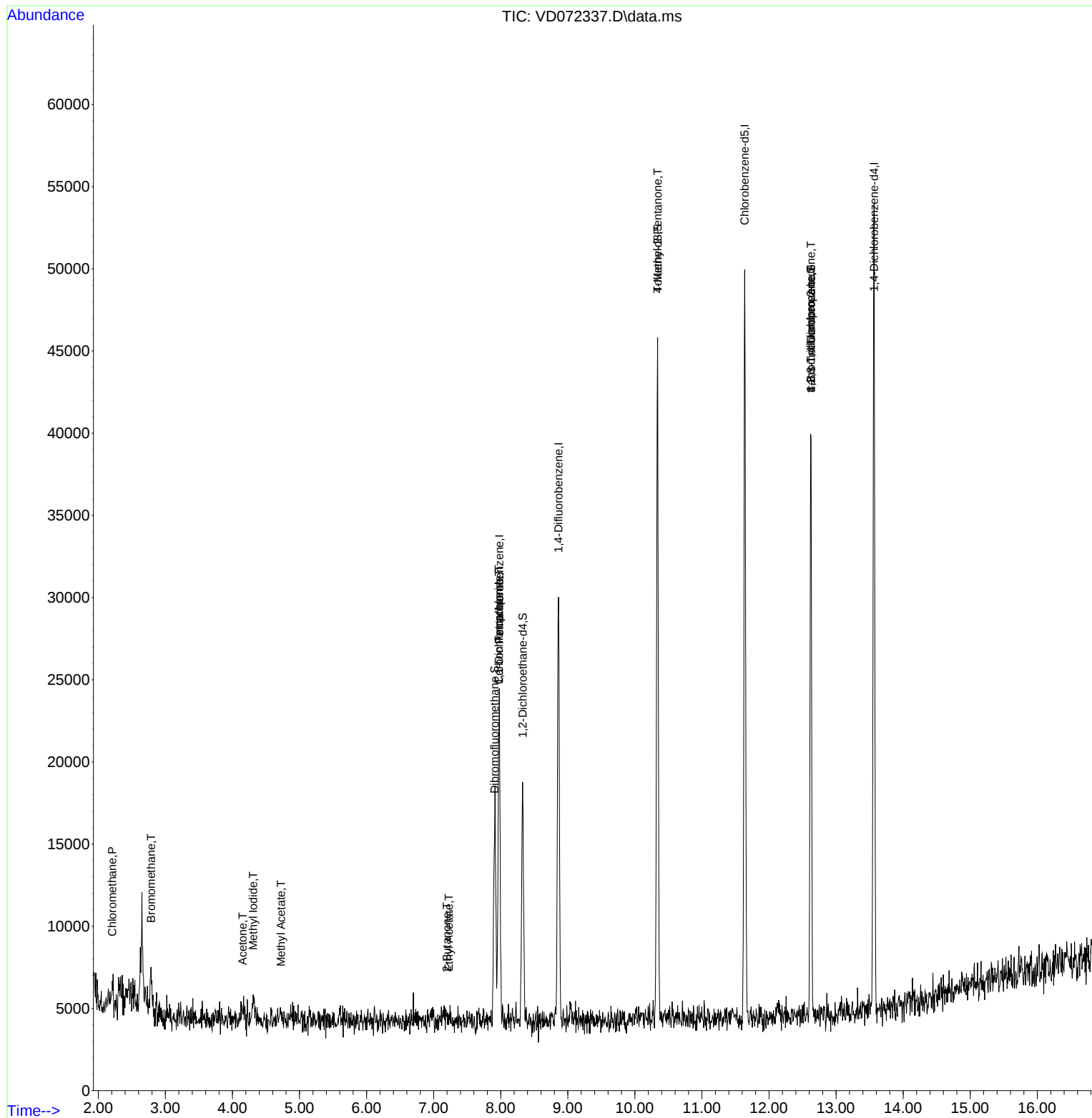
Internal Standards						
1) Pentafluorobenzene	7.979	168	13895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	22374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	12782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10811	69.815	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.640%			
35) Dibromofluoromethane	7.909	113	9458	60.071	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.140%			
50) Toluene-d8	10.338	98	27070	47.020	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.040%			
62) 4-Bromofluorobenzene	12.626	95	11873	53.077	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.160%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	1278	11.191	ug/l #	70
5) Bromomethane	2.785	94	2514	35.022	ug/l #	68
10) Methyl Iodide	4.309	142	1286	10.867	ug/l #	91
16) Acetone	4.150	43	1693	50.355	ug/l #	47
18) Methyl Acetate	4.726	43	165	2.003	ug/l #	55
20) Methylene Chloride	4.973	84	55	Below Cal	#	62
25) 2-Butanone	7.197	43	201	4.484	ug/l #	52
36) 1,1-Dichloropropene	7.973	75	1300	5.886	ug/l #	43
37) Ethyl Acetate	7.226	43	136	1.406	ug/l #	72
38) Carbon Tetrachloride	7.973	117	1757	6.998	ug/l #	13
51) 4-Methyl-2-Pentanone	10.338	43	113	1.146	ug/l #	80
76) 1,2,3-Trichloropropane	12.626	75	5830	41.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	5830	102.590	ug/l #	7

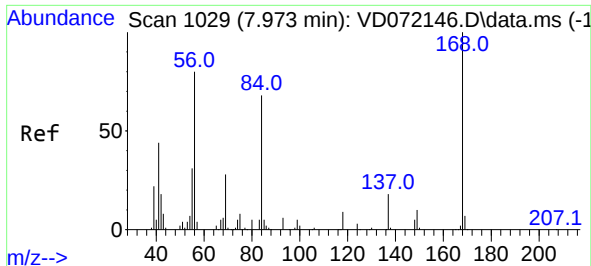
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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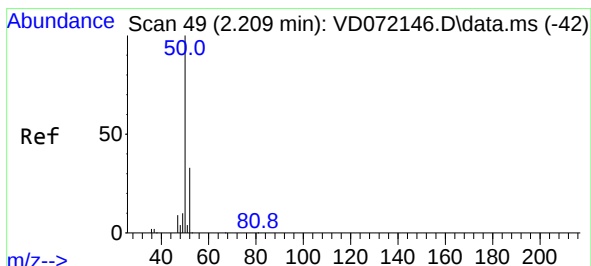
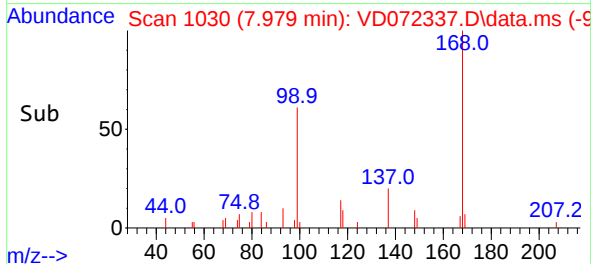
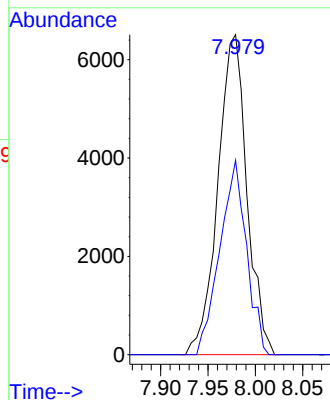
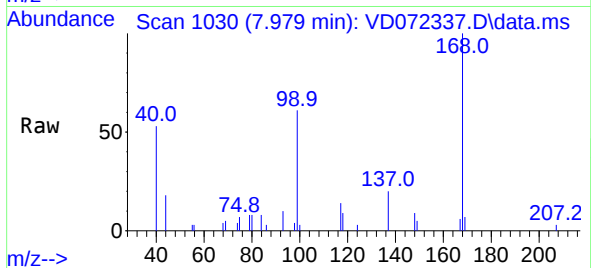




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

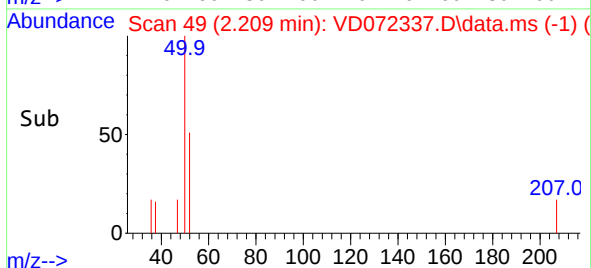
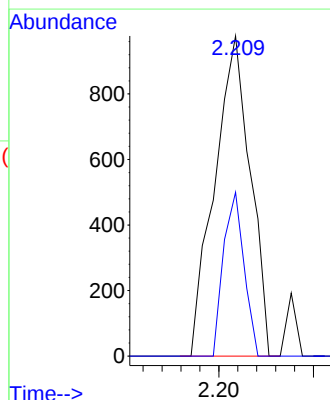
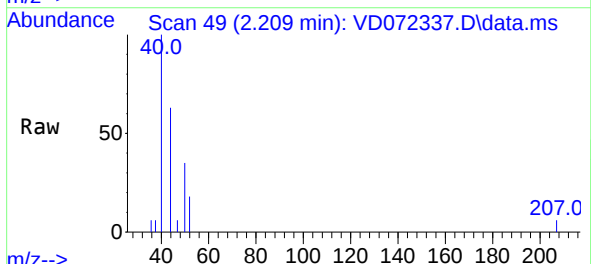
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

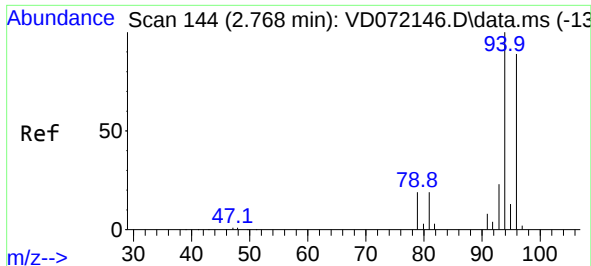
Tgt Ion:168 Resp: 13895
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#3
Chloromethane
Concen: 11.191 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 50 Resp: 1278
Ion Ratio Lower Upper
50 100
52 51.2 27.4 41.0#

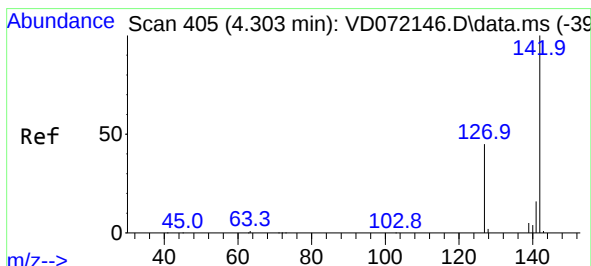
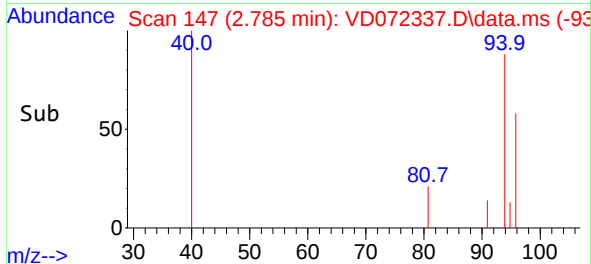
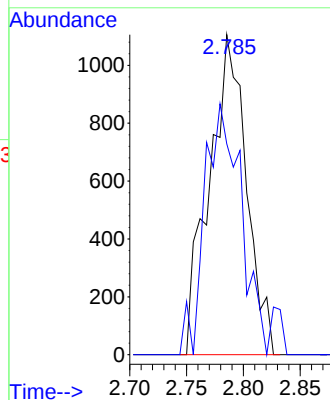
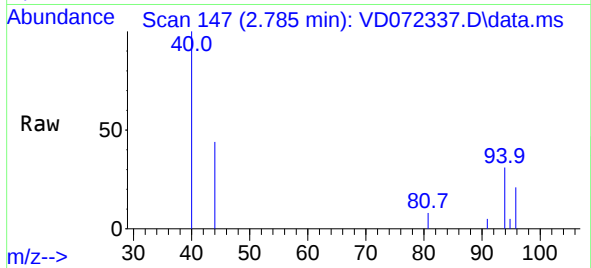




#5
Bromomethane
Concen: 35.022 ug/l
RT: 2.785 min Scan# 14
Delta R.T. 0.018 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

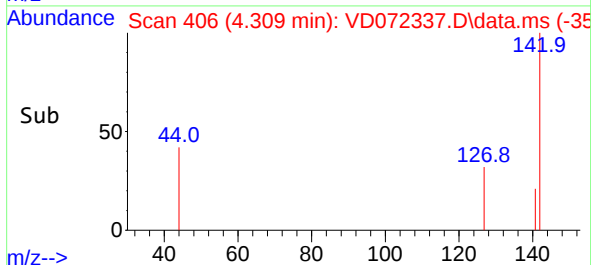
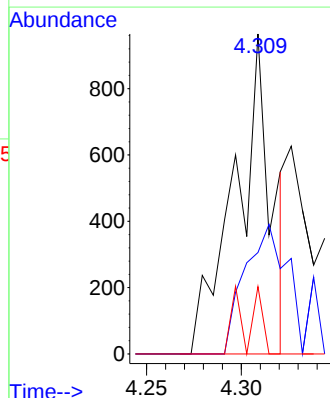
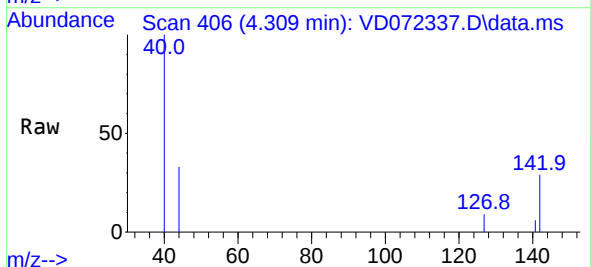
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

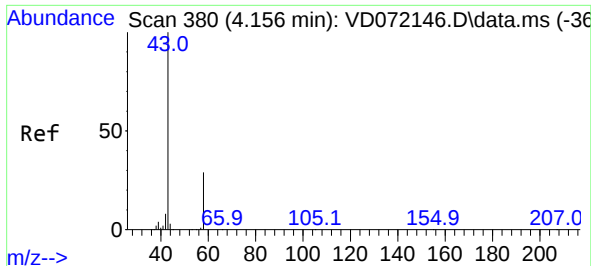
Tgt Ion: 94 Resp: 2514
Ion Ratio Lower Upper
94 100
96 65.9 77.6 116.4#



#10
Methyl Iodide
Concen: 10.867 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 142 Resp: 1286
Ion Ratio Lower Upper
142 100
127 53.1 37.3 55.9
141 11.2 11.7 17.5#

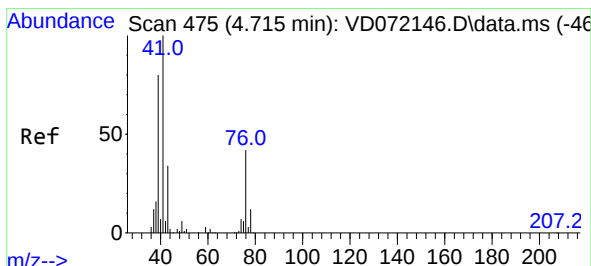
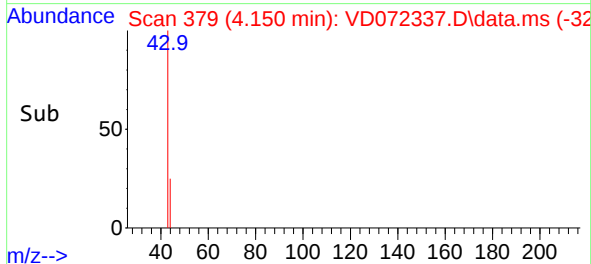
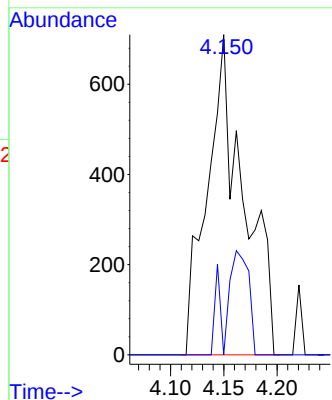
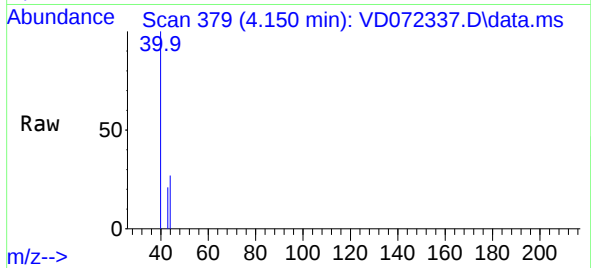




#16
Acetone
Concen: 50.355 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

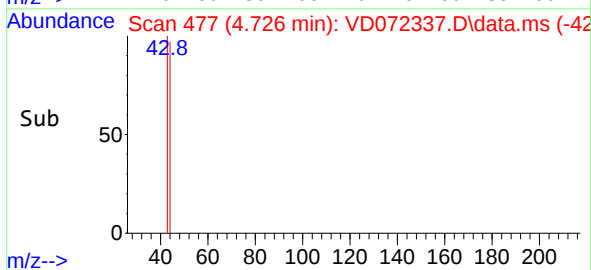
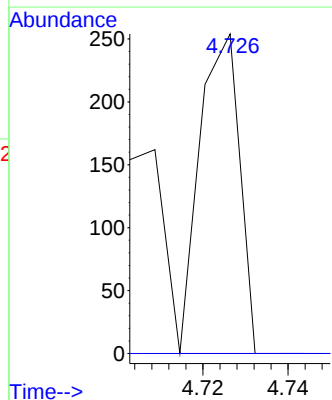
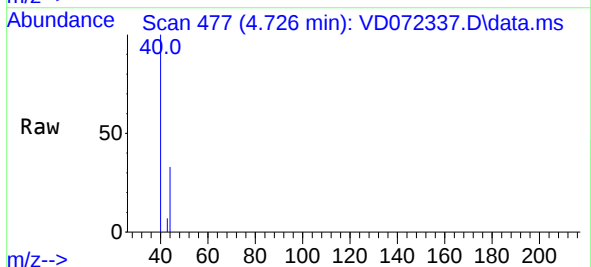
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

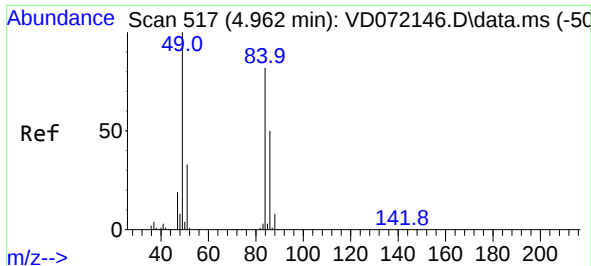
Tgt Ion: 43 Resp: 1693
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 2.003 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

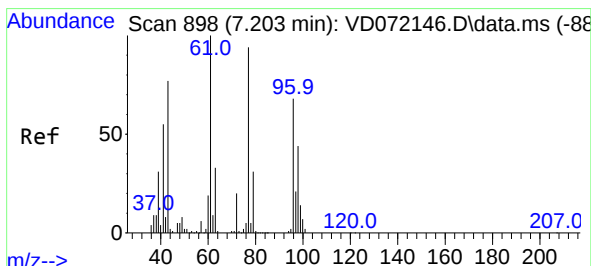
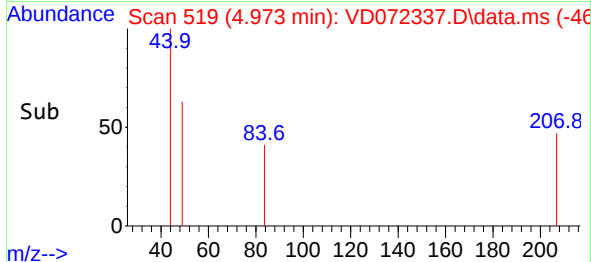
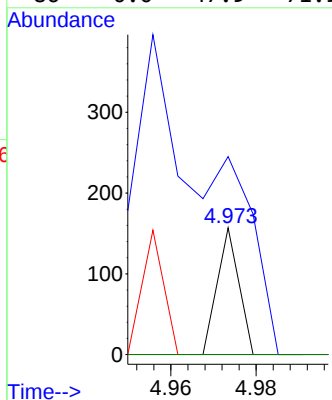
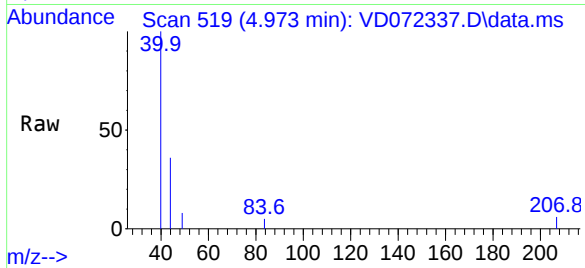




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

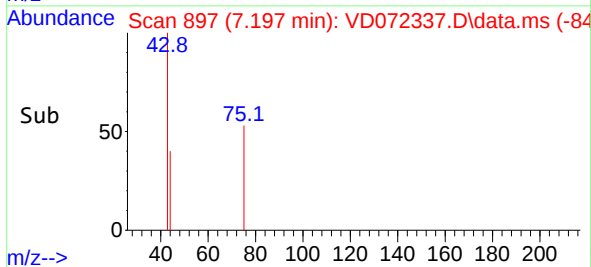
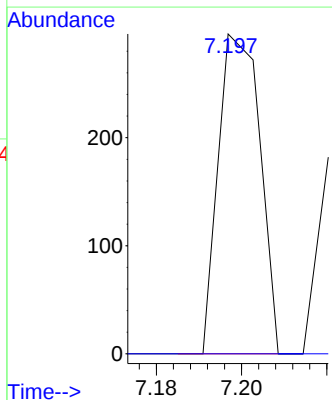
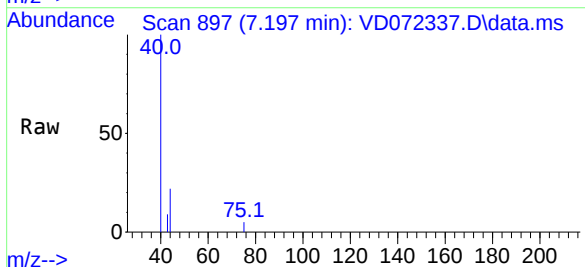
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

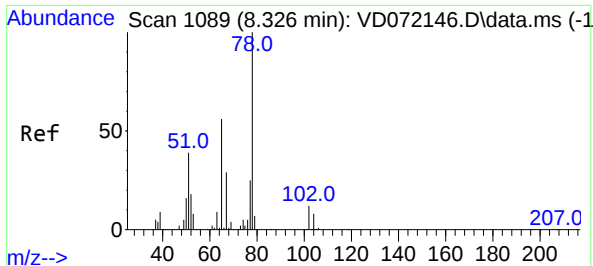
Tgt Ion:	84	Resp:	55
Ion	Ratio	Lower	Upper
84	100		
49	156.1	112.8	169.2
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#25
2-Butanone
Concen: 4.484 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion:	43	Resp:	201
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

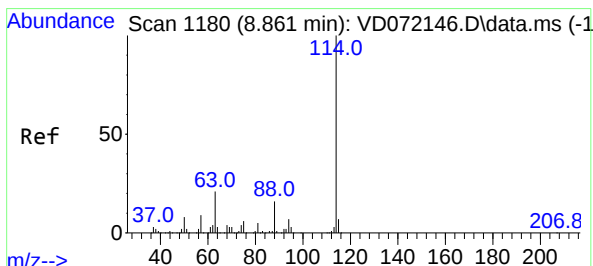
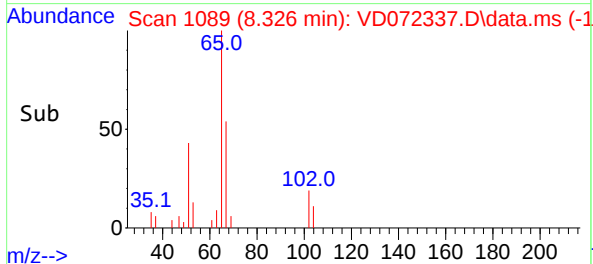
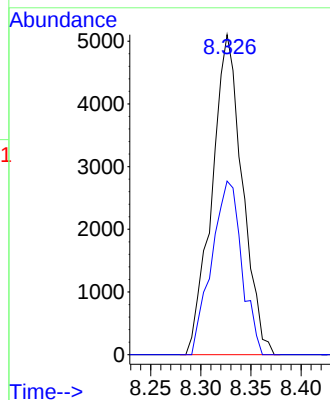
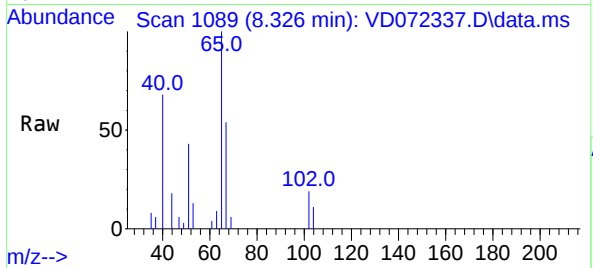




#33
1,2-Dichloroethane-d4
Concen: 69.815 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

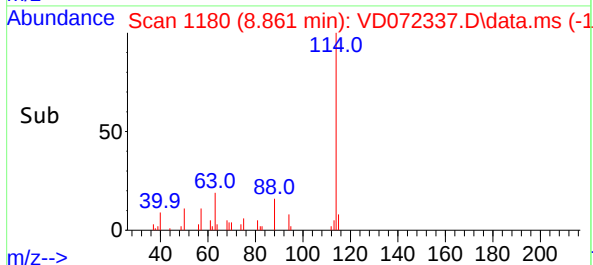
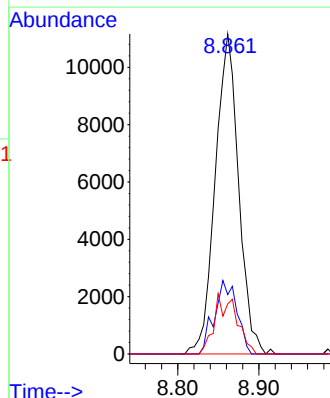
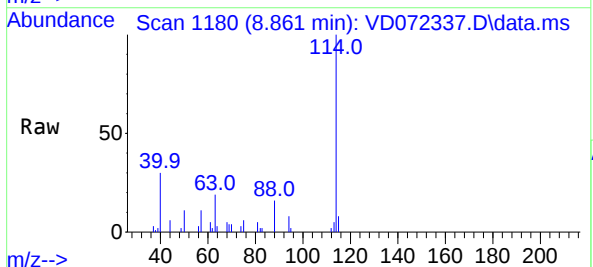
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

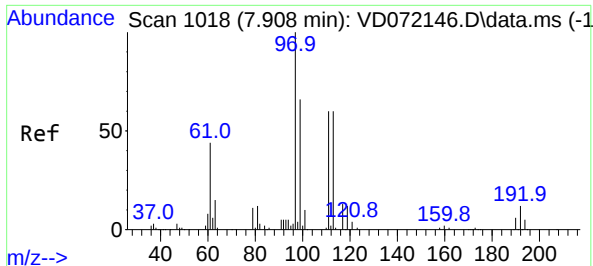
Tgt Ion: 65 Resp: 10811
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 114 Resp: 22374
Ion Ratio Lower Upper
114 100
63 18.5 0.0 46.6
88 15.7 0.0 33.2

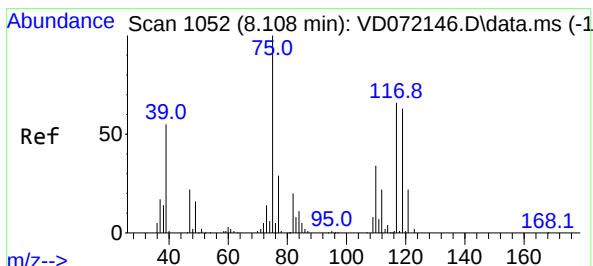
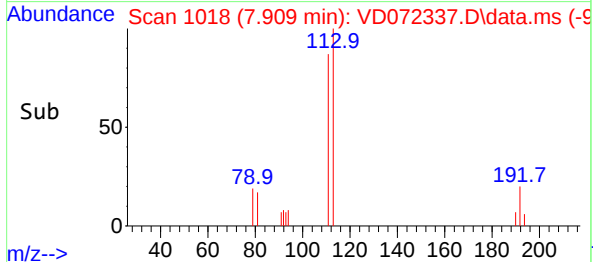
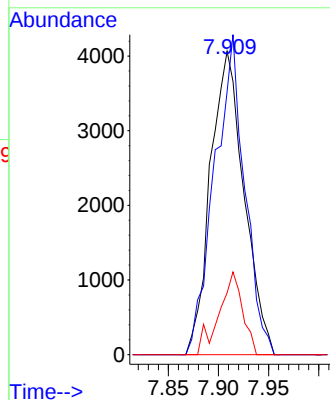
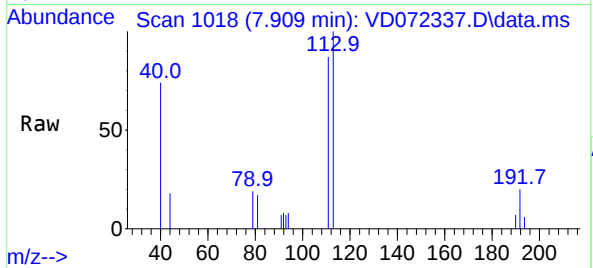




#35
Dibromofluoromethane
Concen: 60.071 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

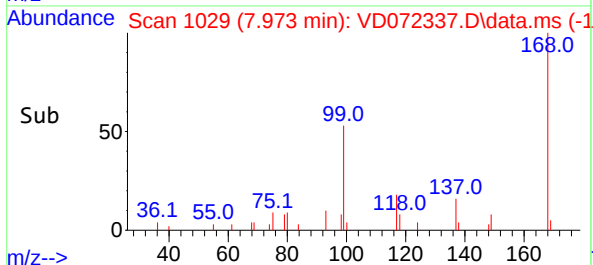
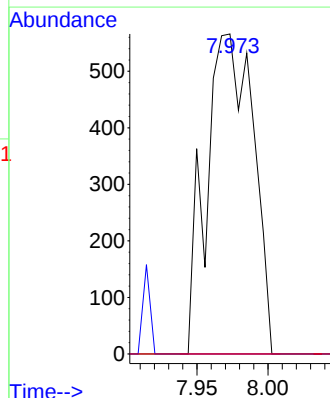
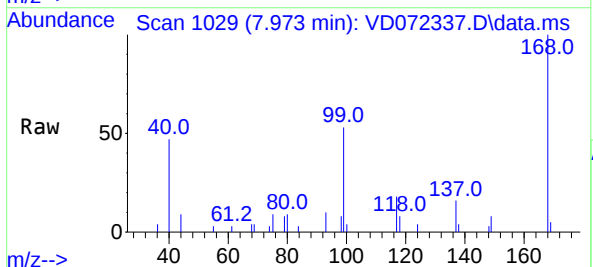
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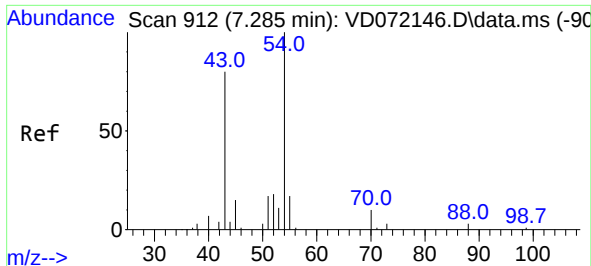
Tgt Ion:113 Resp: 9458
Ion Ratio Lower Upper
113 100
111 94.7 83.8 125.6
192 19.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.886 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 75 Resp: 1300
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.406 ug/l

RT: 7.226 min Scan# 90

Delta R.T. -0.059 min

Lab File: VD072337.D

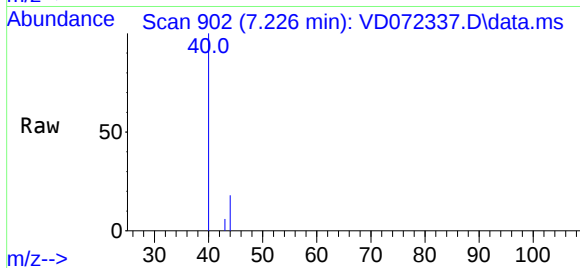
Acq: 21 Mar 2022 13:45

Instrument :

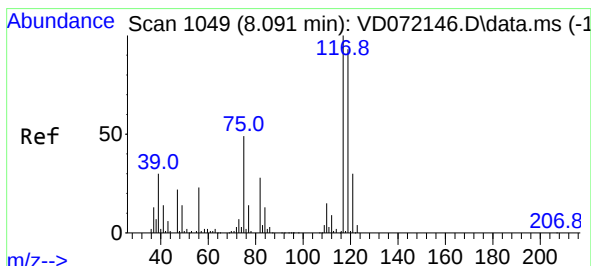
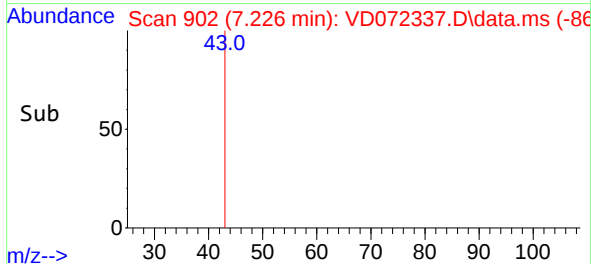
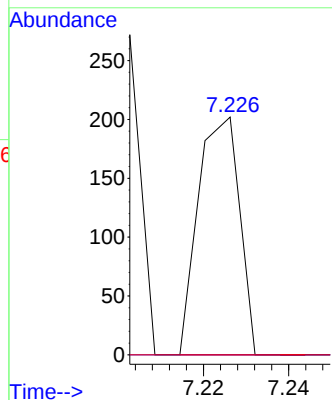
MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6



Tgt Ion: 43	Resp:	136
Ion	Ratio	Lower Upper
43	100	
61	0.0	9.8 14.8#
70	0.0	6.9 10.3#



#38

Carbon Tetrachloride

Concen: 6.998 ug/l

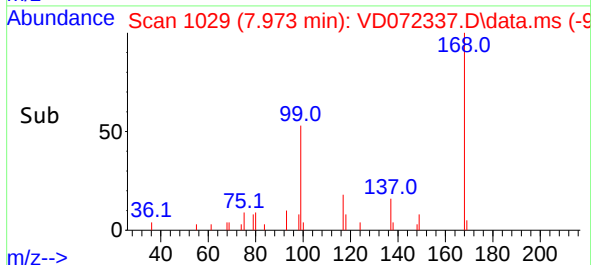
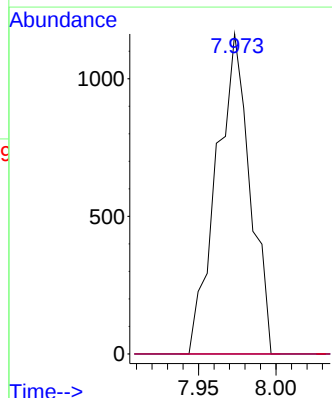
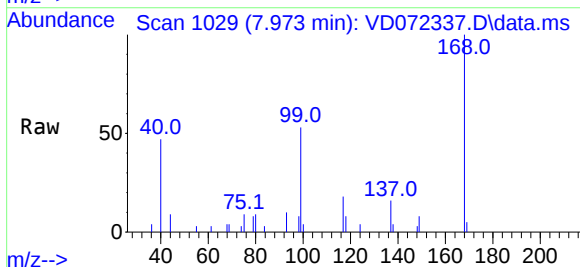
RT: 7.973 min Scan# 1029

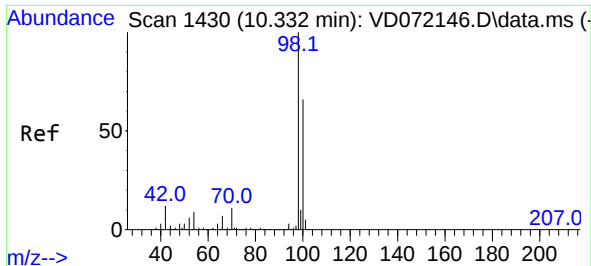
Delta R.T. -0.118 min

Lab File: VD072337.D

Acq: 21 Mar 2022 13:45

Tgt Ion: 117	Resp:	1757
Ion	Ratio	Lower Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#

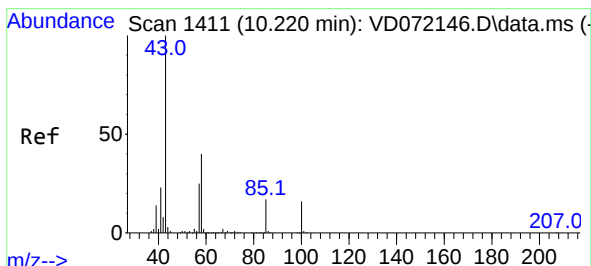
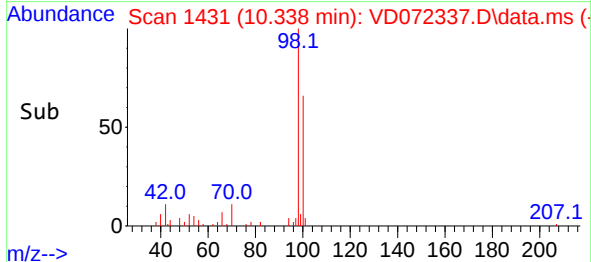
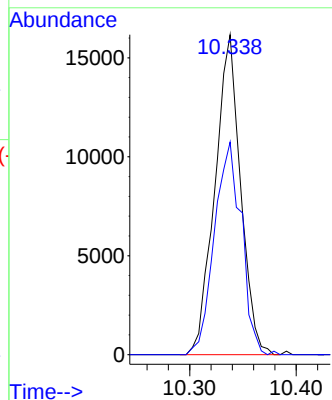
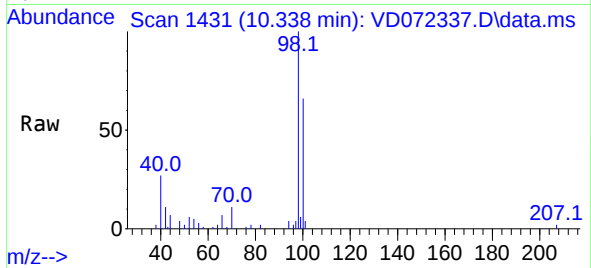




#50
Toluene-d8
Concen: 47.020 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

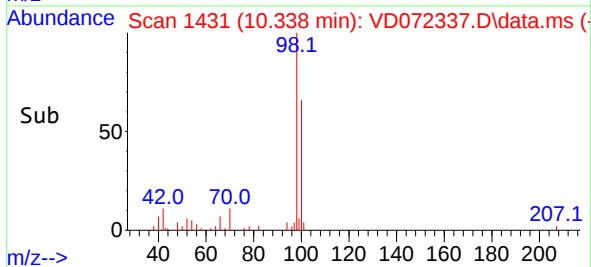
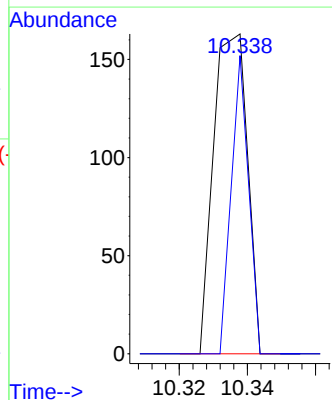
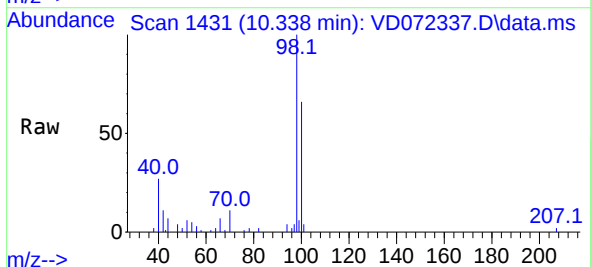
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

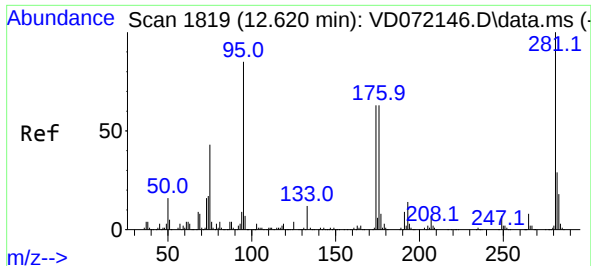
Tgt Ion: 98 Resp: 27070
Ion Ratio Lower Upper
98 100
100 70.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.146 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 47.8 28.6 43.0#

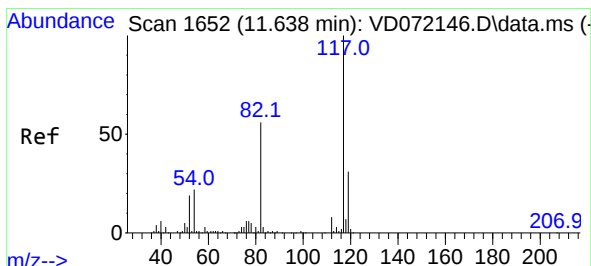
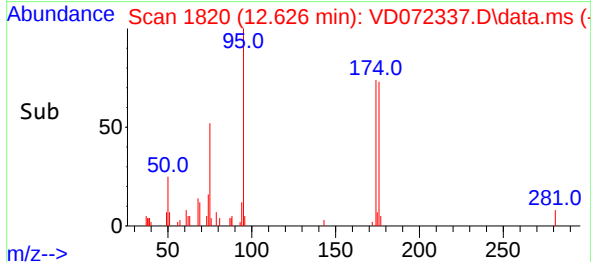
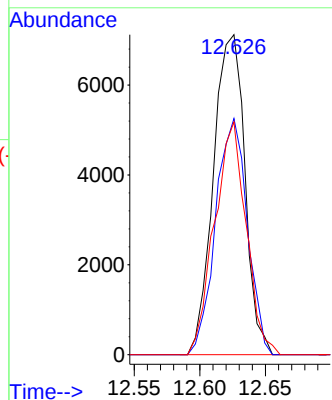
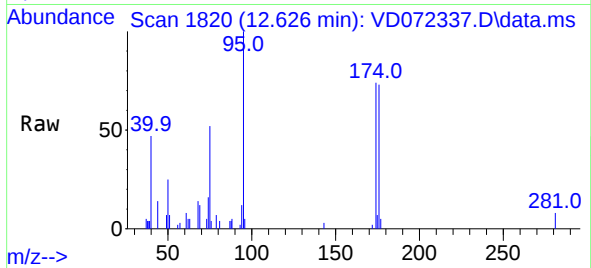




#62
4-Bromofluorobenzene
Concen: 53.077 ug/l
RT: 12.626 min Scan# 11873
Delta R.T. 0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

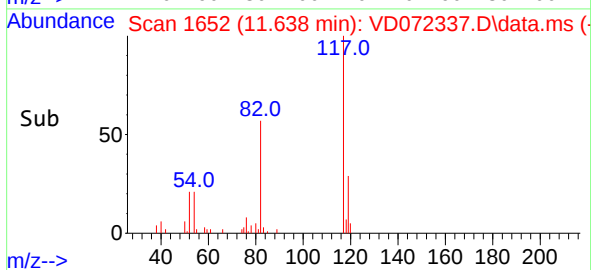
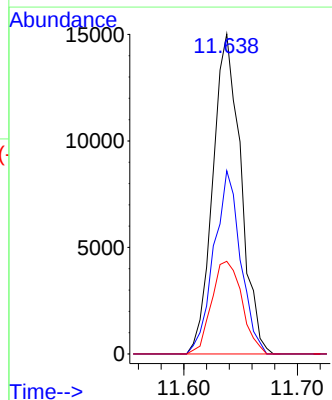
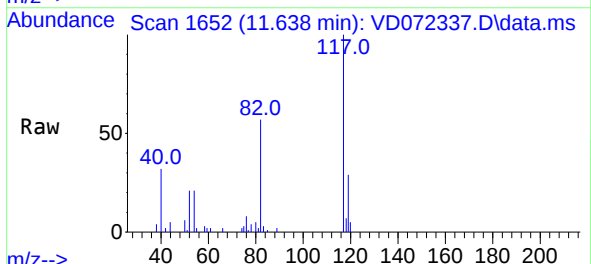
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

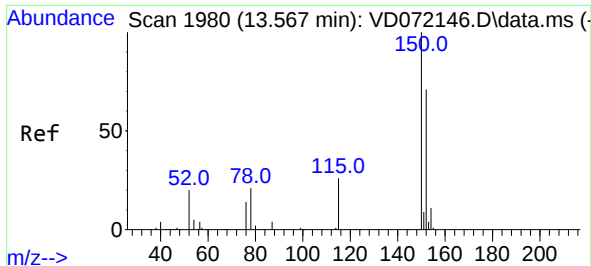
Tgt Ion:	95	Resp:	11873
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	152.8
176	73.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion:	117	Resp:	25668
Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.3	67.9
119	29.0	26.6	40.0

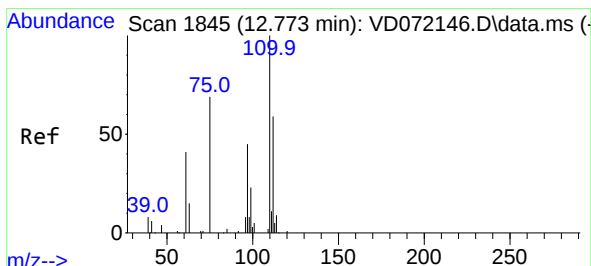
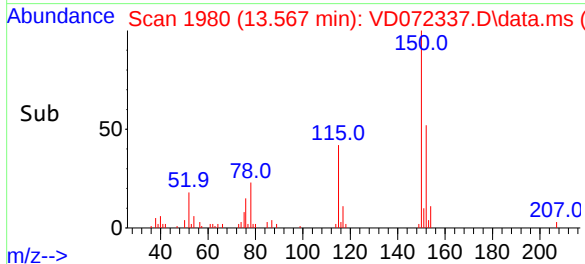
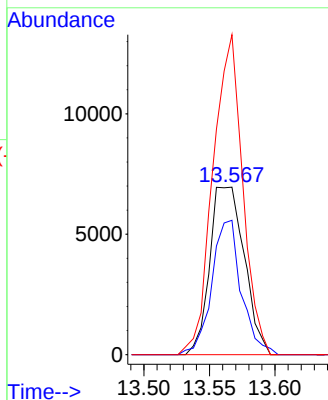
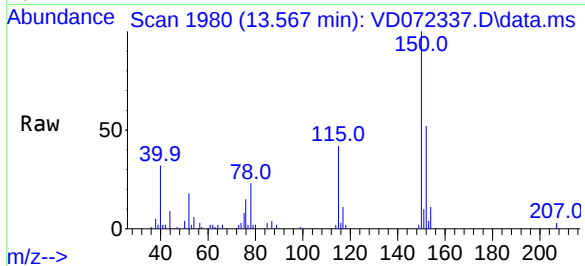




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

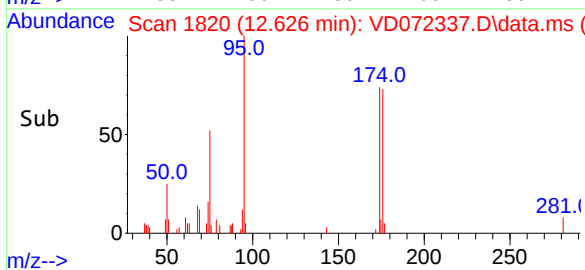
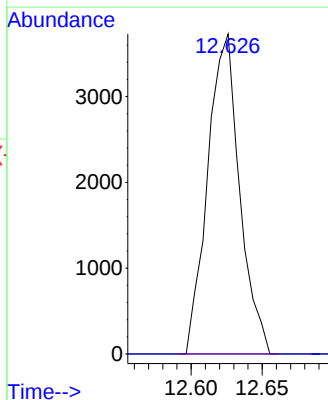
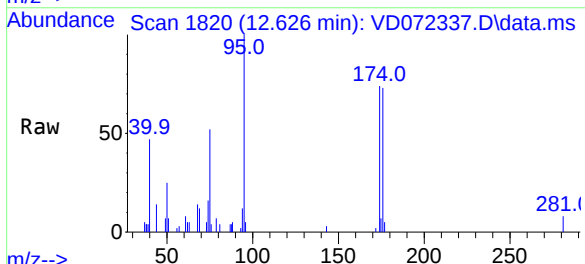
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

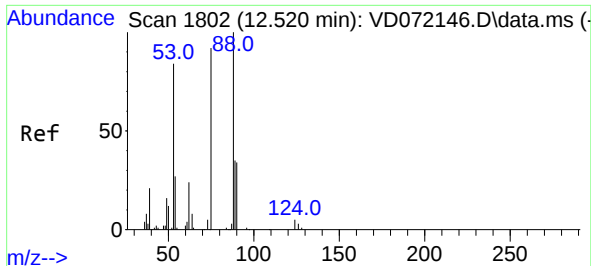
Tgt Ion:152 Resp: 12782
Ion Ratio Lower Upper
152 100
115 68.4 31.3 93.8
150 163.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 41.348 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

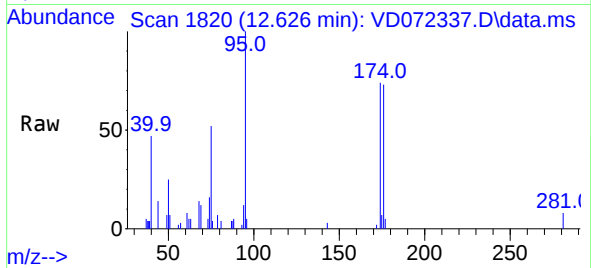
Tgt Ion: 75 Resp: 5830
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.590 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072337.D
 Acq: 21 Mar 2022 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-5-6



Tgt Ion: 75 Resp: 5830
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

