

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072338.D
 Acq On : 21 Mar 2022 14:13
 Operator : VA/SY
 Sample : N1949-06
 Misc : 3.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 22 02:11:28 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)

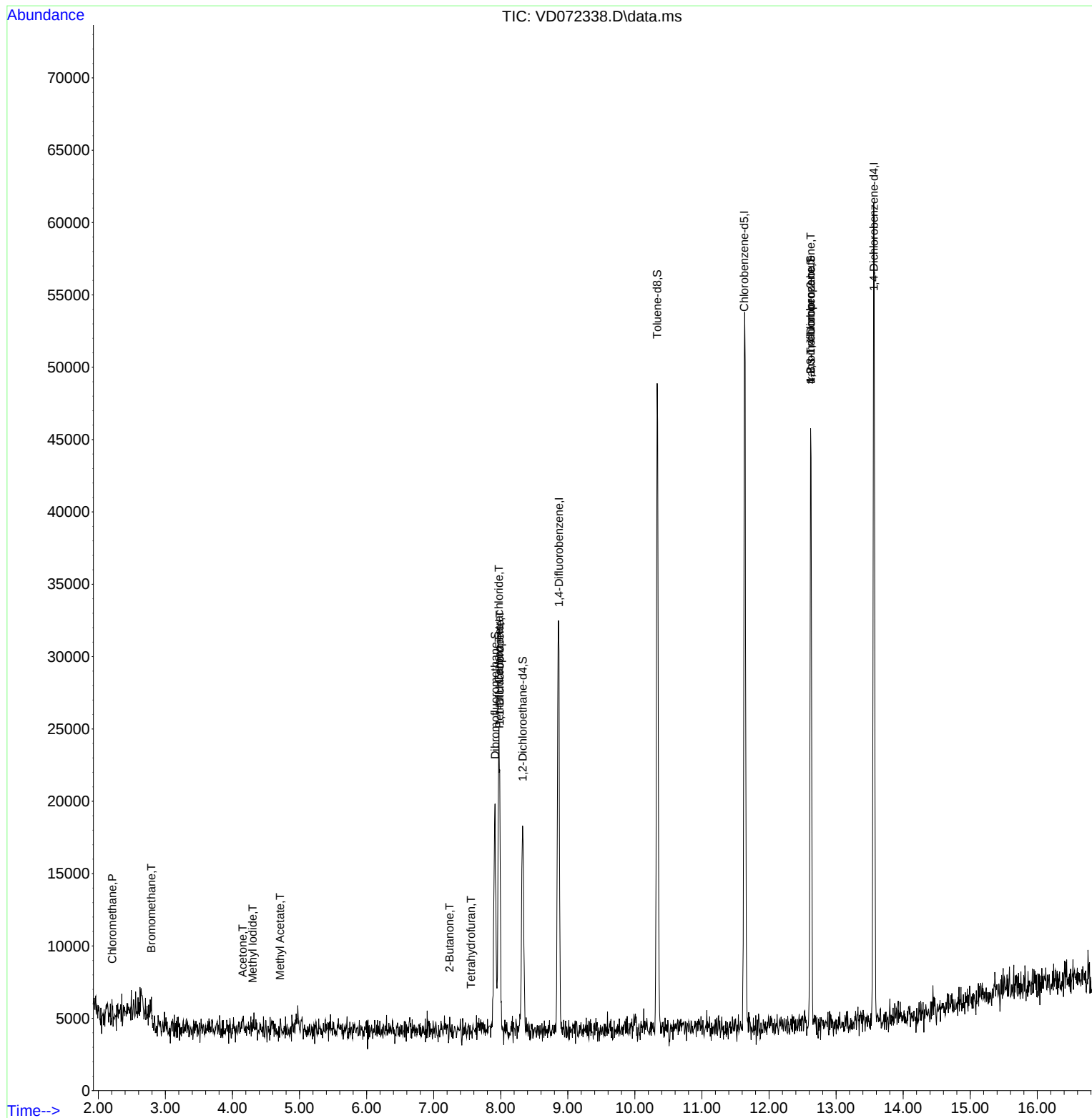
Internal Standards						
1) Pentafluorobenzene	7.979	168	15933	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	23834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	29620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	11927	67.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.340%	
35) Dibromofluoromethane	7.914	113	10726	63.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.900%	
50) Toluene-d8	10.332	98	29963	48.857	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.620	95	13212	55.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	604	4.612	ug/l	# 61
5) Bromomethane	2.791	94	1584	19.244	ug/l	# 40
10) Methyl Iodide	4.303	142	551	5.455	ug/l	# 58
16) Acetone	4.150	43	1481	38.415	ug/l	94
18) Methyl Acetate	4.709	43	142	1.503	ug/l	# 55
20) Methylene Chloride	4.979	84	466	Below Cal	#	55
25) 2-Butanone	7.238	43	92	1.790	ug/l	# 52
29) Tetrahydrofuran	7.556	42	95	3.143	ug/l	# 38
36) 1,1-Dichloropropene	7.985	75	600	2.550	ug/l	# 53
38) Carbon Tetrachloride	7.973	117	1851	6.921	ug/l	# 13
76) 1,2,3-Trichloropropane	12.620	75	7301	49.478	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	7301	122.760	ug/l	# 7

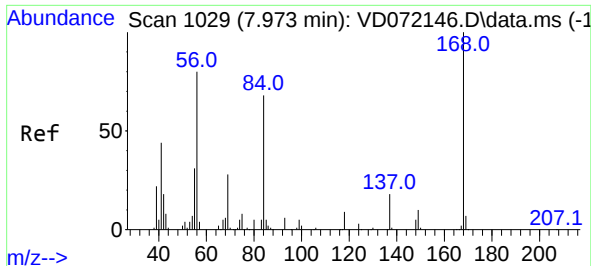
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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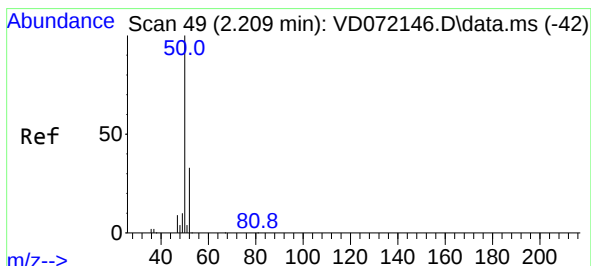
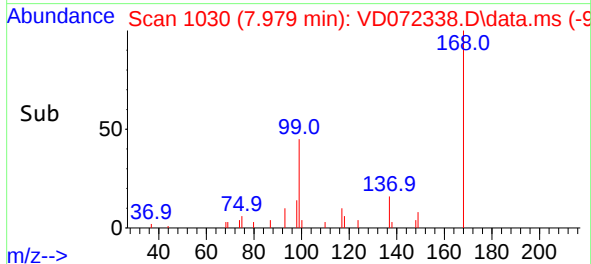
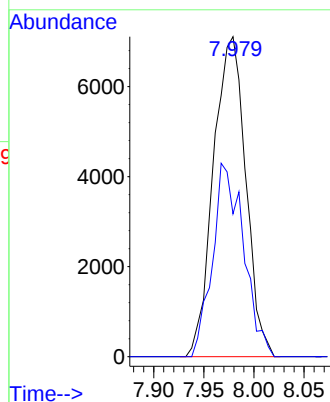
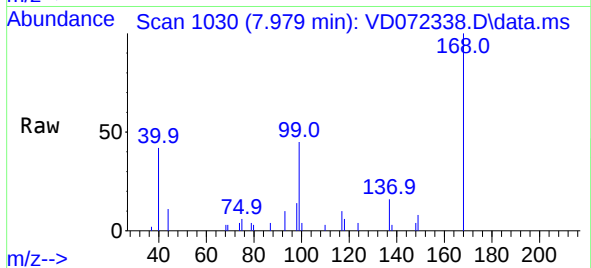




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

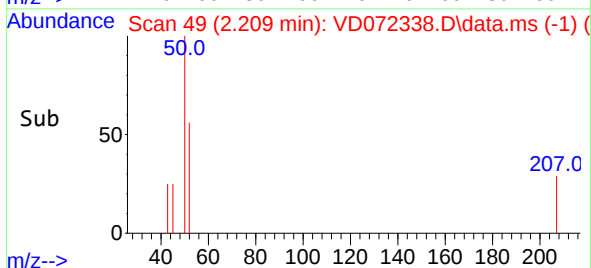
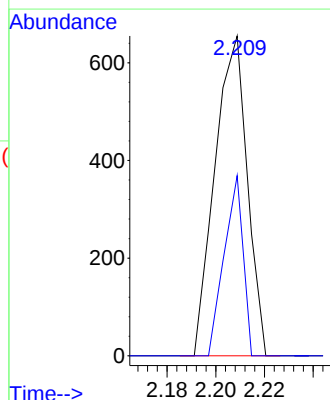
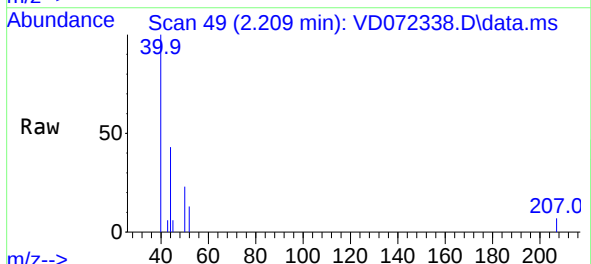
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

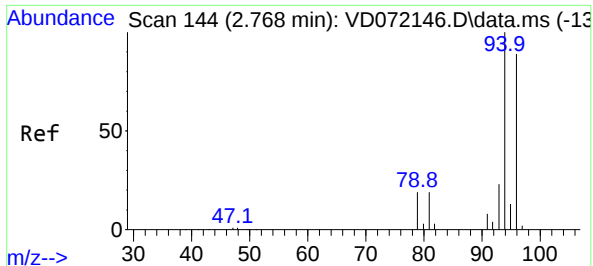
Tgt Ion:168 Resp: 15933
Ion Ratio Lower Upper
168 100
99 44.7 49.8 74.6#



#3
Chloromethane
Concen: 4.612 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 56.3 27.4 41.0#

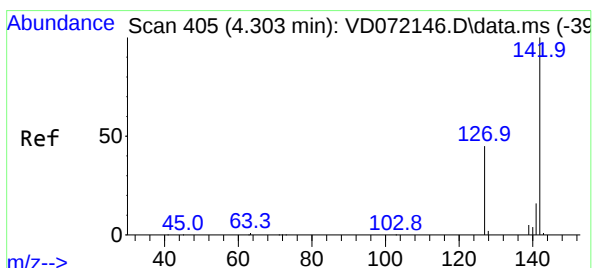
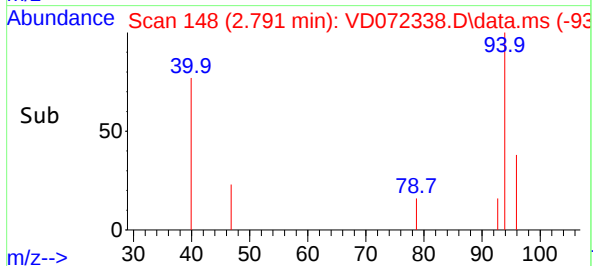
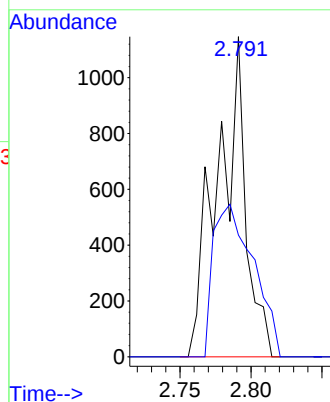
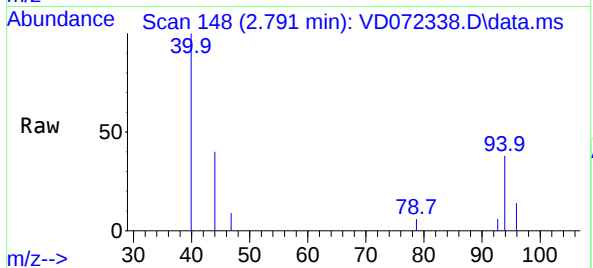




#5
Bromomethane
Concen: 19.244 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.024 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

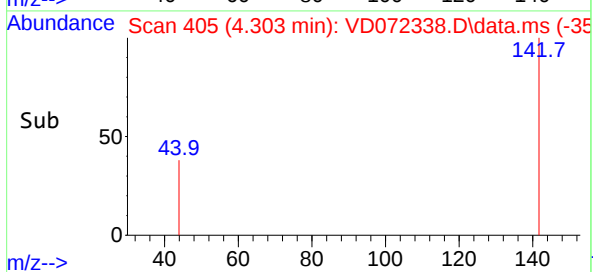
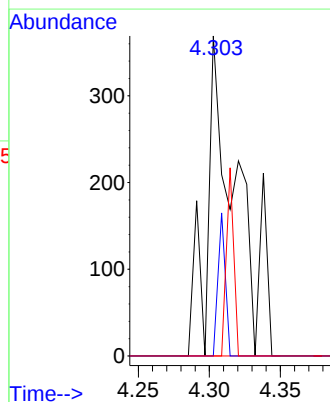
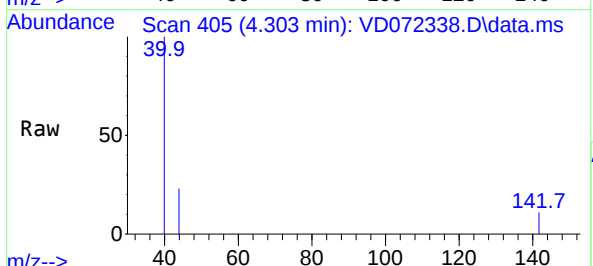
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MSVOA_D
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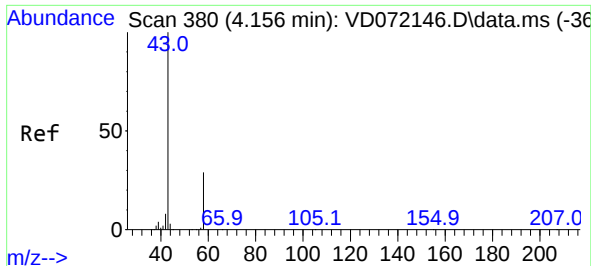
Tgt Ion: 94 Resp: 1584
Ion Ratio Lower Upper
94 100
96 38.0 77.6 116.4#



#10
Methyl Iodide
Concen: 5.455 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion:142 Resp: 551
Ion Ratio Lower Upper
142 100
127 10.5 37.3 55.9#
141 14.0 11.7 17.5

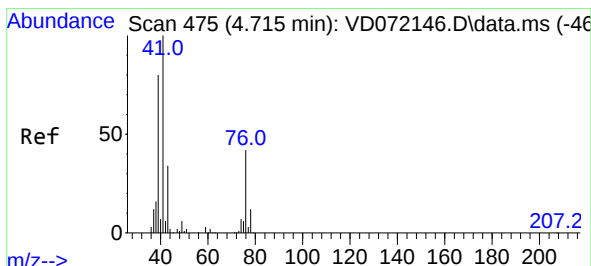
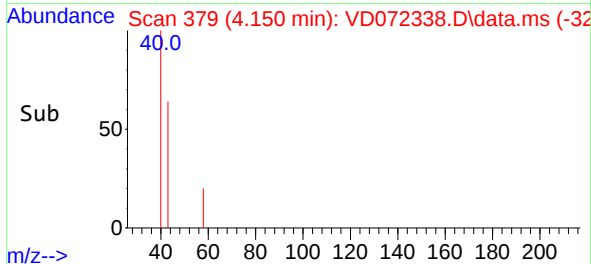
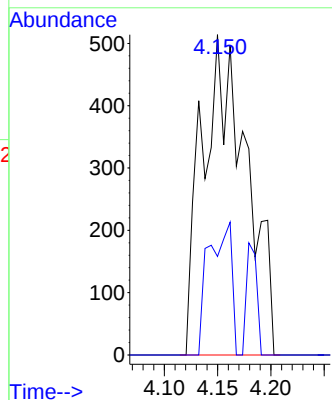
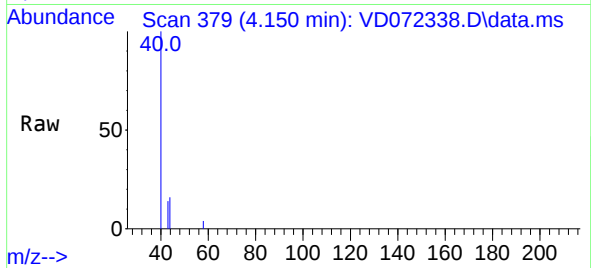




#16
Acetone
Concen: 38.415 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

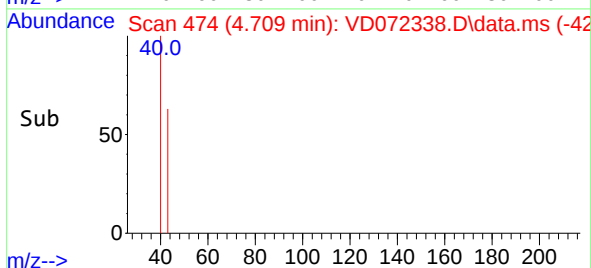
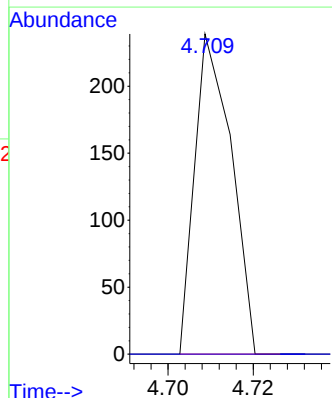
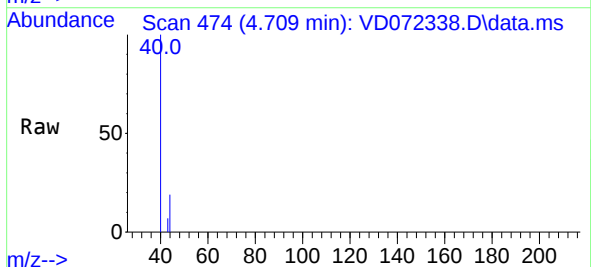
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

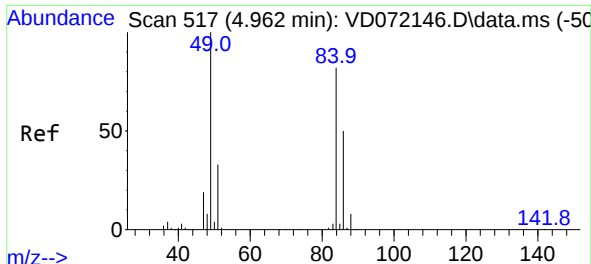
Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1



#18
Methyl Acetate
Concen: 1.503 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

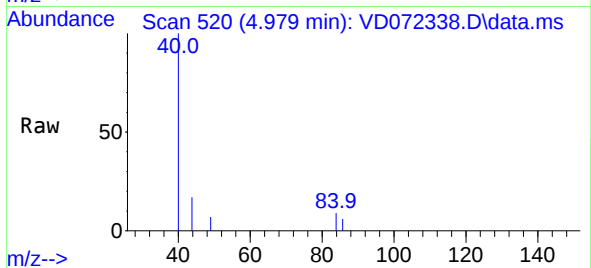
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



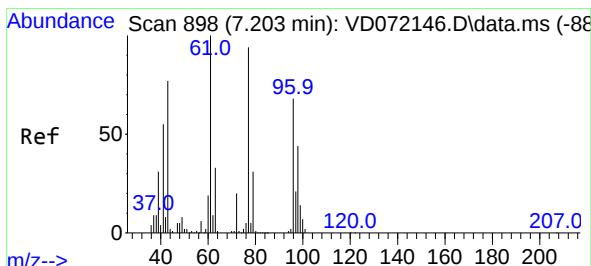
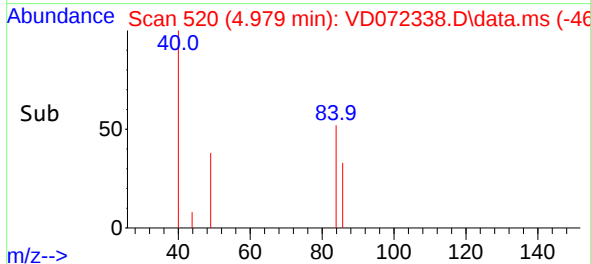
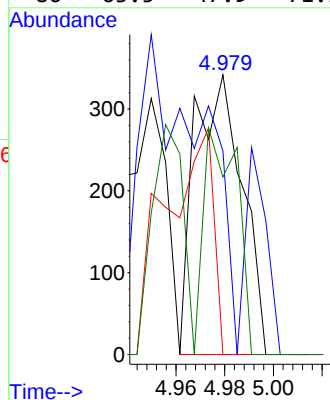


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 51
Delta R.T. 0.017 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

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

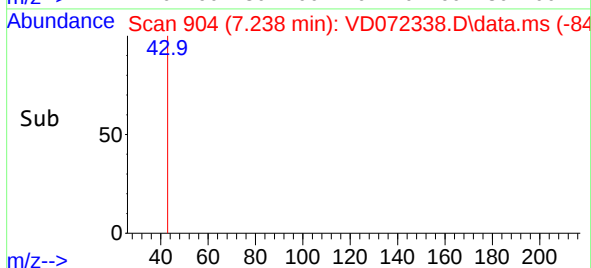
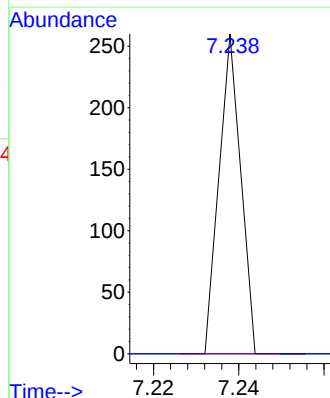
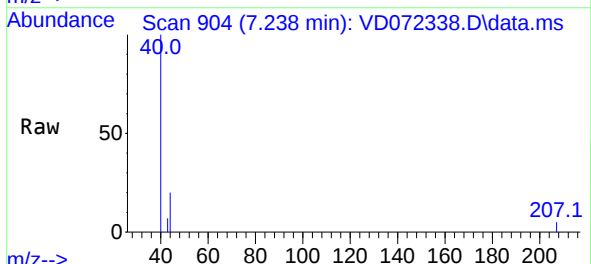


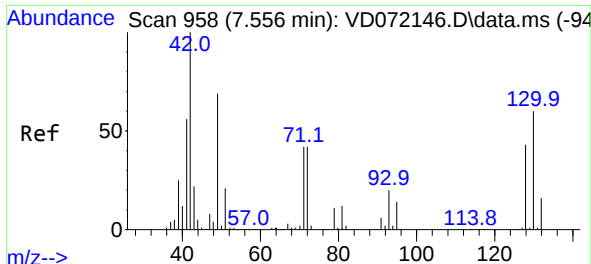
Tgt Ion: 84 Resp: 466
Ion Ratio Lower Upper
84 100
49 72.8 112.8 169.2#
51 0.0 32.6 48.8#
86 63.5 47.9 71.9



#25
2-Butanone
Concen: 1.790 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.035 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#29

Tetrahydrofuran

Concen: 3.143 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072338.D

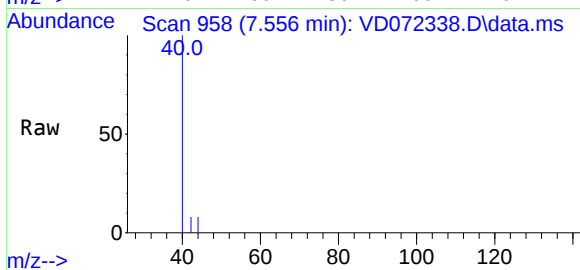
Acq: 21 Mar 2022 14:13

Instrument :

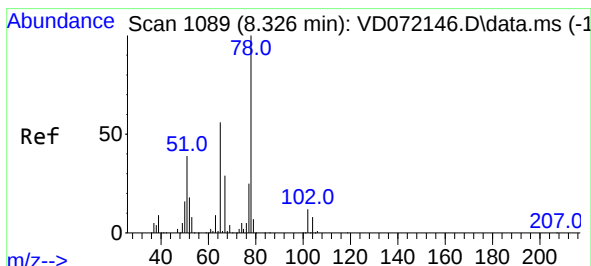
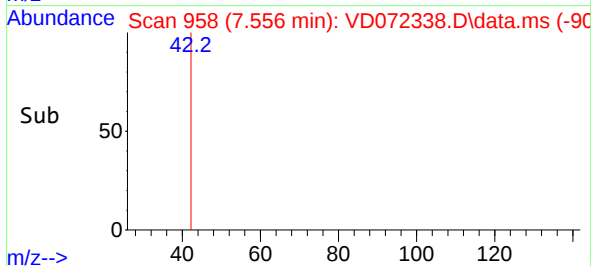
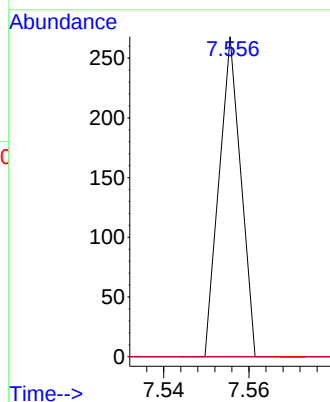
MSVOA_D

ClientSampleId :

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Tgt Ion:	42	Resp:	95
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#33

1,2-Dichloroethane-d4

Concen: 67.170 ug/l

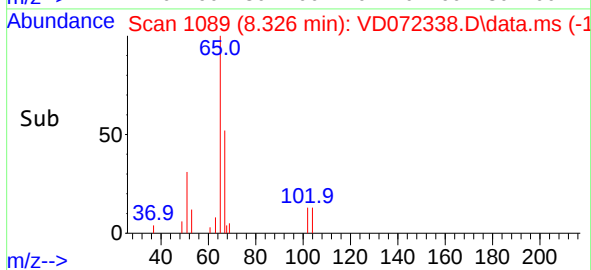
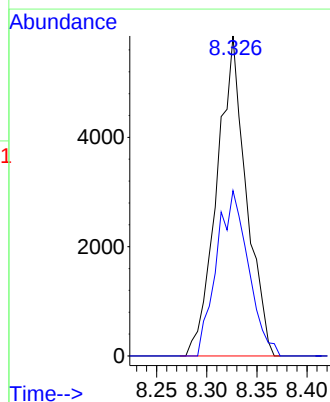
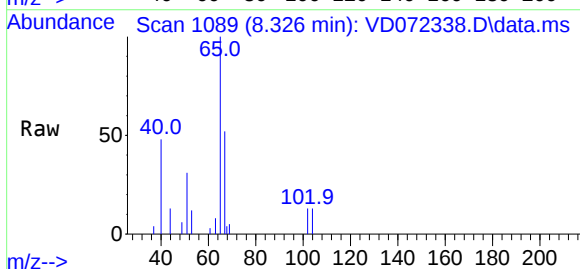
RT: 8.326 min Scan# 1089

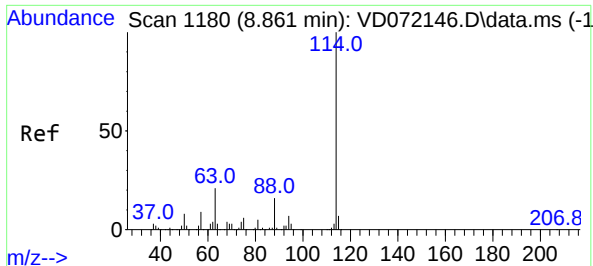
Delta R.T. 0.000 min

Lab File: VD072338.D

Acq: 21 Mar 2022 14:13

Tgt Ion:	65	Resp:	11927
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD072338.D

Acq: 21 Mar 2022 14:13

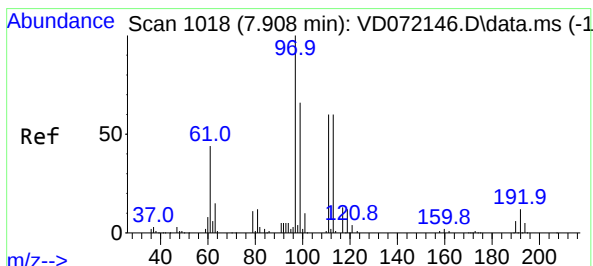
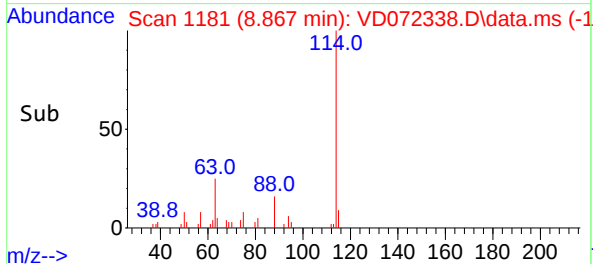
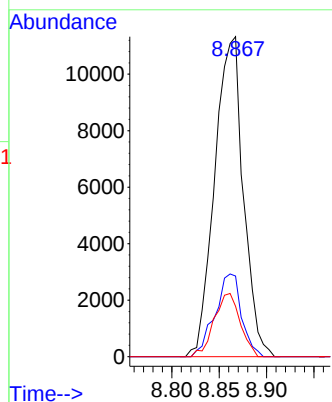
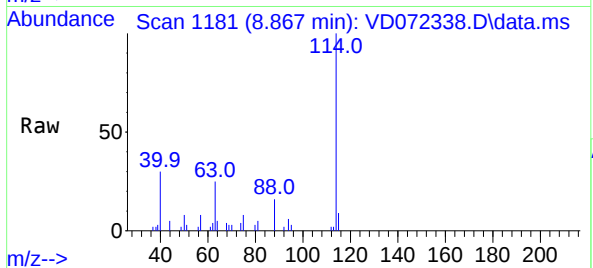
Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6-DUP

Tgt Ion:	114	Resp:	23834
Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	46.6
88	15.7	0.0	33.2



#35

Dibromofluoromethane

Concen: 63.951 ug/l

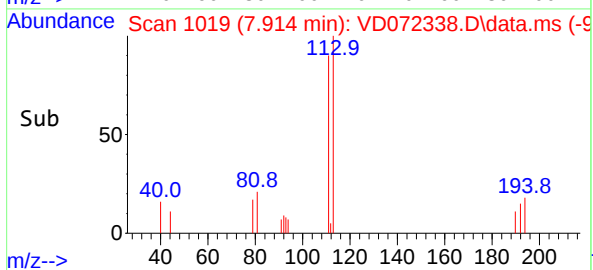
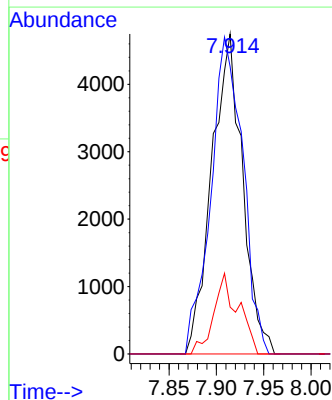
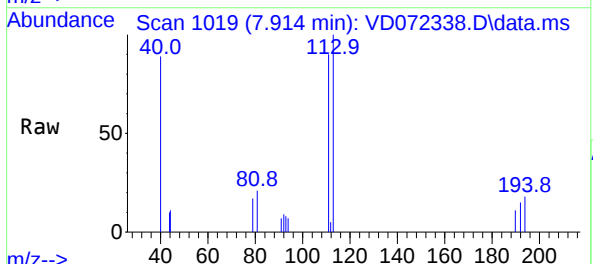
RT: 7.914 min Scan# 1019

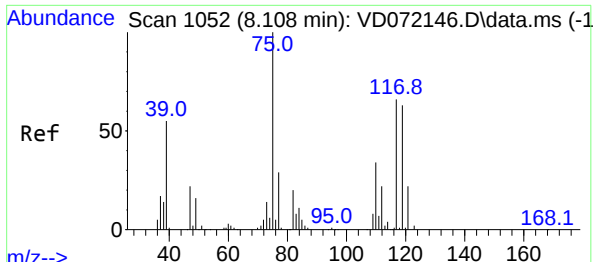
Delta R.T. 0.006 min

Lab File: VD072338.D

Acq: 21 Mar 2022 14:13

Tgt Ion:	113	Resp:	10726
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	20.0	14.6	21.8

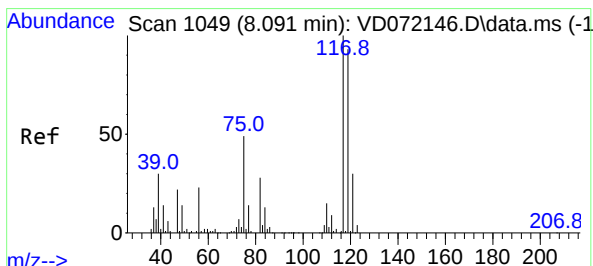
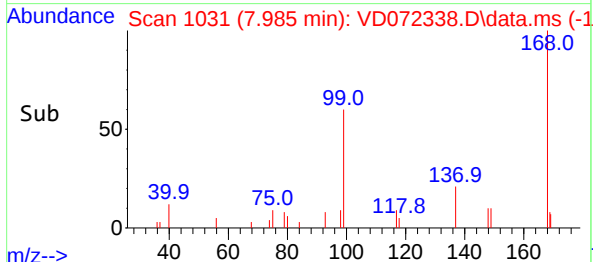
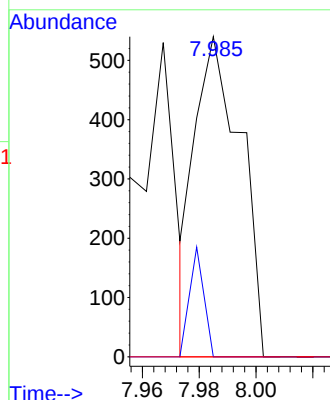
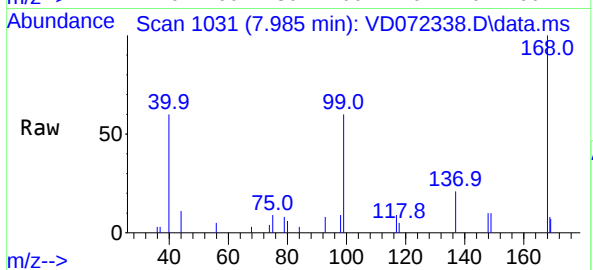




#36
1,1-Dichloropropene
Concen: 2.550 ug/l
RT: 7.985 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

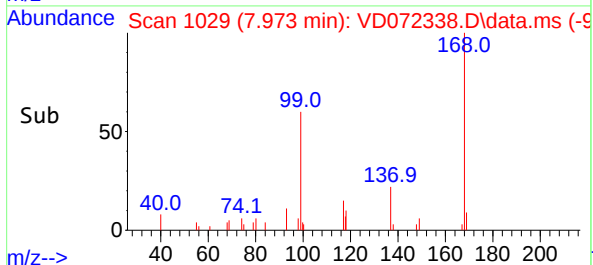
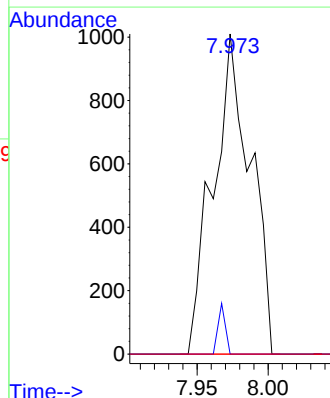
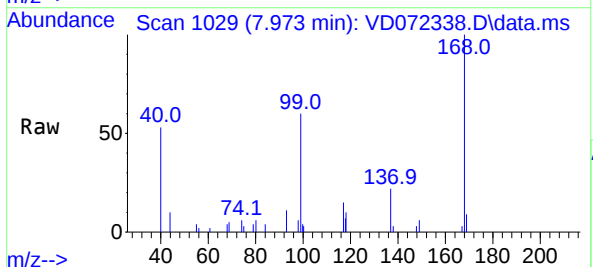
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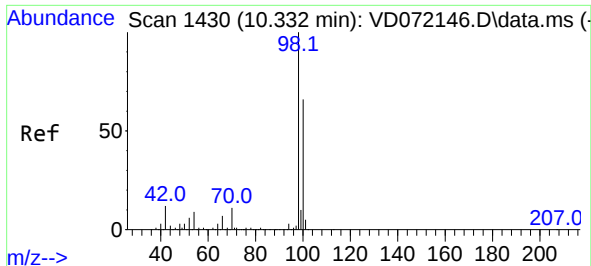
Tgt Ion: 75	Resp: 600
Ion Ratio	Lower Upper
75 100	
110 10.8	16.4 49.1#
77 0.0	24.2 36.2#



#38
Carbon Tetrachloride
Concen: 6.921 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion: 117	Resp: 1851
Ion Ratio	Lower Upper
117 100	
119 0.0	75.8 113.6#
121 0.0	24.5 36.7#

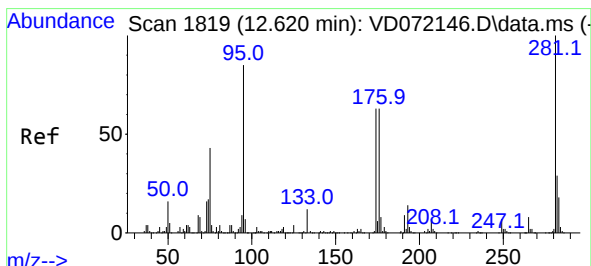
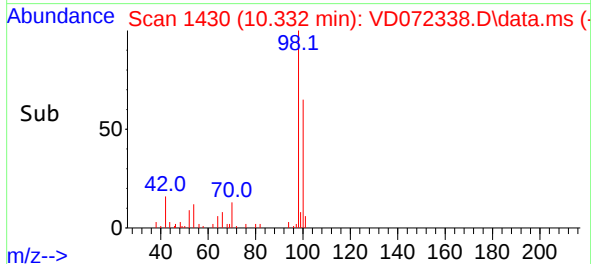
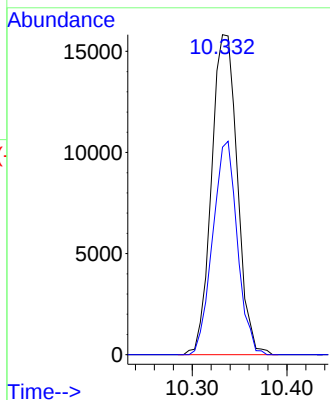
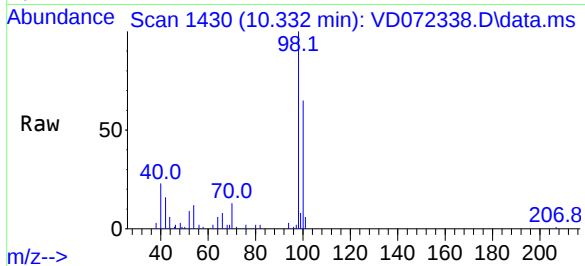




#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

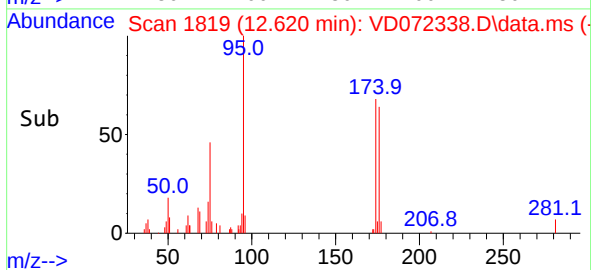
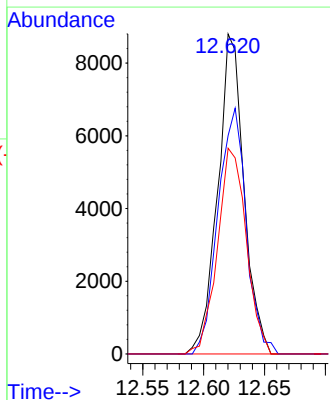
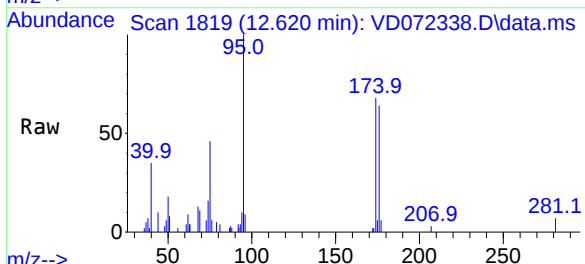
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

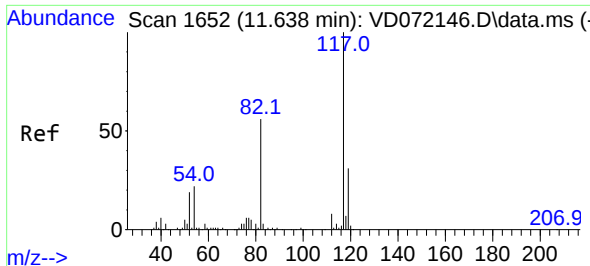
Tgt Ion: 98 Resp: 29963
Ion Ratio Lower Upper
98 100
100 63.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.445 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion: 95 Resp: 13212
Ion Ratio Lower Upper
95 100
174 82.5 0.0 152.8
176 70.5 0.0 145.4

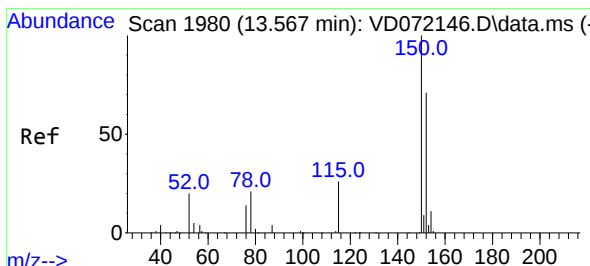
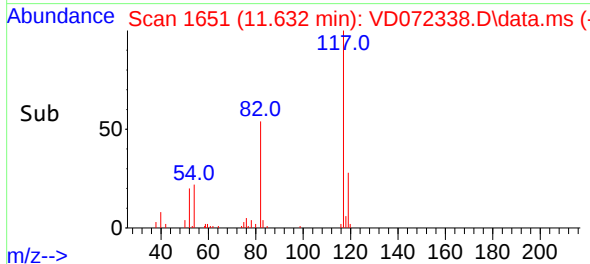
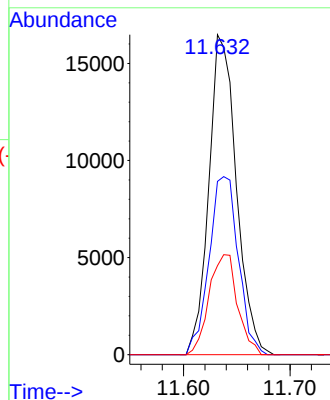
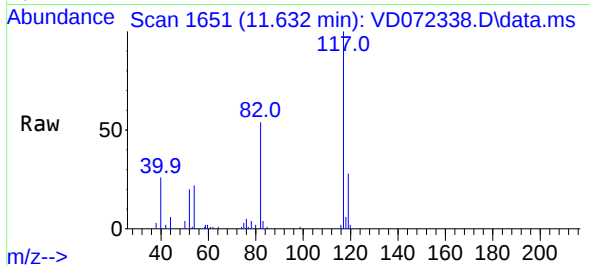




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

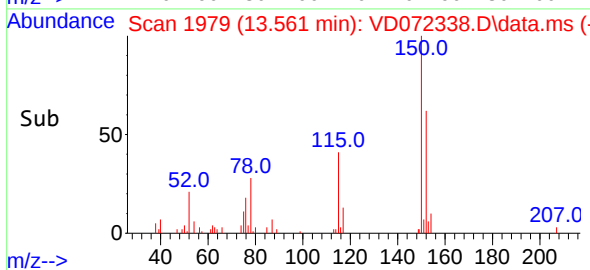
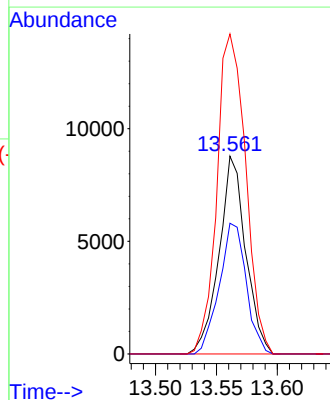
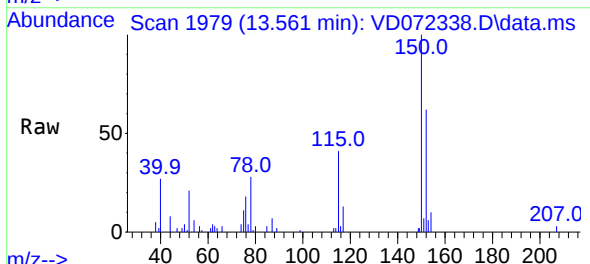
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

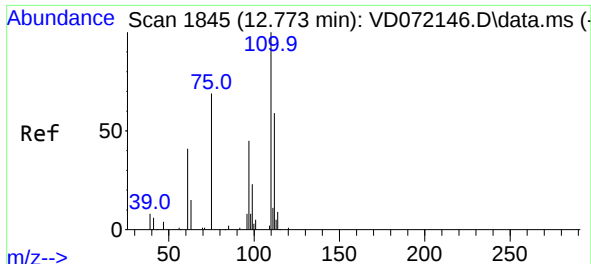
Tgt Ion:117	Resp:	29620
Ion Ratio	Lower	Upper
117	100	
82	54.2	45.3 67.9
119	27.8	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion:152	Resp:	13377
Ion Ratio	Lower	Upper
152	100	
115	66.7	31.3 93.8
150	174.6	0.0 348.6

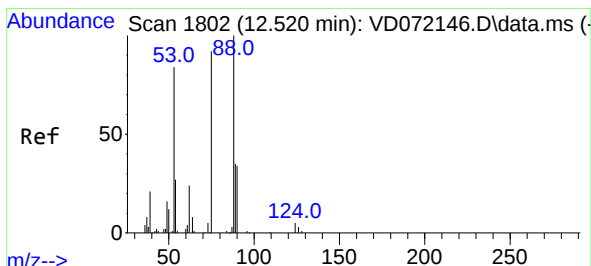
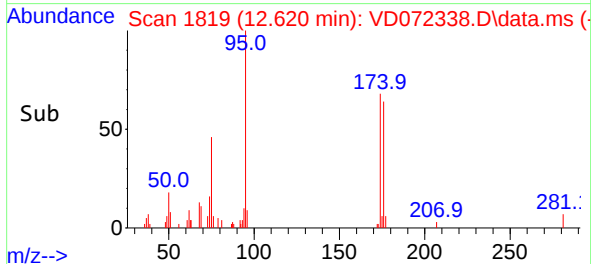
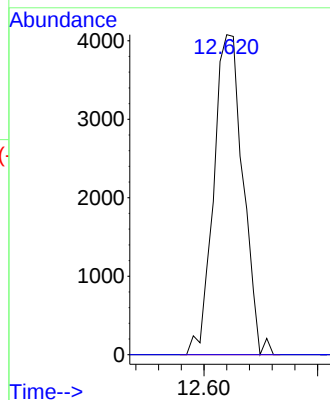
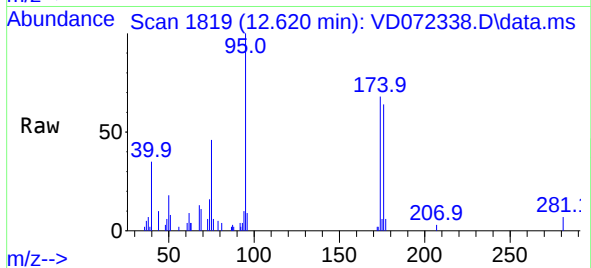




#76
1,2,3-Trichloropropane
Concen: 49.478 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

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

Tgt Ion: 75 Resp: 7301
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 122.760 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072338.D
Acq: 21 Mar 2022 14:13

Tgt Ion: 75 Resp: 7301
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

