

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072358.D
 Acq On : 22 Mar 2022 12:17
 Operator : VA/SY
 Sample : N1949-05
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 23 01:11:37 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

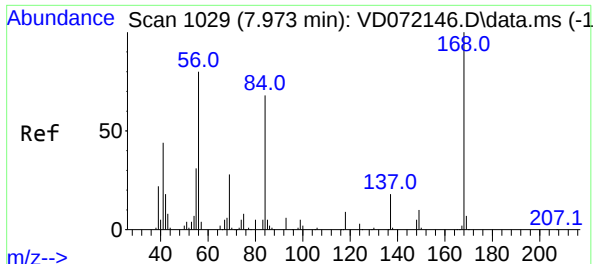
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	357269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	611406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	671947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	335579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181161	45.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.000%		
35) Dibromofluoromethane	7.914	113	193628	45.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.000%		
50) Toluene-d8	10.332	98	775081	49.267	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.626	95	340963	55.778	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	111.560%		
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	1089	2.511	ug/l #	90
11) Tert butyl alcohol	5.232	59	706	3.058	ug/l #	74
16) Acetone	4.156	43	4301	4.975	ug/l #	81
17) Carbon Disulfide	4.409	76	5914	2.250	ug/l #	74
20) Methylene Chloride	4.962	84	47505	5.368	ug/l	90
29) Tetrahydrofuran	7.567	42	1153	1.701	ug/l #	42
31) Cyclohexane	7.973	56	9836	1.581	ug/l #	3
38) Carbon Tetrachloride	7.973	117	36433	5.310	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	181839	49.123	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	181839	121.878	ug/l #	7

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

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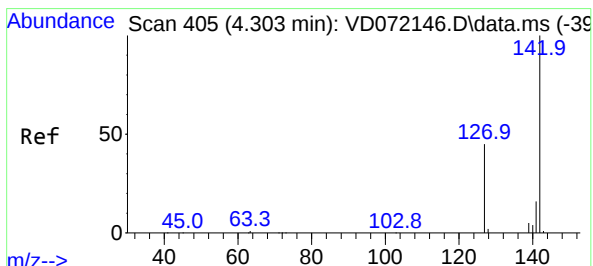
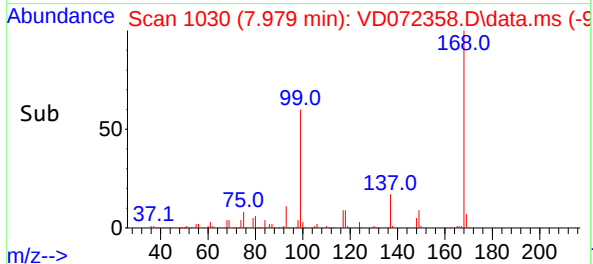
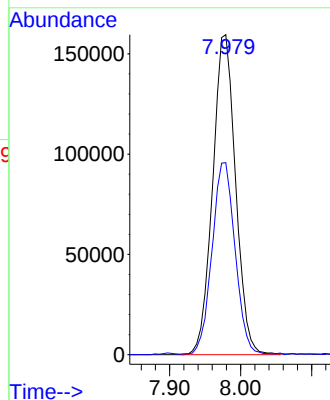
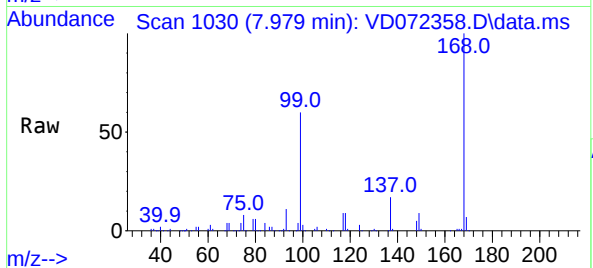




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

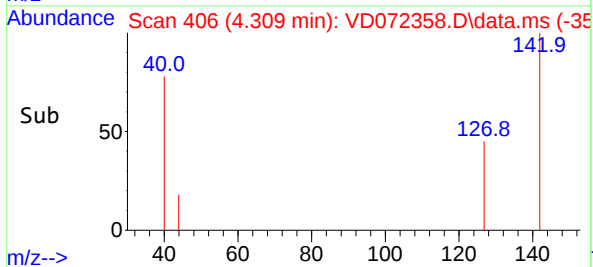
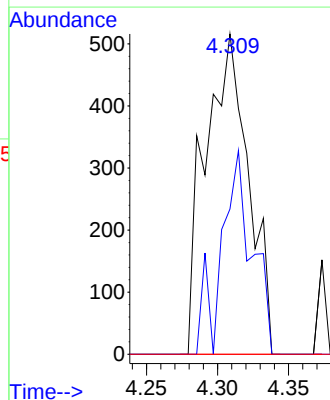
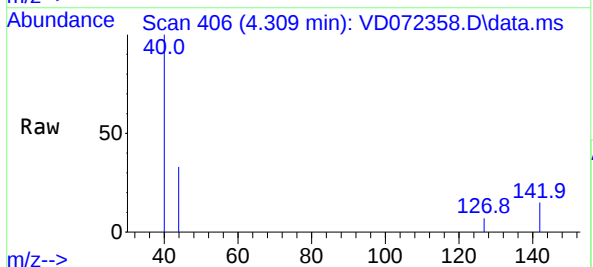
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

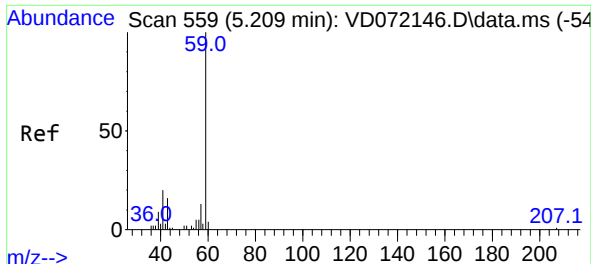
Tgt Ion:168 Resp: 357269
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.511 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion:142 Resp: 1089
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 0.0 11.7 17.5#

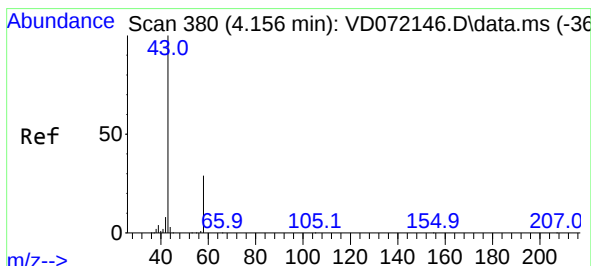
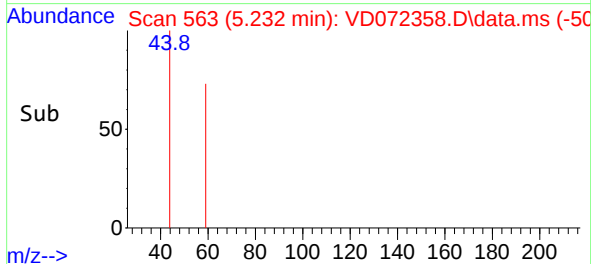
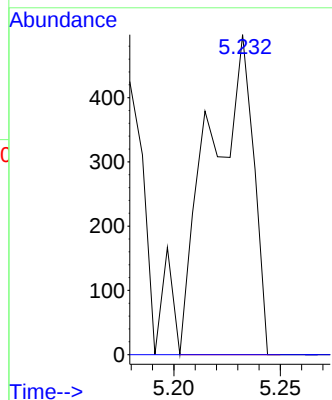
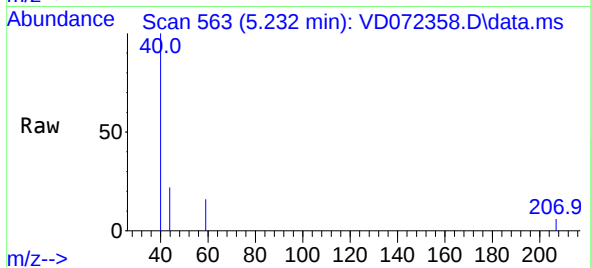




#11
Tert butyl alcohol
Concen: 3.058 ug/l
RT: 5.232 min Scan# 50
Delta R.T. 0.024 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

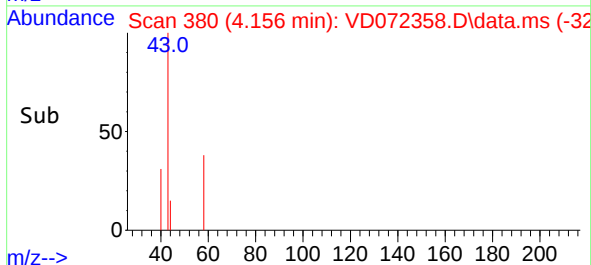
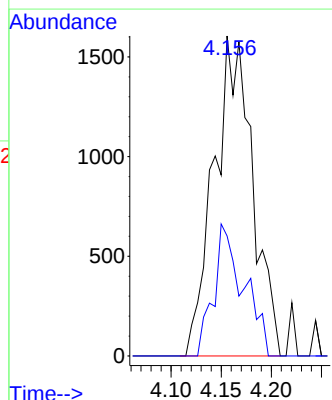
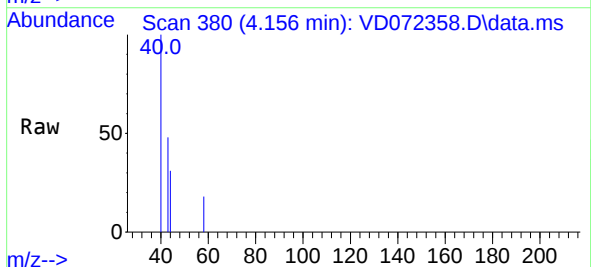
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

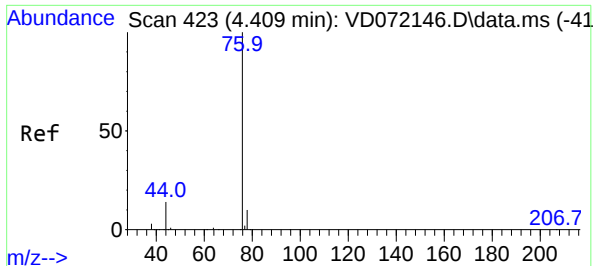
Tgt Ion: 59 Resp: 706
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 4.975 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion: 43 Resp: 4301
Ion Ratio Lower Upper
43 100
58 37.5 22.1 33.1#

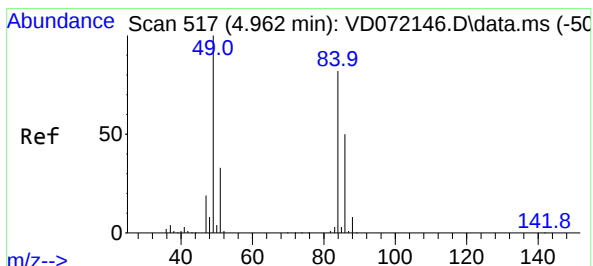
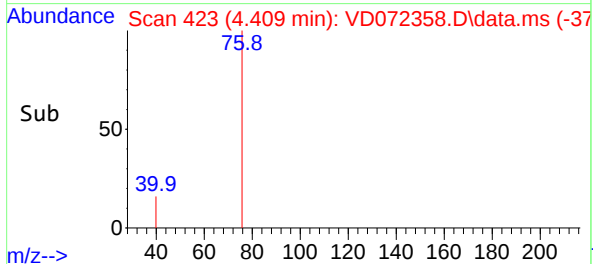
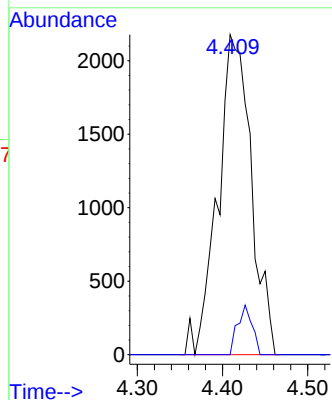
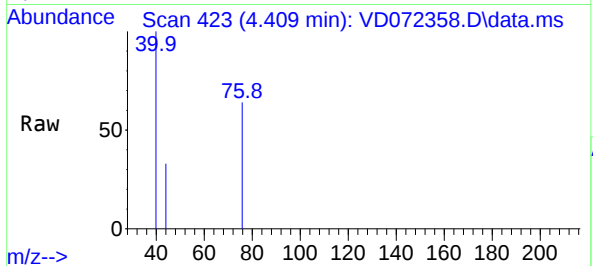




#17
Carbon Disulfide
Concen: 2.250 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

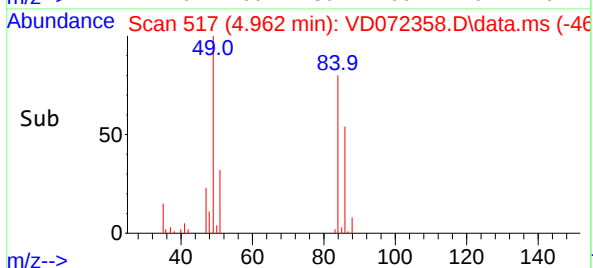
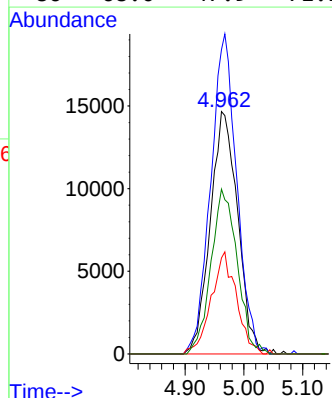
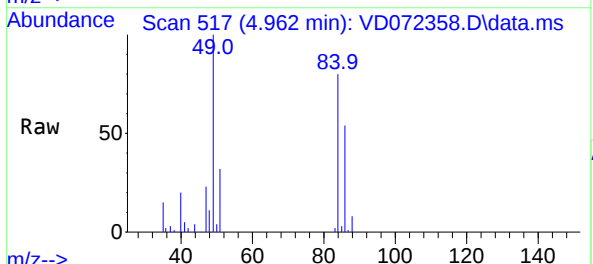
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

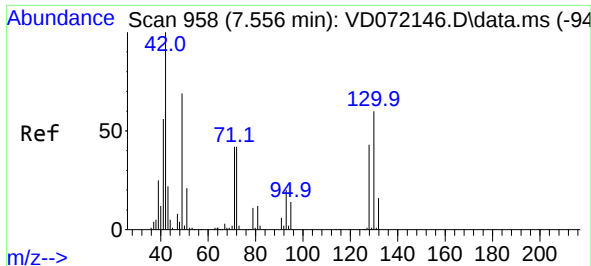
Tgt Ion: 76 Resp: 5914
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 5.368 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

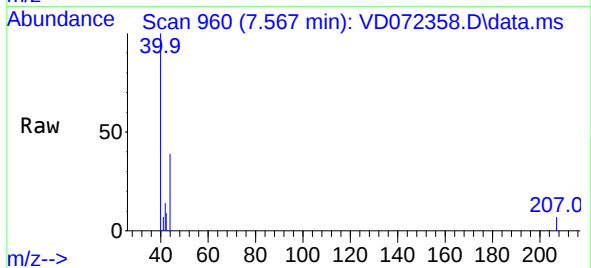
Tgt Ion: 84 Resp: 47505
Ion Ratio Lower Upper
84 100
49 125.5 112.8 169.2
51 39.6 32.6 48.8
86 68.0 47.9 71.9





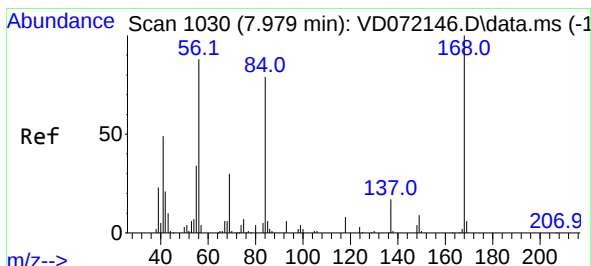
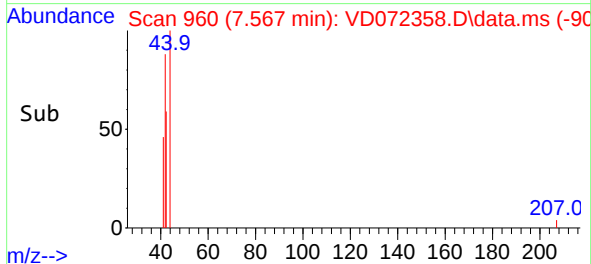
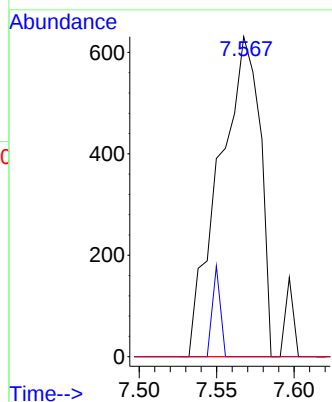
#29
Tetrahydrofuran
Concen: 1.701 ug/l
RT: 7.567 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

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



Tgt Ion: 42 Resp: 1153

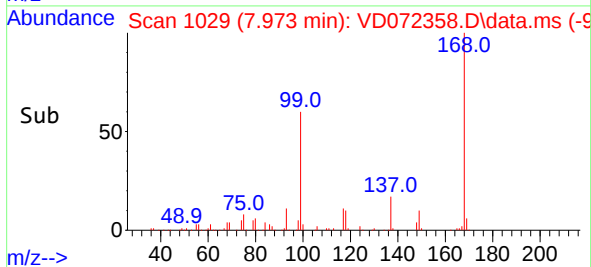
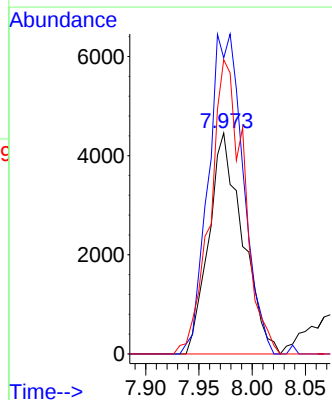
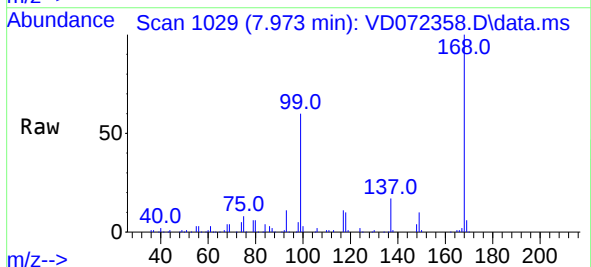
Ion	Ratio	Lower	Upper
42	100		
72	5.5	30.7	46.1#
71	0.0	28.6	43.0#

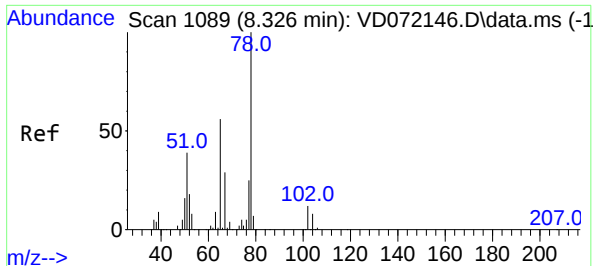


#31
Cyclohexane
Concen: 1.581 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion: 56 Resp: 9836

Ion	Ratio	Lower	Upper
56	100		
69	133.9	25.4	38.2#
84	133.2	63.0	94.4#

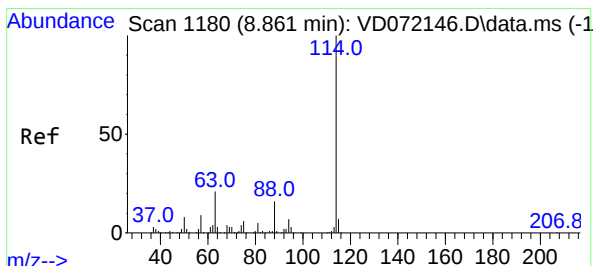
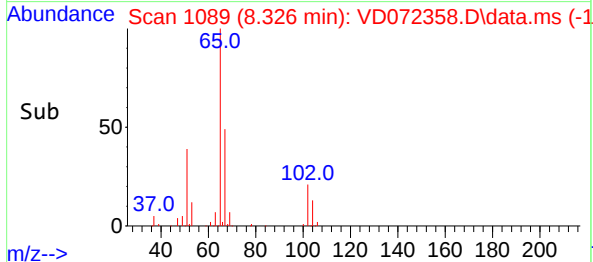
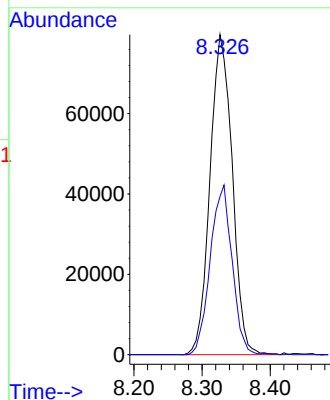
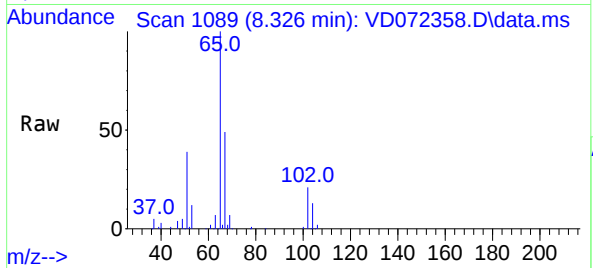




#33
1,2-Dichloroethane-d4
Concen: 45.500 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

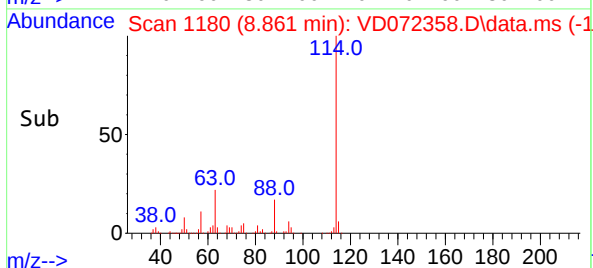
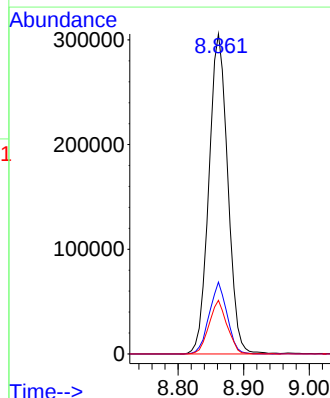
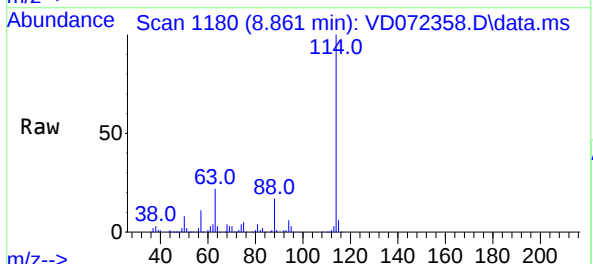
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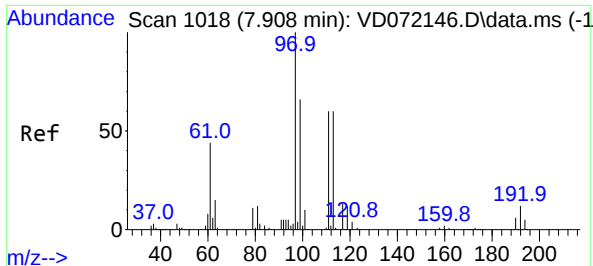
Tgt Ion: 65 Resp: 181161
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion: 114 Resp: 611406
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.6
88 16.8 0.0 33.2

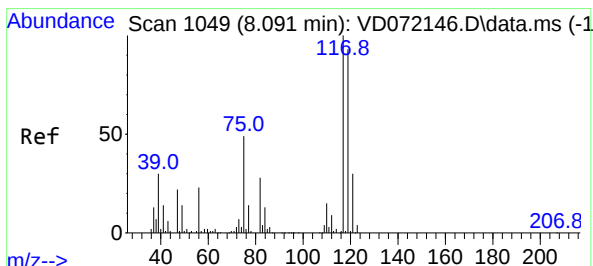
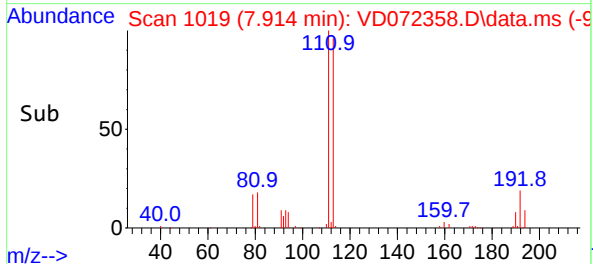
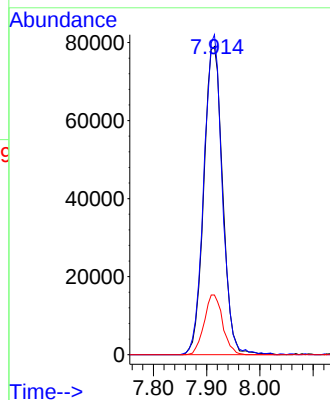
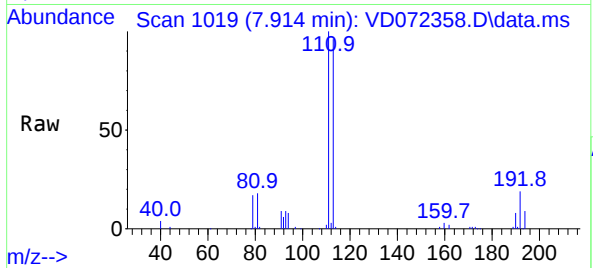




#35
Dibromofluoromethane
Concen: 45.003 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

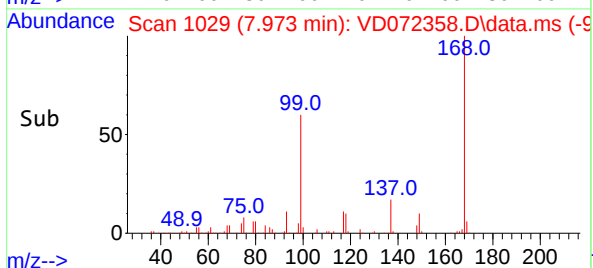
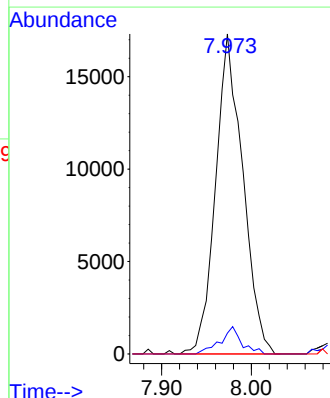
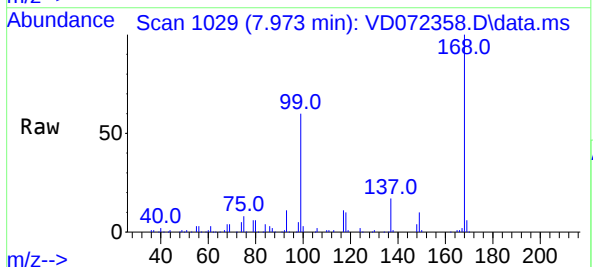
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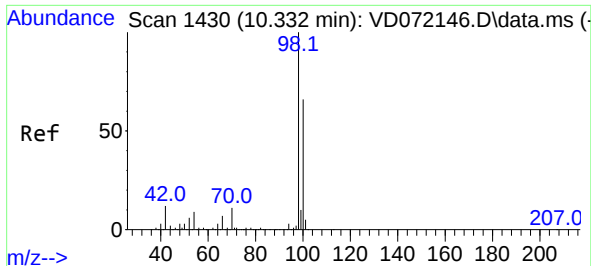
Tgt Ion:113 Resp: 193628
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 19.0 14.6 21.8



#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion:117 Resp: 36433
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.5 36.7#

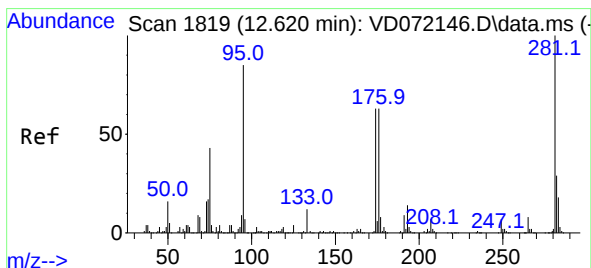
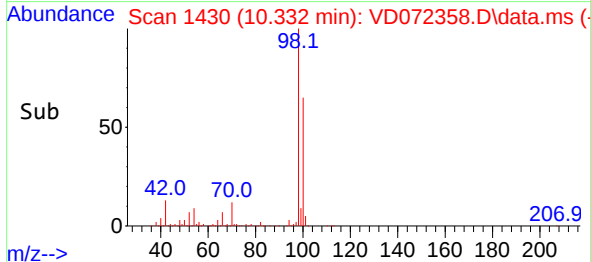
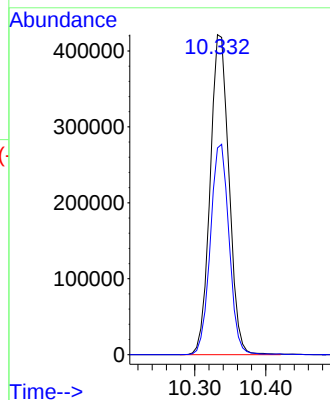
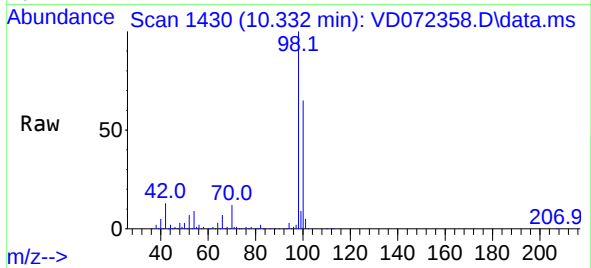




#50
Toluene-d8
Concen: 49.267 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

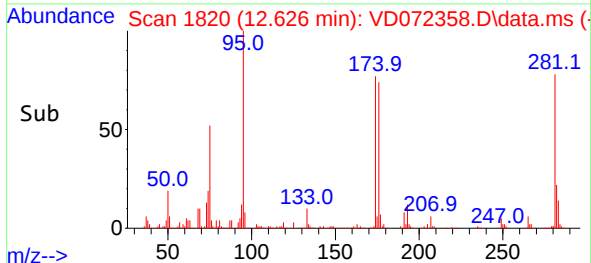
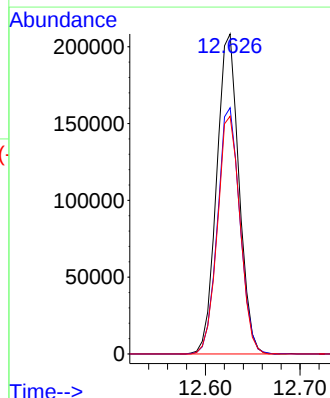
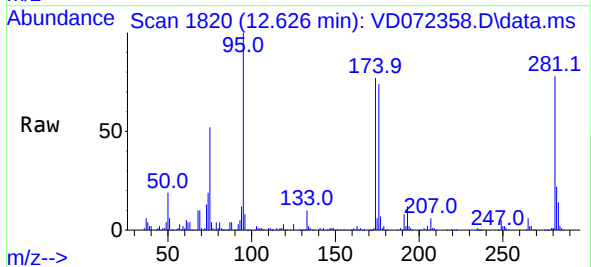
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

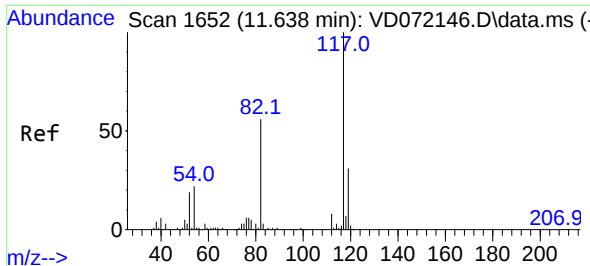
Tgt Ion: 98 Resp: 775081
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.778 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

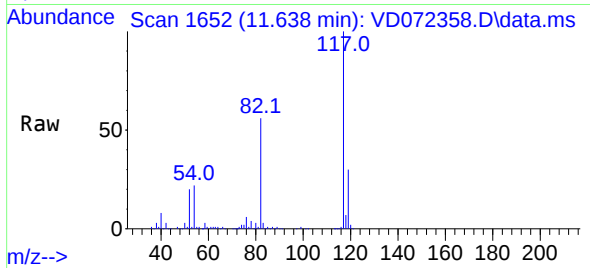
Tgt Ion: 95 Resp: 340963
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 75.2 0.0 145.4



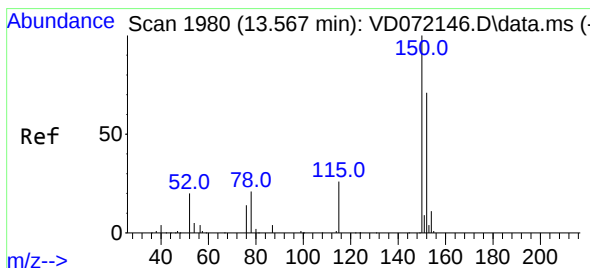
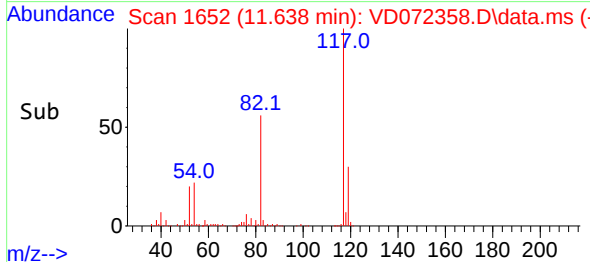
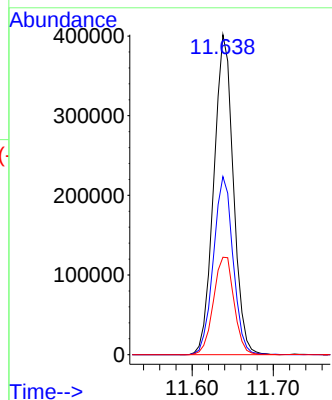


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

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

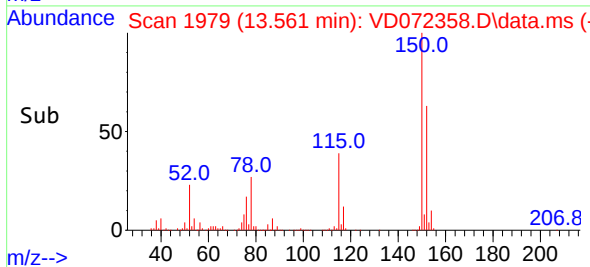
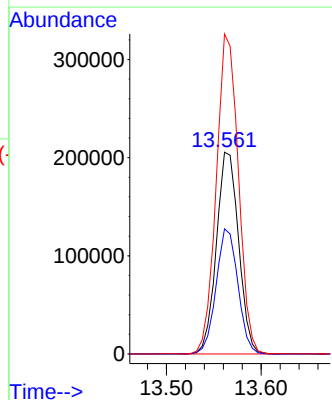
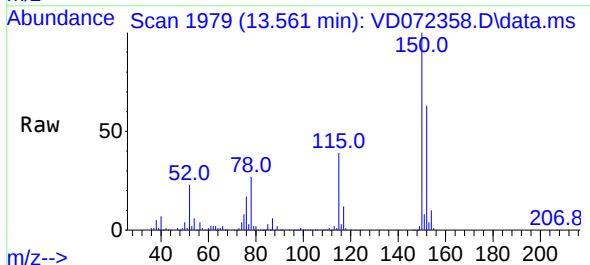


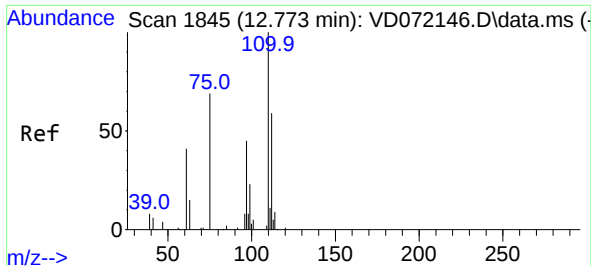
Tgt Ion:117 Resp: 671947
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 30.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion:152 Resp: 335579
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.6 0.0 348.6

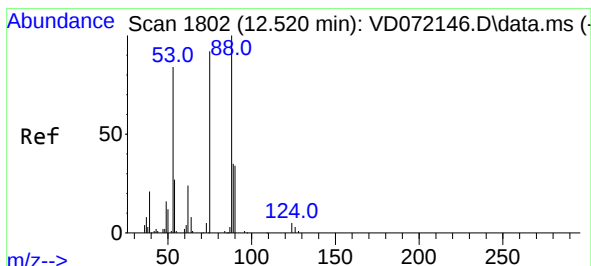
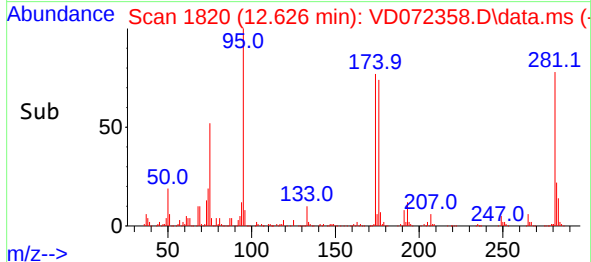
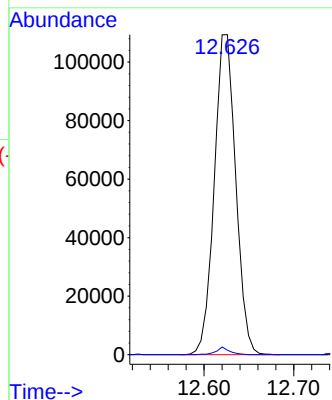
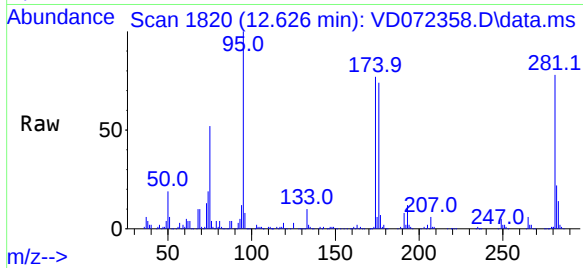




#76
1,2,3-Trichloropropane
Concen: 49.123 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

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

Tgt Ion: 75 Resp: 181839
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.878 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion: 75 Resp: 181839
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.4 33.9 50.9#

