

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072334.D
 Acq On : 21 Mar 2022 12:20
 Operator : VA/SY
 Sample : N1949-02
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH2-031422-5-6

Quant Time: Mar 22 02:10:41 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)

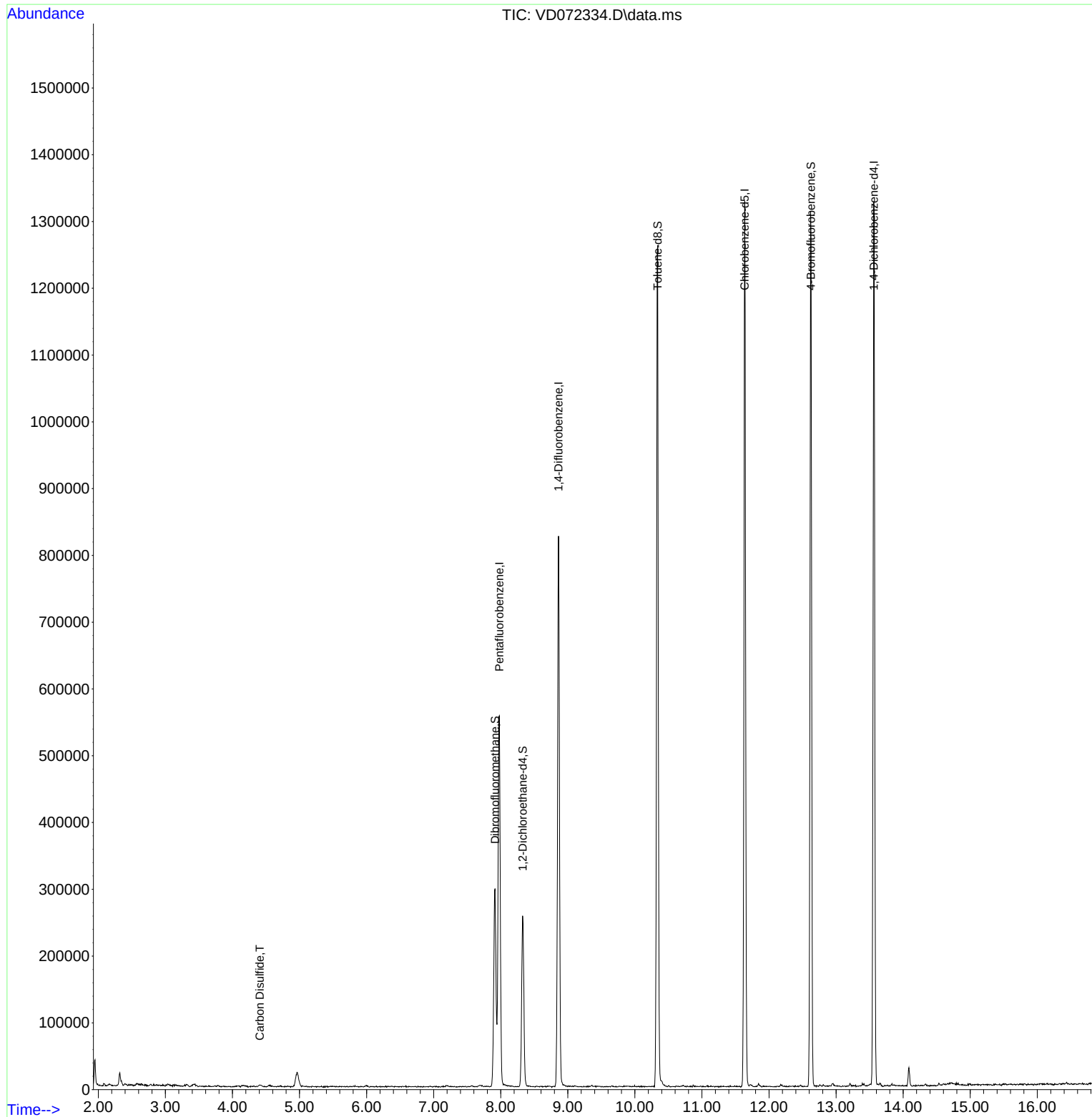
Internal Standards						
1) Pentafluorobenzene	7.979	168	406922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	681995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	734676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	354262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207040	45.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.300%
35) Dibromofluoromethane	7.914	113	214534	44.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.400%
50) Toluene-d8	10.338	98	843975	48.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.626	95	360774	52.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.820%
Target Compounds						
17) Carbon Disulfide	4.409	76	4742	2.028	ug/l	Qvalue 96

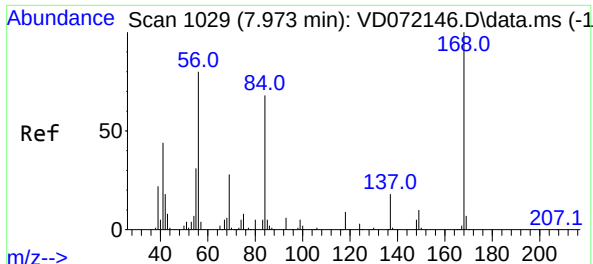
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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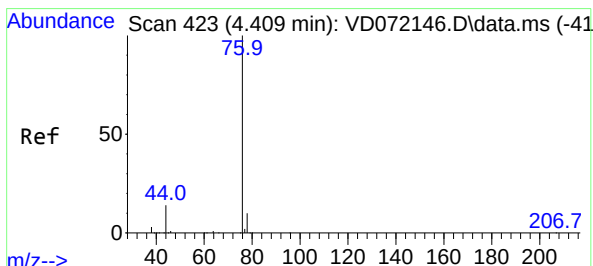
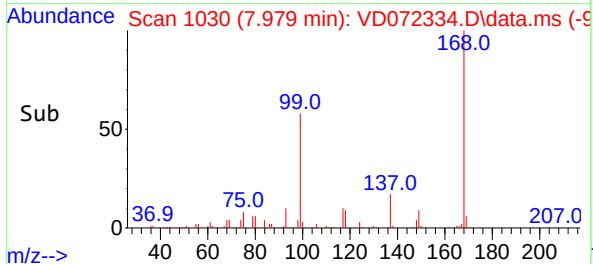
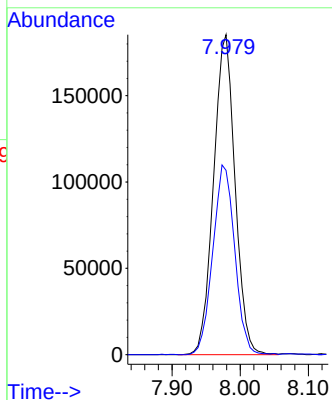
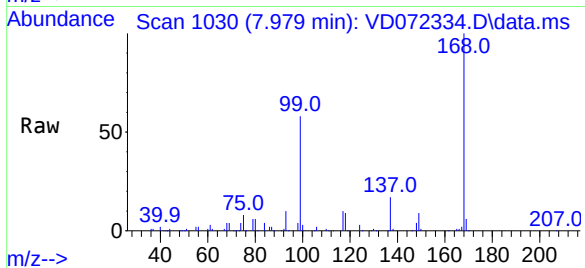




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072334.D
Acq: 21 Mar 2022 12:20

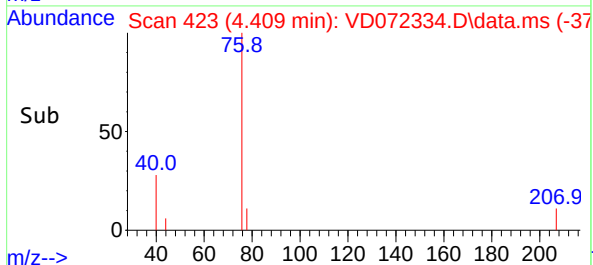
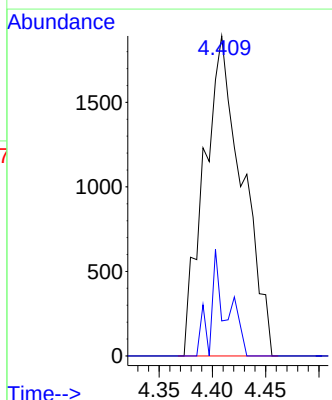
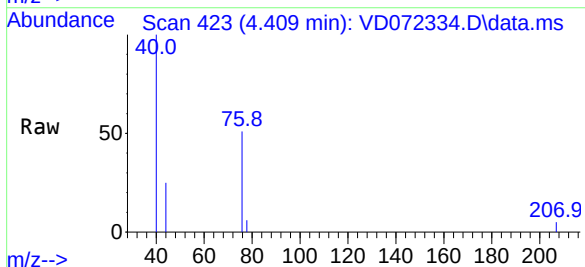
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-5-6

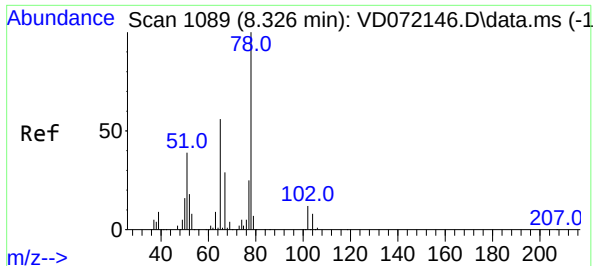
Tgt Ion:168 Resp: 406922
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#17
Carbon Disulfide
Concen: 2.028 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072334.D
Acq: 21 Mar 2022 12:20

Tgt Ion: 76 Resp: 4742
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3





#33

1,2-Dichloroethane-d4

Concen: 45.655 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072334.D

Acq: 21 Mar 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

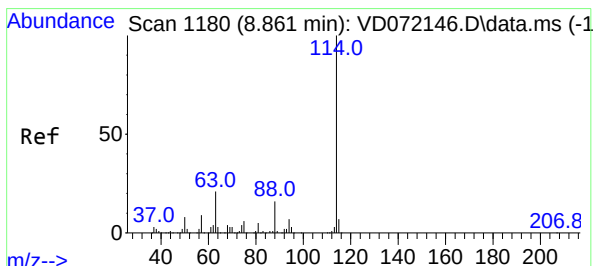
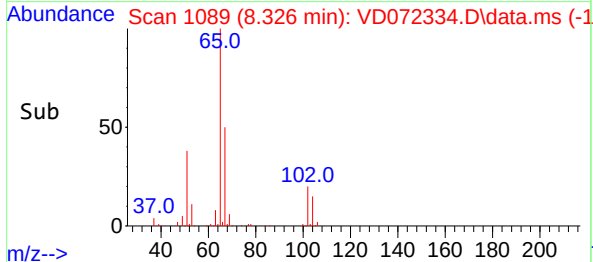
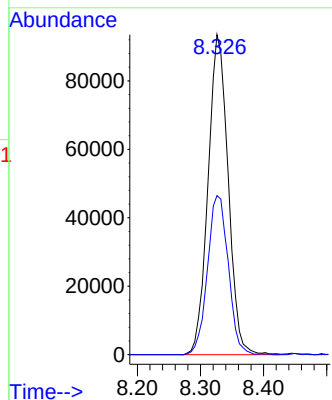
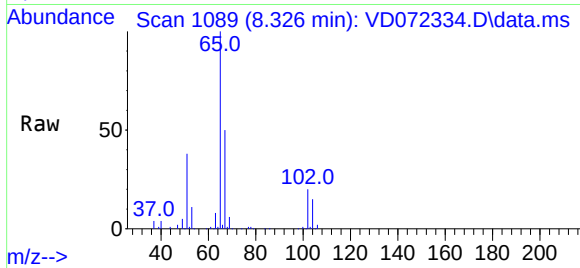
CP-BH2-031422-5-6

Tgt Ion: 65 Resp: 207040

Ion Ratio Lower Upper

65 100

67 51.3 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: VD072334.D

Acq: 21 Mar 2022 12:20

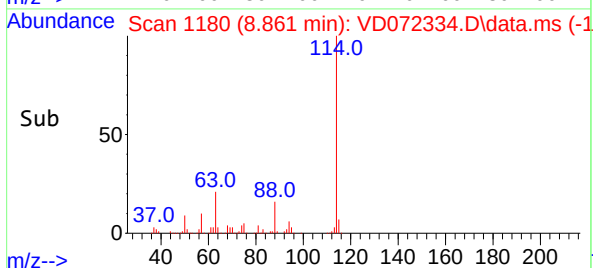
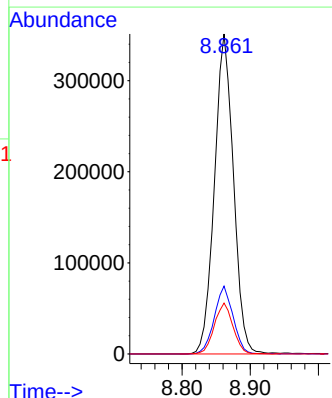
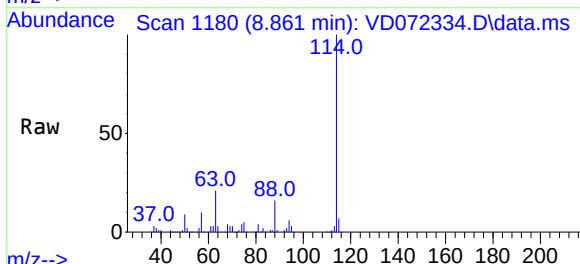
Tgt Ion: 114 Resp: 681995

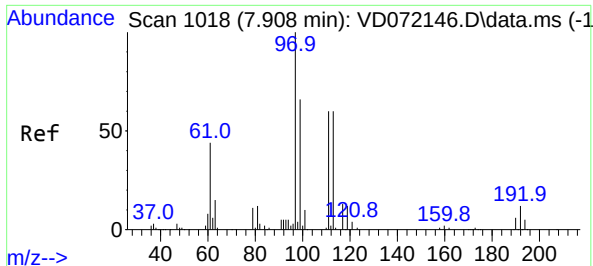
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.9 0.0 33.2

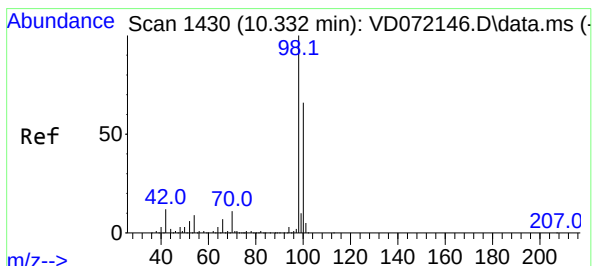
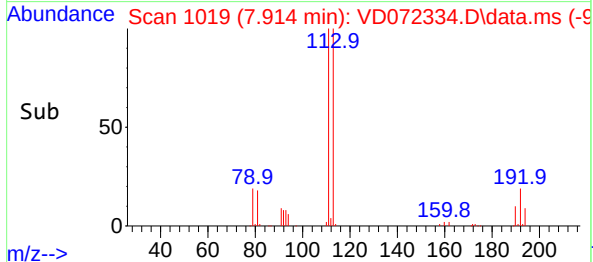
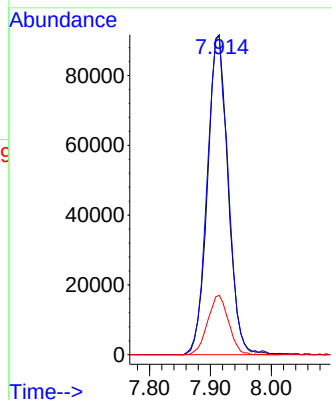
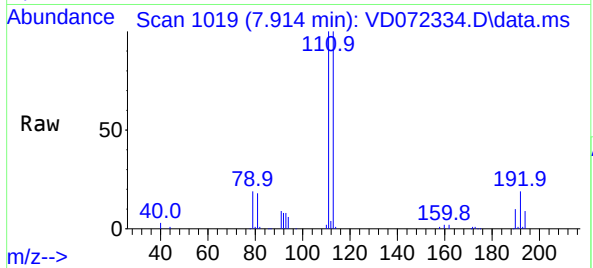




#35
Dibromofluoromethane
Concen: 44.702 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072334.D
Acq: 21 Mar 2022 12:20

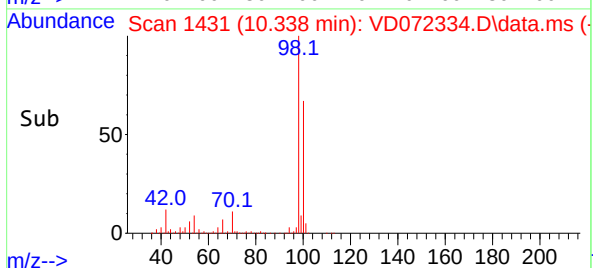
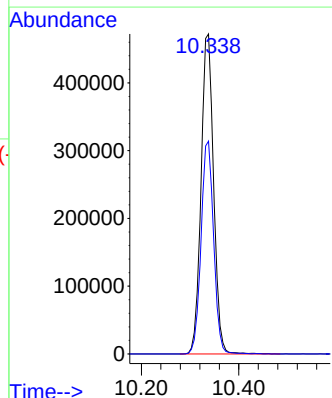
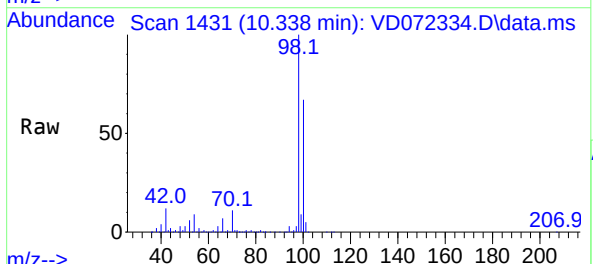
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-5-6

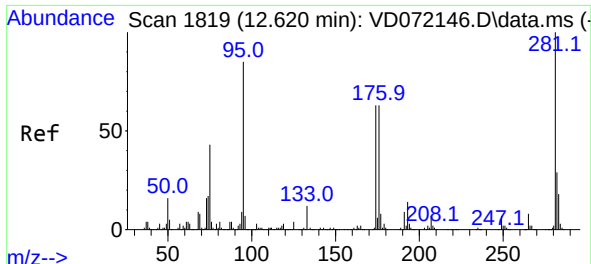
Tgt Ion:113 Resp: 214534
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 18.9 14.6 21.8



#50
Toluene-d8
Concen: 48.094 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072334.D
Acq: 21 Mar 2022 12:20

Tgt Ion: 98 Resp: 843975
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6

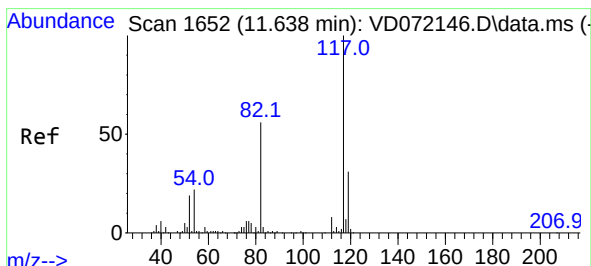
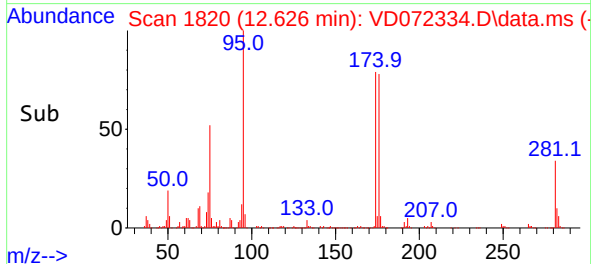
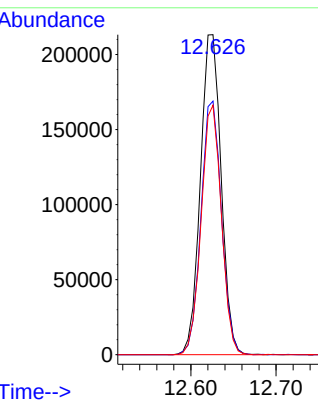
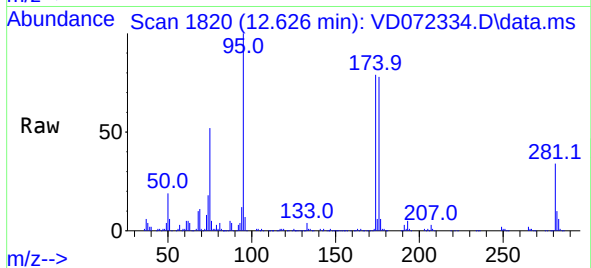




#62
4-Bromofluorobenzene
Concen: 52.911 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072334.D
Acq: 21 Mar 2022 12:20

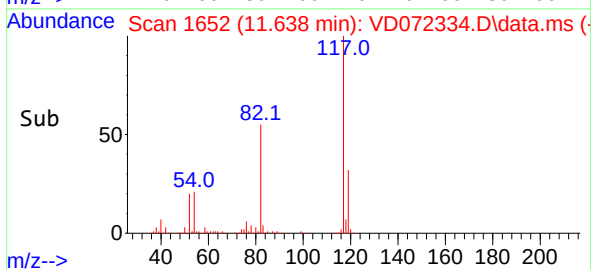
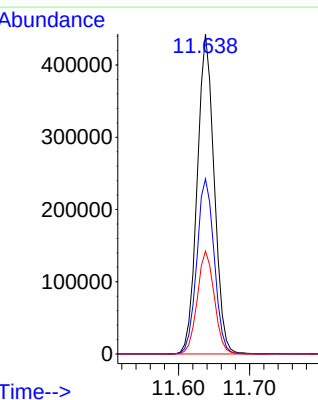
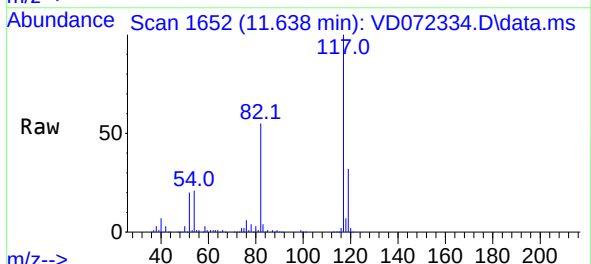
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-5-6

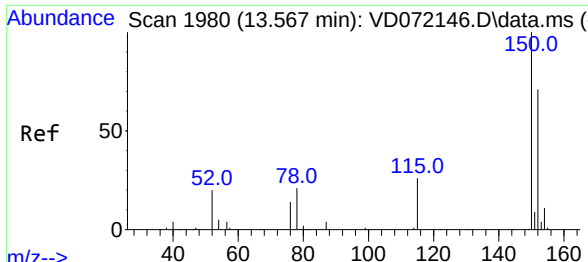
Tgt Ion: 95 Resp: 360774
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072334.D
Acq: 21 Mar 2022 12:20

Tgt Ion: 117 Resp: 734676
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 32.2 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: VD072334.D
Acq: 21 Mar 2022 12:20

Instrument : MSVOA_D
ClientSampleId : CP-BH2-031422-5-6

Tgt Ion:152	Resp: 354262
Ion Ratio	Lower Upper
152	100
115	59.5 31.3 93.8
150	156.9 0.0 348.6

