

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072340.D
 Acq On : 21 Mar 2022 15:10
 Operator : VA/SY
 Sample : N1949-18
 Misc : 7.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH2-031422-0-1

Quant Time: Mar 22 02:12:05 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)

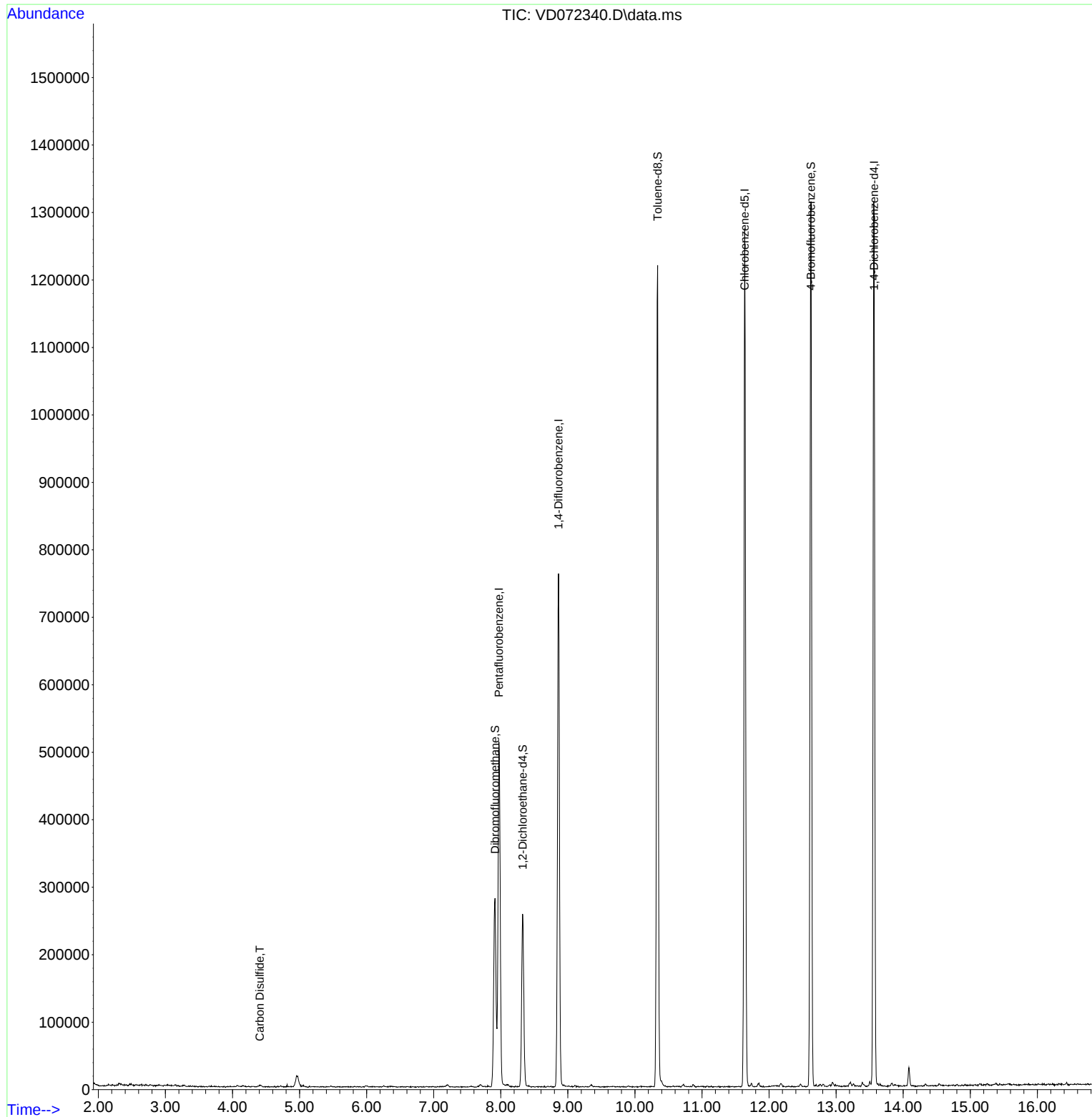
Internal Standards						
1) Pentafluorobenzene	7.973	168	374073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	691519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	353576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200869	48.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.360%
35) Dibromofluoromethane	7.914	113	202067	45.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.900%
50) Toluene-d8	10.338	98	803336	49.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.626	95	352502	55.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.620%
Target Compounds						
17) Carbon Disulfide	4.409	76	5395	2.153	ug/l	Qvalue # 74

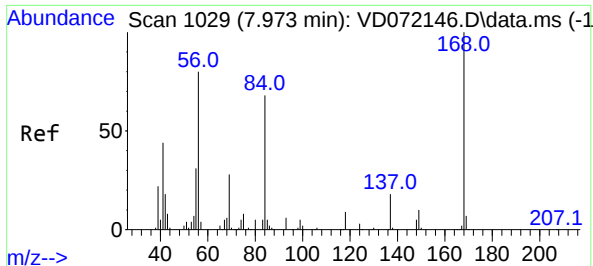
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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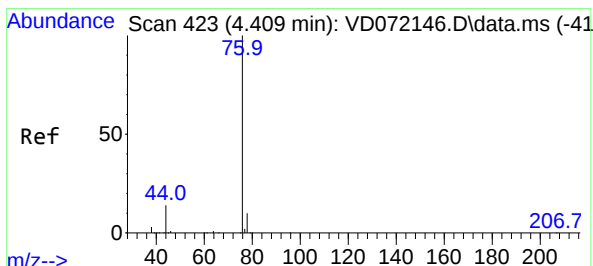
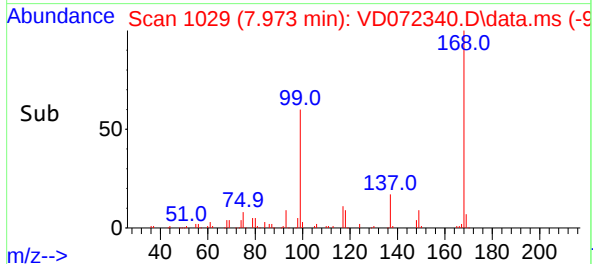
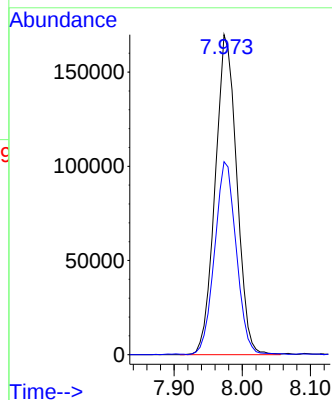
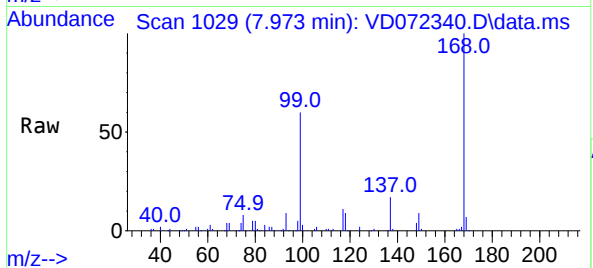




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

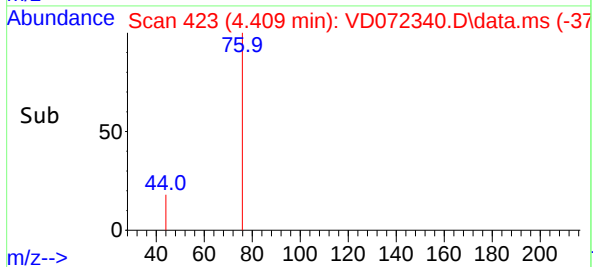
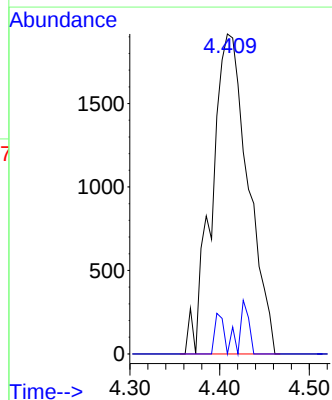
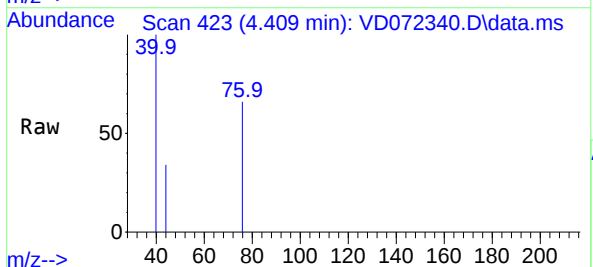
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

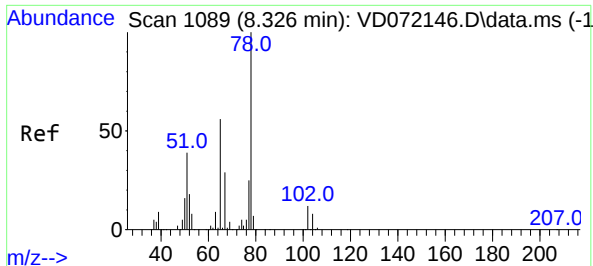
Tgt Ion:168 Resp: 374073
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#17
Carbon Disulfide
Concen: 2.153 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion: 76 Resp: 5395
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 48.184 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072340.D

Acq: 21 Mar 2022 15:10

Instrument :

MSVOA_D

ClientSampleId :

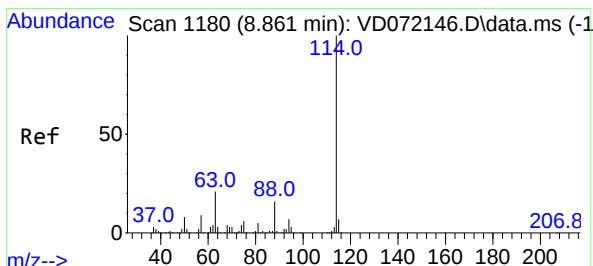
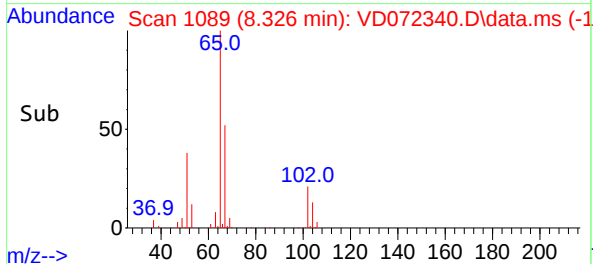
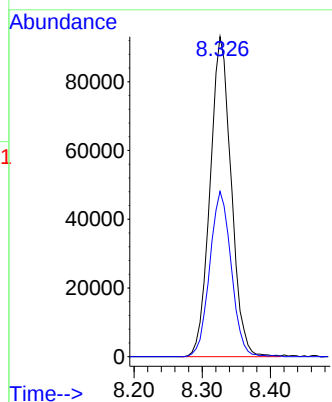
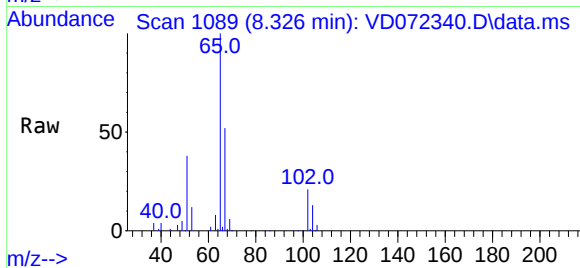
CP-BH2-031422-0-1

Tgt Ion: 65 Resp: 200869

Ion Ratio Lower Upper

65 100

67 52.5 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: VD072340.D

Acq: 21 Mar 2022 15:10

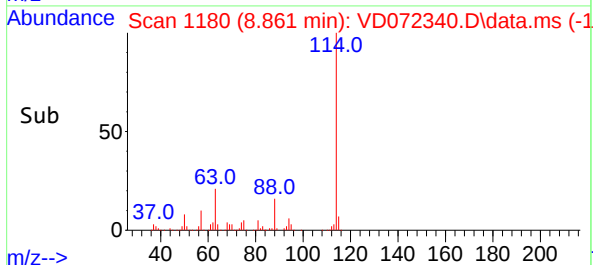
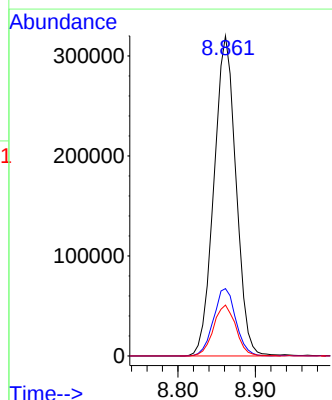
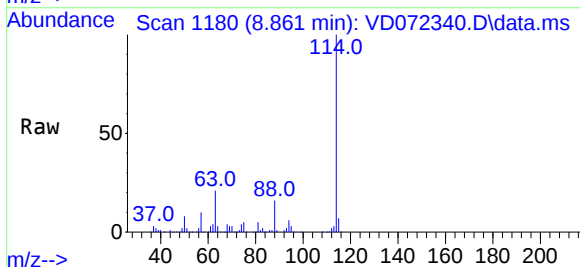
Tgt Ion: 114 Resp: 631763

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.9 0.0 33.2

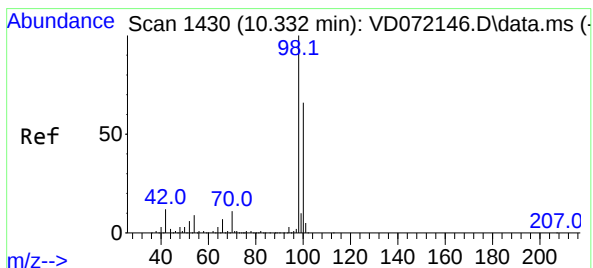
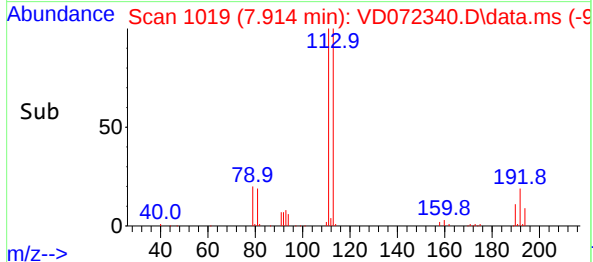
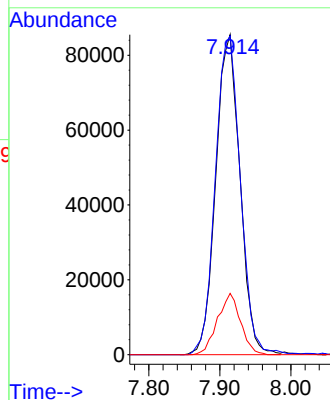
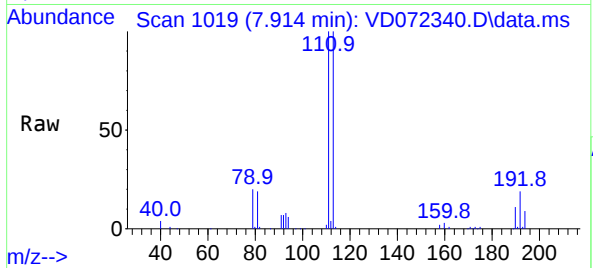




#35
Dibromofluoromethane
Concen: 45.452 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

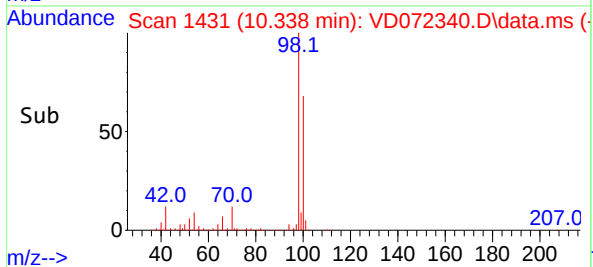
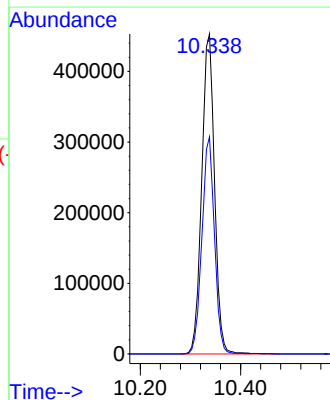
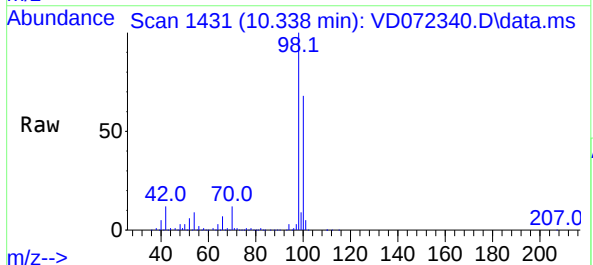
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

Tgt Ion:113 Resp: 202067
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.3 14.6 21.8



#50
Toluene-d8
Concen: 49.418 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion: 98 Resp: 803336
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



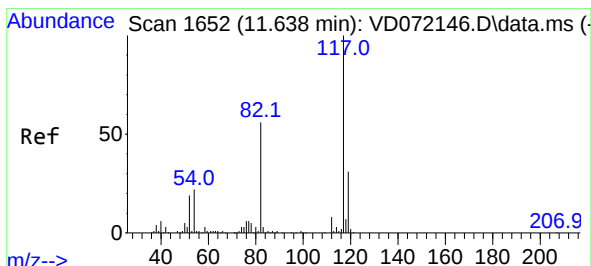
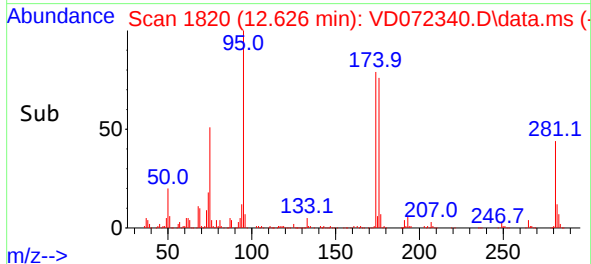
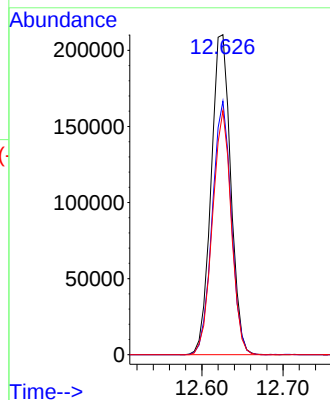
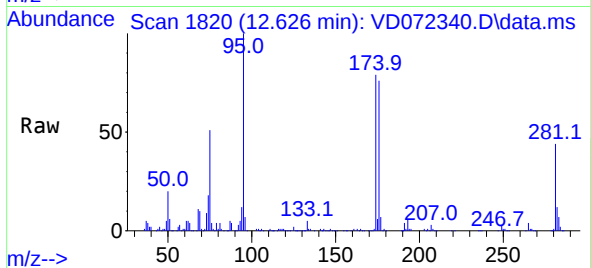


#62
4-Bromofluorobenzene
Concen: 55.808 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

Tgt Ion: 95 Resp: 352502

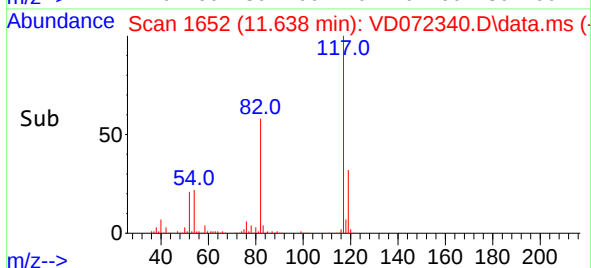
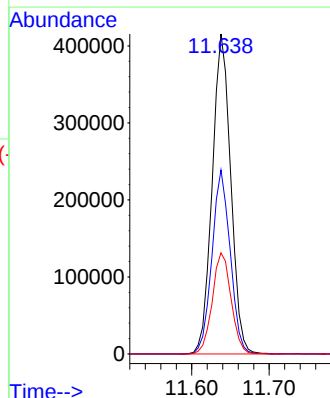
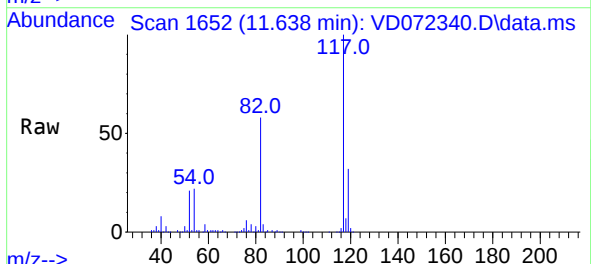
Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	152.8
176	73.2	0.0	145.4

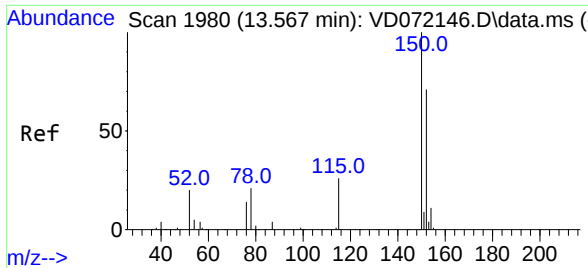


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion: 117 Resp: 691519

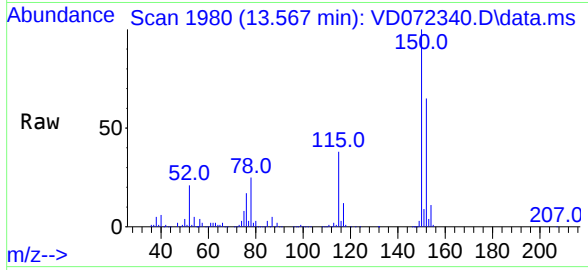
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.3	67.9
119	31.6	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD072340.D
 Acq: 21 Mar 2022 15:10

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH2-031422-0-1



Tgt Ion:152 Resp: 353576

Ion	Ratio	Lower	Upper
152	100		
115	59.2	31.3	93.8
150	154.2	0.0	348.6

