

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072266.D
 Acq On : 18 Mar 2022 02:56
 Operator : VA/SY
 Sample : N1955-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1335

Quant Time: Mar 18 05:40:01 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	61807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	97889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	118557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	58719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	45717	66.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.740%
35) Dibromofluoromethane	7.909	113	39035	56.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.340%
50) Toluene-d8	10.332	98	121578	48.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.620	95	52717	53.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.720%

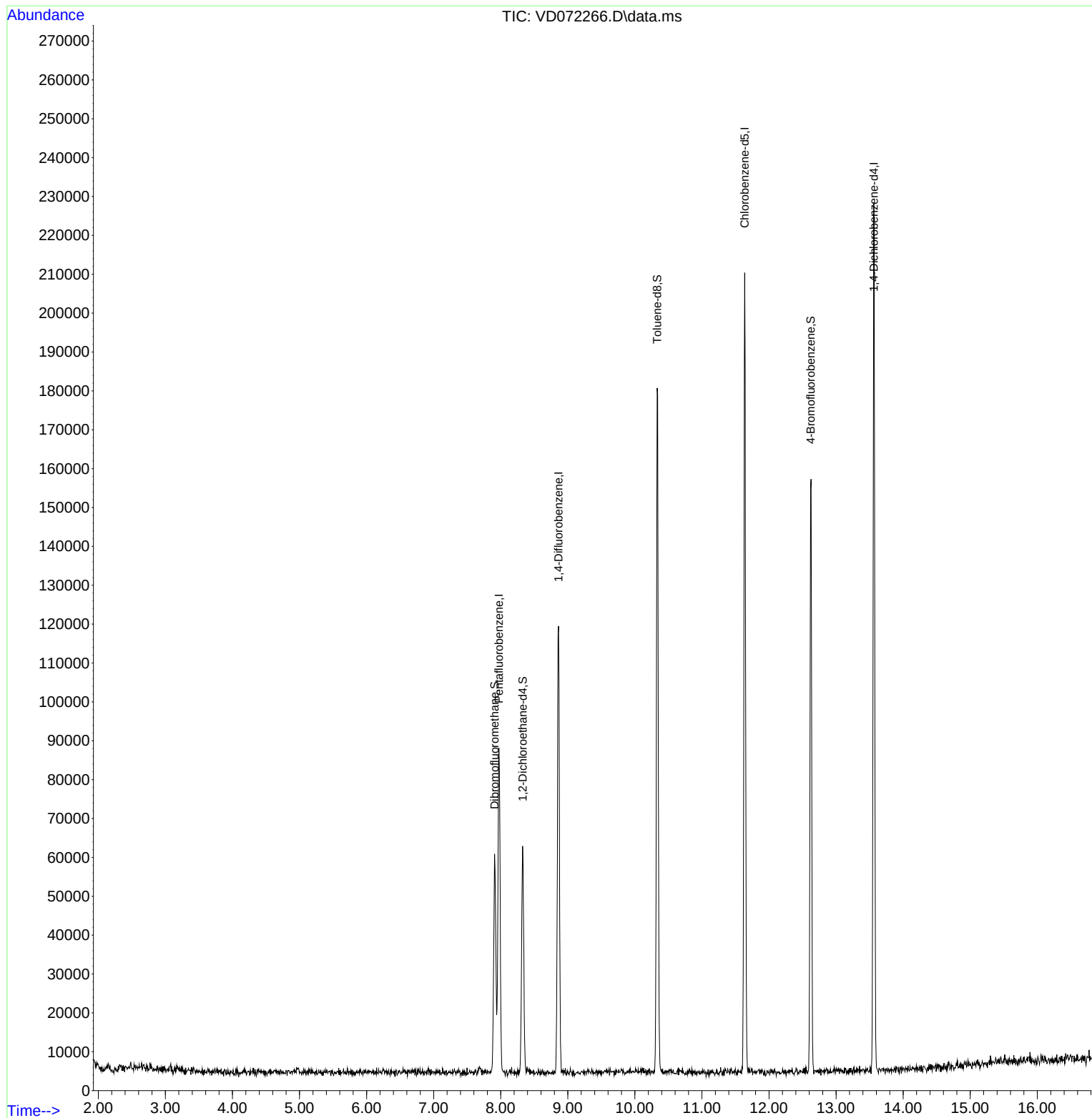
Target Compounds	Qvalue

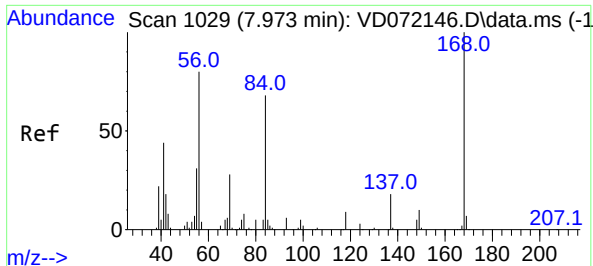
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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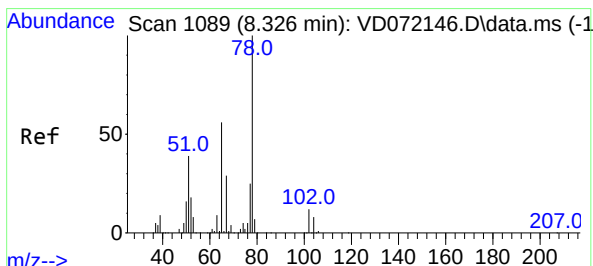
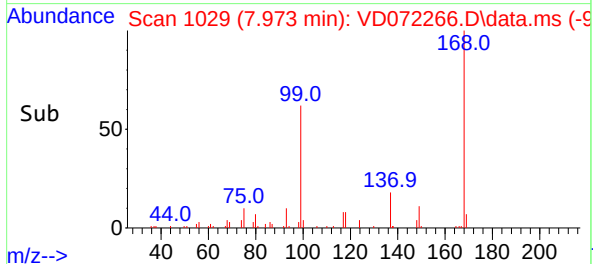
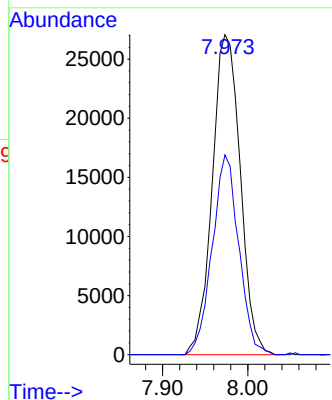
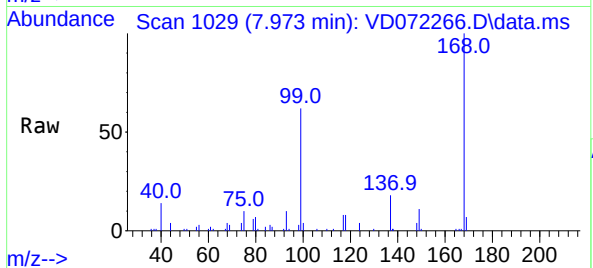




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072266.D
Acq: 18 Mar 2022 02:56

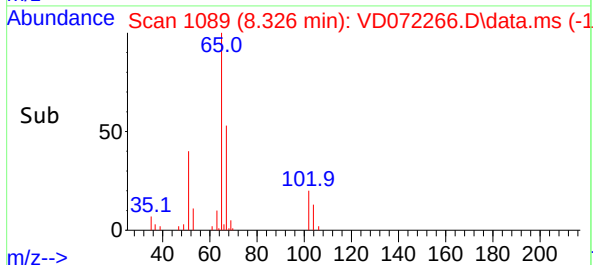
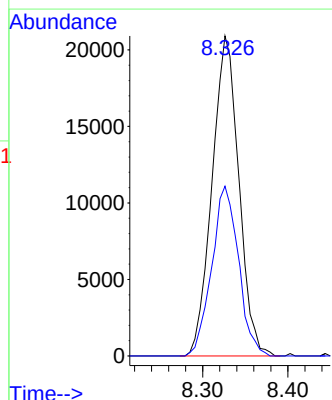
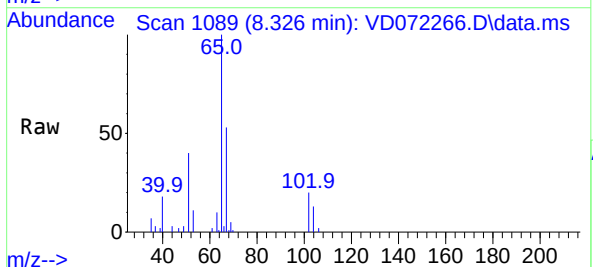
Instrument :
MSVOA_D
ClientSampleId :
1335

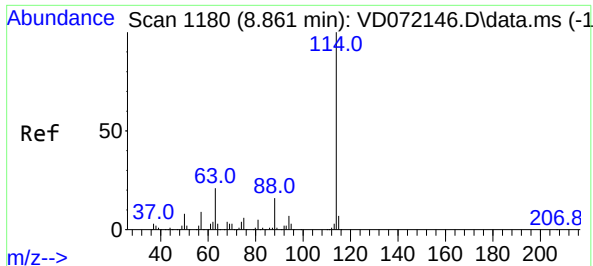
Tgt Ion:168 Resp: 61807
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 66.372 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072266.D
Acq: 18 Mar 2022 02:56

Tgt Ion: 65 Resp: 45717
Ion Ratio Lower Upper
65 100
67 53.1 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: VD072266.D

Acq: 18 Mar 2022 02:56

Instrument :

MSVOA_D

ClientSampleId :

1335

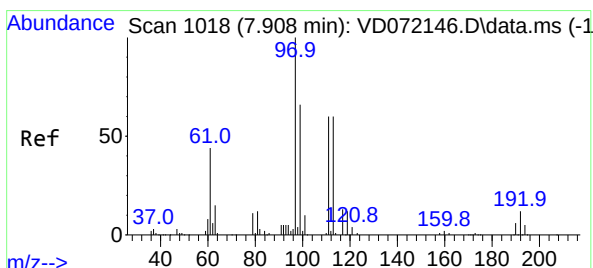
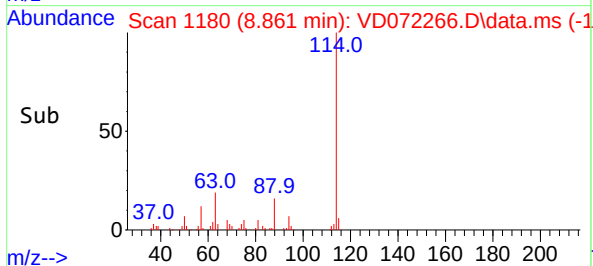
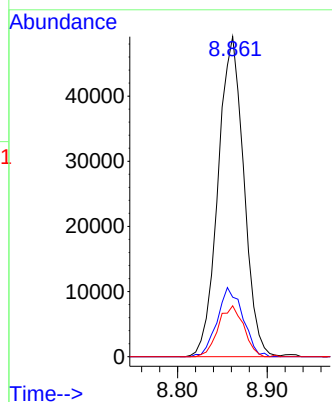
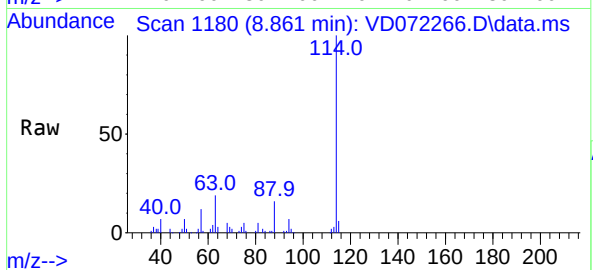
Tgt Ion:114 Resp: 97889

Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.667 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072266.D

Acq: 18 Mar 2022 02:56

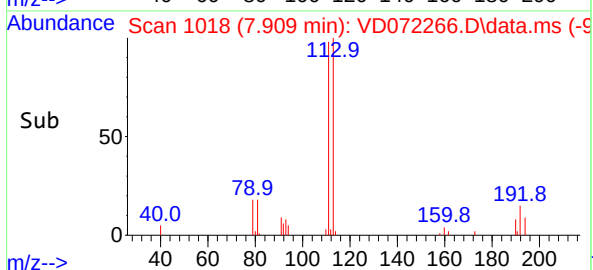
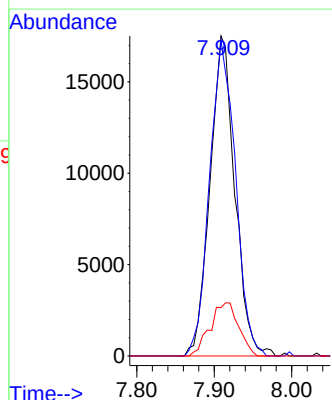
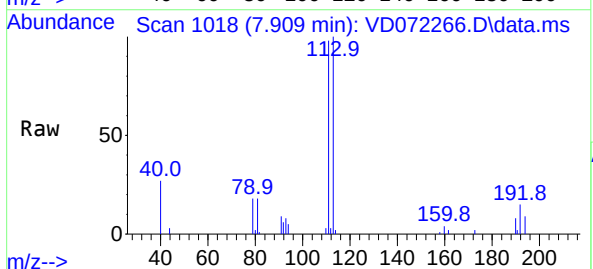
Tgt Ion:113 Resp: 39035

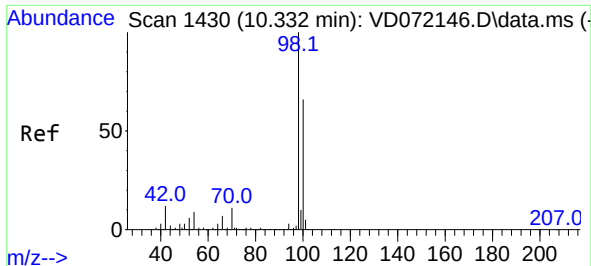
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 19.1 14.6 21.8

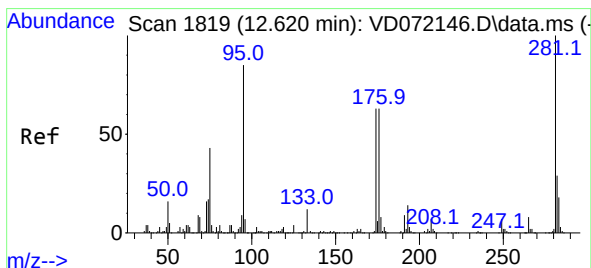
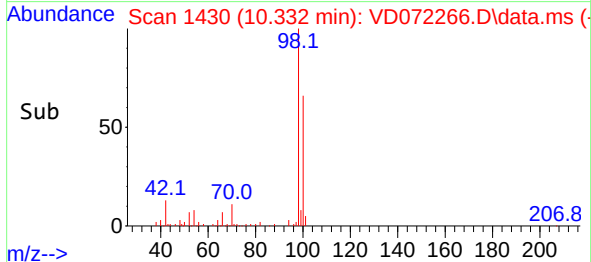
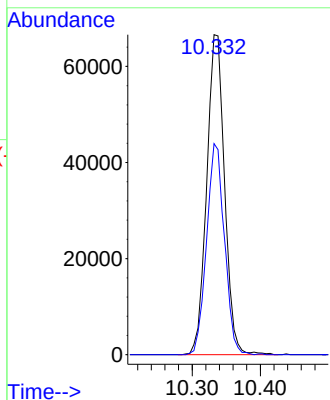
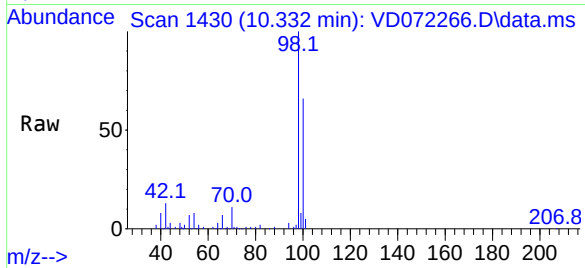




#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072266.D
Acq: 18 Mar 2022 02:56

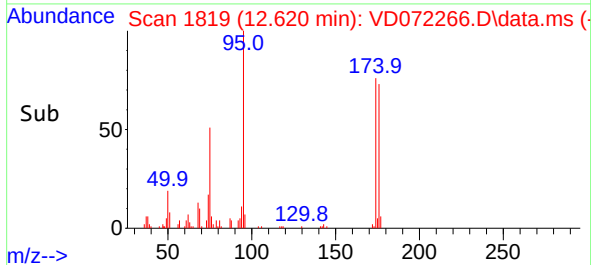
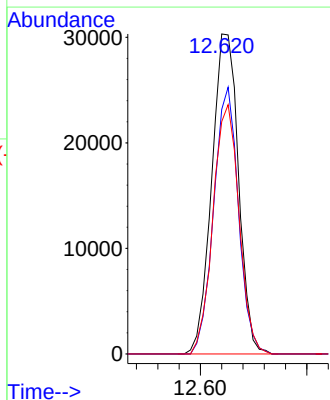
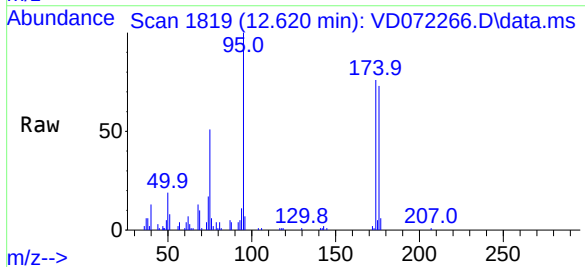
Instrument :
MSVOA_D
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1335

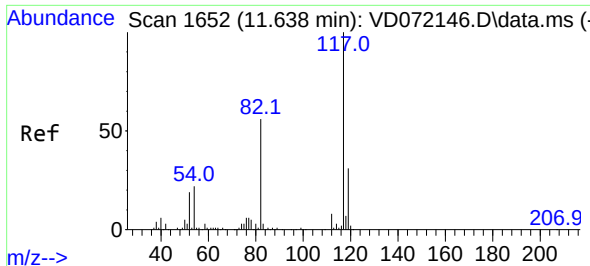
Tgt Ion: 98 Resp: 121578
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.865 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072266.D
Acq: 18 Mar 2022 02:56

Tgt Ion: 95 Resp: 52717
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 75.8 0.0 145.4

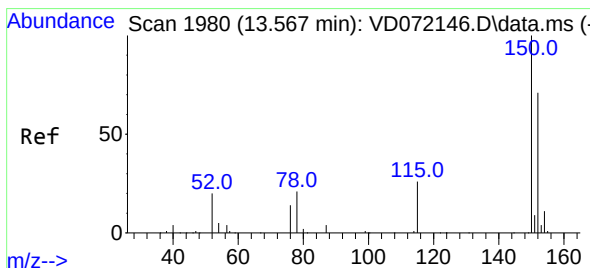
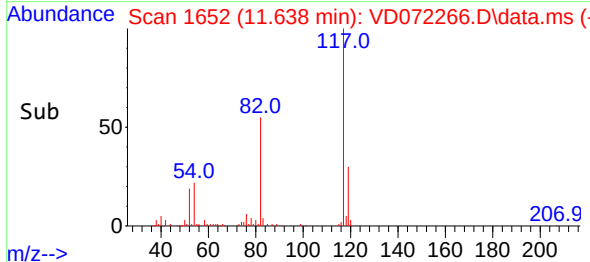
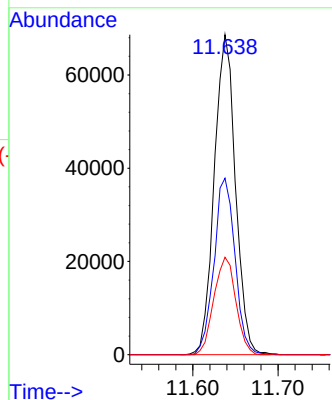
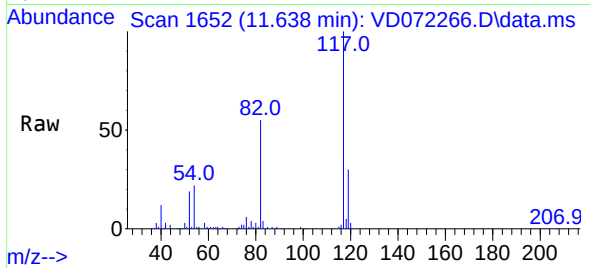




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11335
Delta R.T. 0.000 min
Lab File: VD072266.D
Acq: 18 Mar 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
1335

Tgt Ion:117 Resp: 118557
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 30.5 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: VD072266.D
Acq: 18 Mar 2022 02:56

Tgt Ion:152 Resp: 58719
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 160.6 0.0 348.6

