

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072599.D
 Acq On : 18 Apr 2022 15:58
 Operator : VA/SY
 Sample : N2426-05
 Misc : 4.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-5

Quant Time: Apr 19 02:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	332363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	657694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	641707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224126	55.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.480%
35) Dibromofluoromethane	7.909	113	227224	44.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.920%
50) Toluene-d8	10.332	98	778568	43.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.640%
62) 4-Bromofluorobenzene	12.620	95	278321	40.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.220%

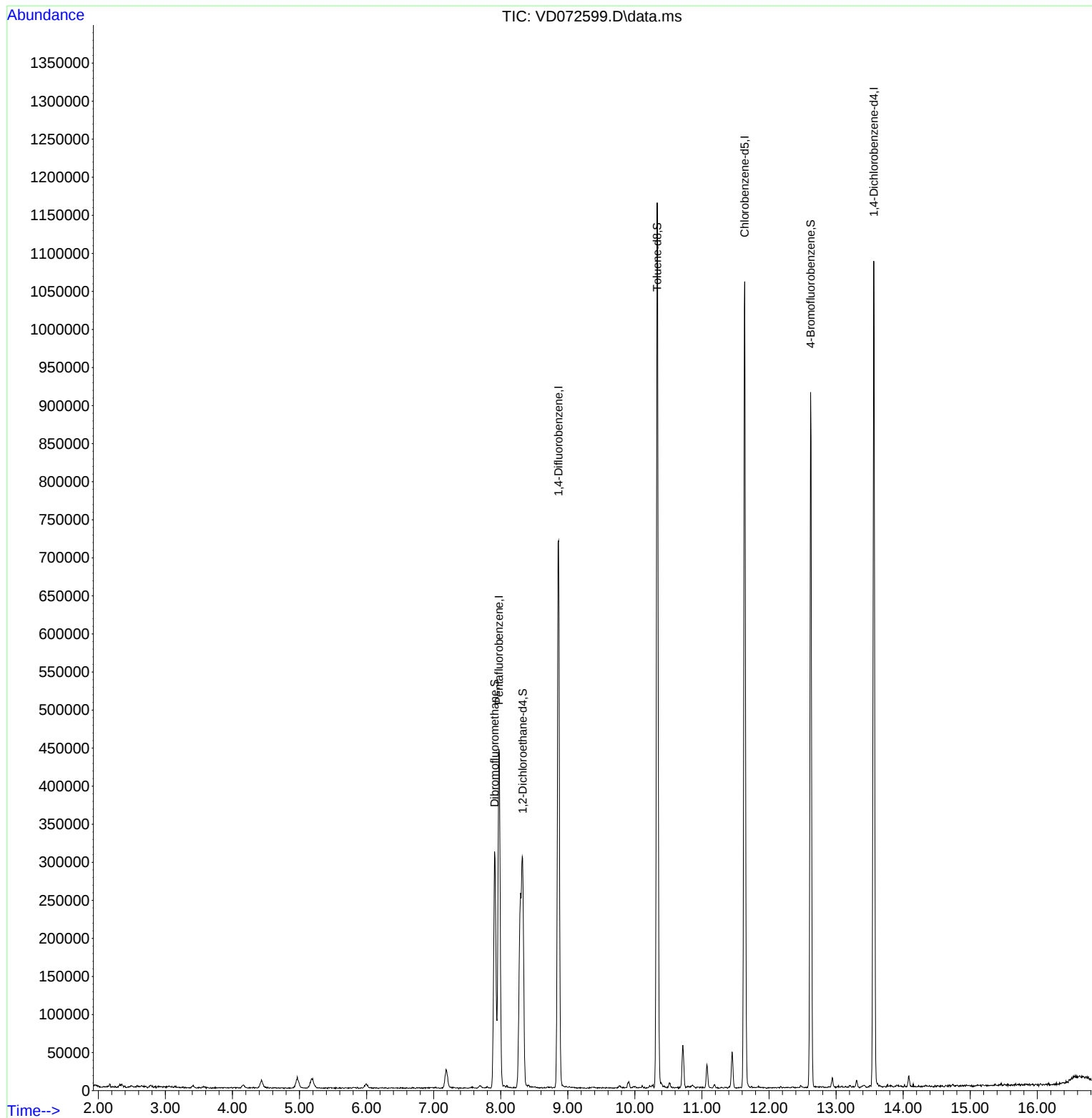
Target Compounds	Qvalue

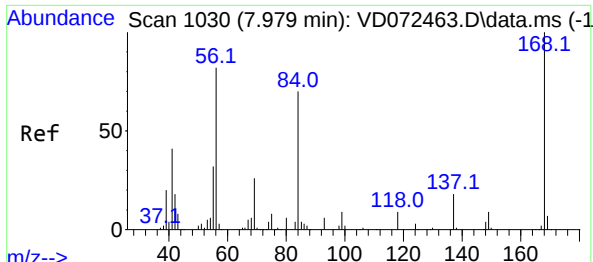
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072599.D

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Instrument :

MSVOA_D

ClientSampleId :

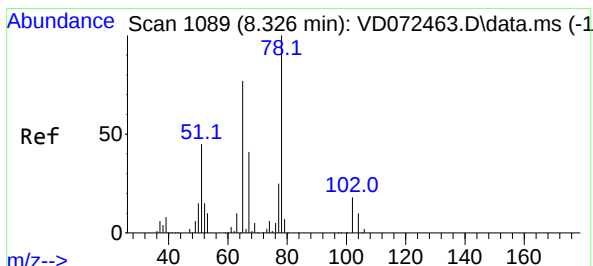
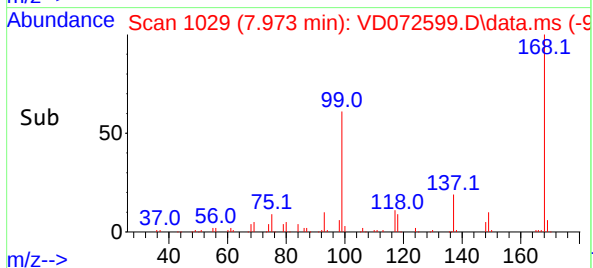
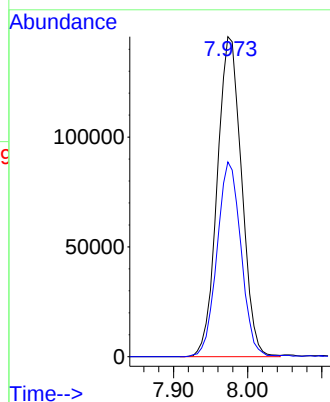
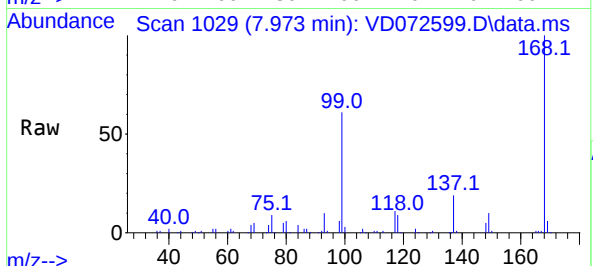
PX-5

Tgt Ion:168 Resp: 332363

Ion Ratio Lower Upper

168 100

99 60.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 55.745 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072599.D

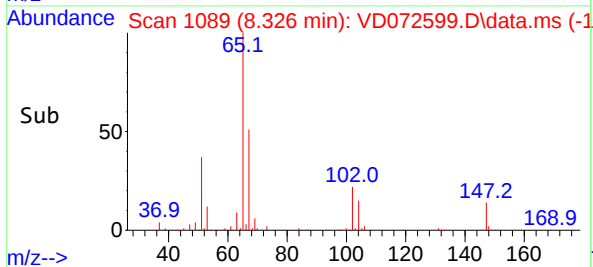
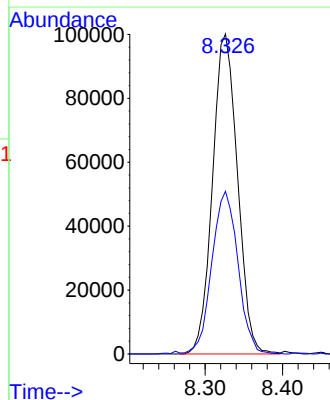
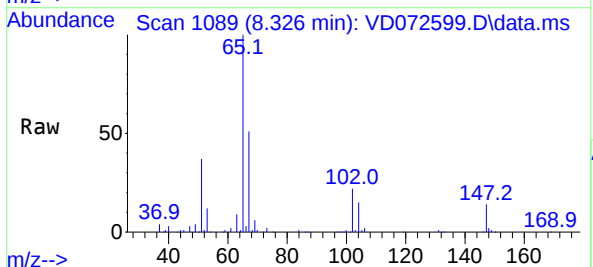
Acq: 18 Apr 2022 15:58

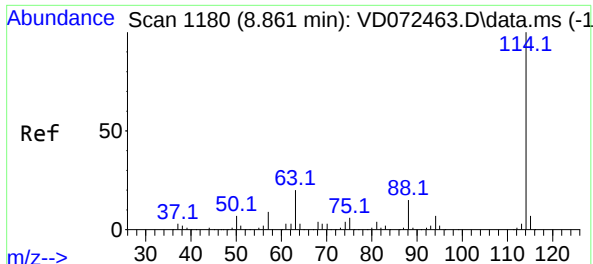
Tgt Ion: 65 Resp: 224126

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4

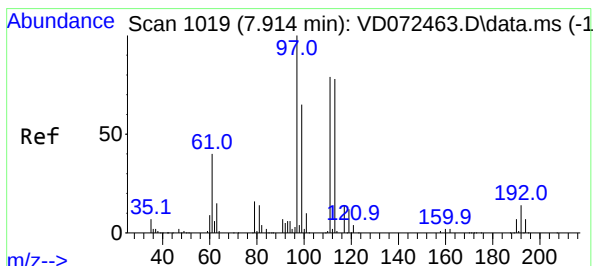
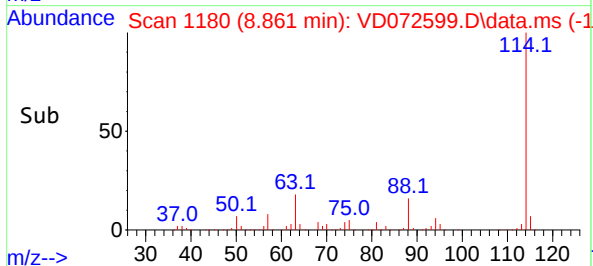
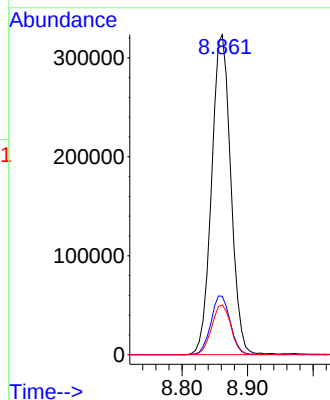
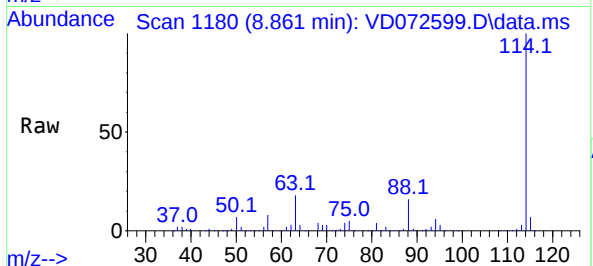




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072599.D
Acq: 18 Apr 2022 15:58

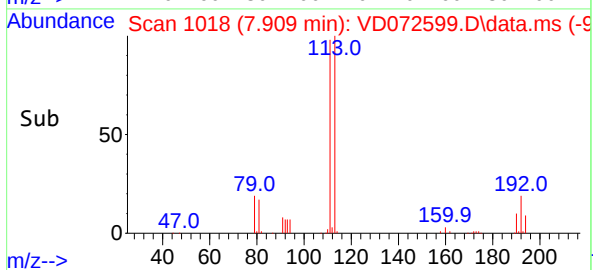
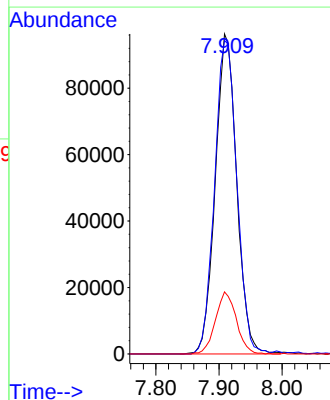
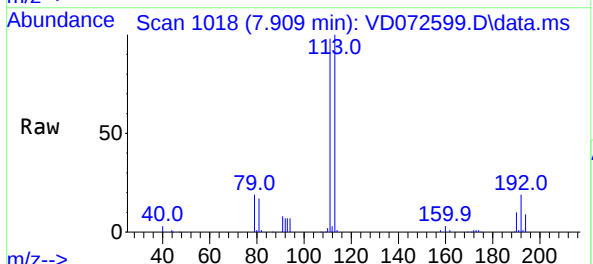
Instrument :
MSVOA_D
ClientSampleId :
PX-5

Tgt Ion:114 Resp: 657694
Ion Ratio Lower Upper
114 100
63 18.3 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.456 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072599.D
Acq: 18 Apr 2022 15:58

Tgt Ion:113 Resp: 227224
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.9 14.6 21.8

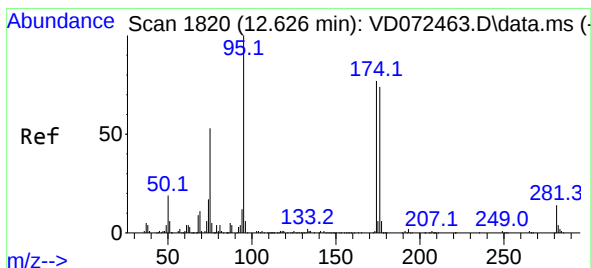
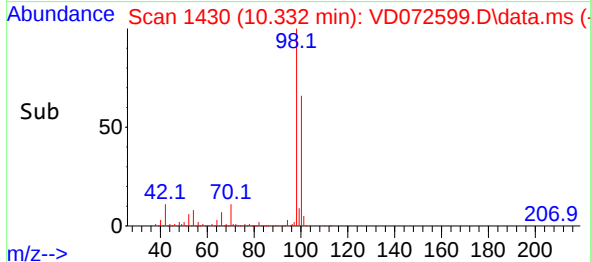
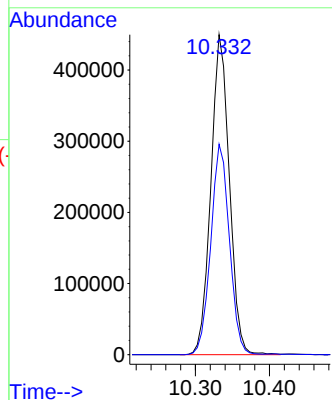
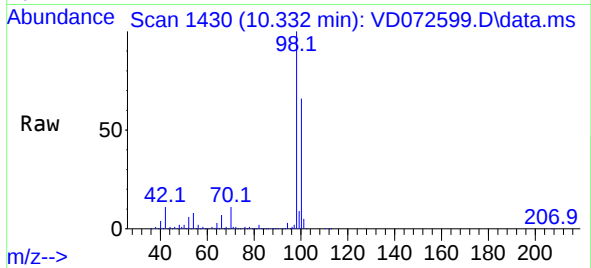




#50
Toluene-d8
Concen: 43.821 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072599.D
Acq: 18 Apr 2022 15:58

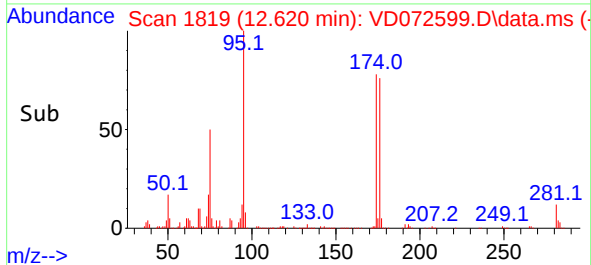
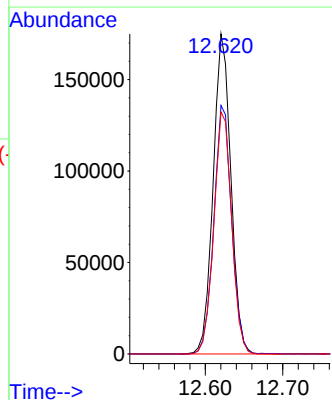
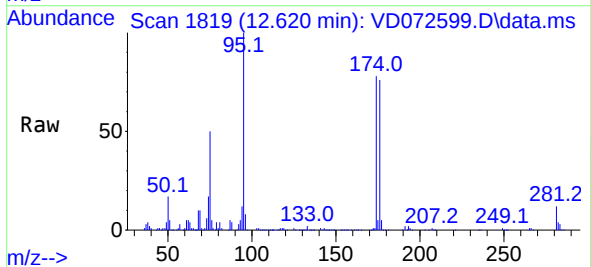
Instrument :
MSVOA_D
ClientSampleId :
PX-5

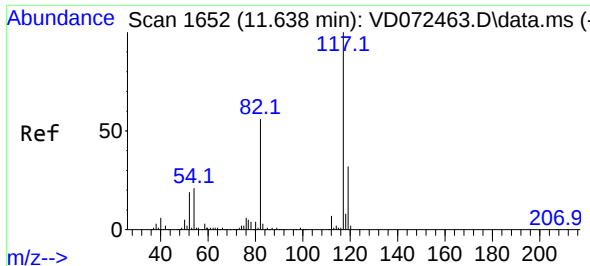
Tgt Ion: 98 Resp: 778568
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.111 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072599.D
Acq: 18 Apr 2022 15:58

Tgt Ion: 95 Resp: 278321
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 75.9 0.0 145.4

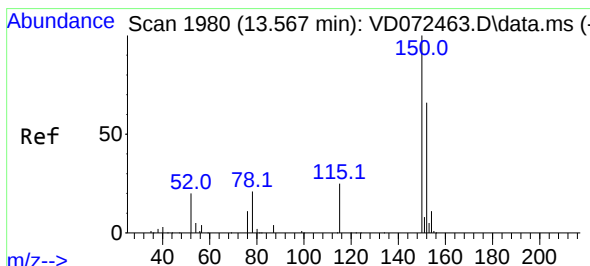
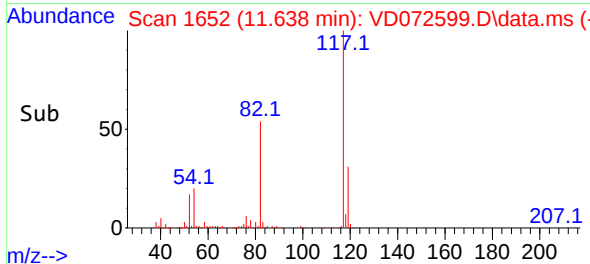
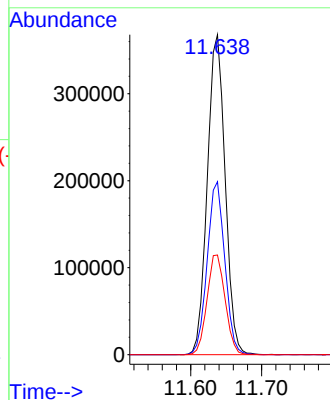
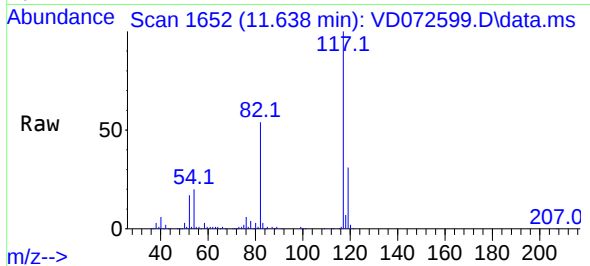




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072599.D
Acq: 18 Apr 2022 15:58

Instrument :
MSVOA_D
ClientSampleId :
PX-5

Tgt Ion:117 Resp: 641707
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.2 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: VD072599.D
Acq: 18 Apr 2022 15:58

Tgt Ion:152 Resp: 287939
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 160.2 0.0 348.6

