

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072978.D
 Acq On : 13 May 2022 06:45
 Operator : VA/SY
 Sample : N2817-16
 Misc : 5.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0006-01

Quant Time: May 13 08:36:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	325558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	570110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171467	40.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.140%
35) Dibromofluoromethane	7.914	113	192399	47.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.900%
50) Toluene-d8	10.332	98	706380	49.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.620	95	269198	50.162	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.320%

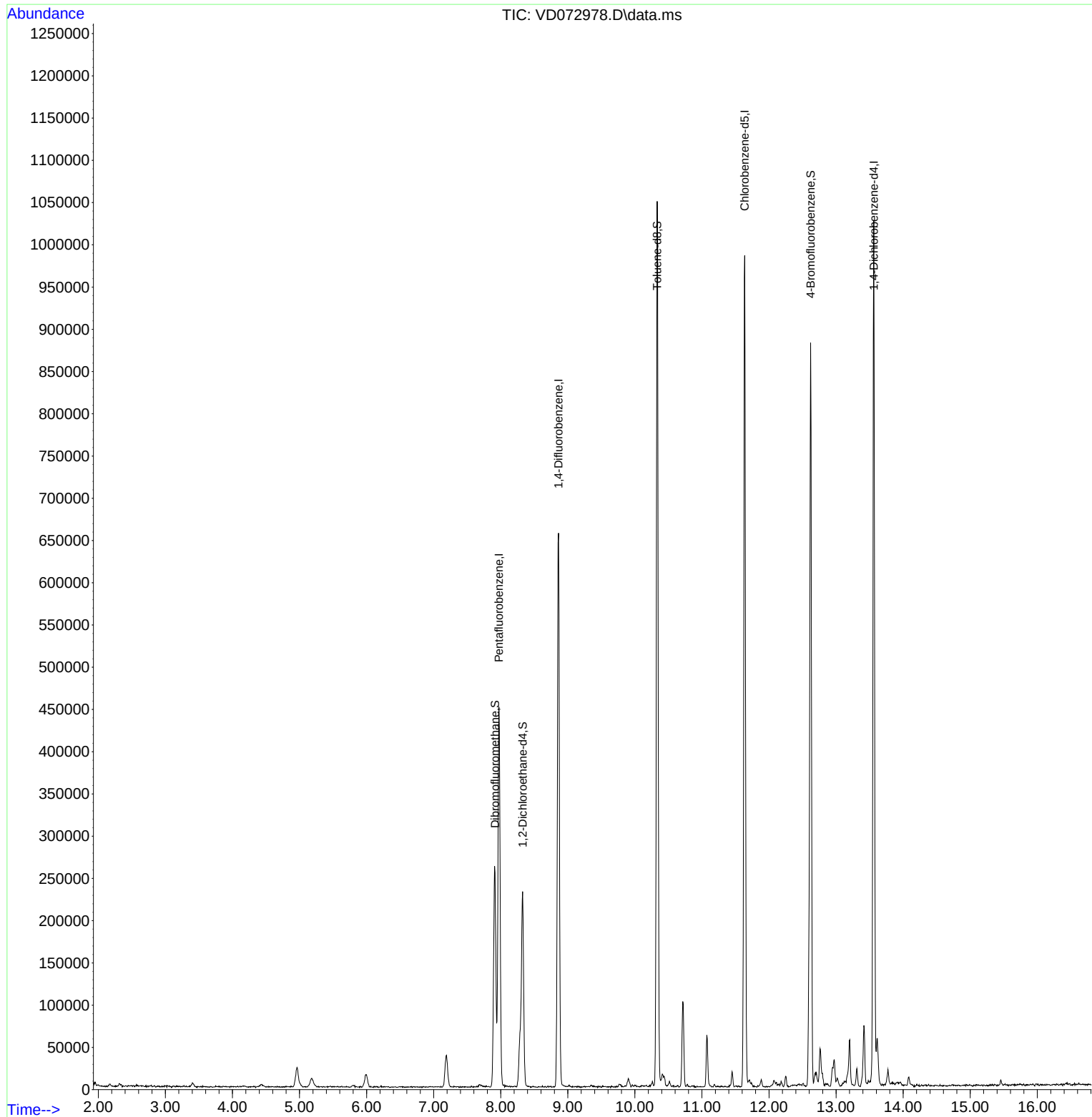
Target Compounds	Qvalue

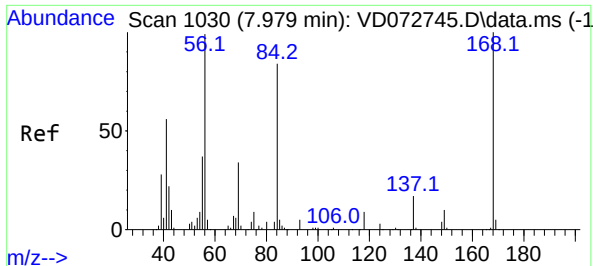
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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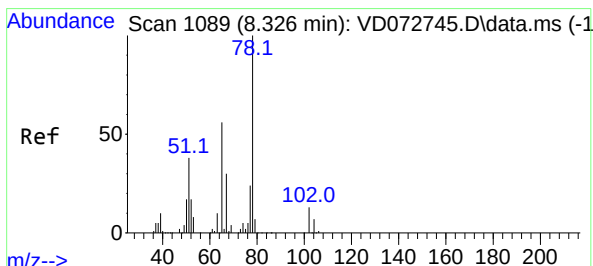
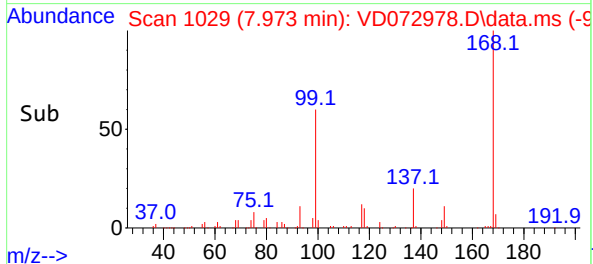
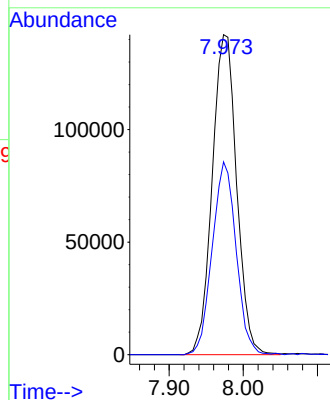
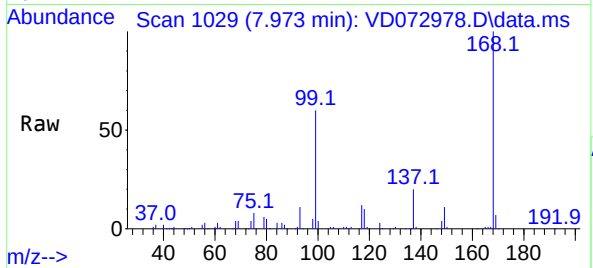




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072978.D
Acq: 13 May 2022 06:45

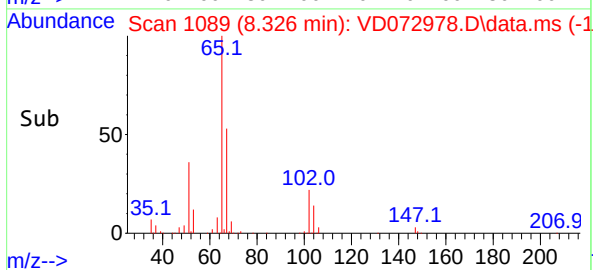
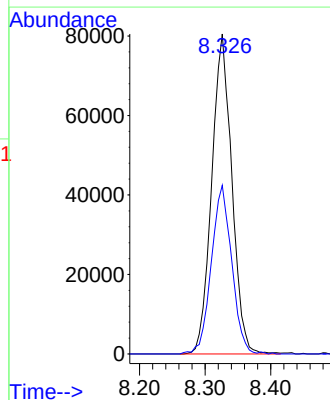
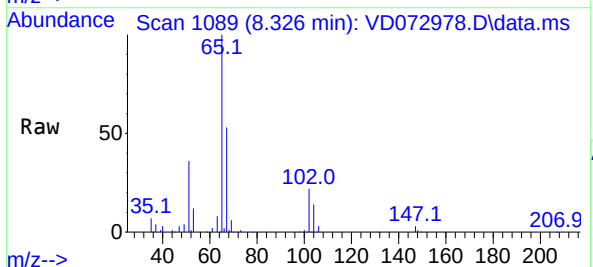
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0006-01

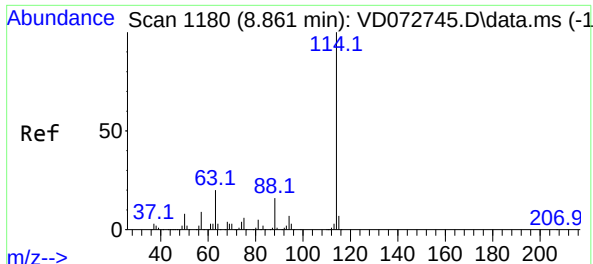
Tgt Ion:168 Resp: 325558
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 40.574 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072978.D
Acq: 13 May 2022 06:45

Tgt Ion: 65 Resp: 171467
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: VD072978.D

Acq: 13 May 2022 06:45

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0006-01

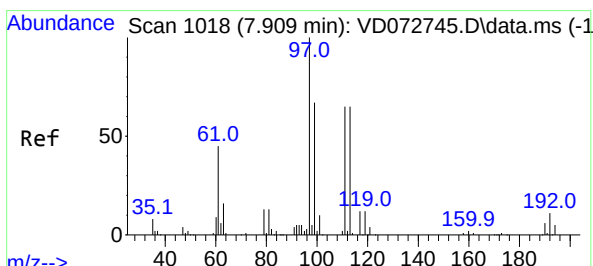
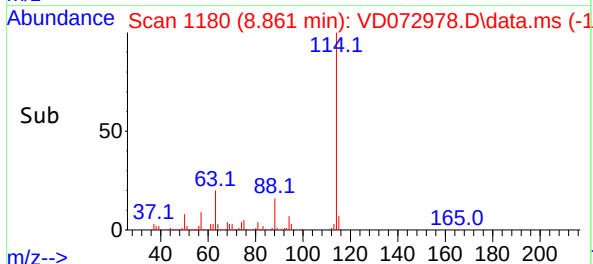
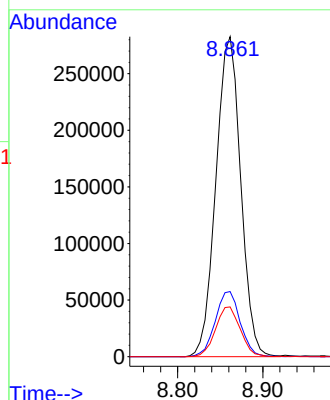
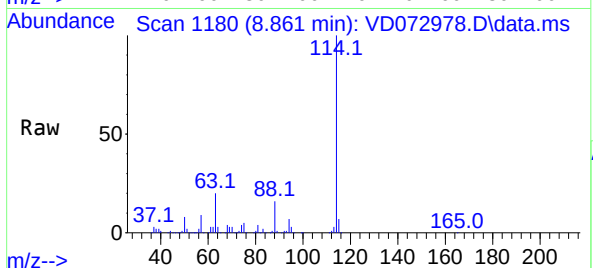
Tgt Ion:114 Resp: 571298

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.952 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072978.D

Acq: 13 May 2022 06:45

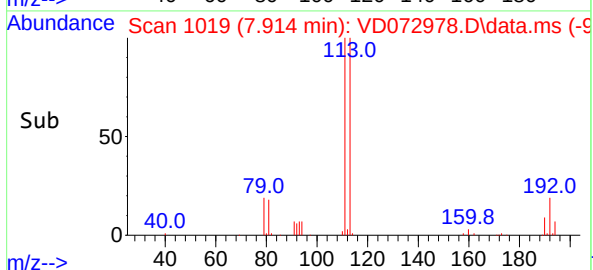
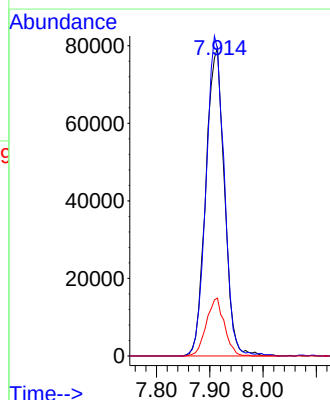
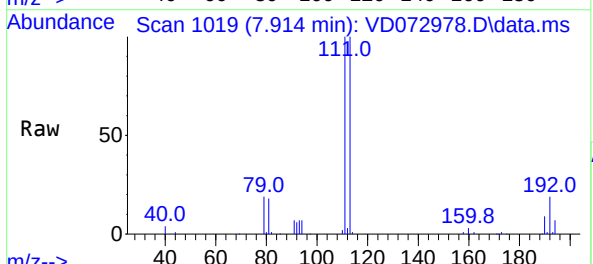
Tgt Ion:113 Resp: 192399

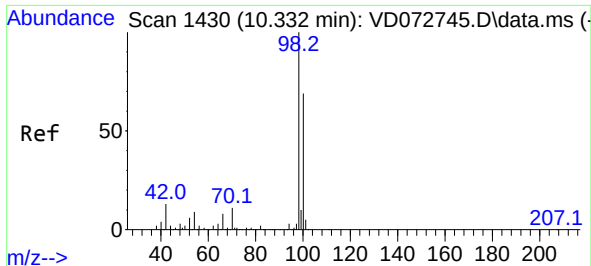
Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 18.3 14.6 21.8

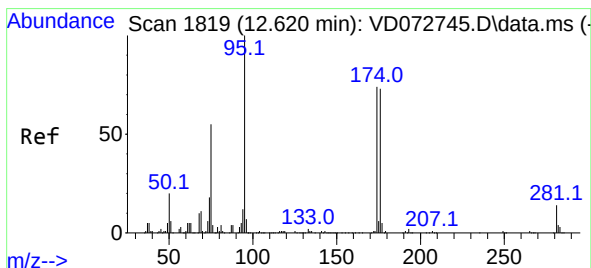
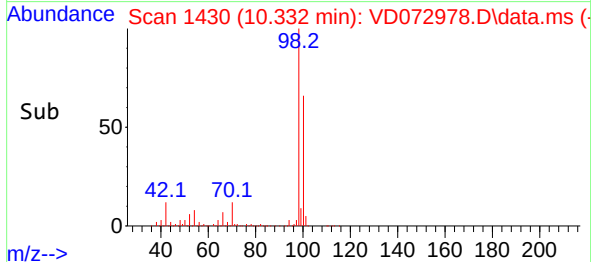
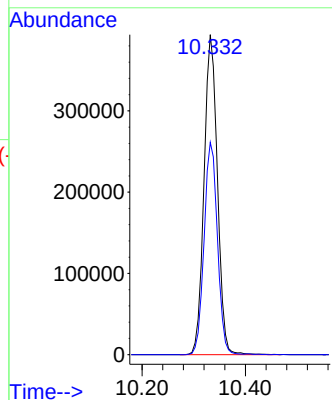
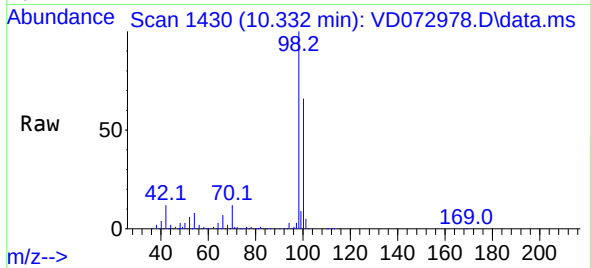




#50
Toluene-d8
Concen: 49.080 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072978.D
Acq: 13 May 2022 06:45

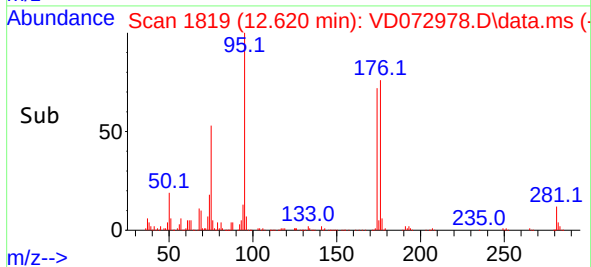
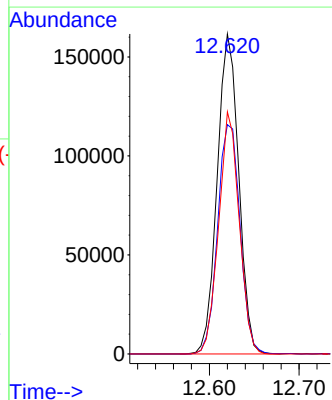
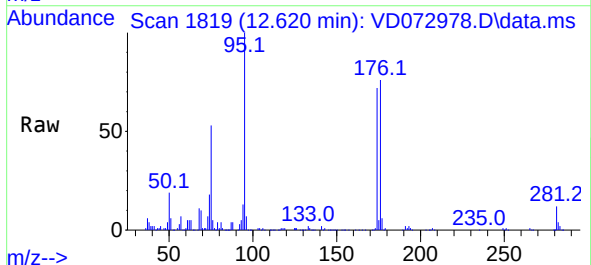
Instrument :
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P026-SS001-0006-01

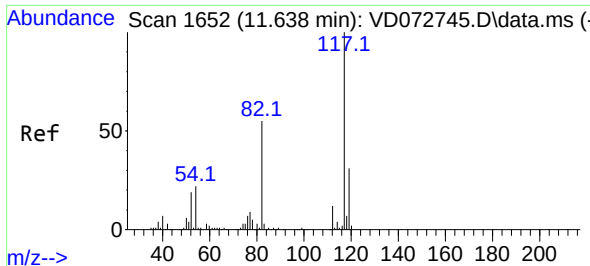
Tgt Ion: 98 Resp: 706380
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.162 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072978.D
Acq: 13 May 2022 06:45

Tgt Ion: 95 Resp: 269198
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 72.1 0.0 145.4

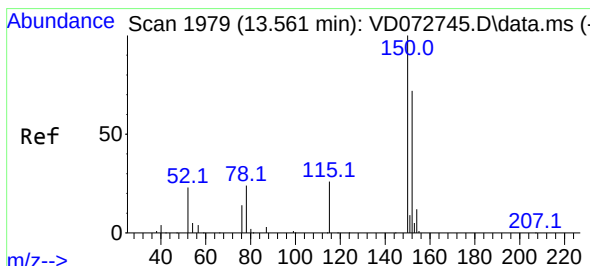
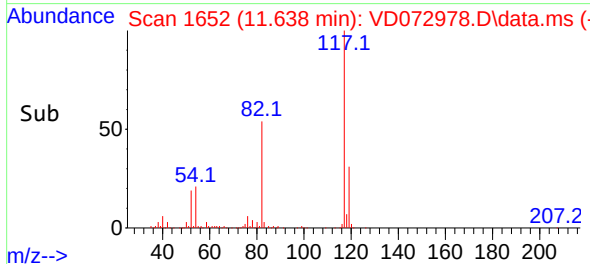
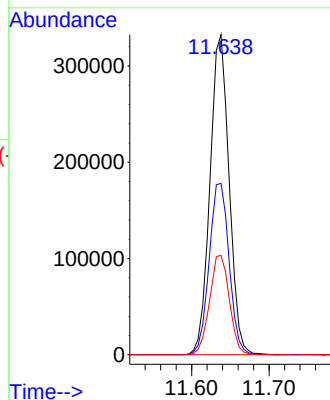
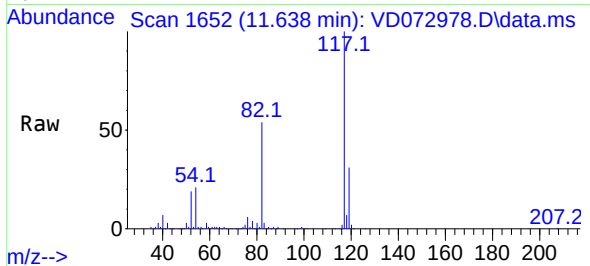




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072978.D
Acq: 13 May 2022 06:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0006-01

Tgt Ion:117 Resp: 570110
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 31.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072978.D
Acq: 13 May 2022 06:45

Tgt Ion:152 Resp: 266701
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.0 0.0 348.6

