

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073125.D
 Acq On : 19 May 2022 05:10
 Operator : VA/SY
 Sample : N2900-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-051722

Quant Time: May 19 06:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	283497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	519930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	541654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	171321	48.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.640%
35) Dibromofluoromethane	7.908	113	179946	49.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.332	98	647861	48.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.620	95	229711	47.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.780%

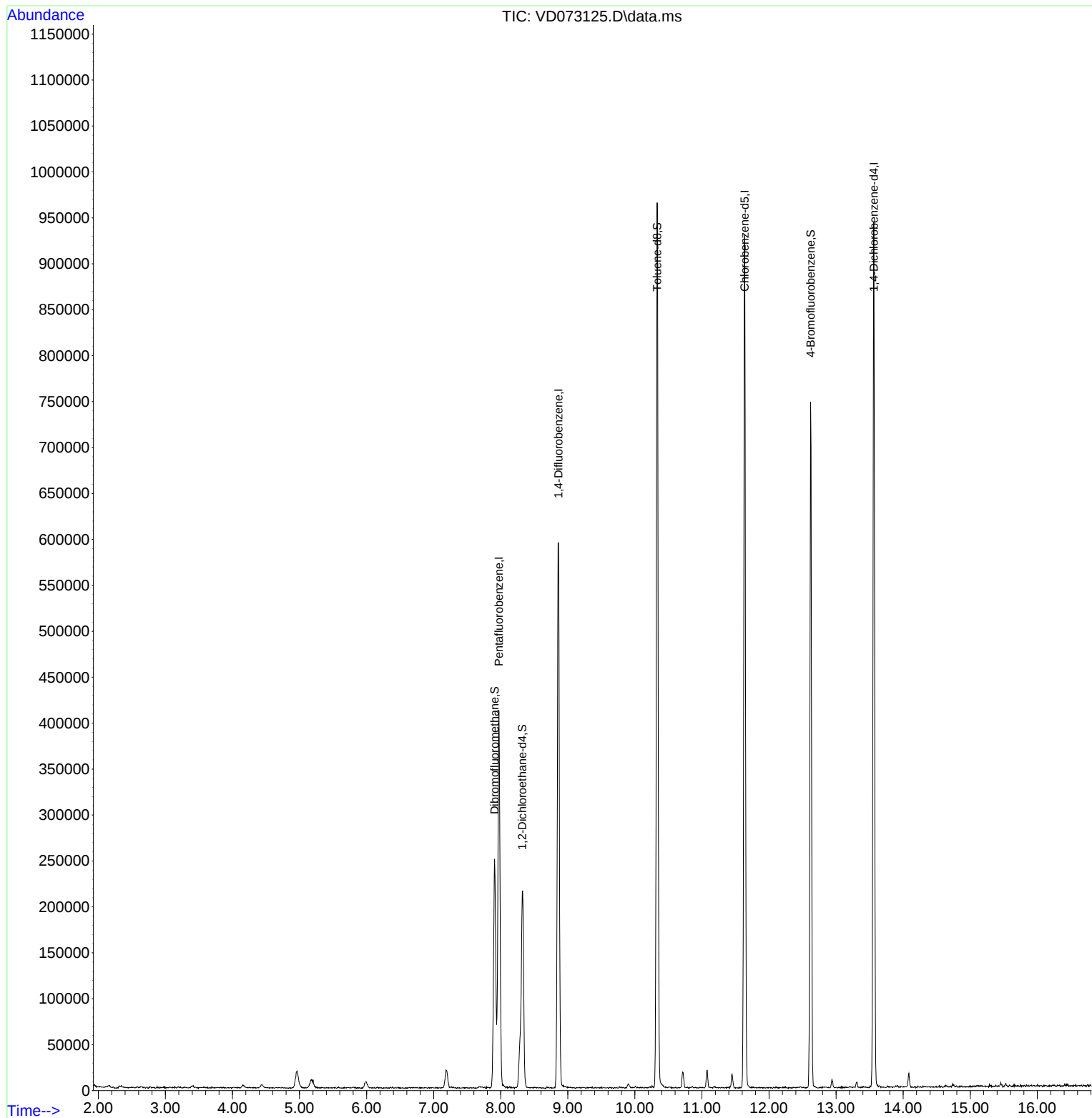
Target Compounds	Qvalue

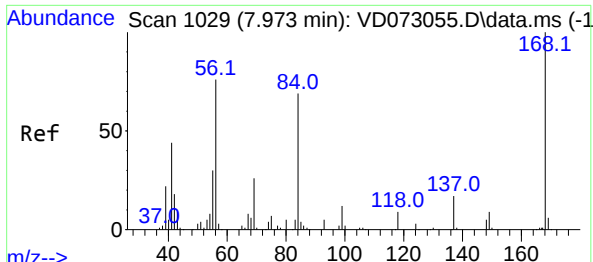
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD073125.D

Acq: 19 May 2022 05:10

Instrument :

MSVOA_D

ClientSampleId :

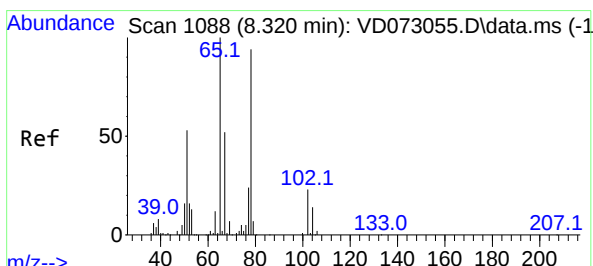
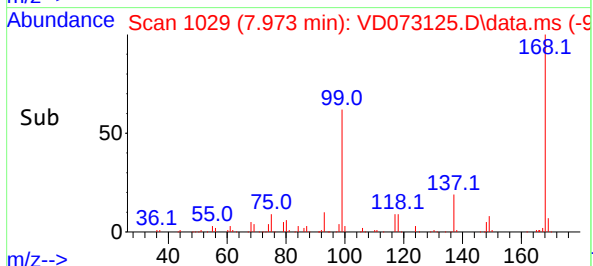
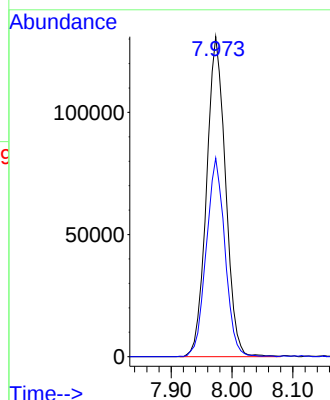
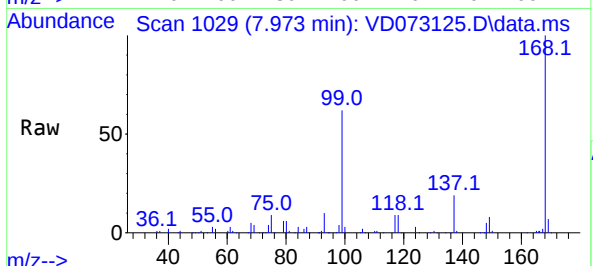
SU-04-051722

Tgt Ion:168 Resp: 283497

Ion Ratio Lower Upper

168 100

99 61.9 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 48.323 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073125.D

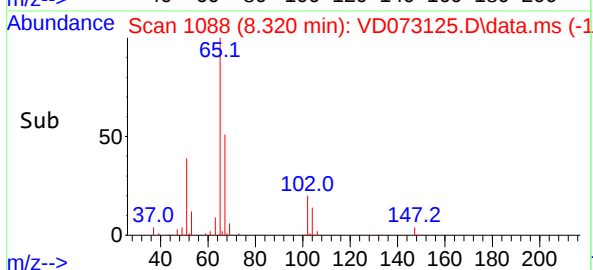
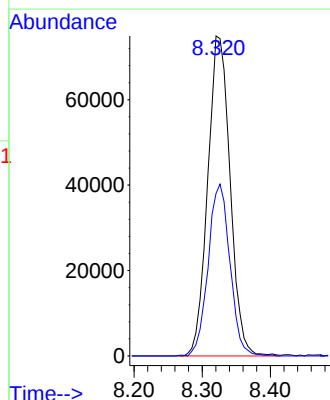
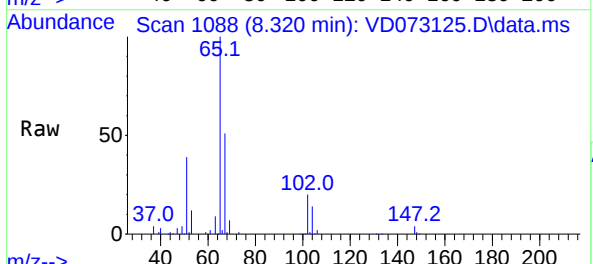
Acq: 19 May 2022 05:10

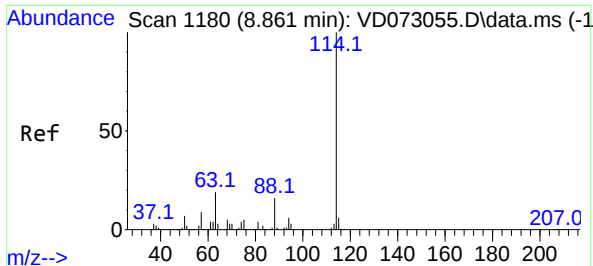
Tgt Ion: 65 Resp: 171321

Ion Ratio Lower Upper

65 100

67 52.2 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: VD073125.D

Acq: 19 May 2022 05:10

Instrument :

MSVOA_D

ClientSampleId :

SU-04-051722

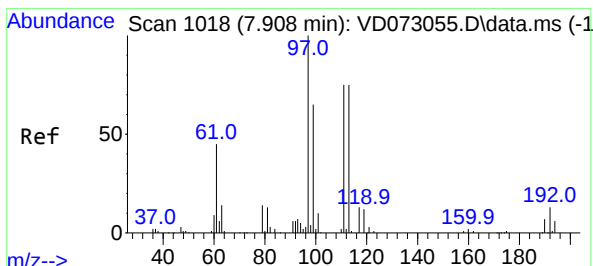
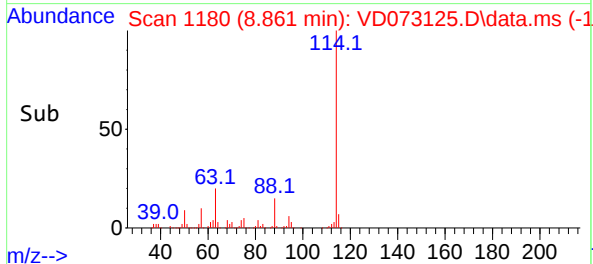
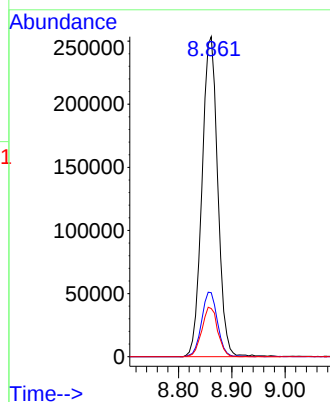
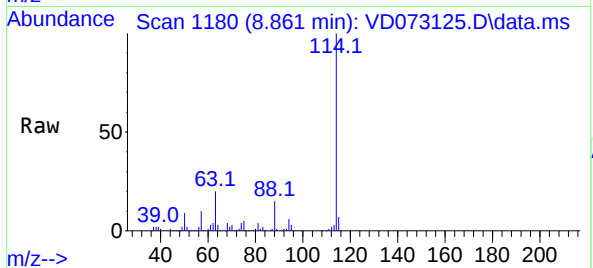
Tgt Ion:114 Resp: 519930

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.294 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073125.D

Acq: 19 May 2022 05:10

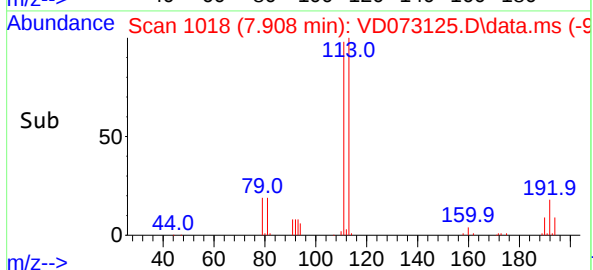
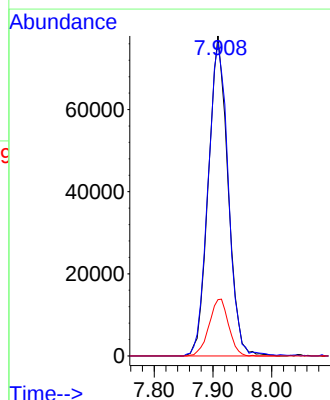
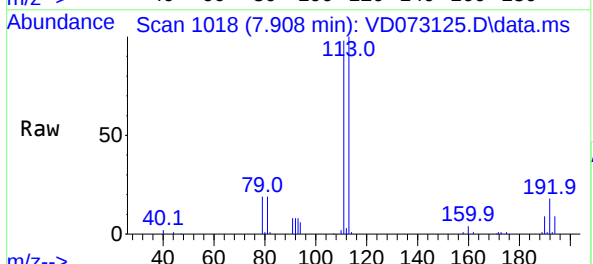
Tgt Ion:113 Resp: 179946

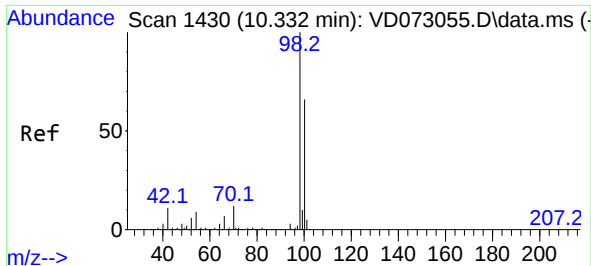
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.8 14.6 21.8

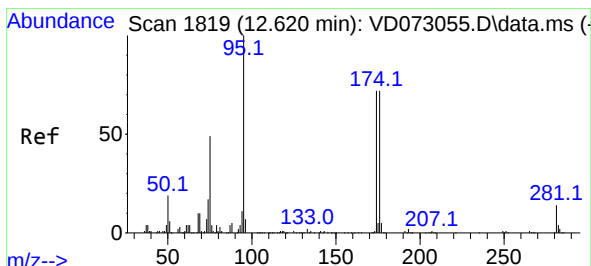
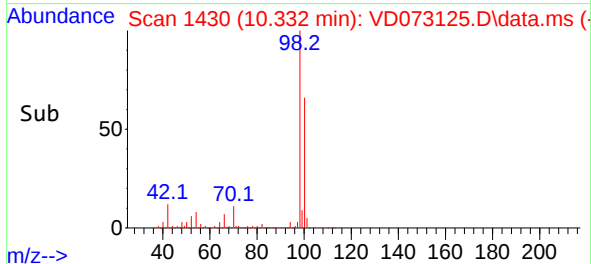
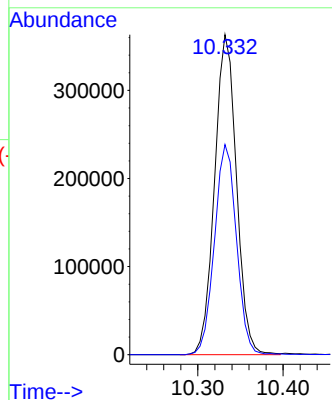
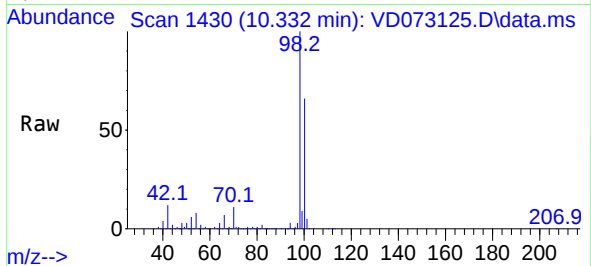




#50
Toluene-d8
Concen: 48.920 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

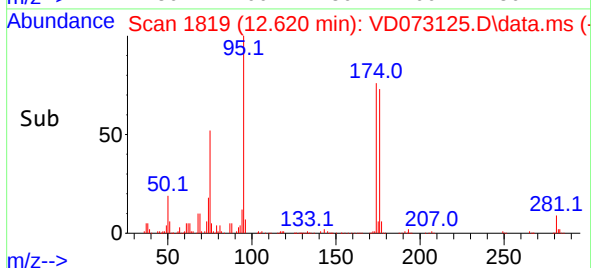
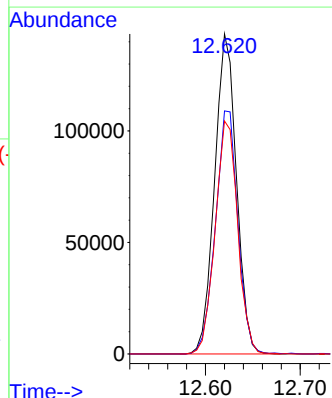
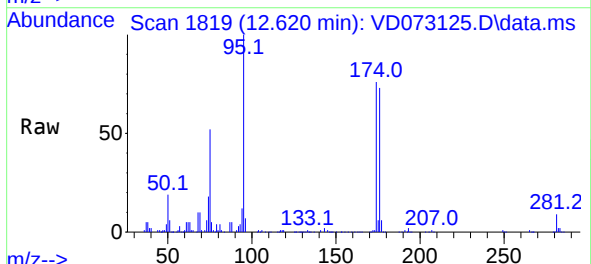
Instrument :
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SU-04-051722

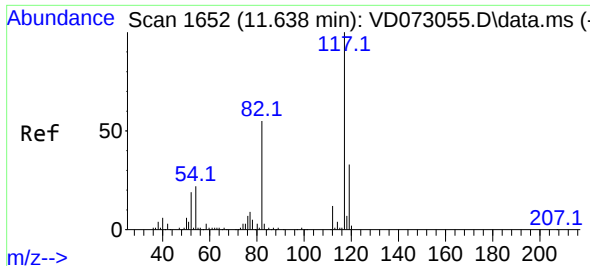
Tgt Ion: 98 Resp: 647861
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.890 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion: 95 Resp: 229711
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 75.1 0.0 145.4

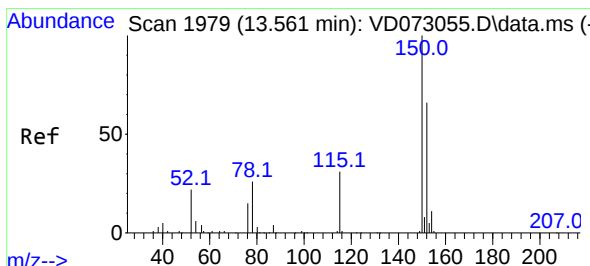
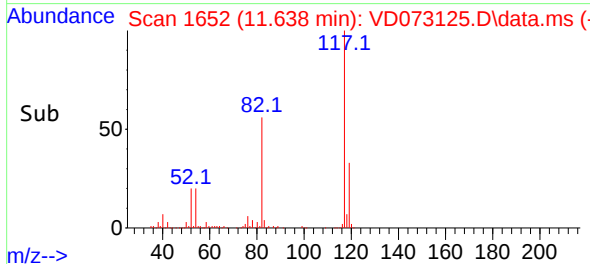
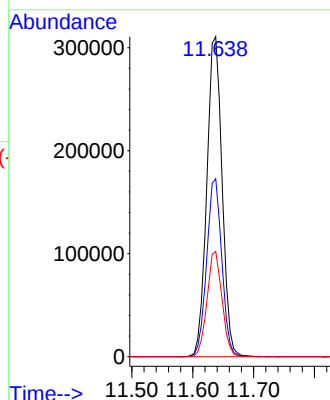
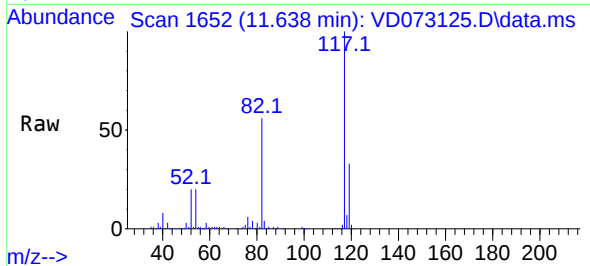




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073125.D
Acq: 19 May 2022 05:10

Instrument :
MSVOA_D
ClientSampleId :
SU-04-051722

Tgt Ion:117 Resp: 541654
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.9 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: VD073125.D
Acq: 19 May 2022 05:10

Tgt Ion:152 Resp: 246479
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.5 0.0 348.6

