

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072702.D
 Acq On : 25 Apr 2022 10:30
 Operator : VA/SY
 Sample : VD0425SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBL01

Quant Time: Apr 26 01:12:55 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	567967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	991531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	923725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	418844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	291813	42.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.940%
35) Dibromofluoromethane	7.908	113	315514	40.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.332	98	1186309	44.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.620	95	420594	40.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.420%

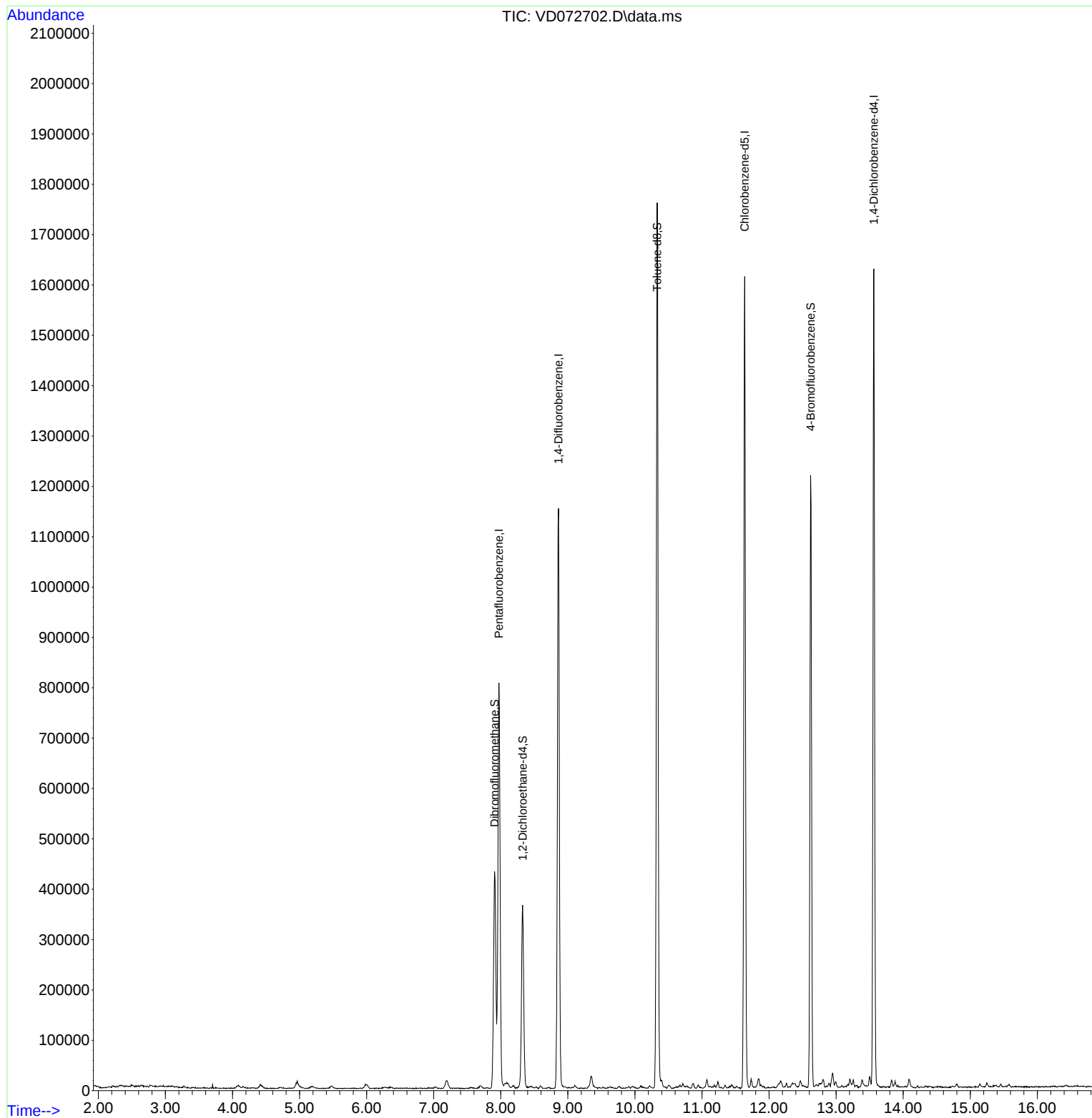
Target Compounds	Qvalue

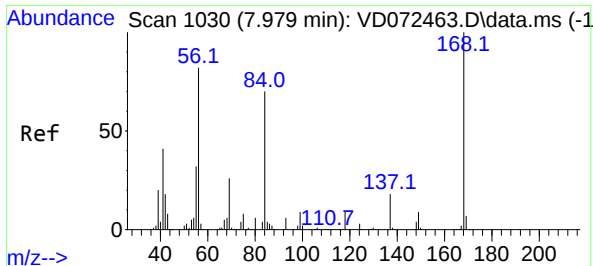
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072702.D

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Instrument :

MSVOA_D

ClientSampleId :

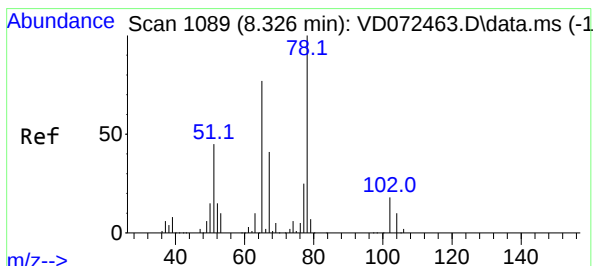
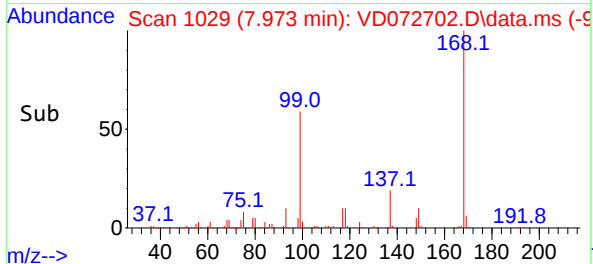
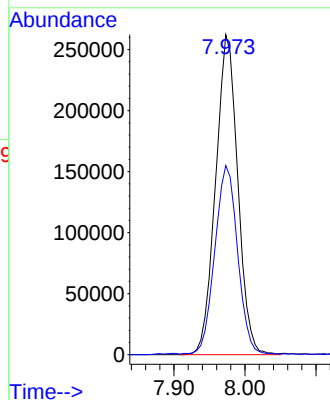
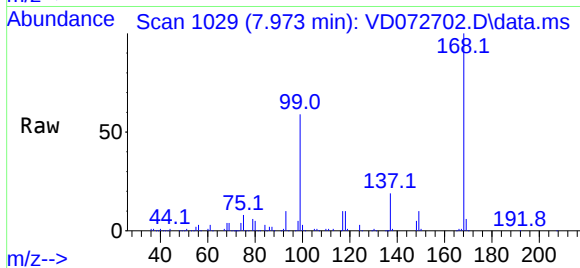
VD0425SBL01

Tgt Ion:168 Resp: 567967

Ion Ratio Lower Upper

168 100

99 58.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 42.472 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072702.D

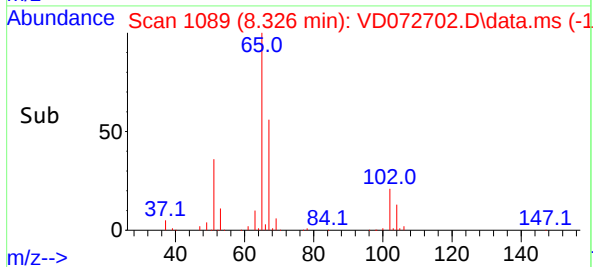
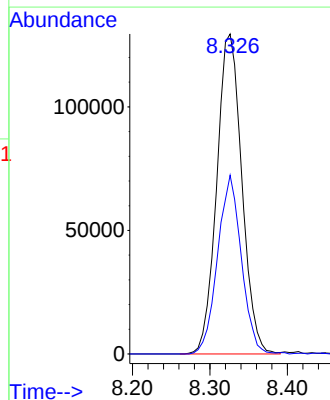
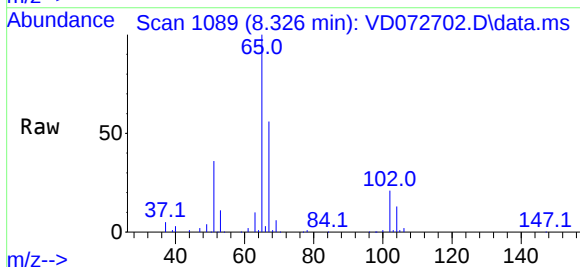
Acq: 25 Apr 2022 10:30

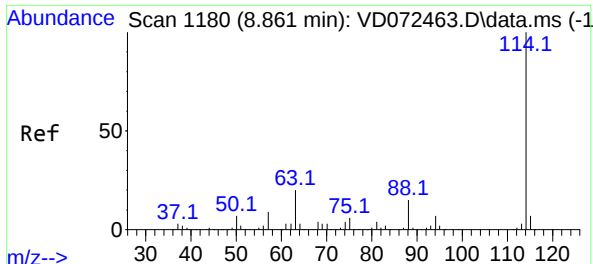
Tgt Ion: 65 Resp: 291813

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4

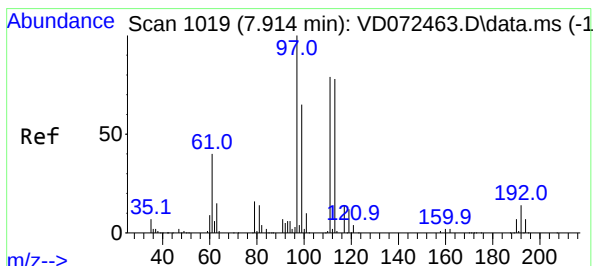
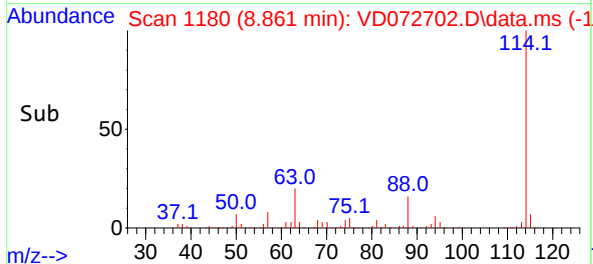
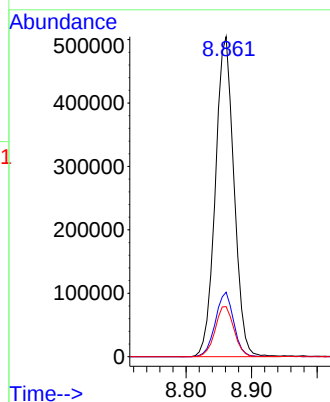
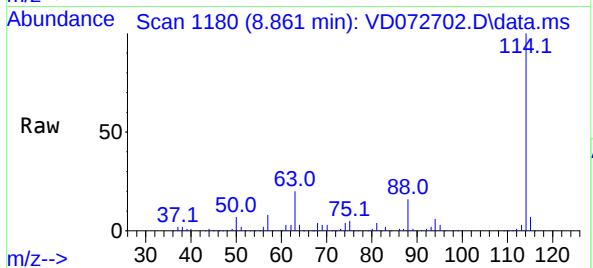




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072702.D
Acq: 25 Apr 2022 10:30

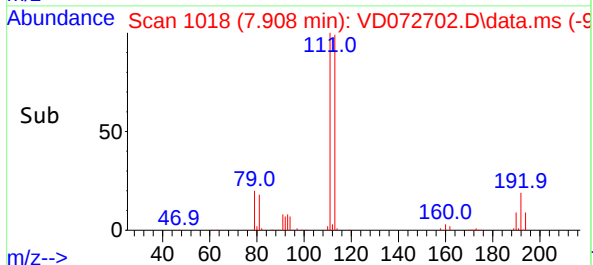
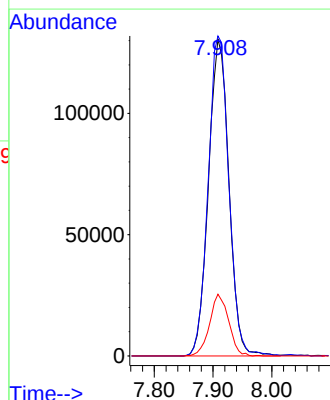
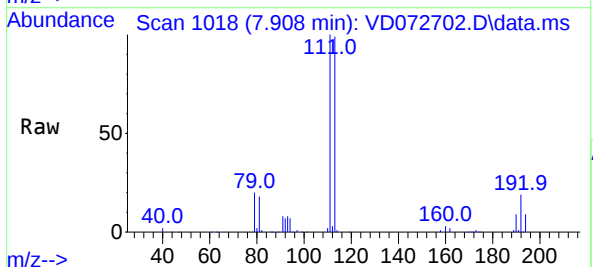
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ClientSampleId :
VD0425SBL01

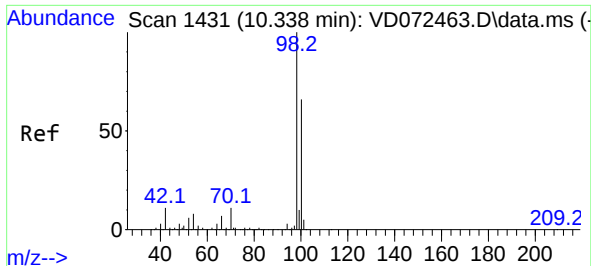
Tgt Ion:114 Resp: 991531
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 40.946 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072702.D
Acq: 25 Apr 2022 10:30

Tgt Ion:113 Resp: 315514
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 18.1 14.6 21.8

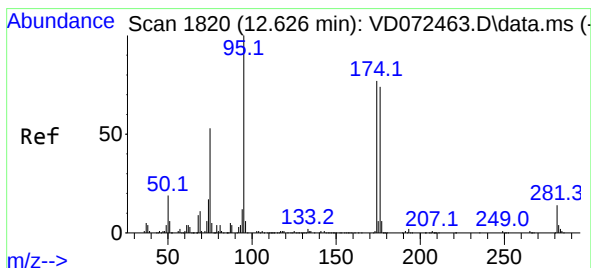
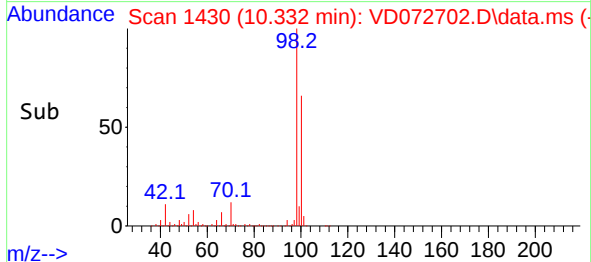
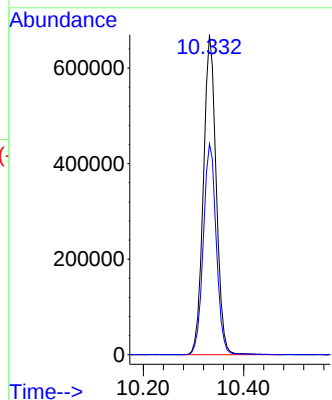
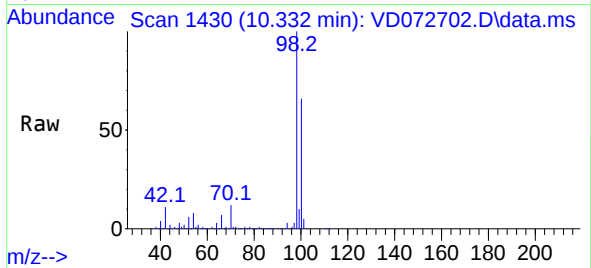




#50
Toluene-d8
Concen: 44.290 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072702.D
Acq: 25 Apr 2022 10:30

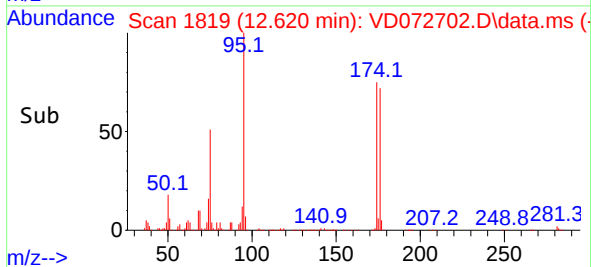
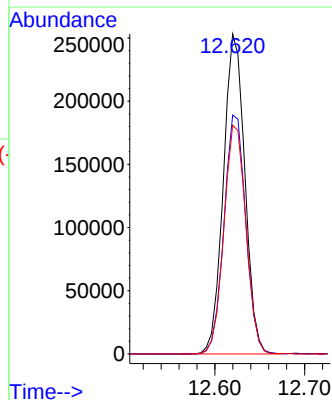
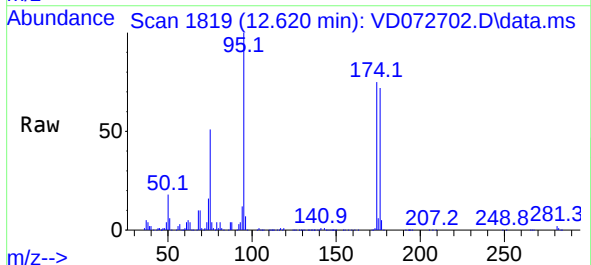
Instrument :
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ClientSampleId :
VD0425SBL01

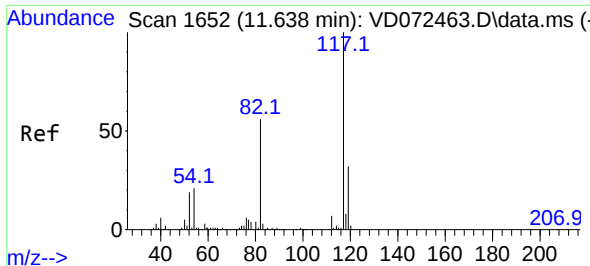
Tgt Ion: 98 Resp: 1186309
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.207 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072702.D
Acq: 25 Apr 2022 10:30

Tgt Ion: 95 Resp: 420594
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 73.4 0.0 145.4

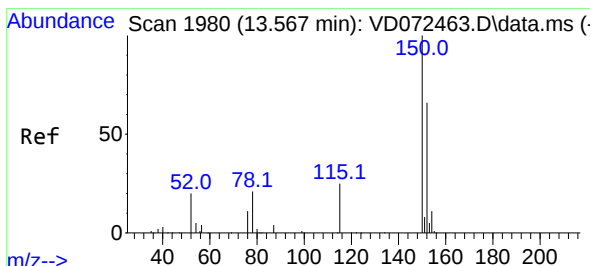
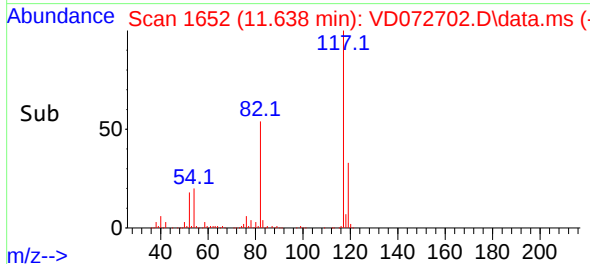
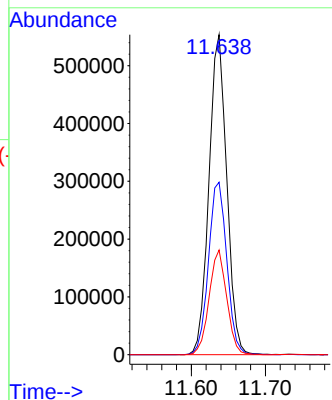
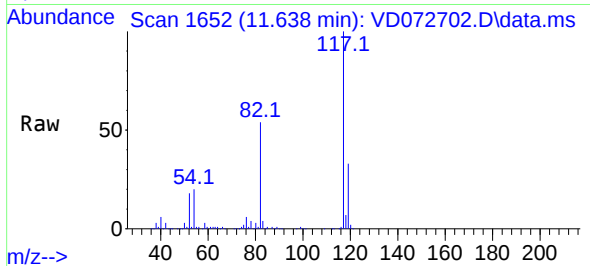




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072702.D
Acq: 25 Apr 2022 10:30

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBL01

Tgt Ion:117 Resp: 923725
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 32.7 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: VD072702.D
Acq: 25 Apr 2022 10:30

Tgt Ion:152 Resp: 418844
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 161.3 0.0 348.6

