

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071903.D
 Acq On : 04 Feb 2022 17:21
 Operator : VA/SY
 Sample : N1401-05
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124042

Quant Time: Feb 07 04:21:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	141258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	256037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	272575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	122182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137466	76.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.980%
35) Dibromofluoromethane	7.914	113	101698	60.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.860%
50) Toluene-d8	10.338	98	333428	53.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.620	95	114113	51.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.980%

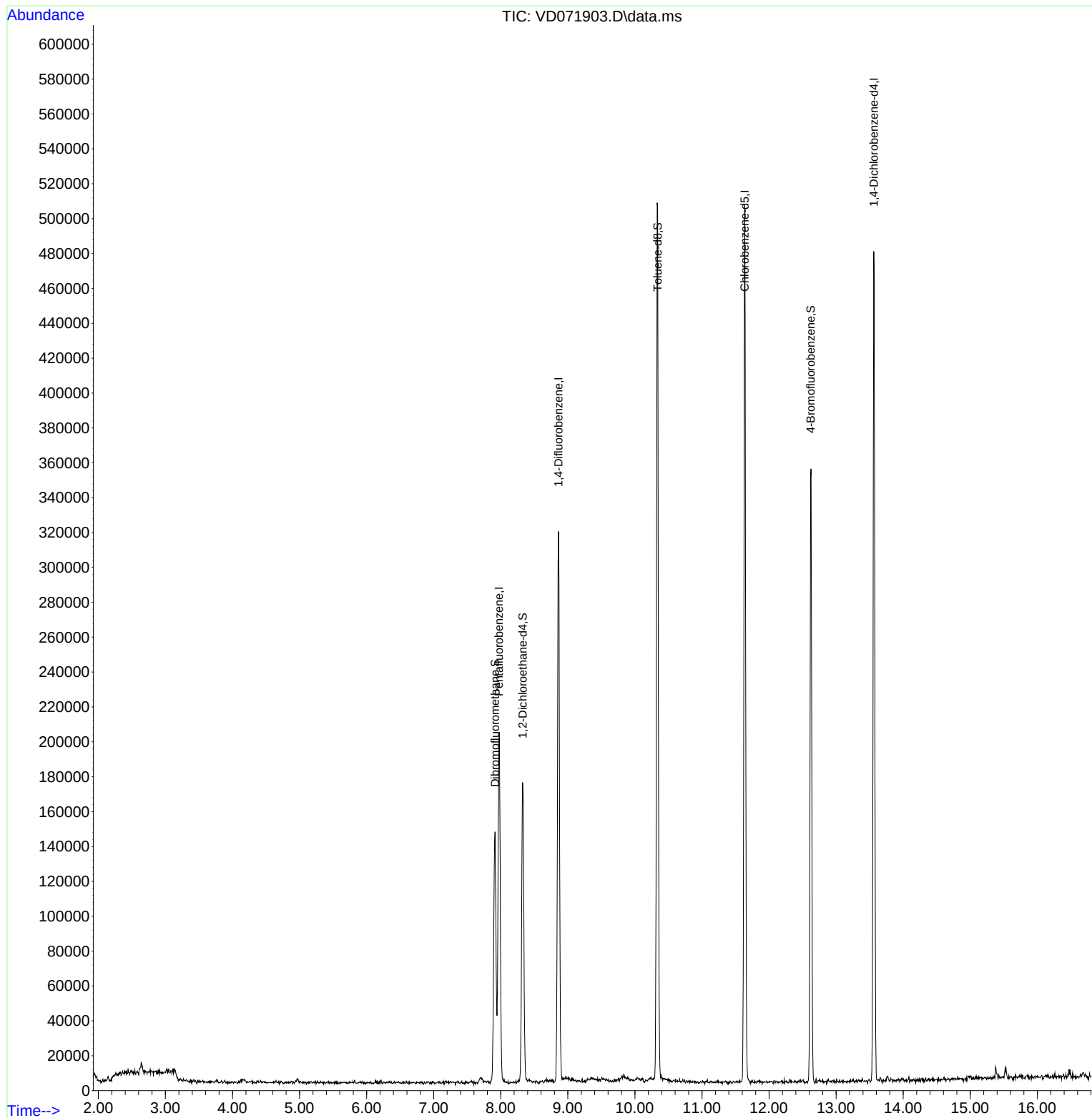
Target Compounds	Qvalue

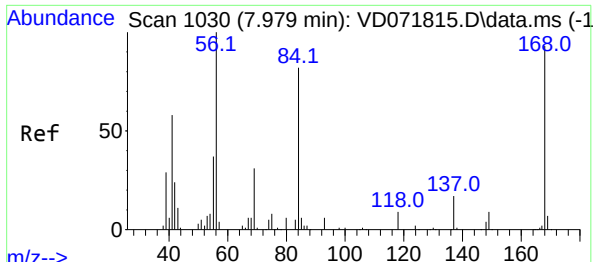
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071903.D

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Instrument :

MSVOA_D

ClientSampleId :

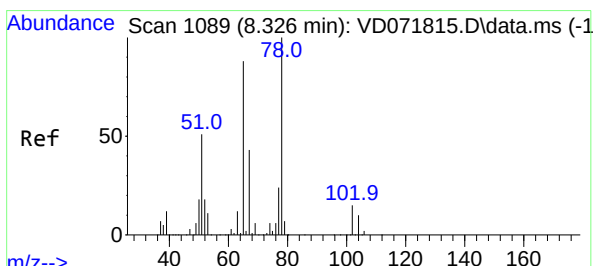
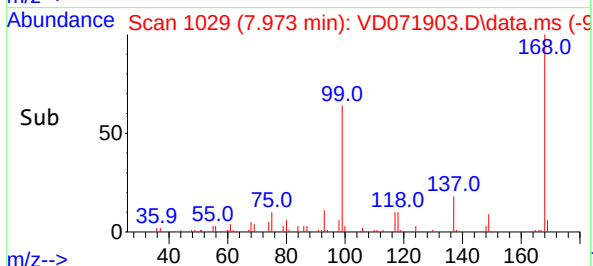
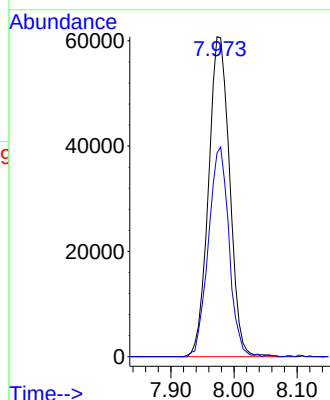
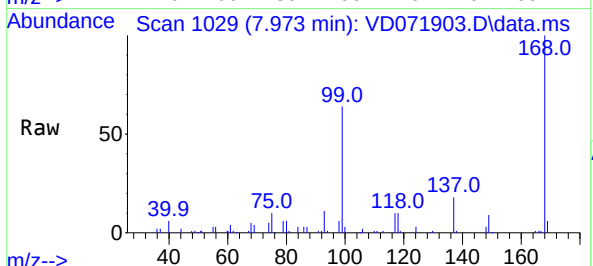
PSC-124042

Tgt Ion:168 Resp: 141258

Ion Ratio Lower Upper

168 100

99 63.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 76.993 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071903.D

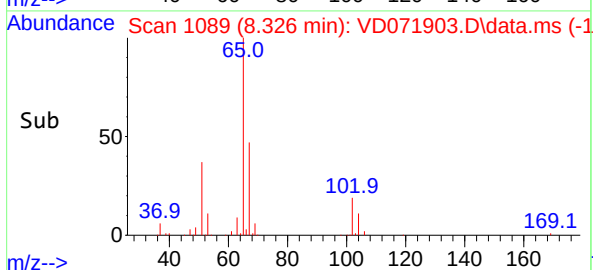
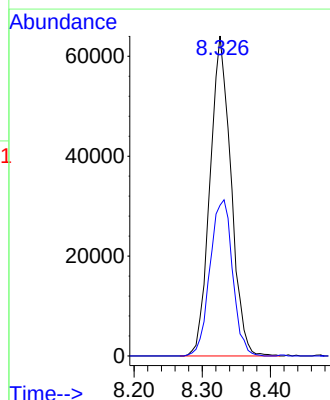
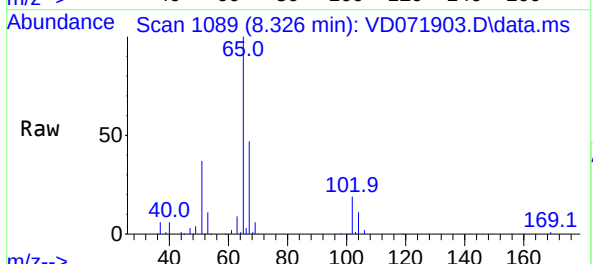
Acq: 04 Feb 2022 17:21

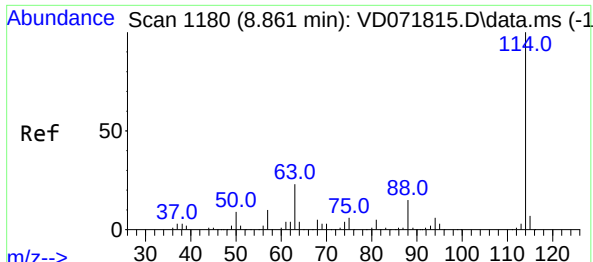
Tgt Ion: 65 Resp: 137466

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4

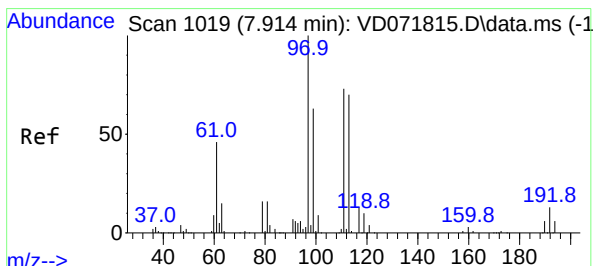
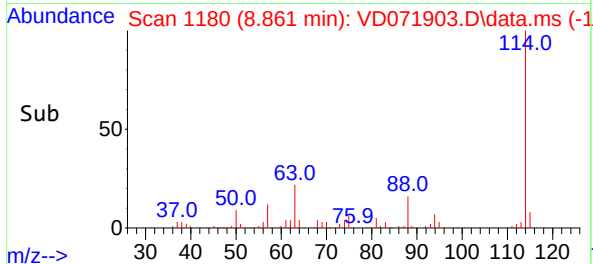
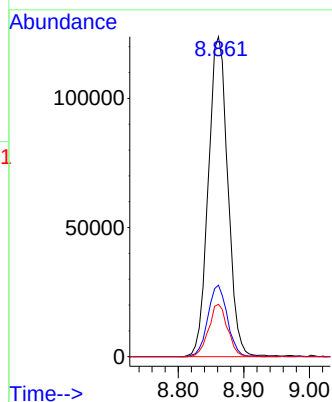
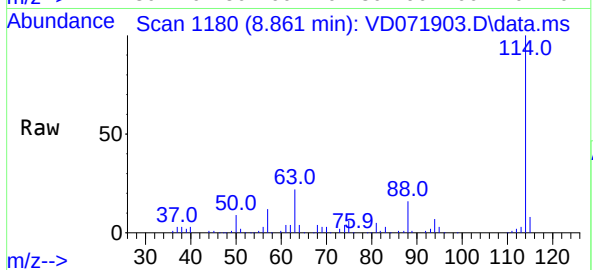




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

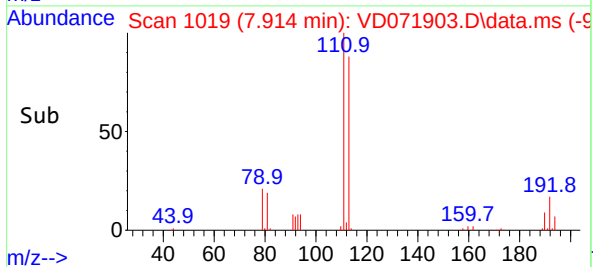
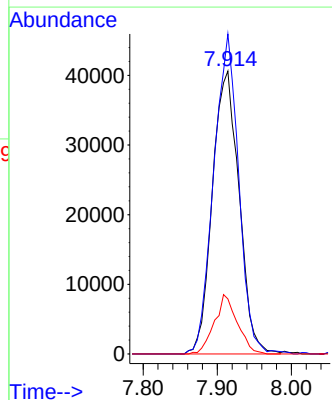
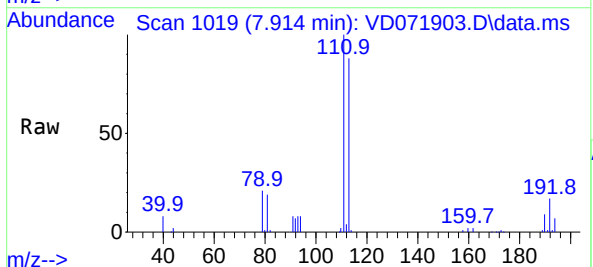
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MSVOA_D
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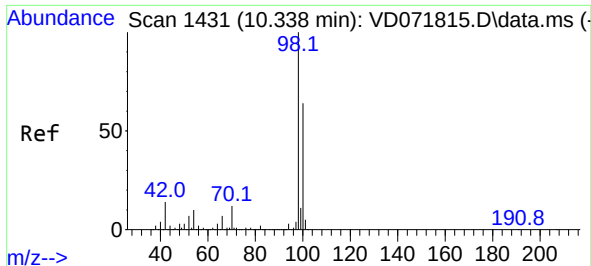
Tgt Ion:114 Resp: 256037
Ion Ratio Lower Upper
114 100
63 22.3 0.0 46.6
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 60.426 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion:113 Resp: 101698
Ion Ratio Lower Upper
113 100
111 106.0 83.8 125.6
192 18.0 14.6 21.8

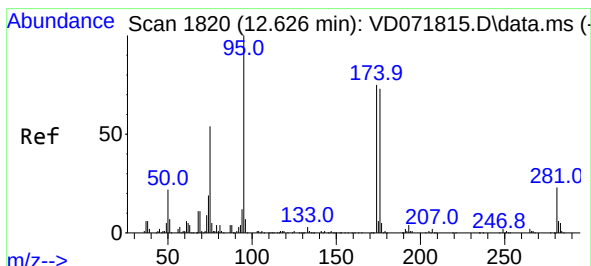
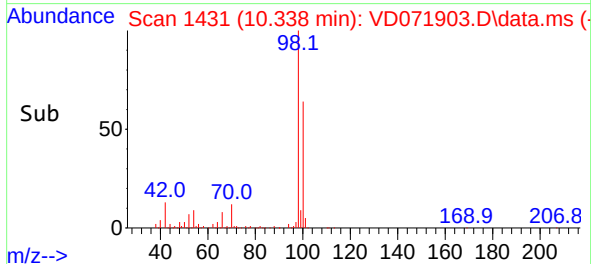
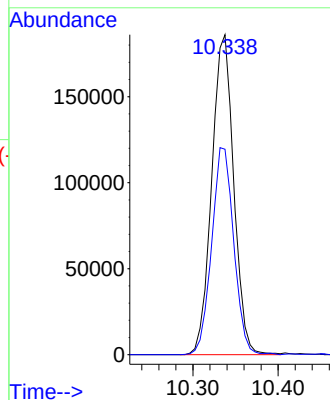
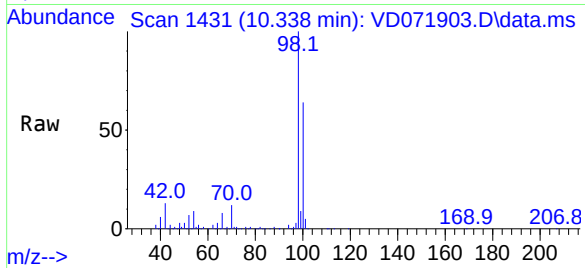




#50
Toluene-d8
Concen: 53.047 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

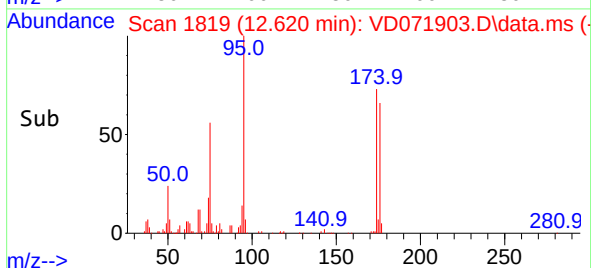
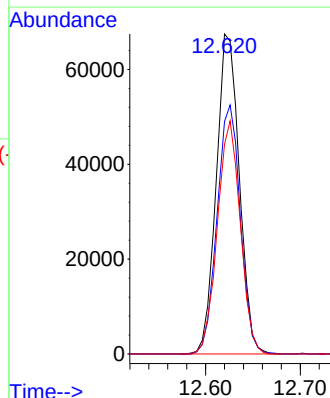
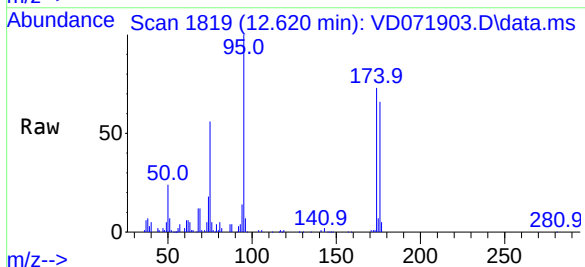
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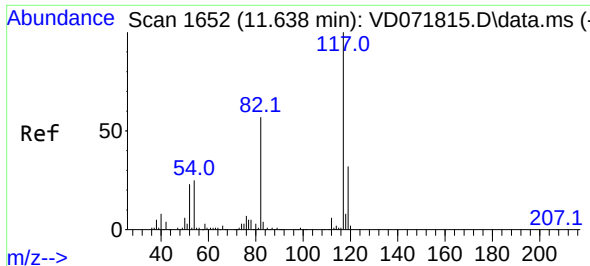
Tgt Ion: 98 Resp: 333428
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.989 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion: 95 Resp: 114113
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 72.4 0.0 145.4

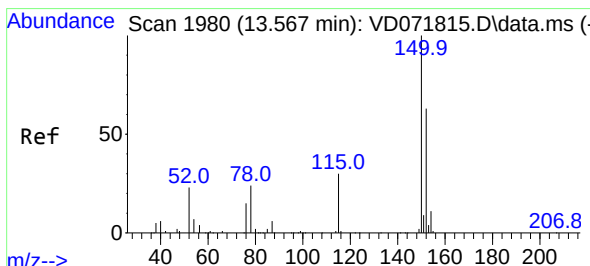
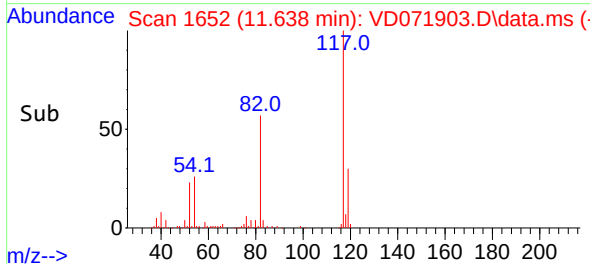
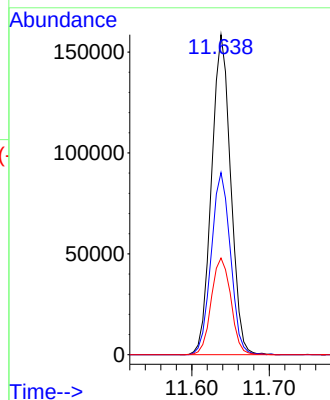
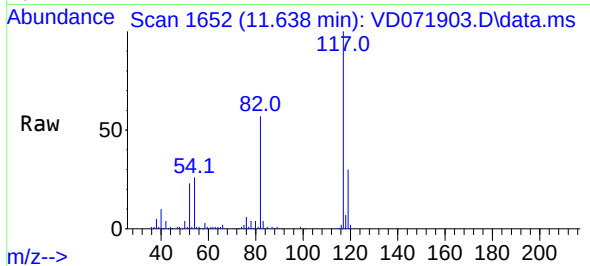




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071903.D
Acq: 04 Feb 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

Tgt Ion:117 Resp: 272575
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 30.2 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: VD071903.D
Acq: 04 Feb 2022 17:21

Tgt Ion:152 Resp: 122182
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 153.6 0.0 348.6

