

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072515.D
 Acq On : 04 Apr 2022 13:34
 Operator : VA/SY
 Sample : N2217-02
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1S

Quant Time: Apr 05 03:19:25 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	211521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	387112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	391909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	178273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	167408	65.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.860%
35) Dibromofluoromethane	7.908	113	145416	48.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.680%
50) Toluene-d8	10.332	98	480293	45.929	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.620	95	169580	41.522	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.040%

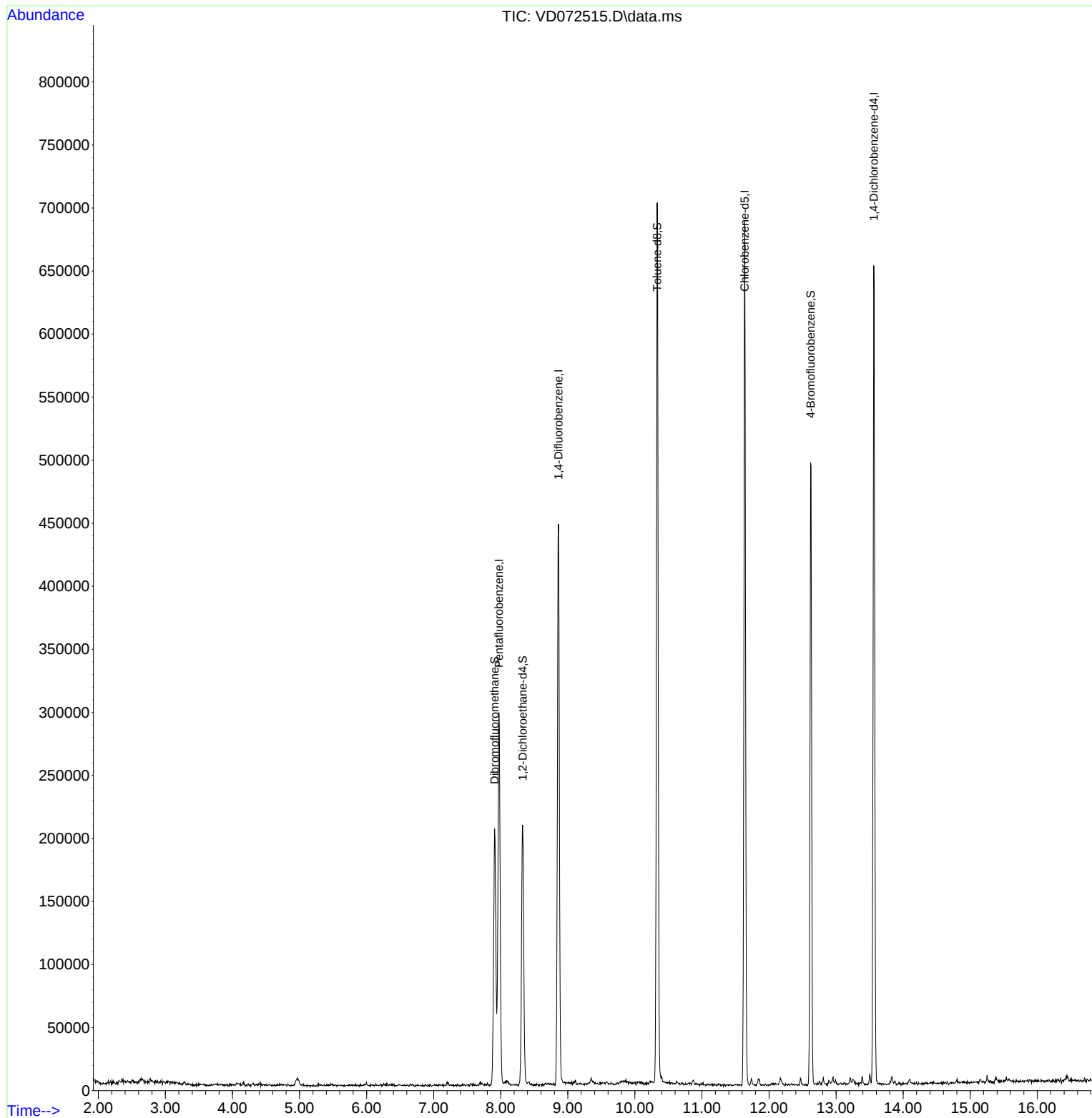
Target Compounds	Qvalue

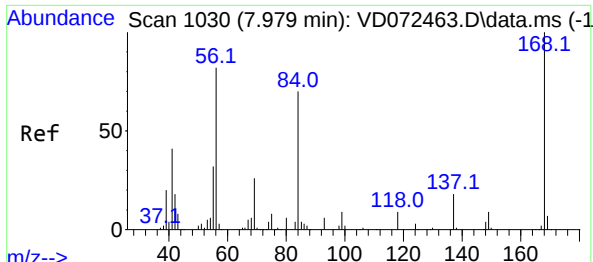
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072515.D

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MSVOA_D

ClientSampleId :

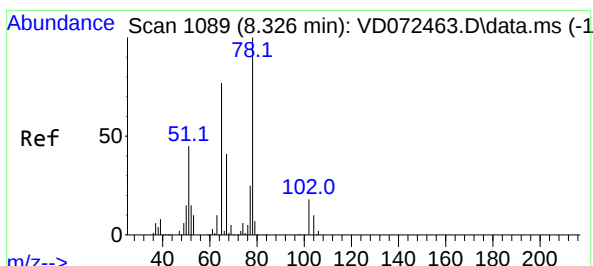
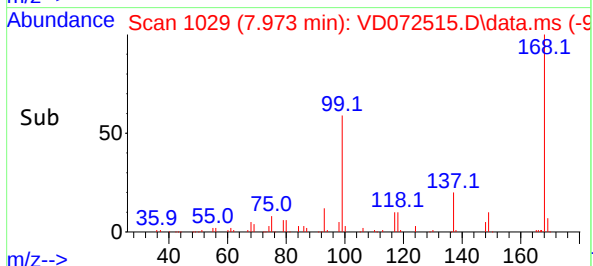
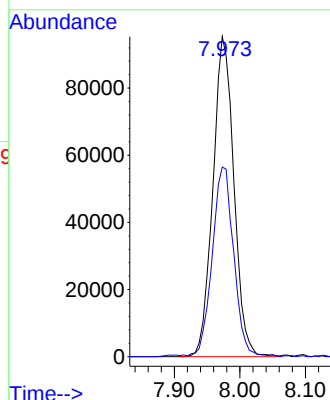
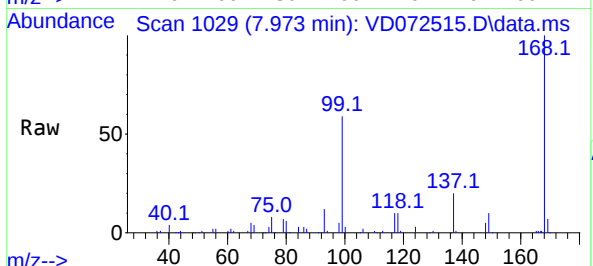
SB-1S

Tgt Ion:168 Resp: 211521

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 65.425 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072515.D

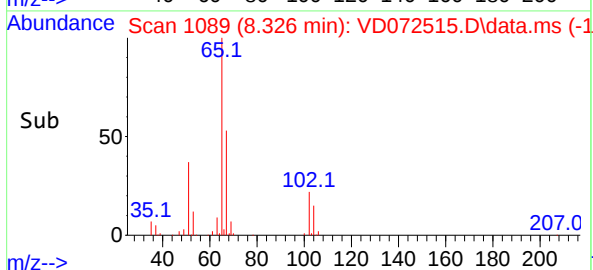
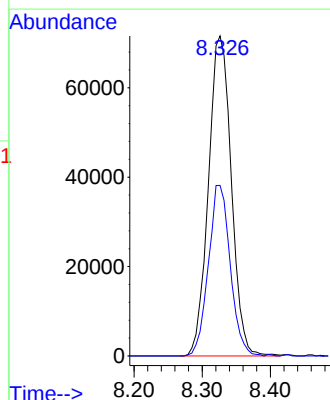
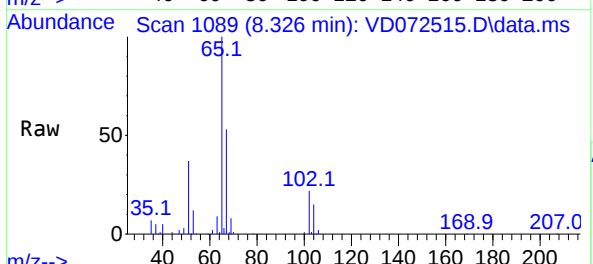
Acq: 04 Apr 2022 13:34

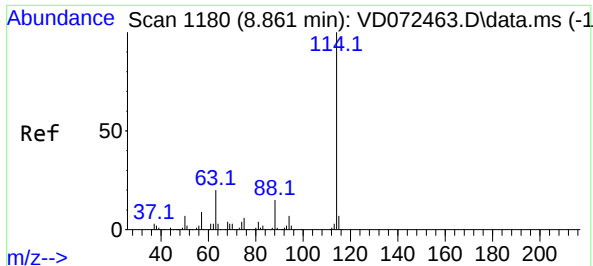
Tgt Ion: 65 Resp: 167408

Ion Ratio Lower Upper

65 100

67 50.8 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: VD072515.D

Acq: 04 Apr 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

SB-1S

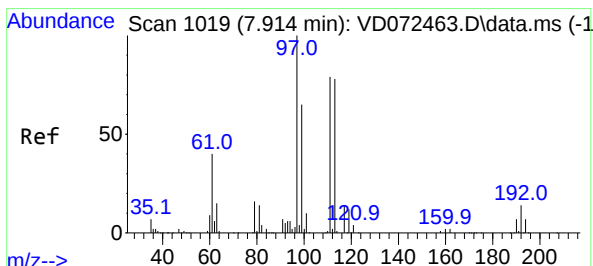
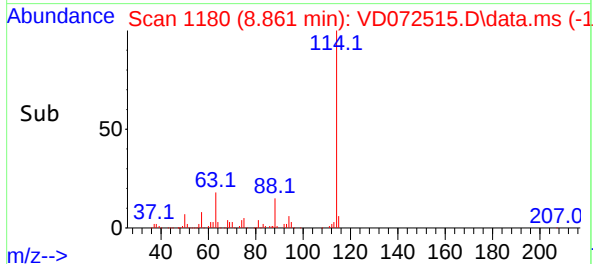
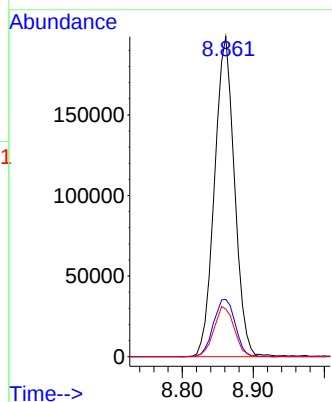
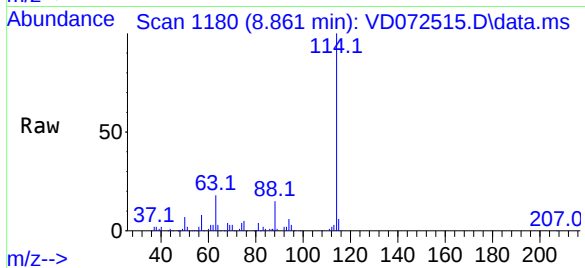
Tgt Ion:114 Resp: 387112

Ion Ratio Lower Upper

114 100

63 17.9 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.337 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072515.D

Acq: 04 Apr 2022 13:34

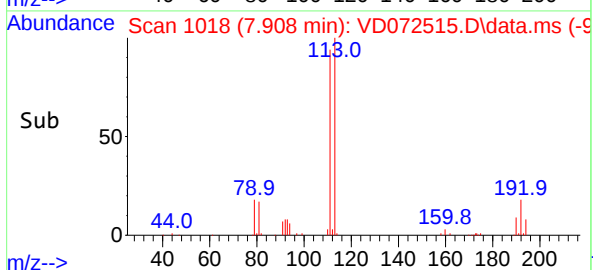
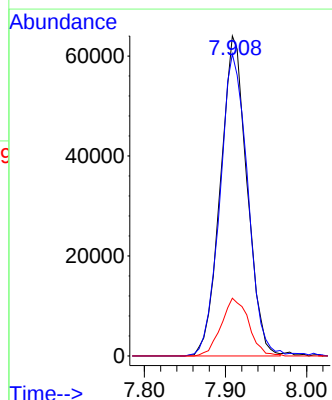
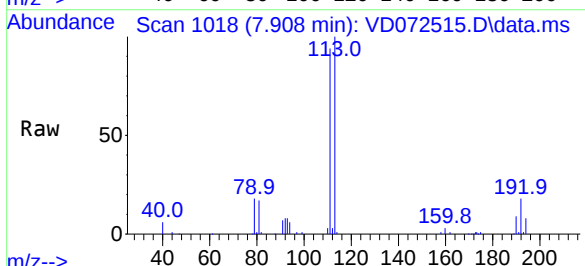
Tgt Ion:113 Resp: 145416

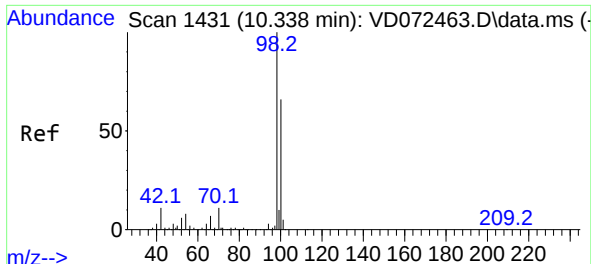
Ion Ratio Lower Upper

113 100

111 98.6 83.8 125.6

192 18.7 14.6 21.8

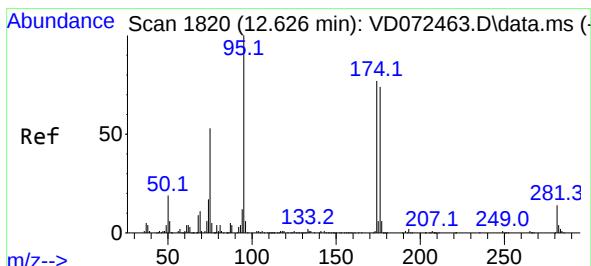
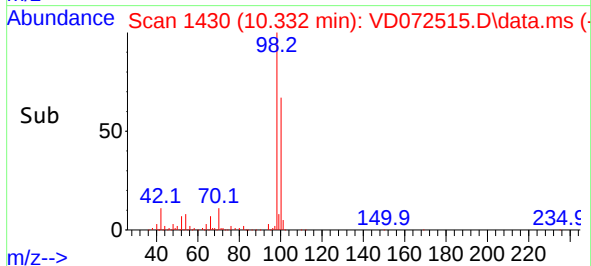
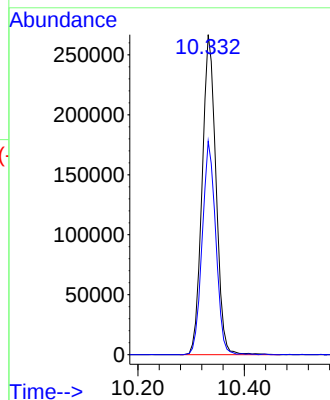
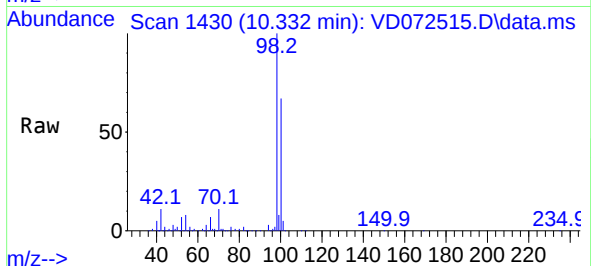




#50
Toluene-d8
Concen: 45.929 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072515.D
Acq: 04 Apr 2022 13:34

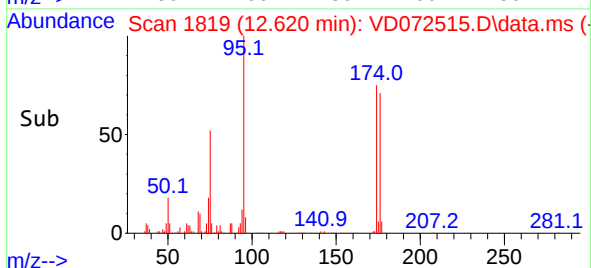
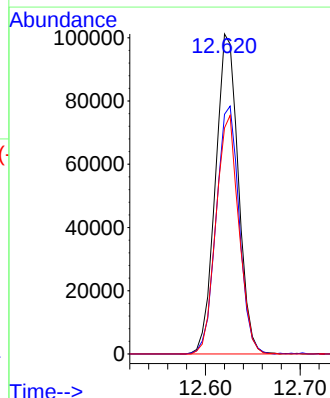
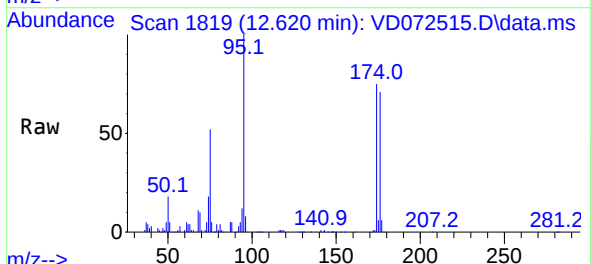
Instrument :
MSVOA_D
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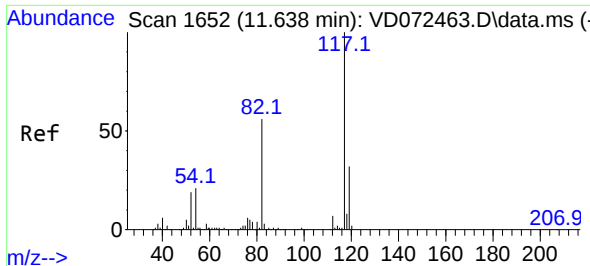
Tgt Ion: 98 Resp: 480293
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.522 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072515.D
Acq: 04 Apr 2022 13:34

Tgt Ion: 95 Resp: 169580
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 74.4 0.0 145.4

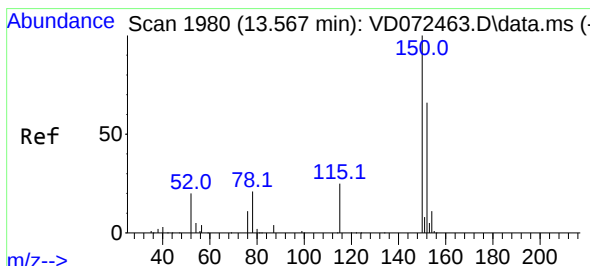
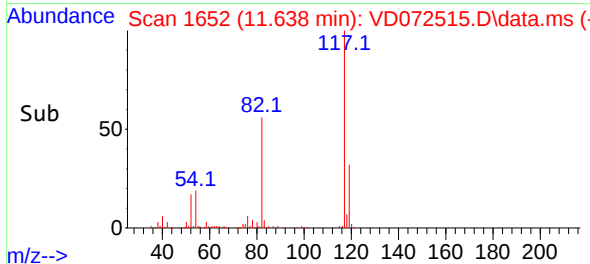
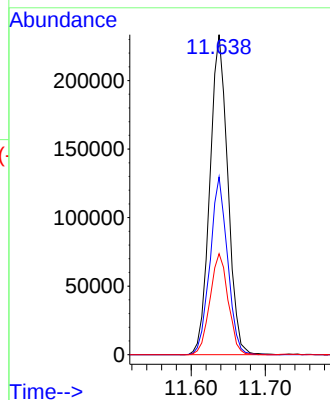
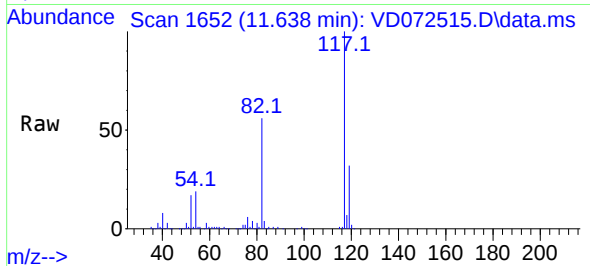




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072515.D
Acq: 04 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
SB-1S

Tgt Ion:117 Resp: 391909
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.5 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: VD072515.D
Acq: 04 Apr 2022 13:34

Tgt Ion:152 Resp: 178273
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 156.3 0.0 348.6

