

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075634.D
 Acq On : 12 Apr 2023 12:13
 Operator : KP/SY
 Sample : VD0412SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBL01

Quant Time: Apr 13 07:24:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	174500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	304408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	123844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88406	61.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.520%
35) Dibromofluoromethane	7.804	113	106804	54.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.480%
50) Toluene-d8	10.269	98	363268	47.037	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.575	95	106462	46.857	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.720%

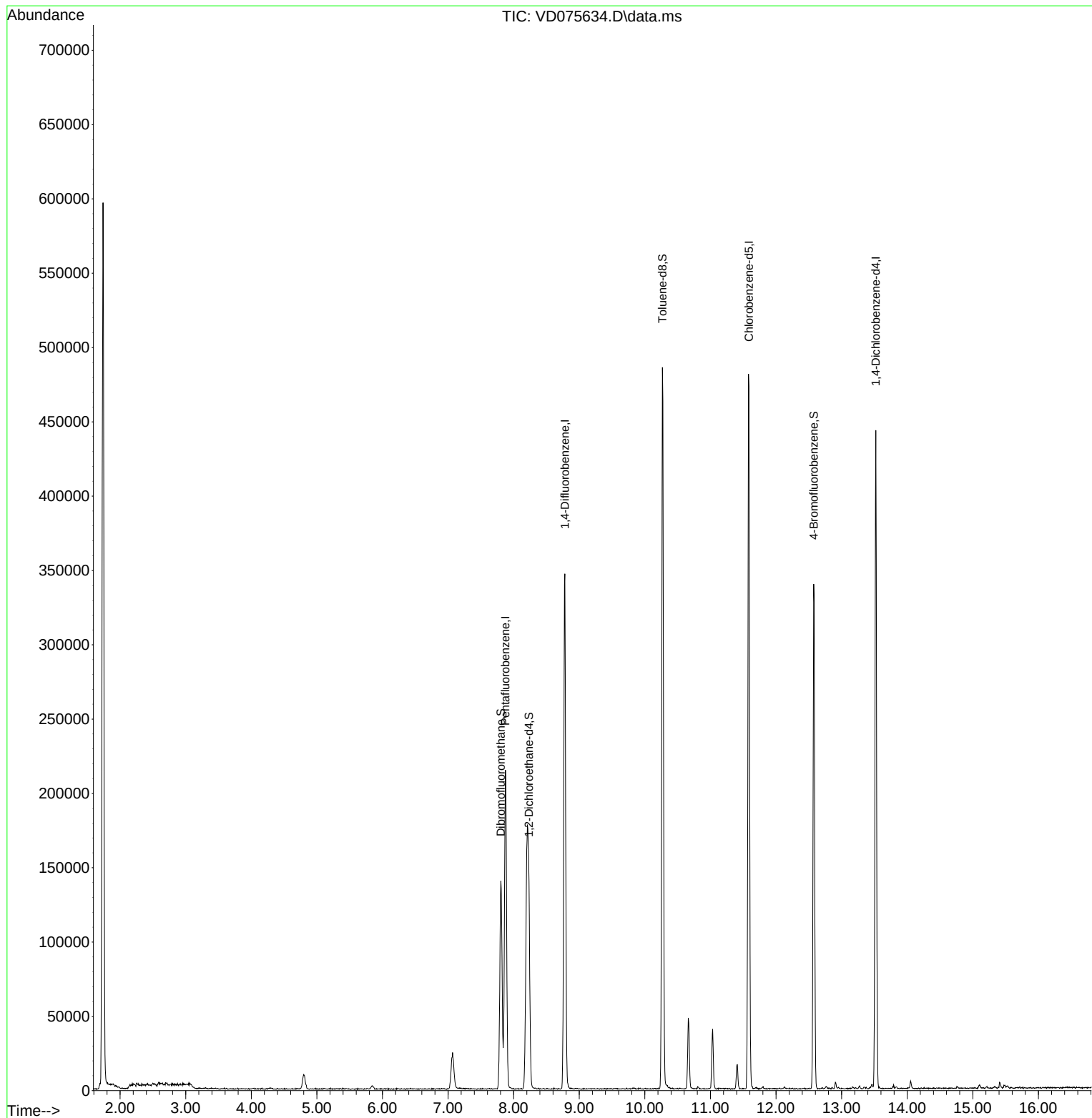
Target Compounds	Qvalue

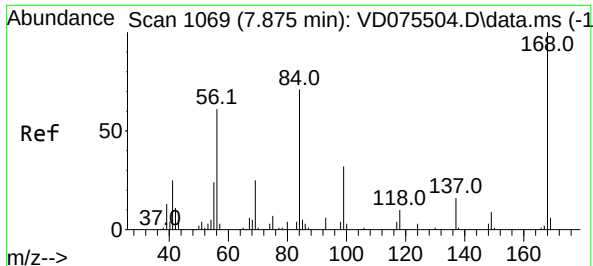
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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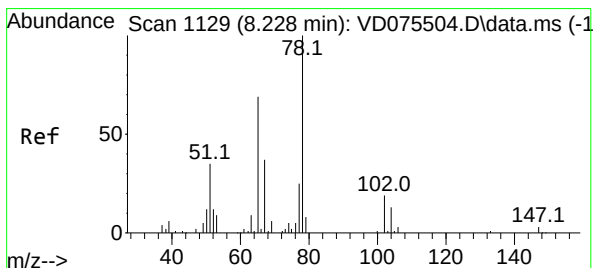
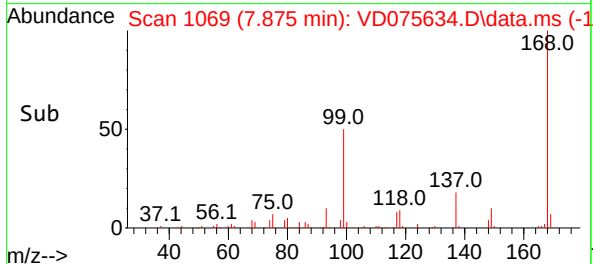
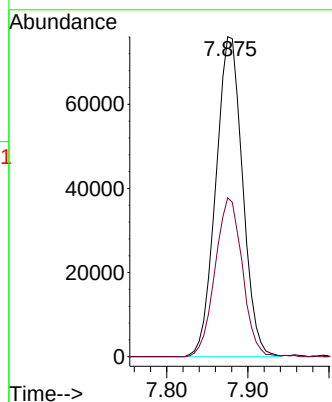
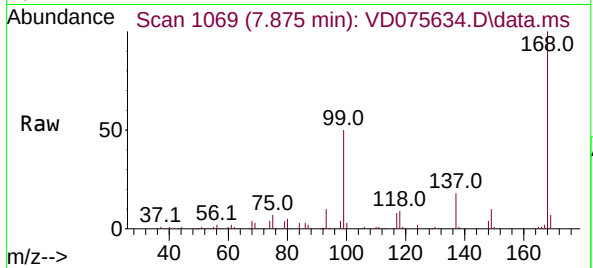




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

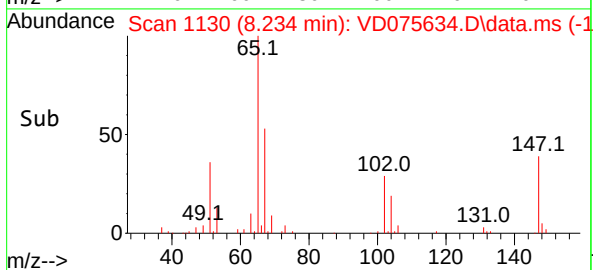
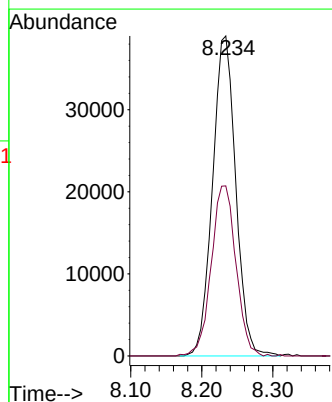
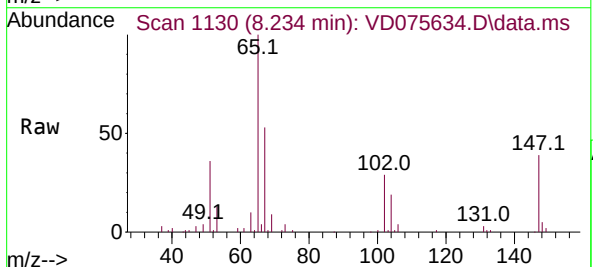
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

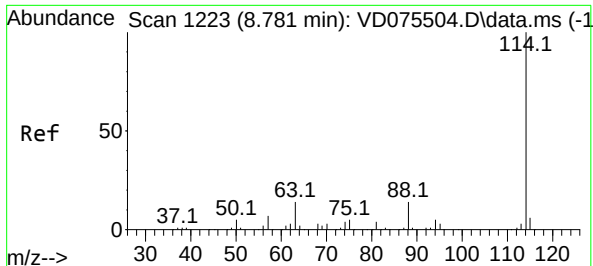
Tgt Ion:168 Resp: 174500
Ion Ratio Lower Upper
168 100
99 49.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 61.757 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion: 65 Resp: 88406
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075634.D

Acq: 12 Apr 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBL01

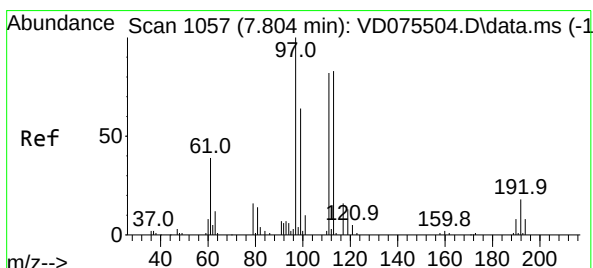
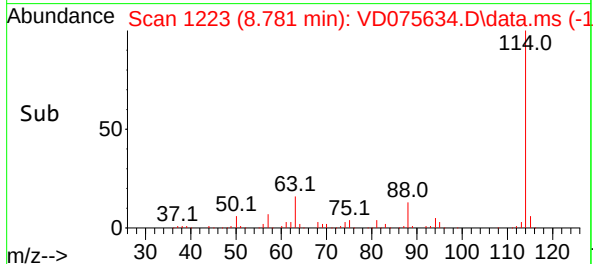
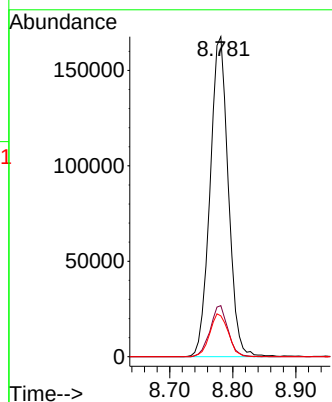
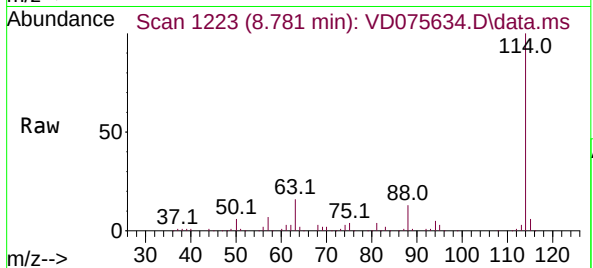
Tgt Ion:114 Resp: 335972

Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 12.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.243 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075634.D

Acq: 12 Apr 2023 12:13

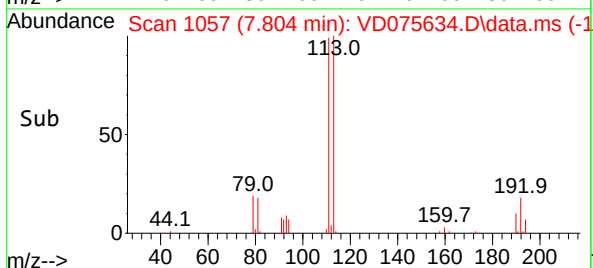
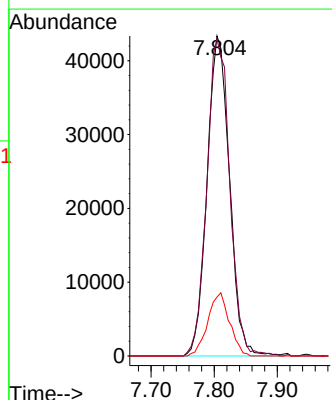
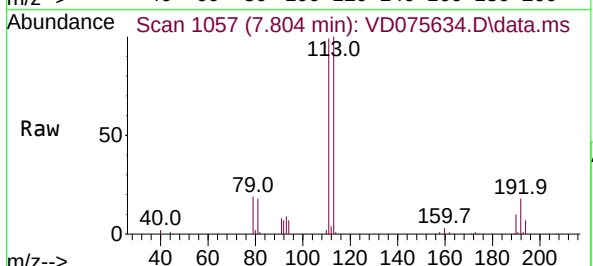
Tgt Ion:113 Resp: 106804

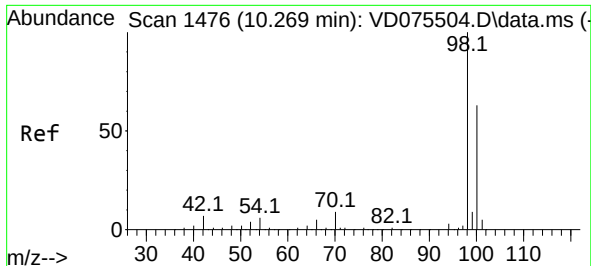
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 19.1 15.2 22.8

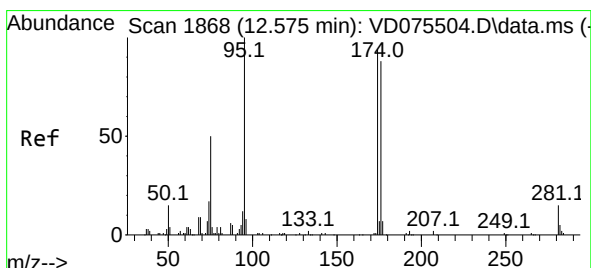
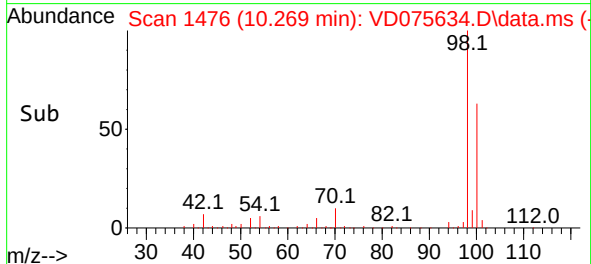
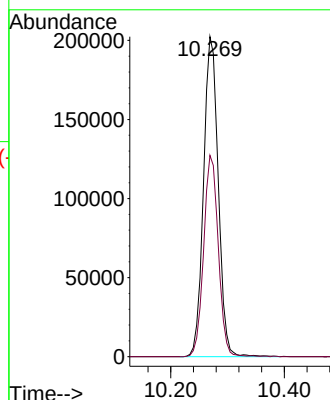
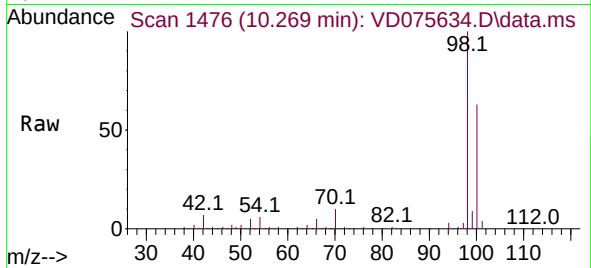




#50
Toluene-d8
Concen: 47.037 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

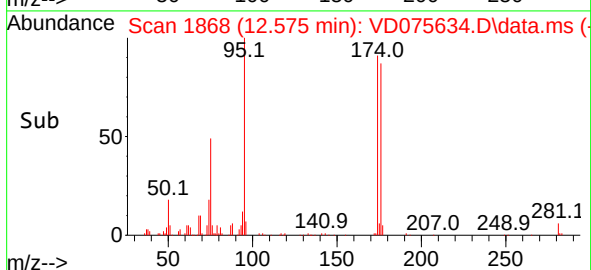
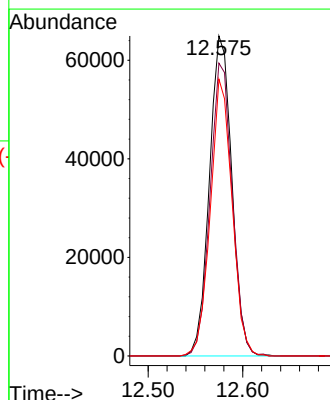
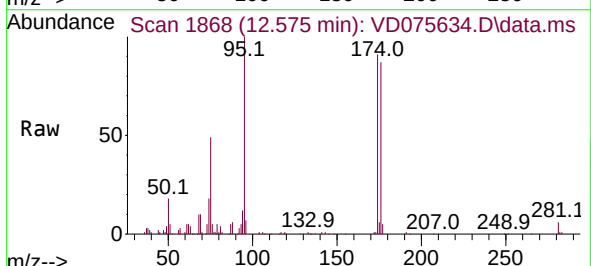
Instrument :
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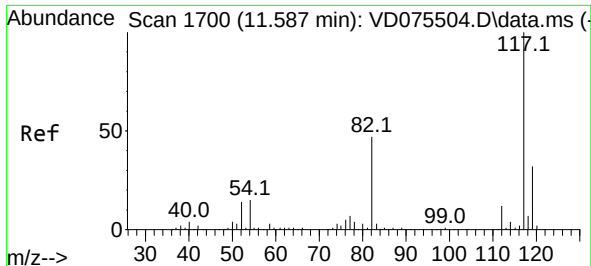
Tgt Ion: 98 Resp: 363268
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.857 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion: 95 Resp: 106462
Ion Ratio Lower Upper
95 100
174 90.9 0.0 164.0
176 84.1 0.0 156.8

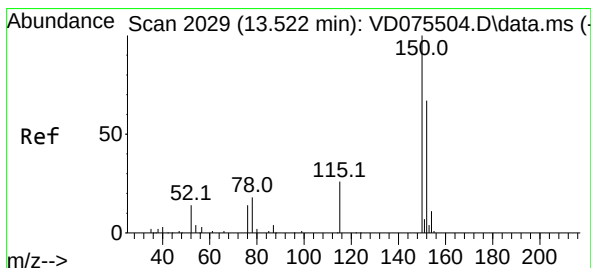
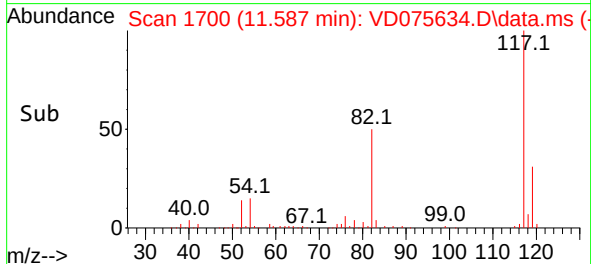
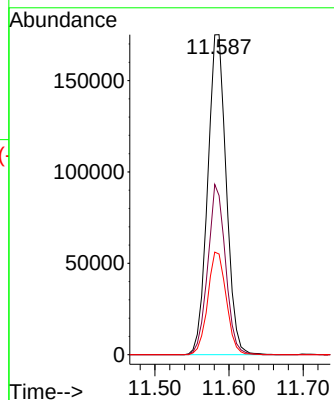
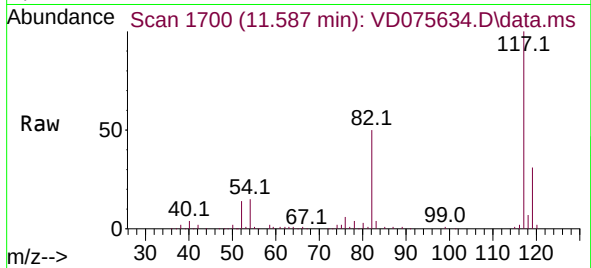




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBL01

Tgt Ion:117 Resp: 304408
Ion Ratio Lower Upper
117 100
82 49.7 44.0 66.0
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075634.D
Acq: 12 Apr 2023 12:13

Tgt Ion:152 Resp: 123844
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 159.5 0.0 364.8

