

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075387.D
 Acq On : 21 Feb 2023 18:12
 Operator : KP/SY
 Sample : 01581-04
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-C

Quant Time: Feb 22 00:53:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	55358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	95549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	84613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37039	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25533	53.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.620%
35) Dibromofluoromethane	7.810	113	26785	47.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.275	98	86737	42.372	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.740%
62) 4-Bromofluorobenzene	12.575	95	28260	41.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.220%

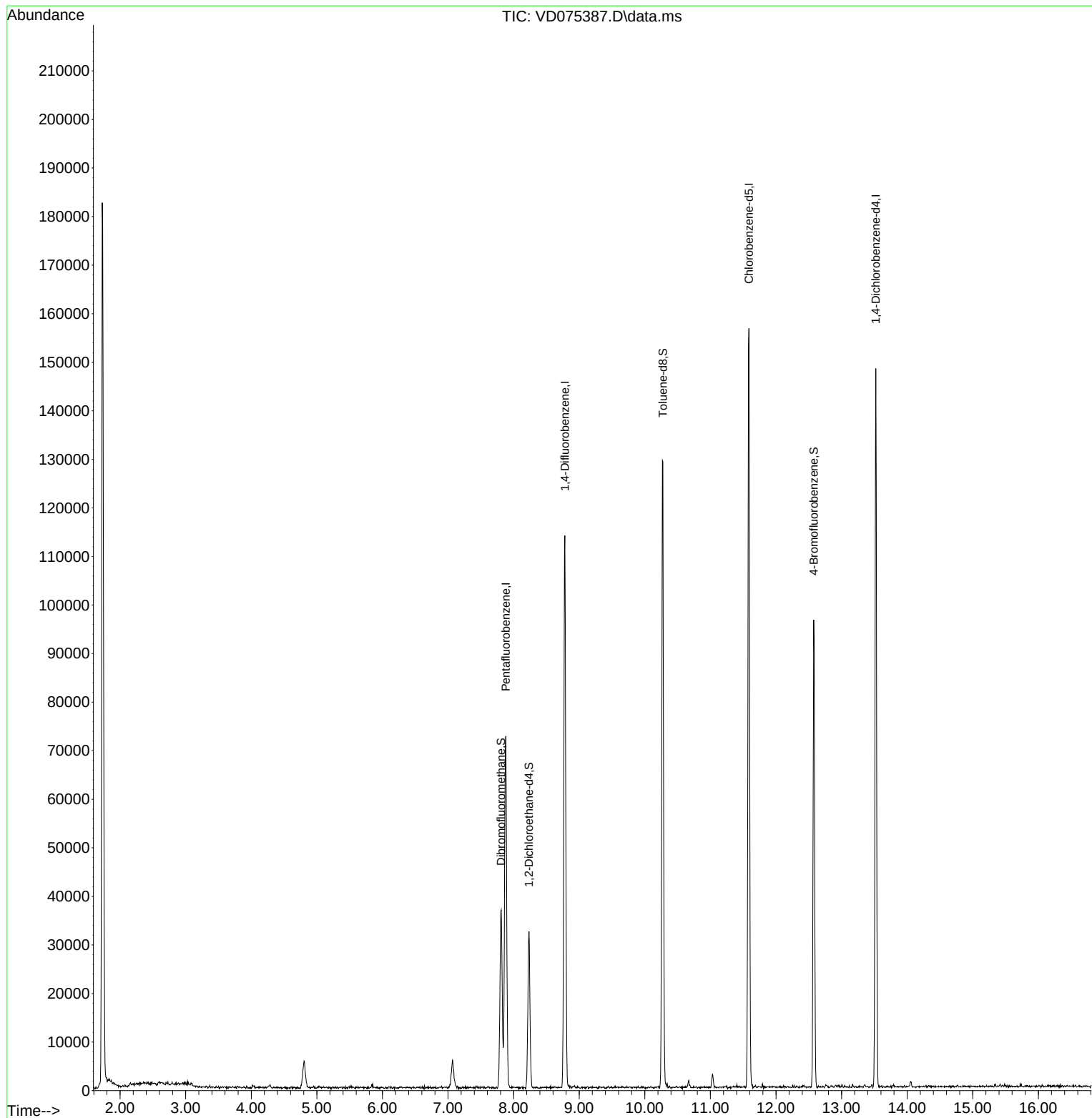
Target Compounds	Qvalue

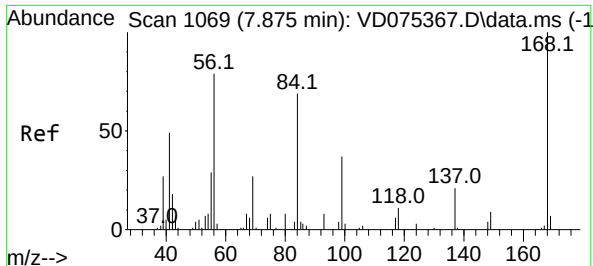
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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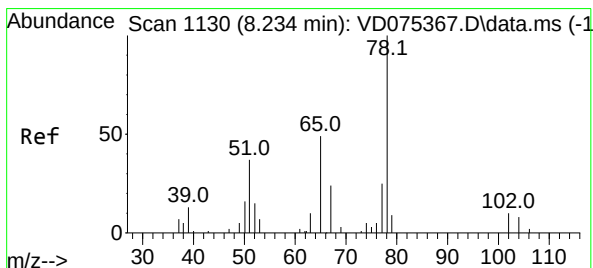
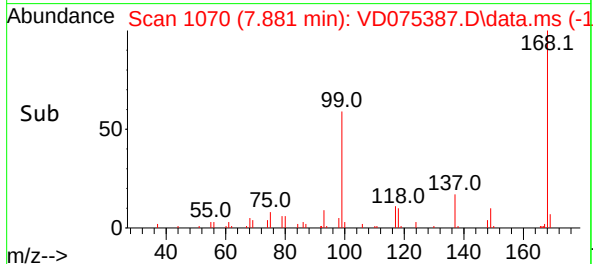
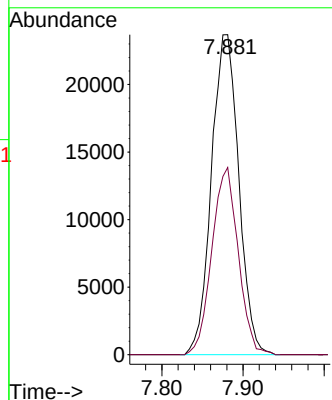
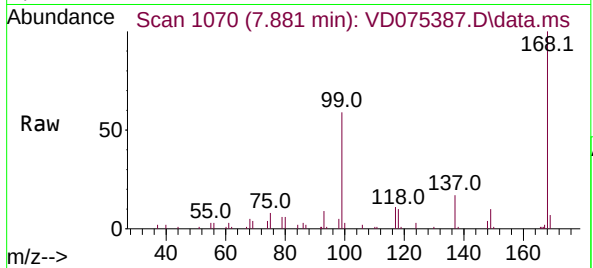




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

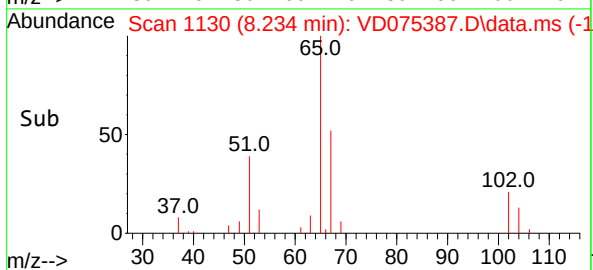
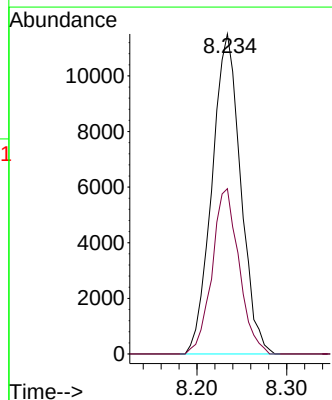
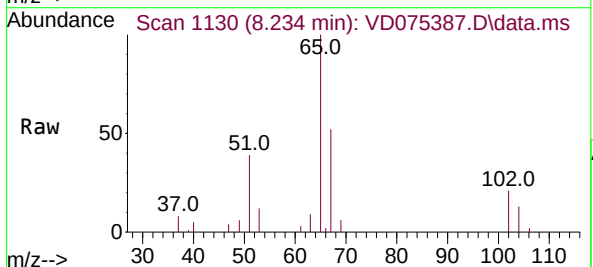
Instrument :
MSVOA_D
ClientSampleId :
MH-C

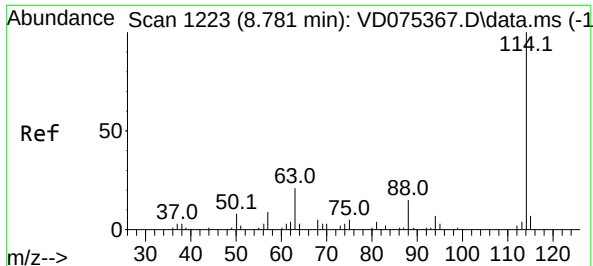
Tgt Ion:168 Resp: 55358
Ion Ratio Lower Upper
168 100
99 58.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 53.809 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

Tgt Ion: 65 Resp: 25533
Ion Ratio Lower Upper
65 100
67 48.5 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: VD075387.D

Acq: 21 Feb 2023 18:12

Instrument :

MSVOA_D

ClientSampleId :

MH-C

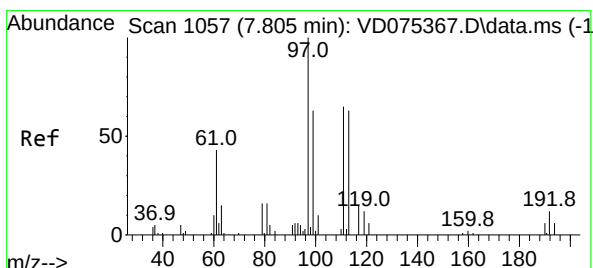
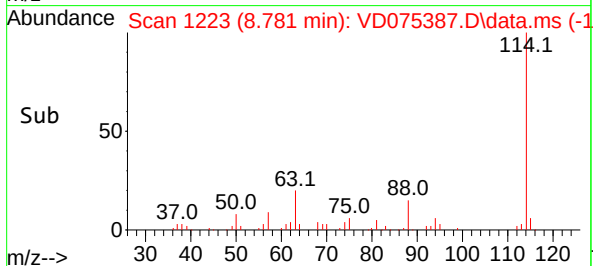
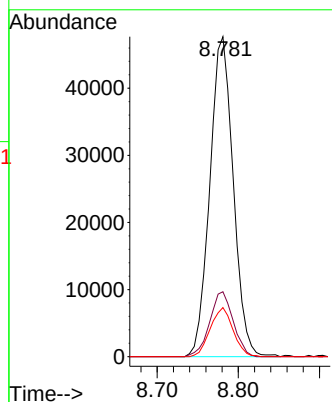
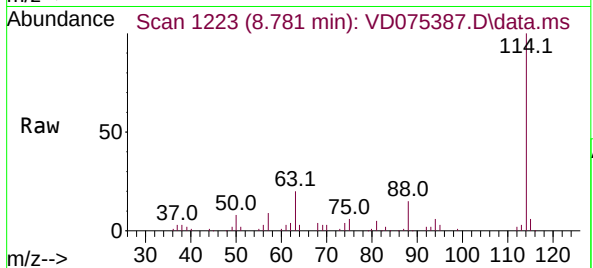
Tgt Ion:114 Resp: 95549

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.221 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075387.D

Acq: 21 Feb 2023 18:12

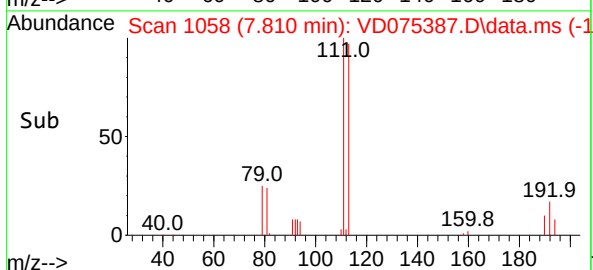
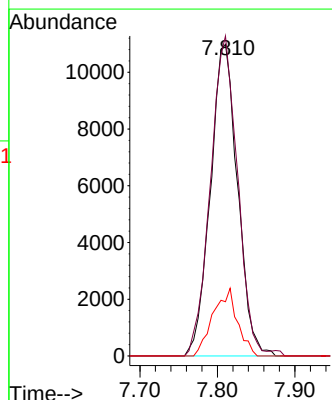
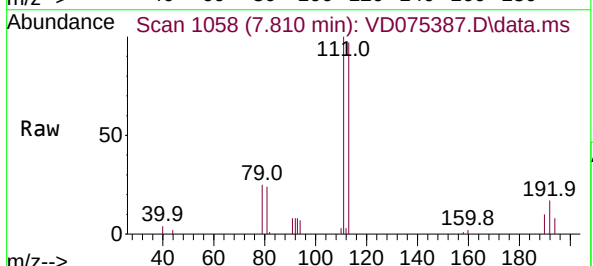
Tgt Ion:113 Resp: 26785

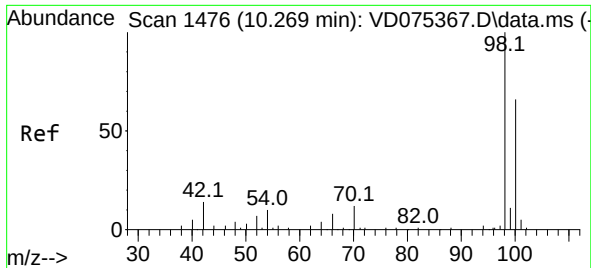
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 19.4 15.2 22.8

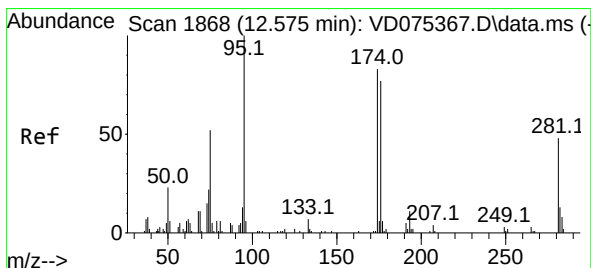
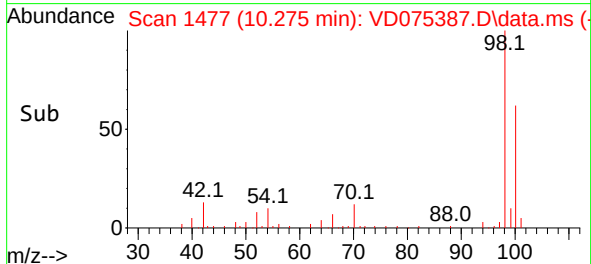
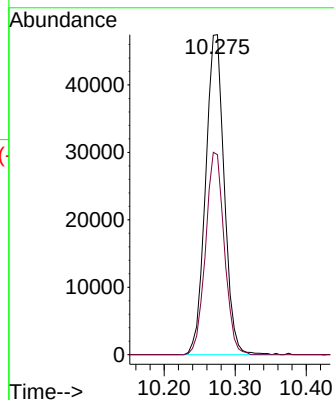
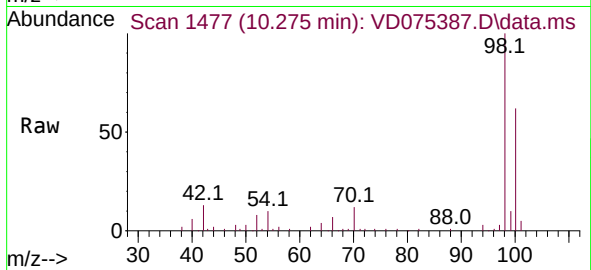




#50
Toluene-d8
Concen: 42.372 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

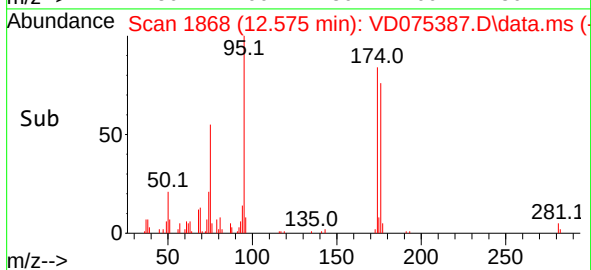
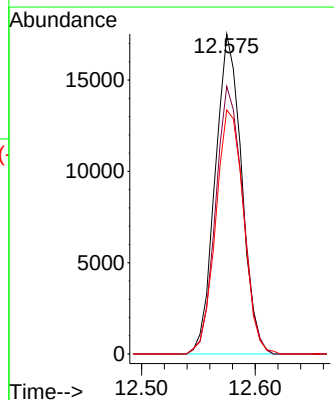
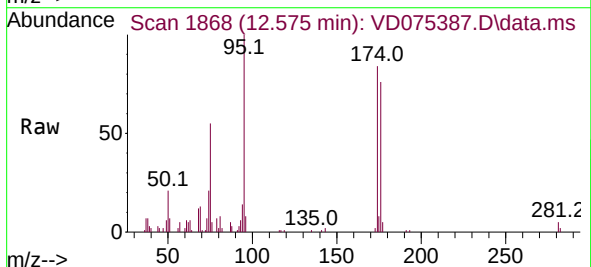
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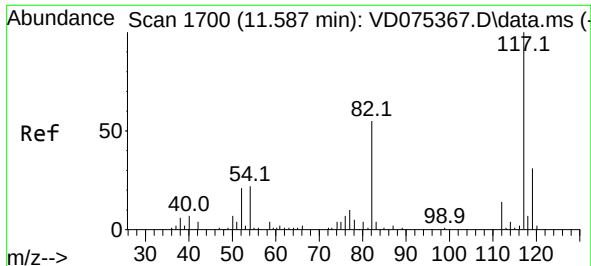
Tgt Ion: 98 Resp: 86737
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.113 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

Tgt Ion: 95 Resp: 28260
Ion Ratio Lower Upper
95 100
174 86.1 0.0 164.0
176 81.0 0.0 156.8

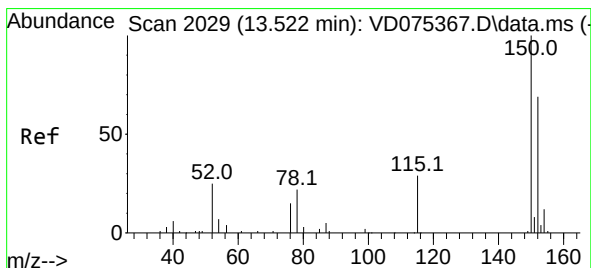
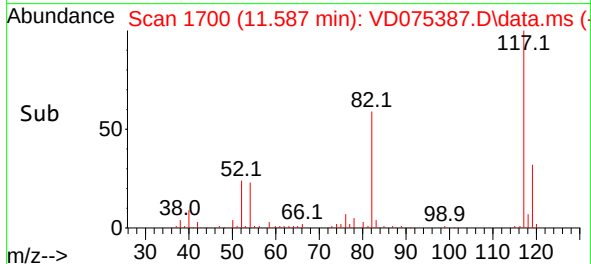
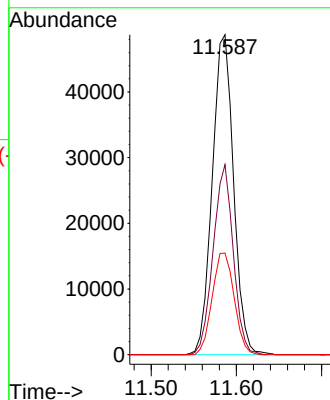
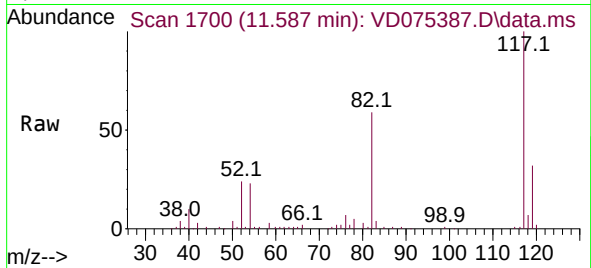




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075387.D
Acq: 21 Feb 2023 18:12

Instrument :
MSVOA_D
ClientSampleId :
MH-C

Tgt Ion:117 Resp: 84613
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.8 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: VD075387.D
Acq: 21 Feb 2023 18:12

Tgt Ion:152 Resp: 37039
Ion Ratio Lower Upper
152 100
115 57.4 30.1 90.3
150 153.6 0.0 364.8

