

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075325.D
 Acq On : 13 Feb 2023 13:58
 Operator : KP/SY
 Sample : 01529-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Feb 14 01:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	66468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	115438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	118184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	50346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33249	42.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.320%
35) Dibromofluoromethane	7.805	113	36904	45.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.269	98	147312	47.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.575	95	48441	47.857	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.720%

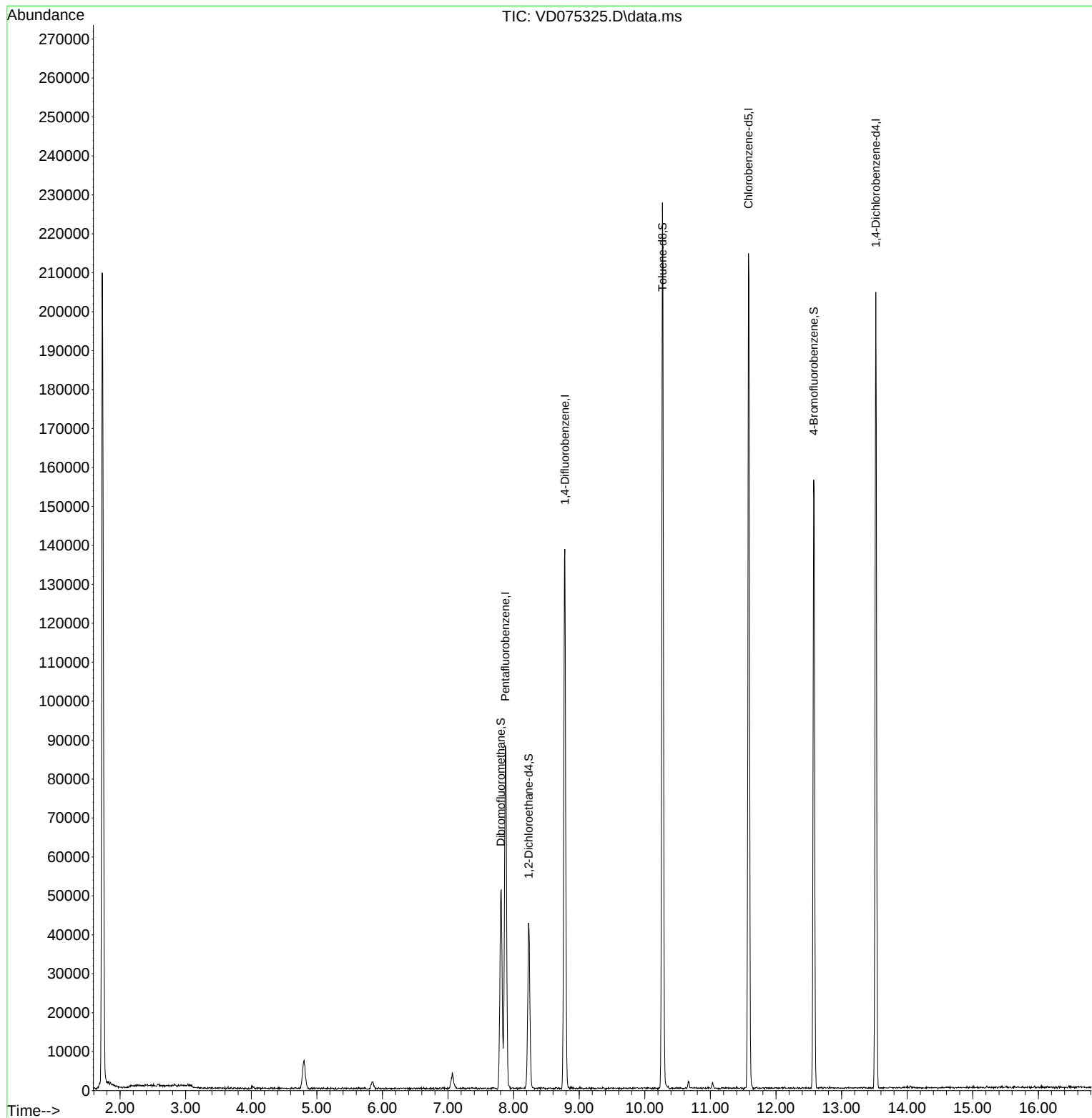
Target Compounds	Qvalue

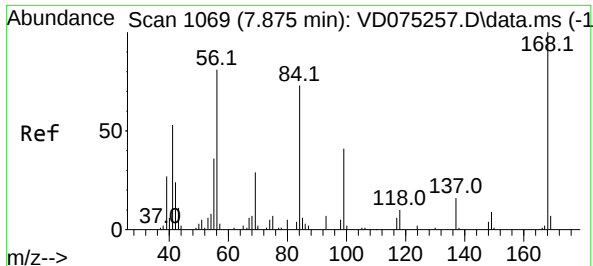
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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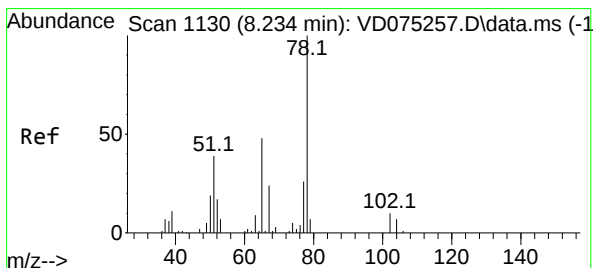
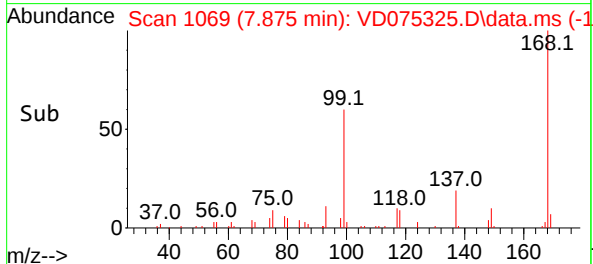
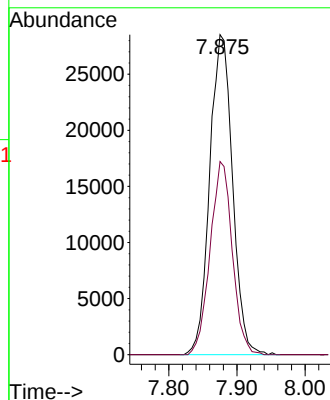
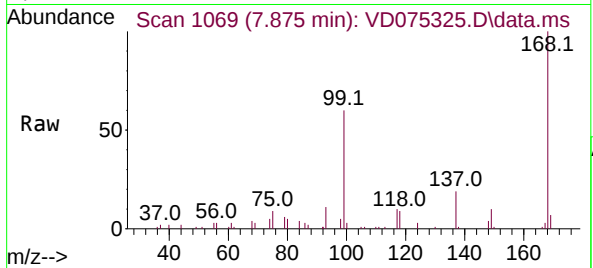




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

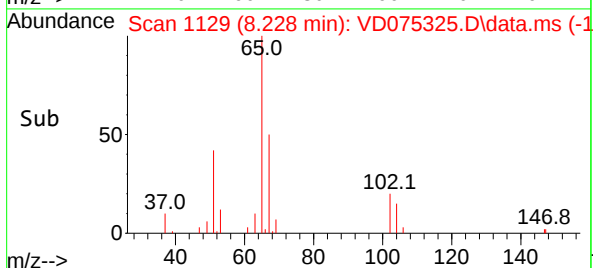
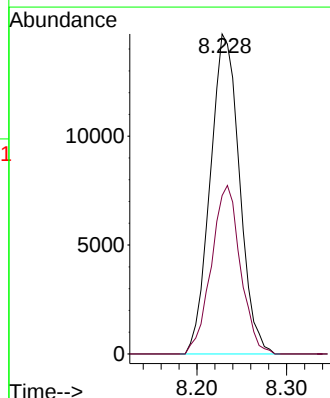
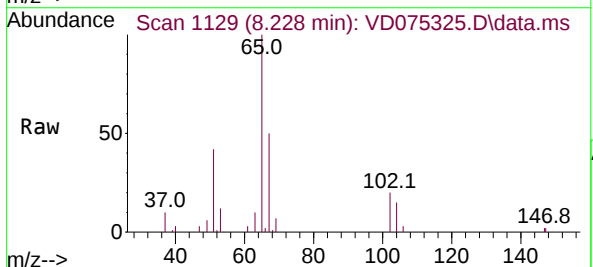
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

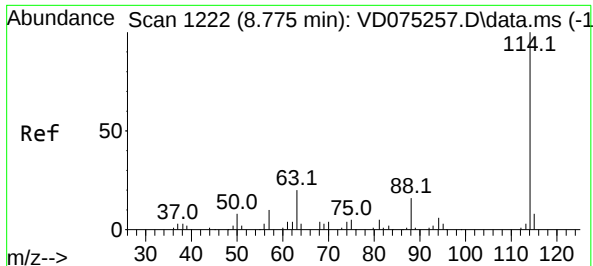
Tgt Ion:168 Resp: 66468
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 42.660 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Tgt Ion: 65 Resp: 33249
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075325.D

Acq: 13 Feb 2023 13:58

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

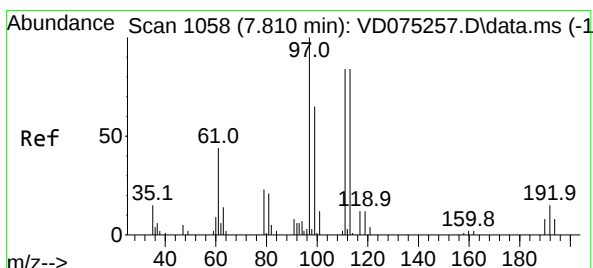
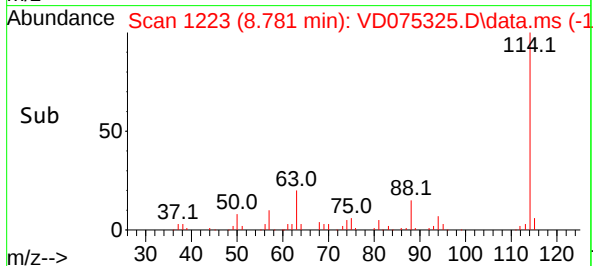
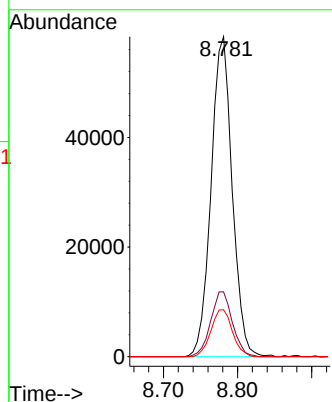
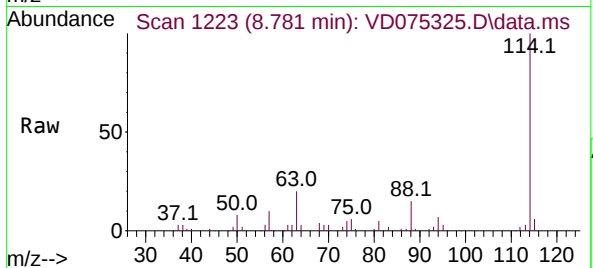
Tgt Ion:114 Resp: 115438

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.592 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075325.D

Acq: 13 Feb 2023 13:58

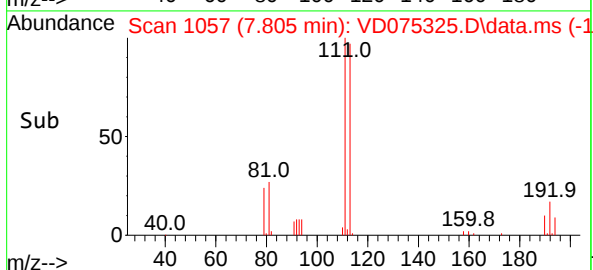
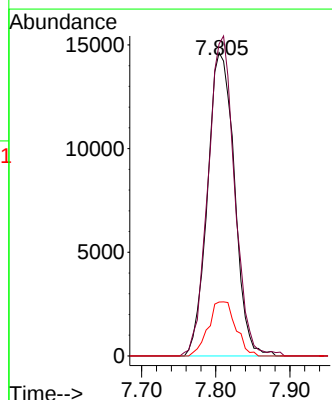
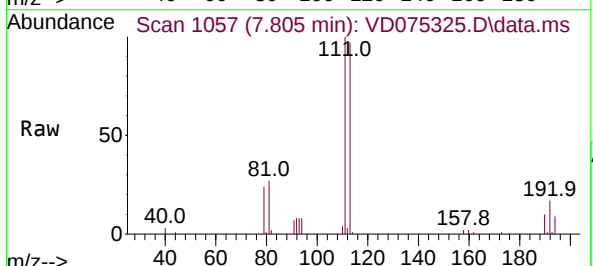
Tgt Ion:113 Resp: 36904

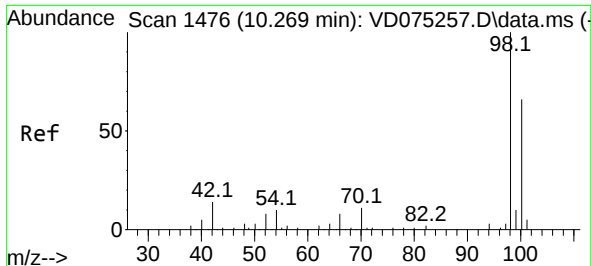
Ion Ratio Lower Upper

113 100

111 103.8 80.1 120.1

192 18.1 15.4 23.0

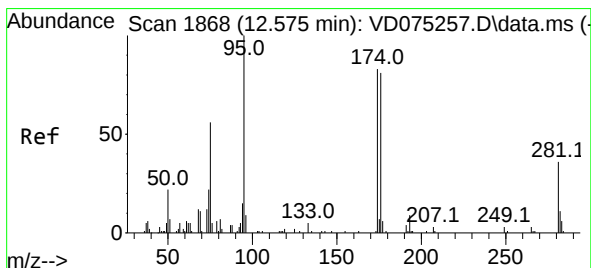
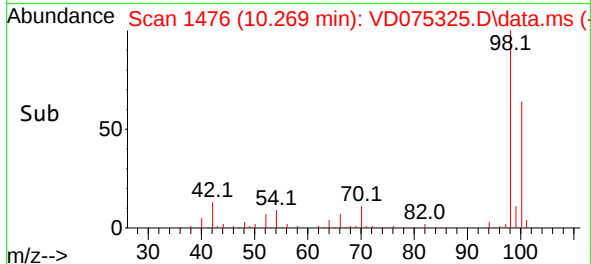
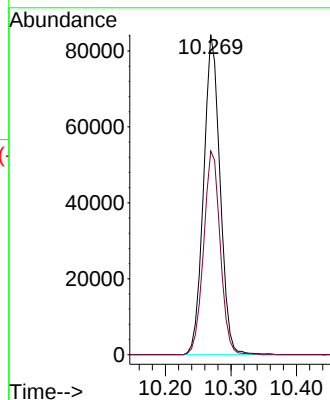
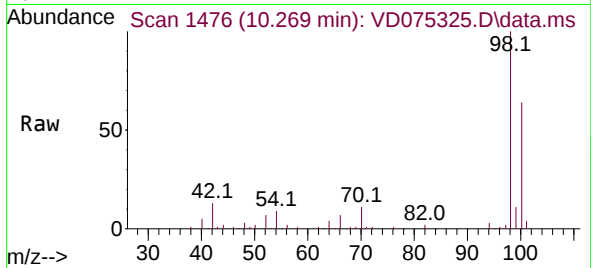




#50
Toluene-d8
Concen: 47.989 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

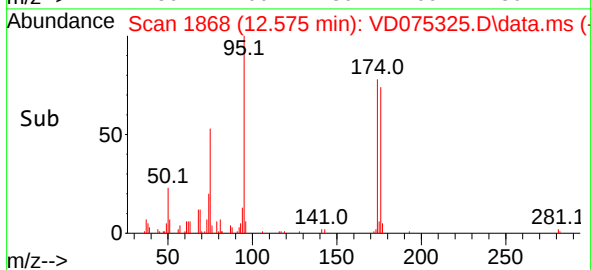
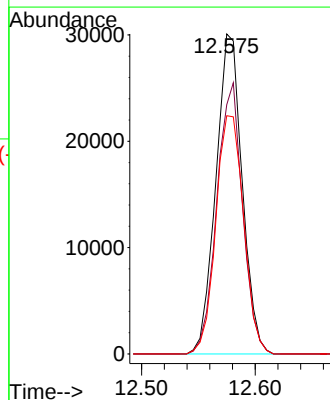
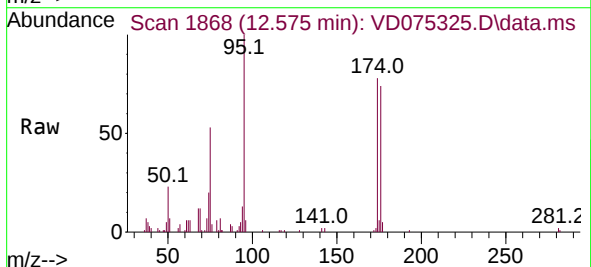
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MSVOA_D
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SB-01-0-2.0

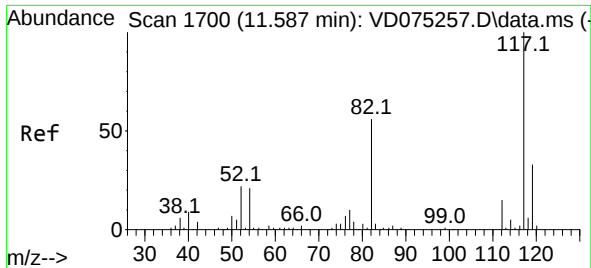
Tgt Ion: 98 Resp: 147312
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.857 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Tgt Ion: 95 Resp: 48441
Ion Ratio Lower Upper
95 100
174 82.8 0.0 161.2
176 78.8 0.0 160.2

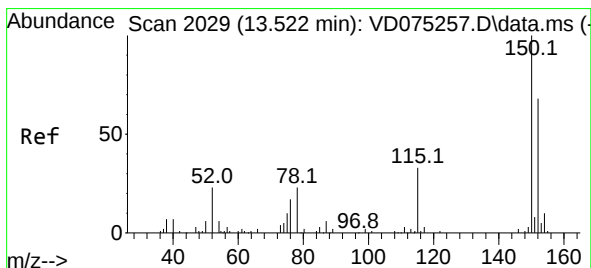
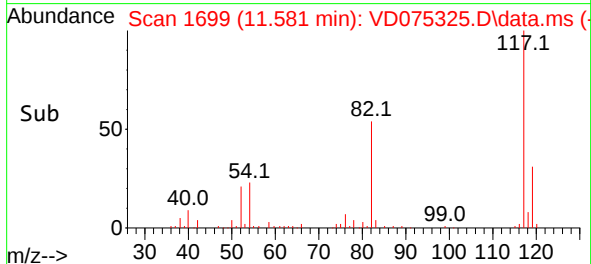
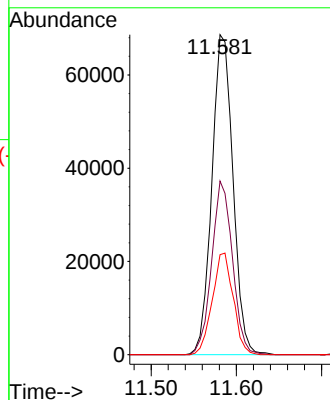
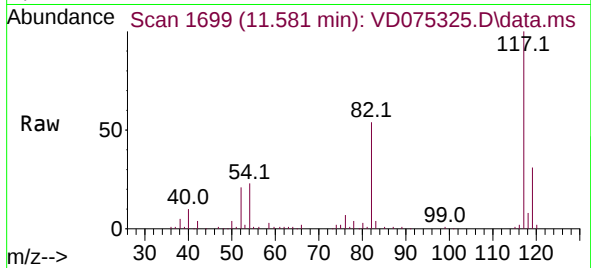




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

Tgt Ion:117 Resp: 118184
Ion Ratio Lower Upper
117 100
82 54.2 39.6 59.4
119 31.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075325.D
Acq: 13 Feb 2023 13:58

Tgt Ion:152 Resp: 50346
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.4
150 156.8 0.0 348.6

