

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075748.D
 Acq On : 19 Apr 2023 14:50
 Operator : KP/SY
 Sample : 02270-22
 Misc : 4.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15-0-2-20230412

Quant Time: Apr 20 06:00:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	5371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	10627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	13283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5517	108.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	216.440%#
35) Dibromofluoromethane	7.816	113	4450	62.258	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.520%
50) Toluene-d8	10.275	98	12137	42.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.800%
62) 4-Bromofluorobenzene	12.575	95	3943	51.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.660%

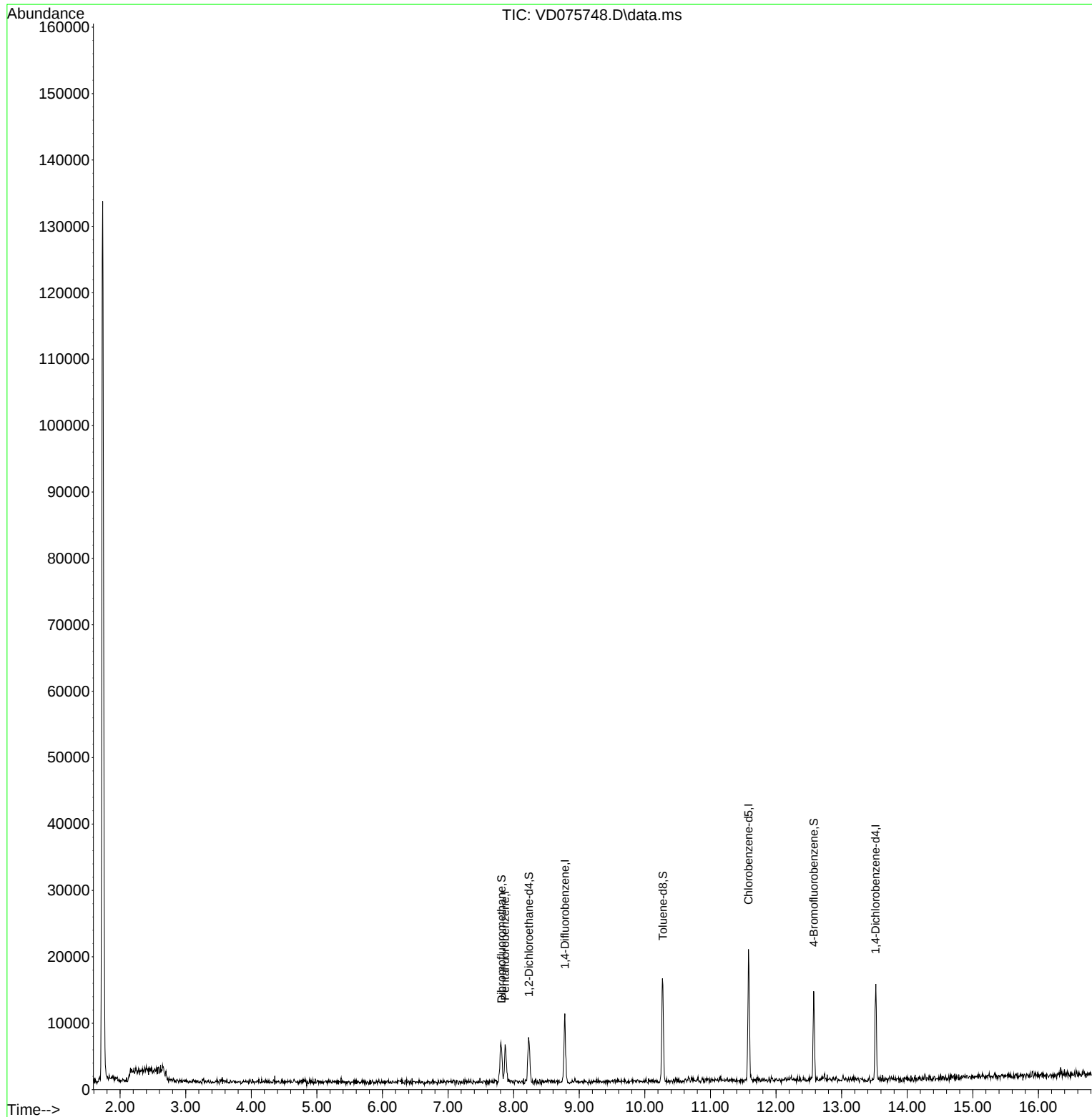
Target Compounds	Qvalue

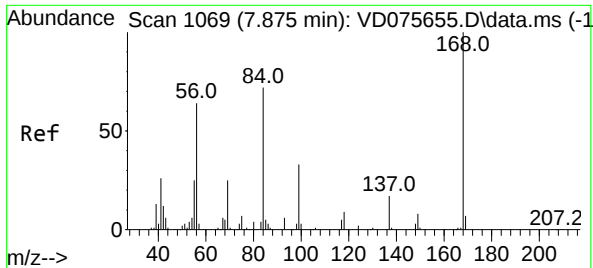
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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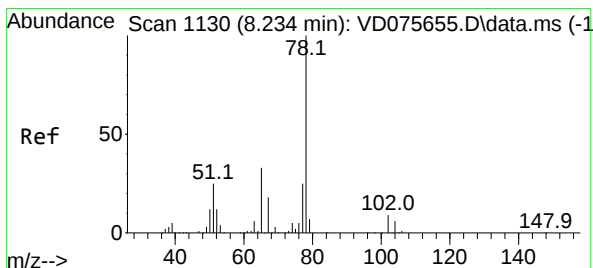
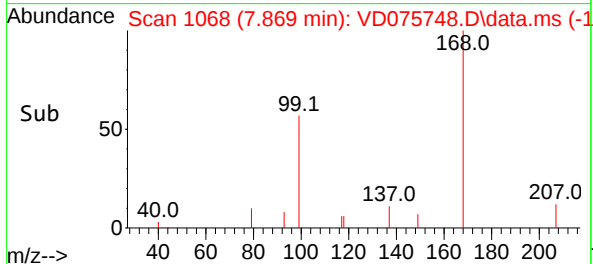
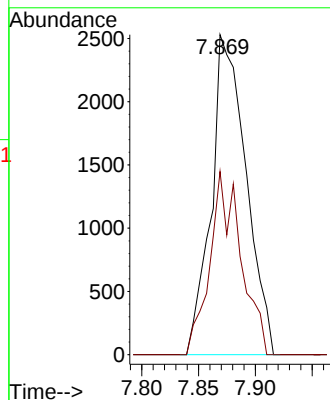
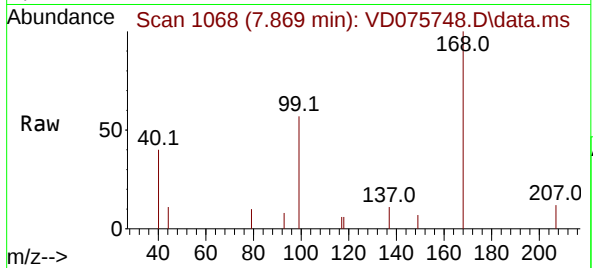




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

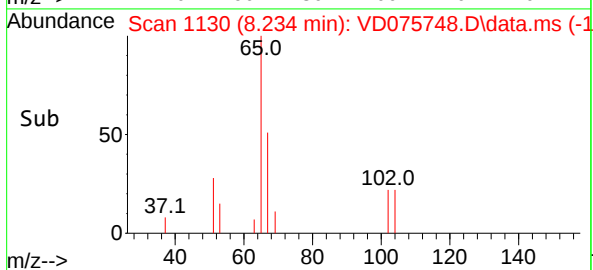
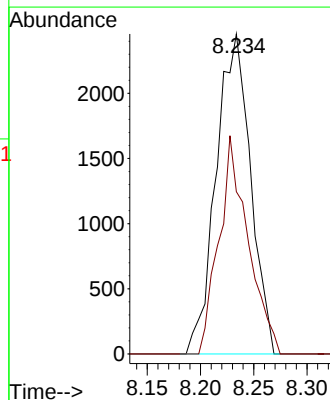
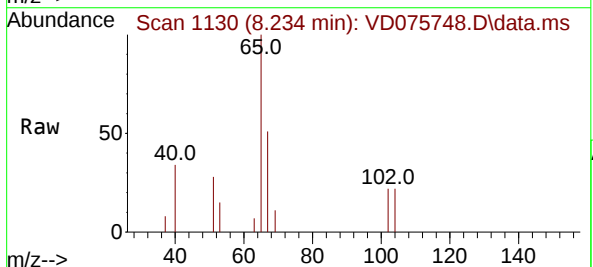
Instrument :
MSVOA_D
ClientSampleId :
SB-15-0-2-20230412

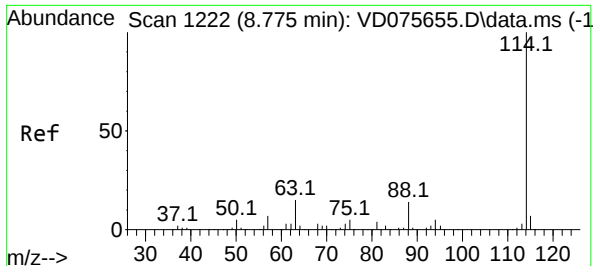
Tgt Ion:168 Resp: 5371
Ion Ratio Lower Upper
168 100
99 57.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 108.216 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Tgt Ion: 65 Resp: 5517
Ion Ratio Lower Upper
65 100
67 57.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075748.D

Acq: 19 Apr 2023 14:50

Instrument :

MSVOA_D

ClientSampleId :

SB-15-0-2-20230412

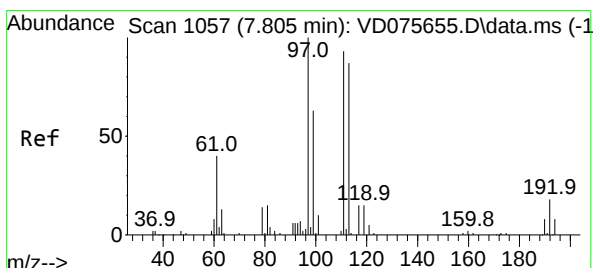
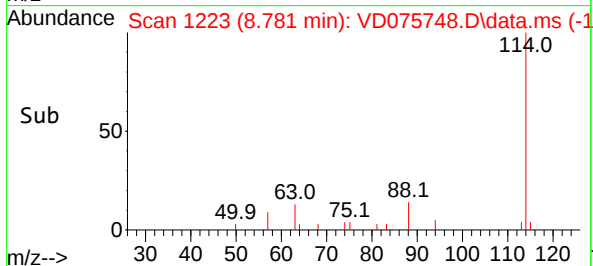
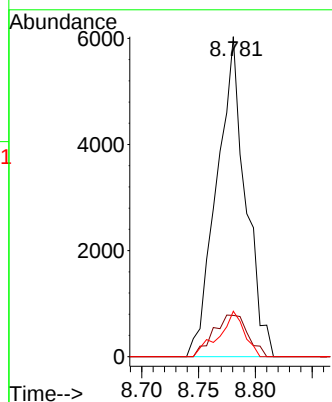
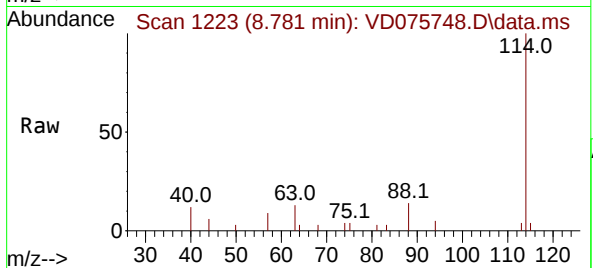
Tgt Ion:114 Resp: 10627

Ion Ratio Lower Upper

114 100

63 12.9 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 62.258 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.011 min

Lab File: VD075748.D

Acq: 19 Apr 2023 14:50

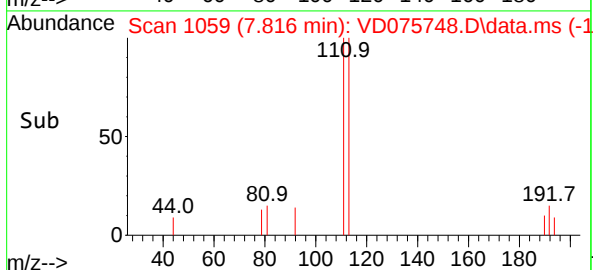
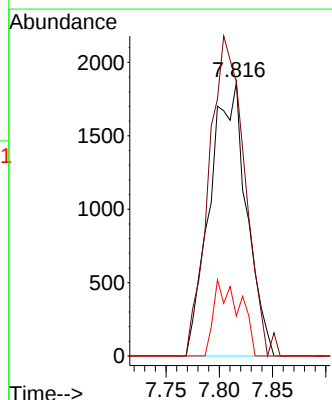
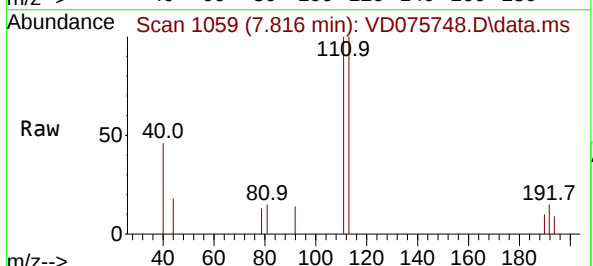
Tgt Ion:113 Resp: 4450

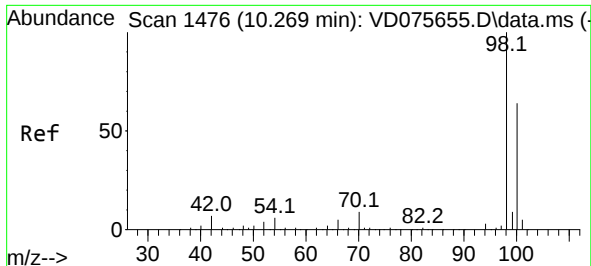
Ion Ratio Lower Upper

113 100

111 114.6 81.4 122.0

192 19.8 15.2 22.8

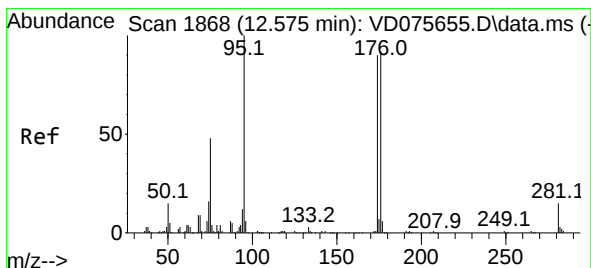
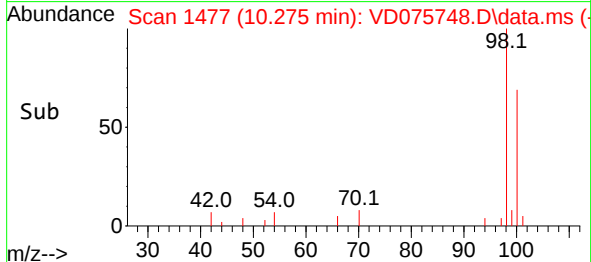
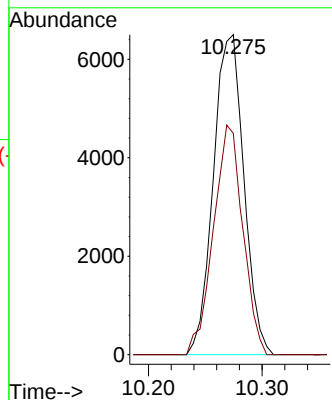
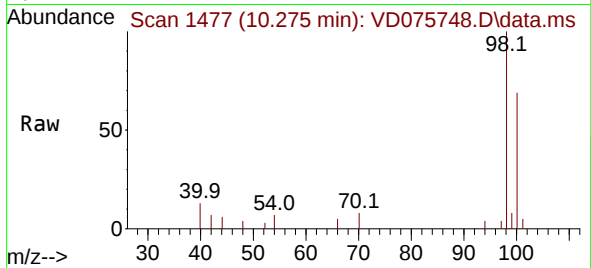




#50
Toluene-d8
Concen: 42.402 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

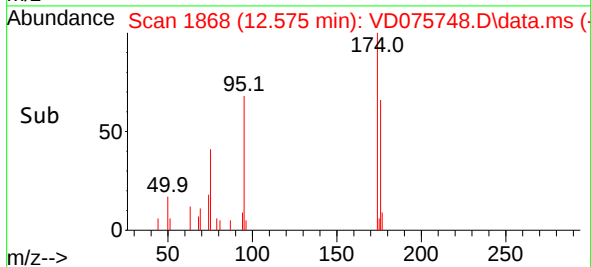
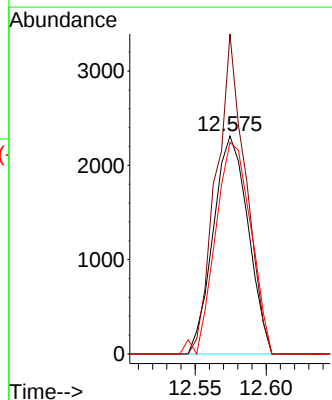
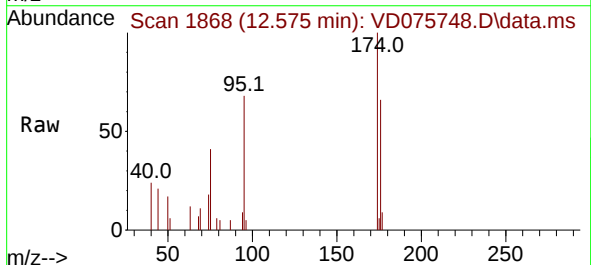
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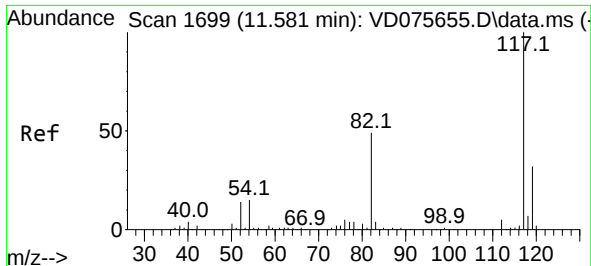
Tgt Ion: 98 Resp: 12137
Ion Ratio Lower Upper
98 100
100 69.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.827 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Tgt Ion: 95 Resp: 3943
Ion Ratio Lower Upper
95 100
174 123.4 0.0 164.0
176 98.7 0.0 156.8

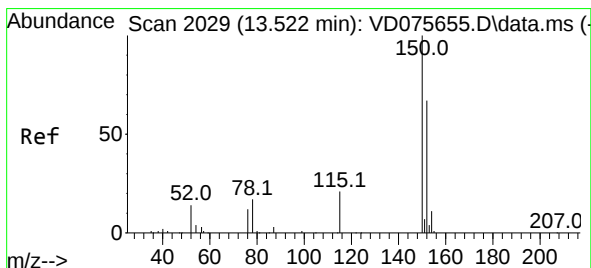
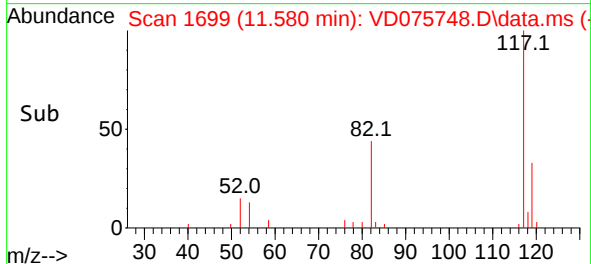
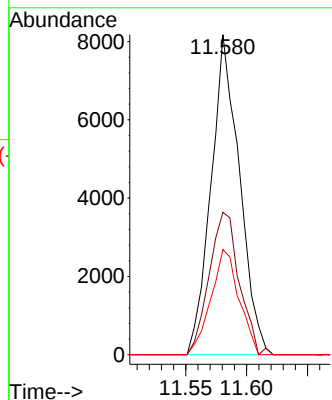
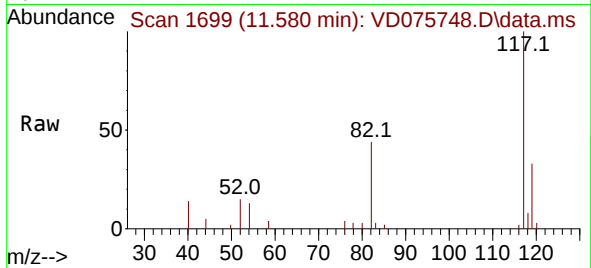




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :
SB-15-0-2-20230412

Tgt Ion:117 Resp: 13283
Ion Ratio Lower Upper
117 100
82 44.5 44.0 66.0
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Tgt Ion:152 Resp: 4828
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 157.1 0.0 364.8

