

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078438.D
 Acq On : 15 Feb 2024 16:18
 Operator : RP/MD
 Sample : P1483-01RE
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-2327RE

Quant Time: Feb 16 04:26:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	12591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	23490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	27350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6909	50.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.500%
35) Dibromofluoromethane	7.810	113	7865	52.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.420%
50) Toluene-d8	10.269	98	29461	49.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.575	95	11254	64.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.580%

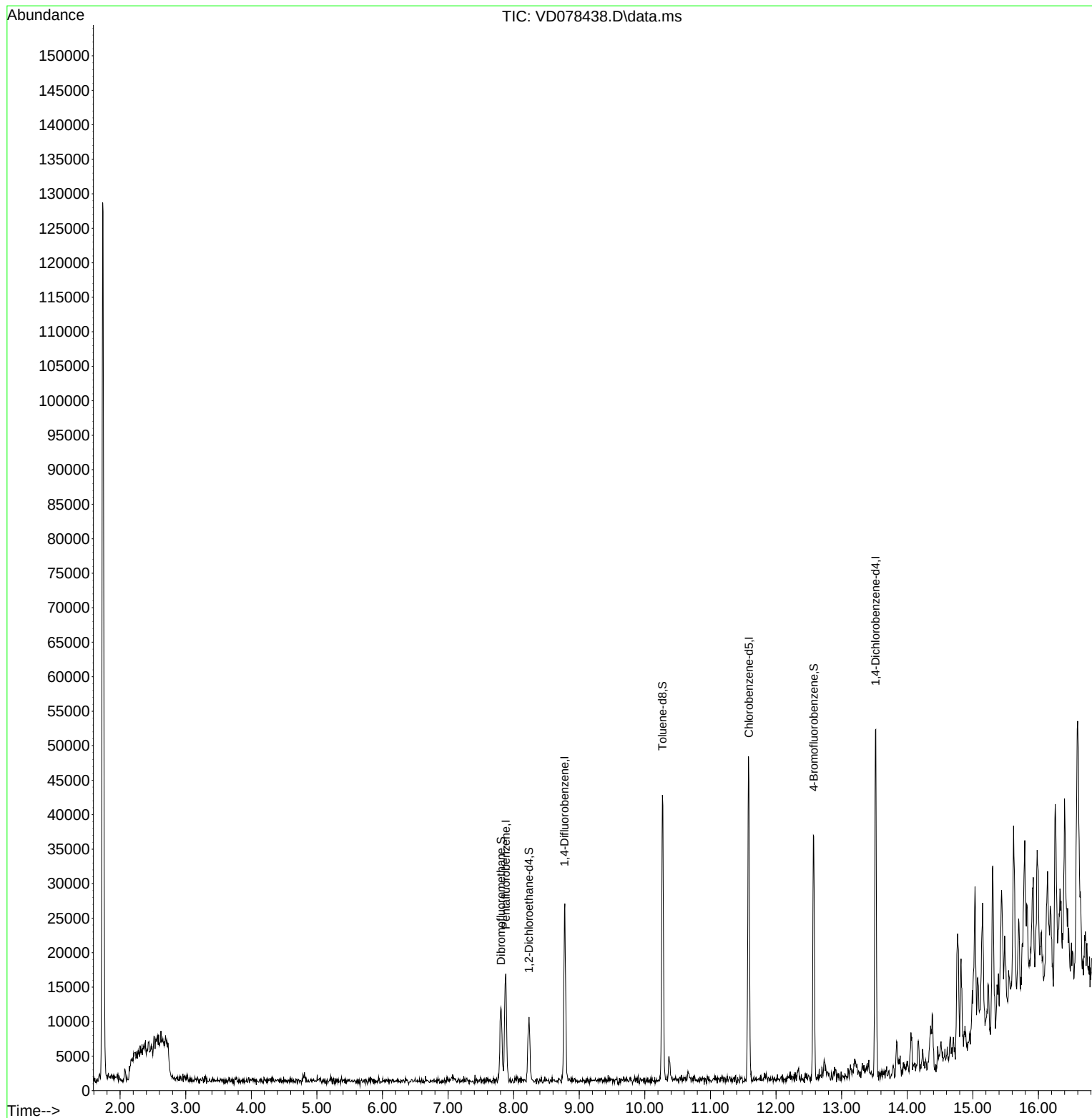
Target Compounds	Qvalue

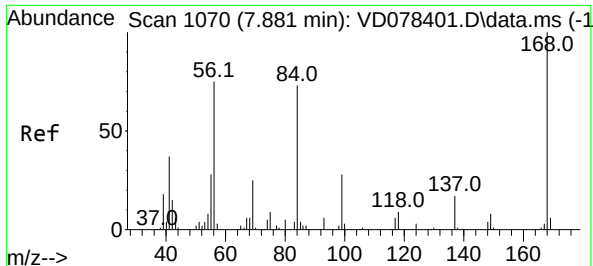
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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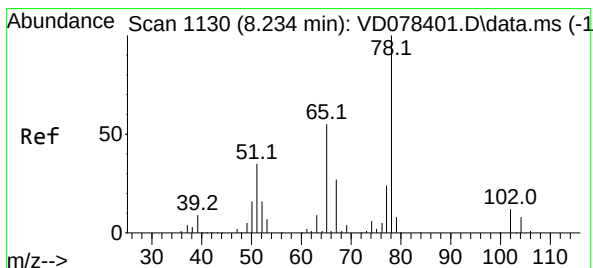
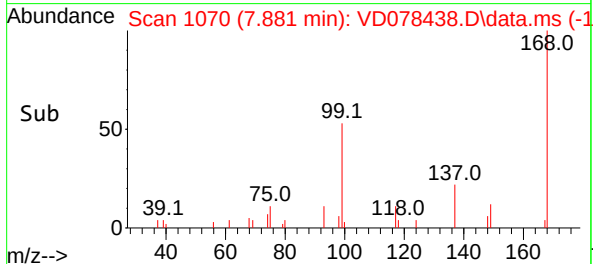
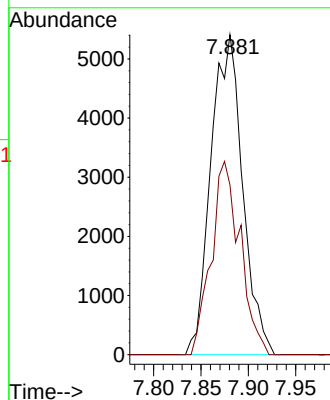
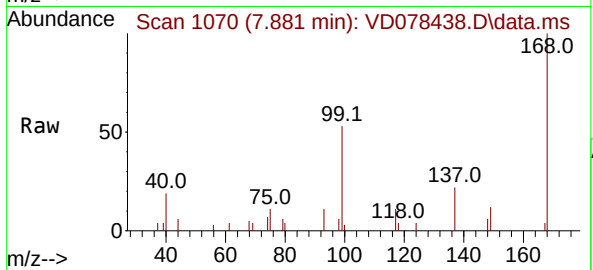




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

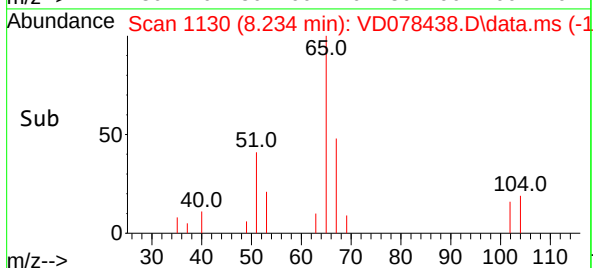
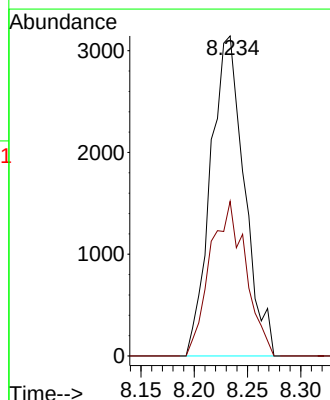
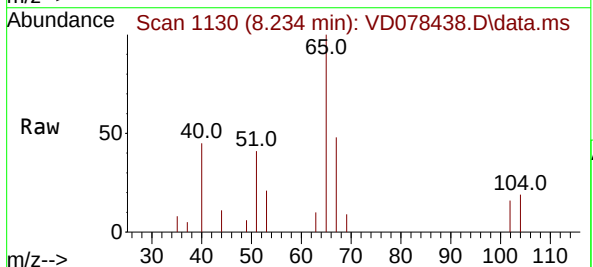
Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

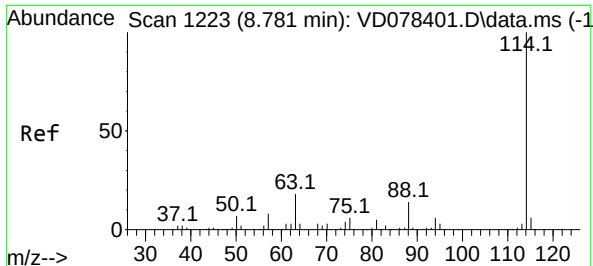
Tgt Ion:168 Resp: 12591
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.749 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion: 65 Resp: 6909
Ion Ratio Lower Upper
65 100
67 51.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078438.D

Acq: 15 Feb 2024 16:18

Instrument :

MSVOA_D

ClientSampleId :

RT-2327RE

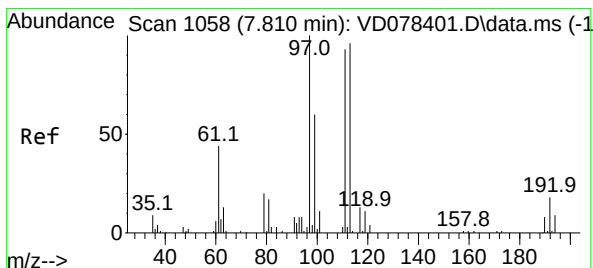
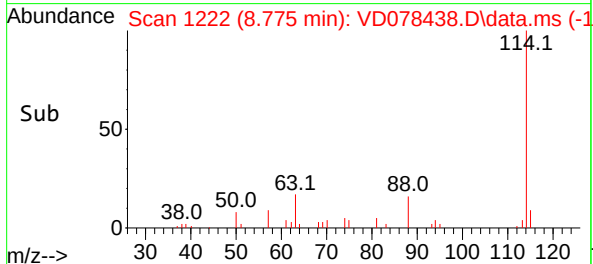
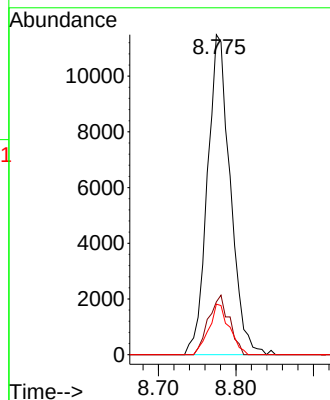
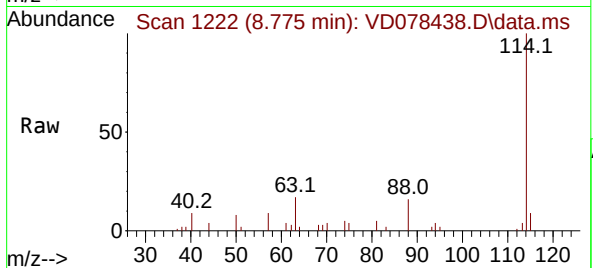
Tgt Ion:114 Resp: 23490

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 15.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.710 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078438.D

Acq: 15 Feb 2024 16:18

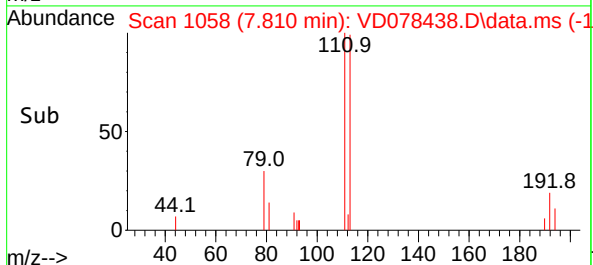
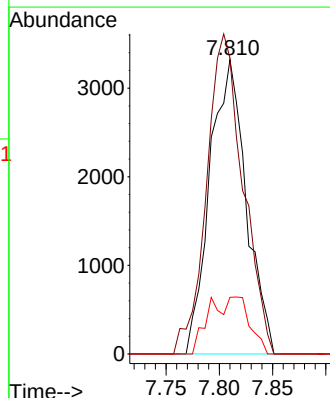
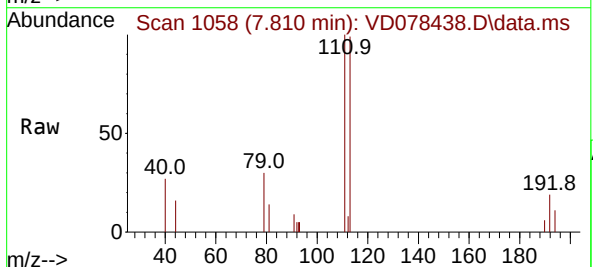
Tgt Ion:113 Resp: 7865

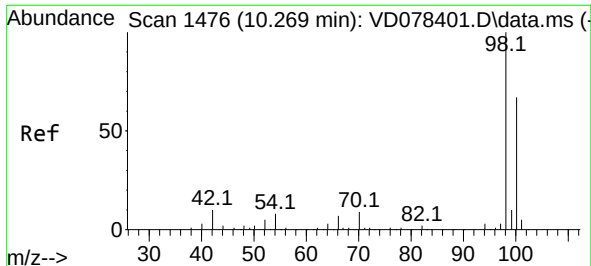
Ion Ratio Lower Upper

113 100

111 109.4 84.7 127.1

192 21.5 16.8 25.2

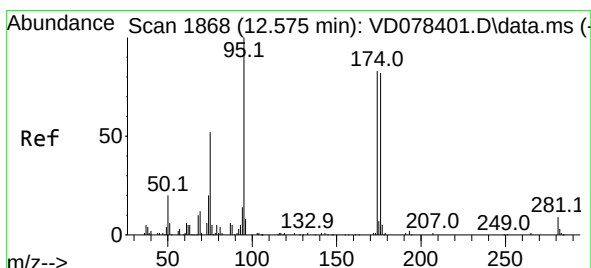
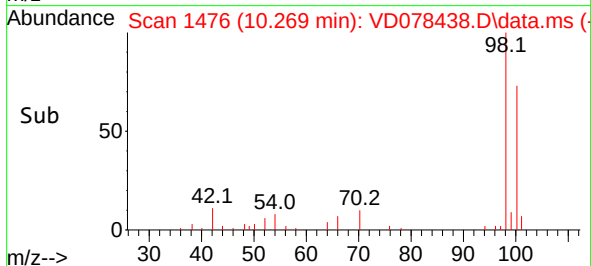
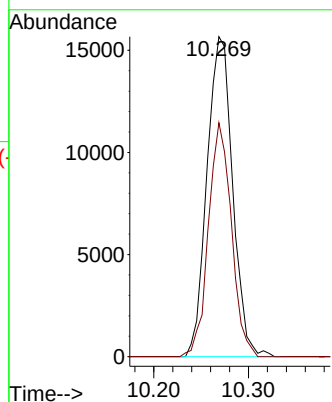
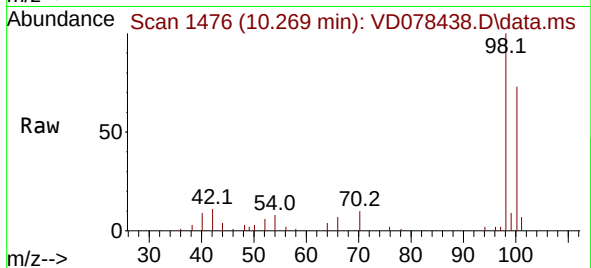




#50
Toluene-d8
Concen: 49.358 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

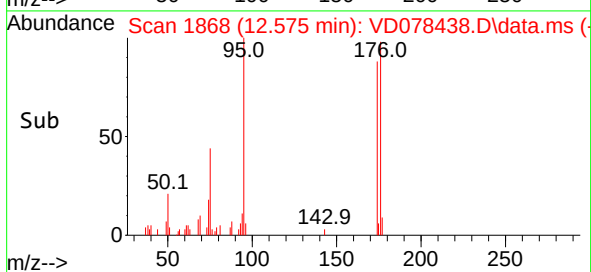
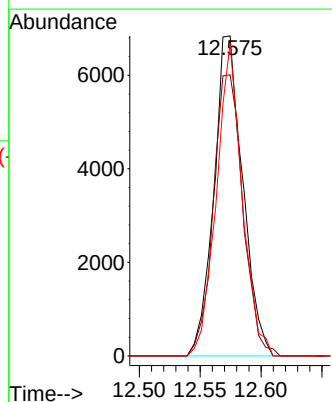
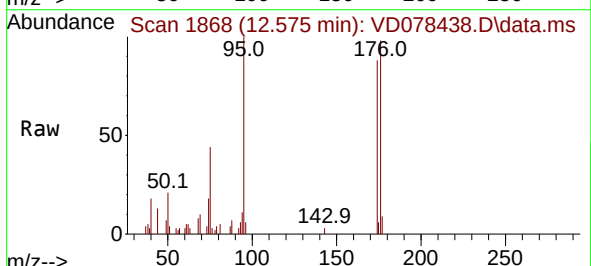
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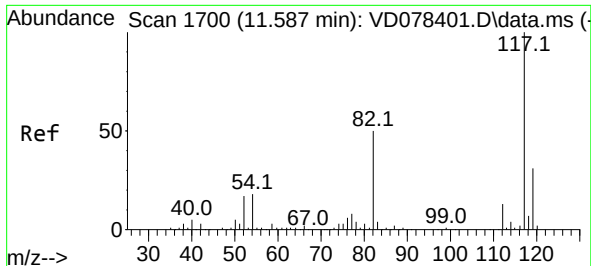
Tgt Ion: 98 Resp: 29461
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.791 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion: 95 Resp: 11254
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 87.2 0.0 191.8

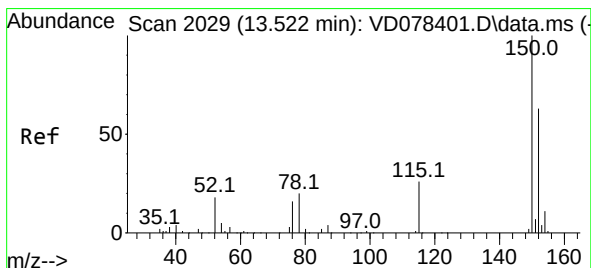
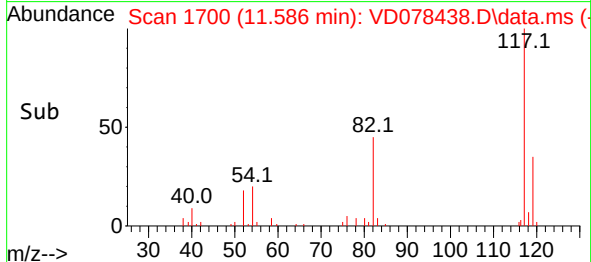
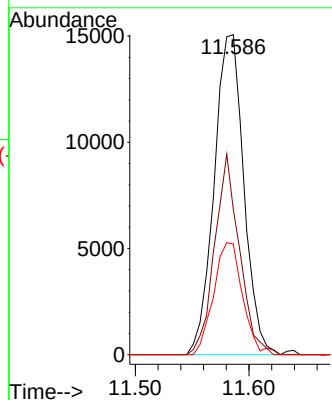
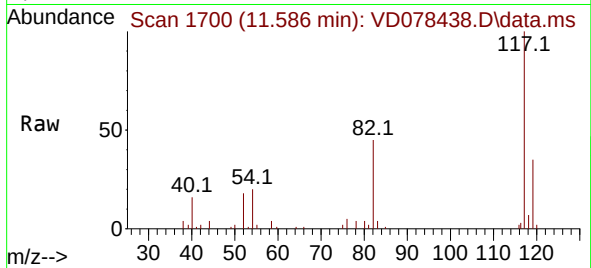




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Instrument :
MSVOA_D
ClientSampleId :
RT-2327RE

Tgt Ion:117 Resp: 27350
Ion Ratio Lower Upper
117 100
82 45.4 38.3 57.5
119 34.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078438.D
Acq: 15 Feb 2024 16:18

Tgt Ion:152 Resp: 13858
Ion Ratio Lower Upper
152 100
115 61.3 27.1 81.3
150 159.0 0.0 353.6

