

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078433.D
 Acq On : 15 Feb 2024 14:00
 Operator : RP/MD
 Sample : P1473-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-021424

Quant Time: Feb 16 08:42:36 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	7.869	168	8257	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.775	114	15983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17975	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6082	68.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.240%
35) Dibromofluoromethane	7.810	113	6453	63.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.120%
50) Toluene-d8	10.269	98	19560	48.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.575	95	7478	63.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	126.540%

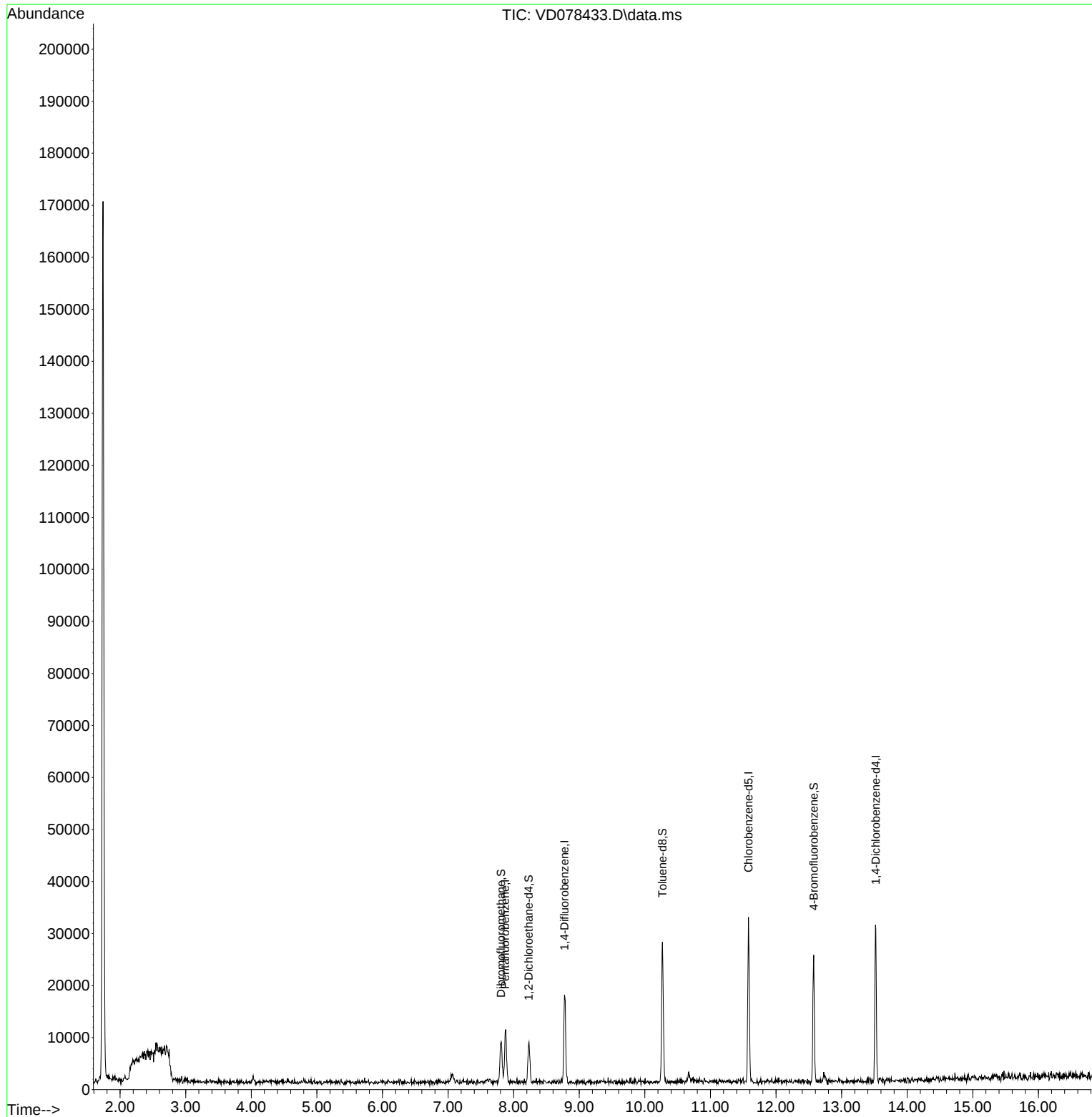
Target Compounds	Qvalue

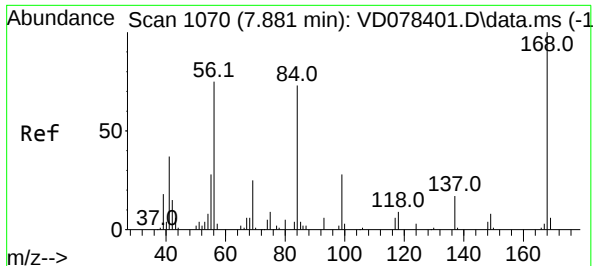
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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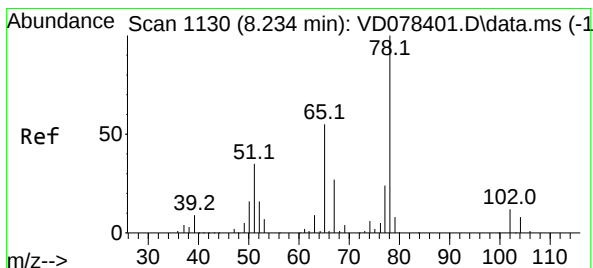
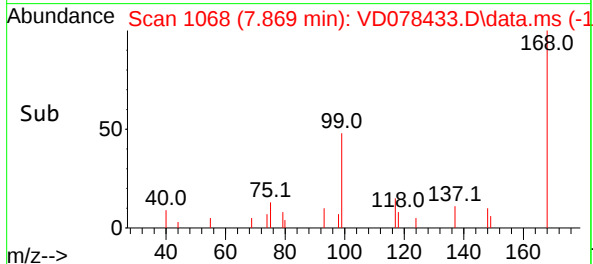
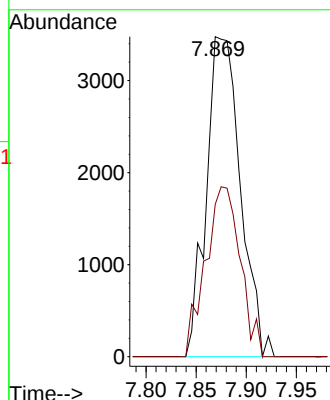
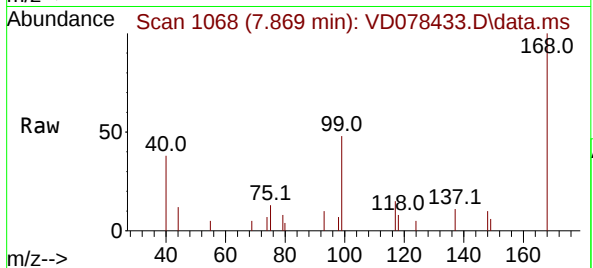




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.012 min
Lab File: VD078433.D
Acq: 15 Feb 2024 14:00

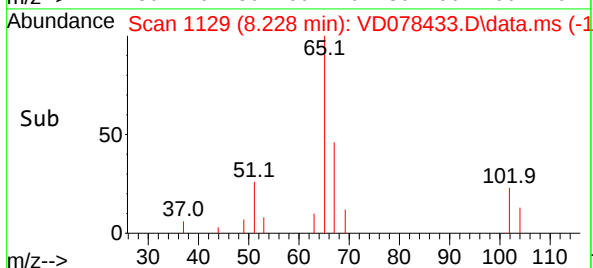
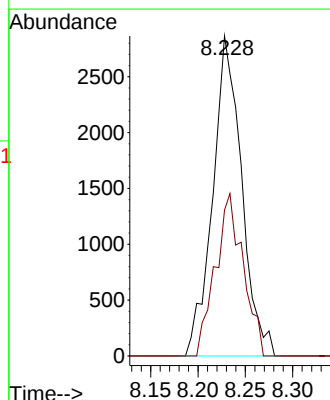
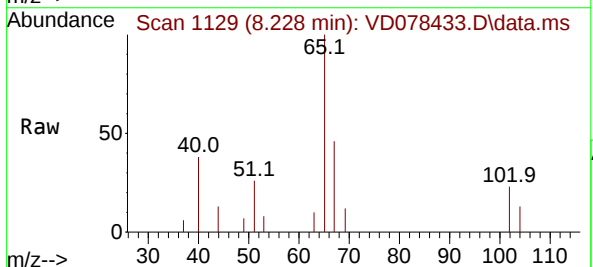
Instrument :
MSVOA_D
ClientSampleId :
SU-03-021424

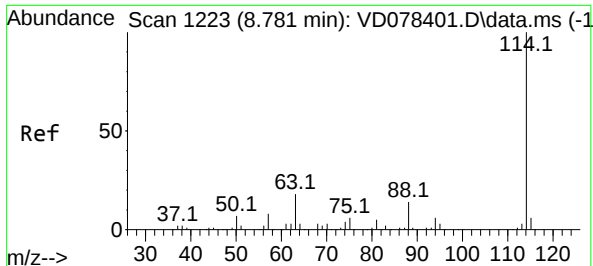
Tgt Ion:168 Resp: 8257
Ion Ratio Lower Upper
168 100
99 47.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 68.124 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078433.D
Acq: 15 Feb 2024 14:00

Tgt Ion: 65 Resp: 6082
Ion Ratio Lower Upper
65 100
67 48.7 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: VD078433.D

Acq: 15 Feb 2024 14:00

Instrument :

MSVOA_D

ClientSampleId :

SU-03-021424

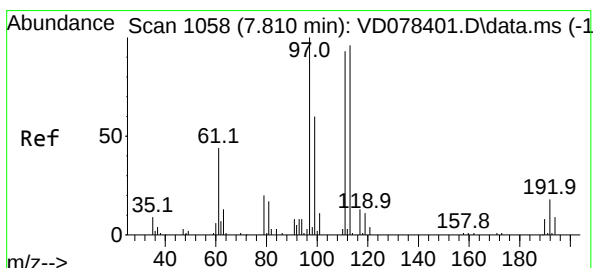
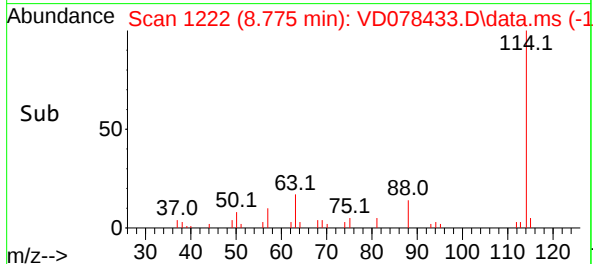
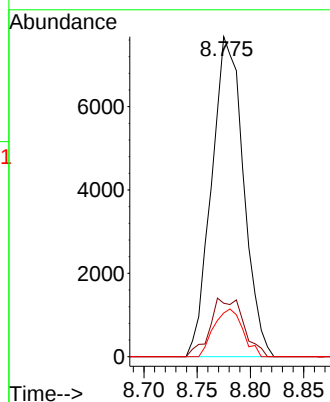
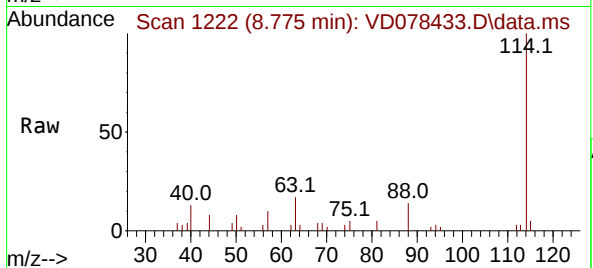
Tgt Ion:114 Resp: 15983

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 63.559 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078433.D

Acq: 15 Feb 2024 14:00

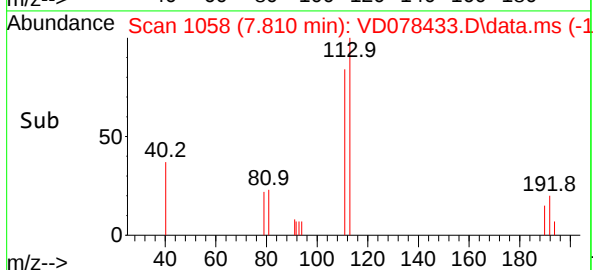
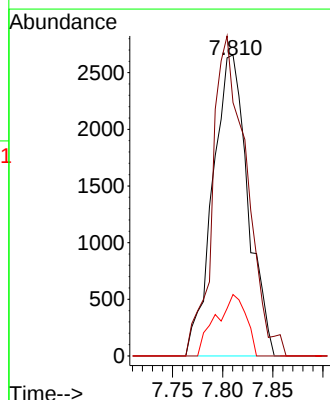
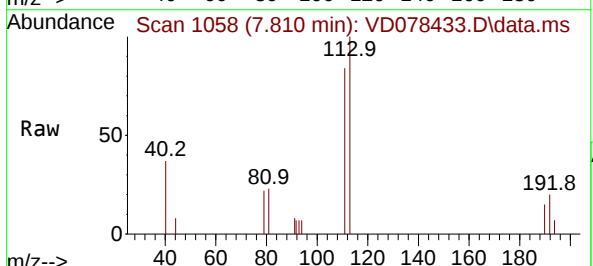
Tgt Ion:113 Resp: 6453

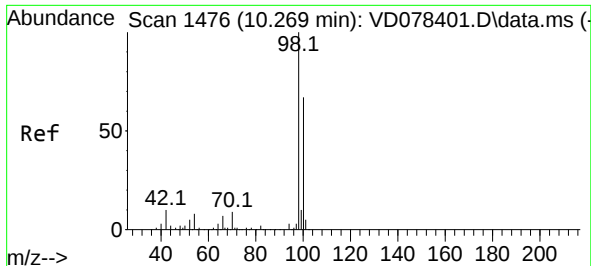
Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 17.7 16.8 25.2

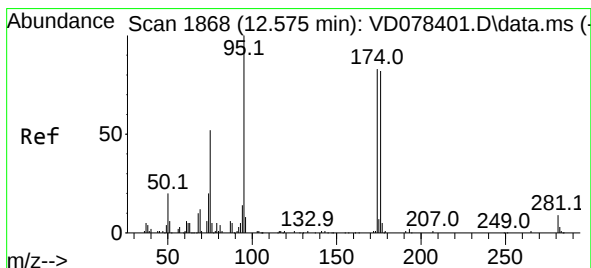
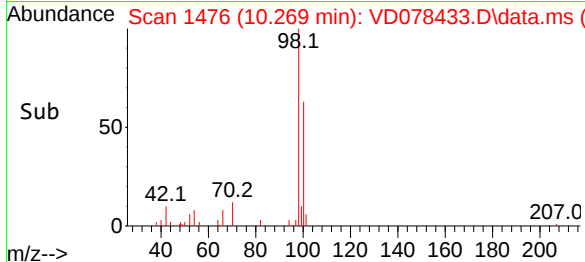
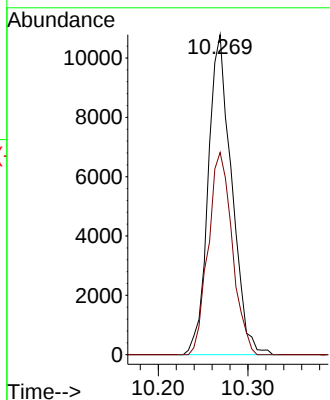
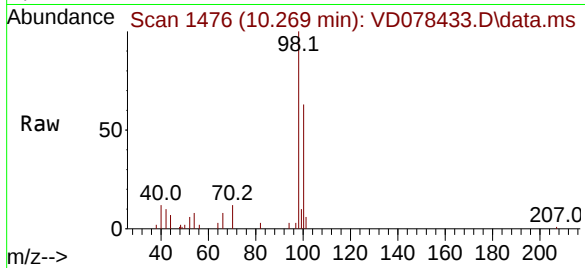




#50
Toluene-d8
Concen: 48.162 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078433.D
Acq: 15 Feb 2024 14:00

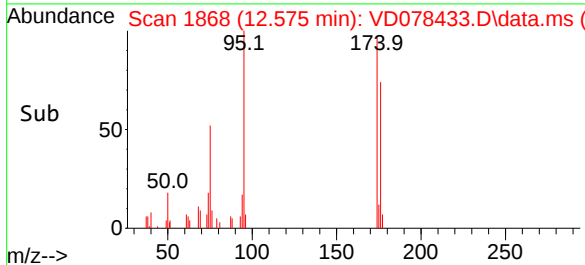
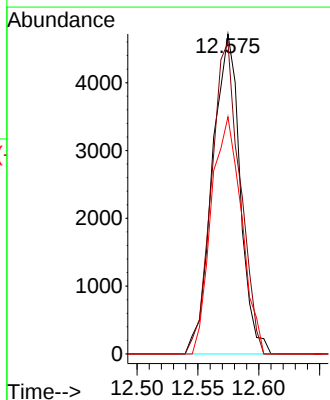
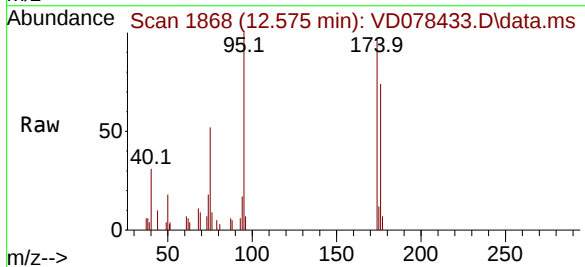
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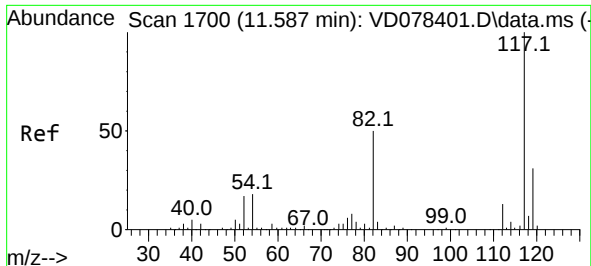
Tgt Ion: 98 Resp: 19560
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.272 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078433.D
Acq: 15 Feb 2024 14:00

Tgt Ion: 95 Resp: 7478
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.8
176 80.7 0.0 191.8

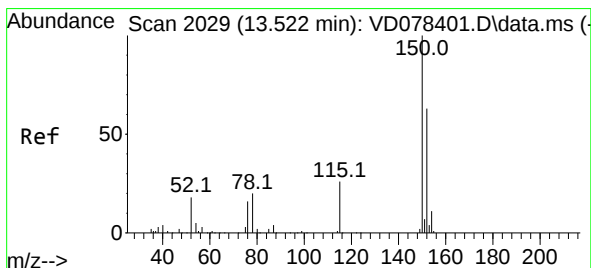
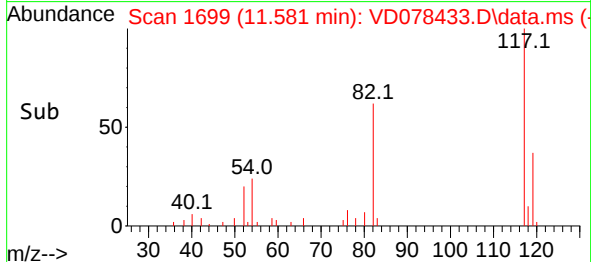
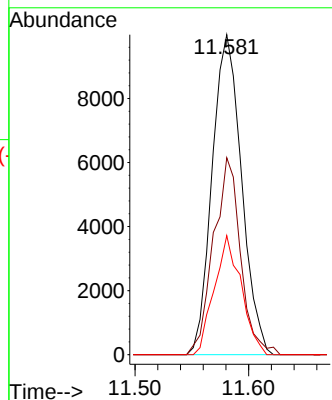
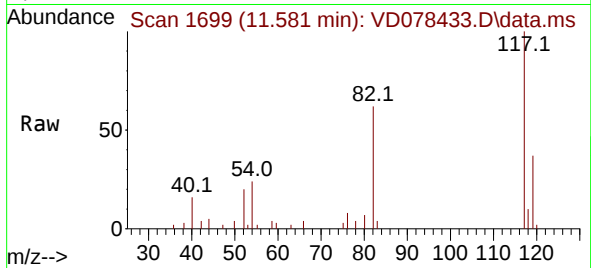




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078433.D
Acq: 15 Feb 2024 14:00

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021424

Tgt Ion:117 Resp: 17975
Ion Ratio Lower Upper
117 100
82 61.5 38.3 57.5#
119 37.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078433.D
Acq: 15 Feb 2024 14:00

Tgt Ion:152 Resp: 8560
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 152.3 0.0 353.6

