

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078417.D
 Acq On : 14 Feb 2024 16:35
 Operator : RP/MD
 Sample : P1463-03
 Misc : 9.63G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-F-GRAB

Quant Time: Feb 15 03:41:58 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	7.875	168	112108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58076	47.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.820%
35) Dibromofluoromethane	7.810	113	76135	50.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.269	98	307953	51.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.569	95	93941	53.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.820%

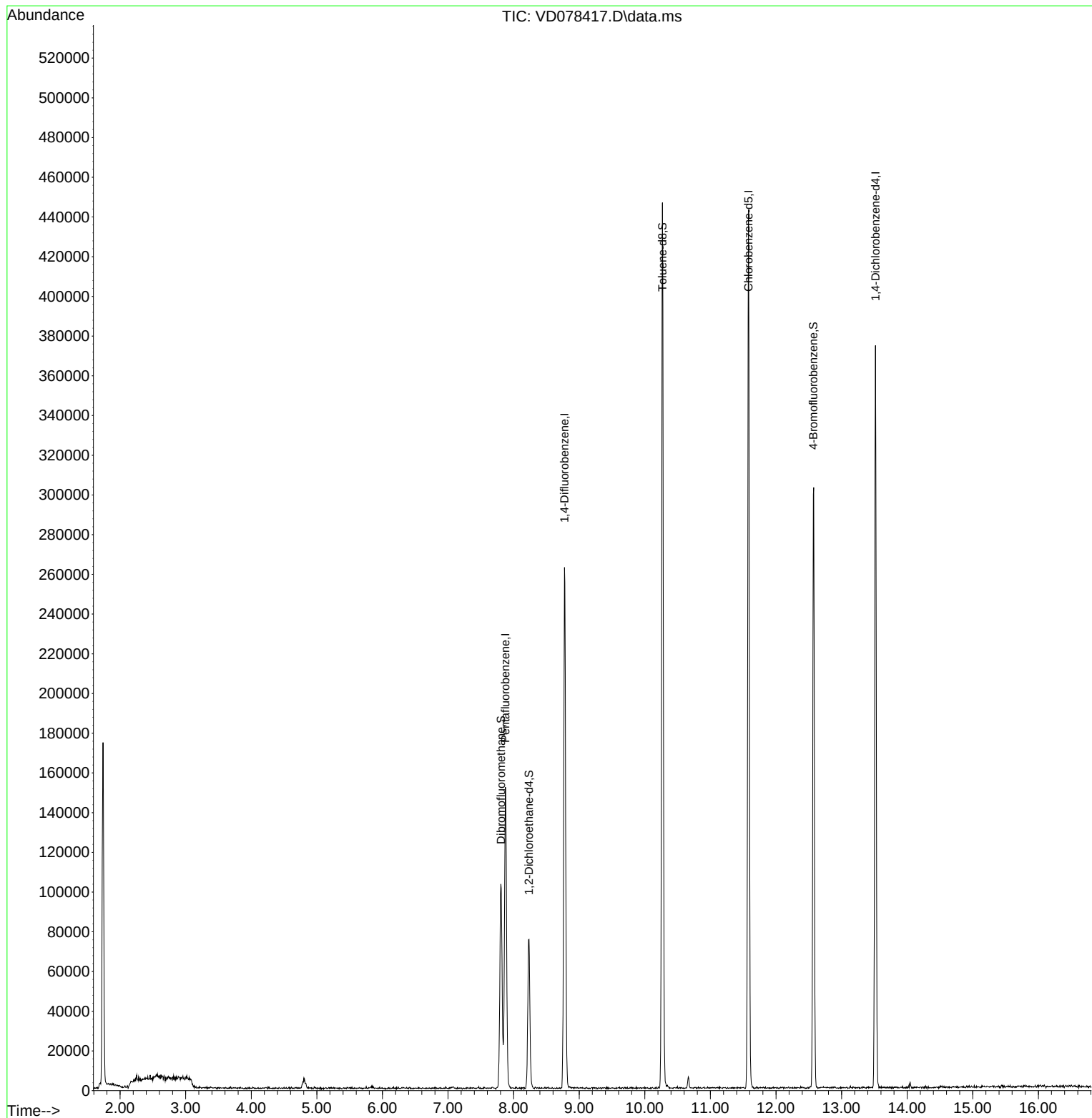
Target Compounds	Qvalue

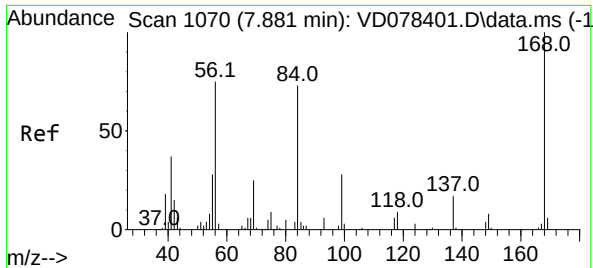
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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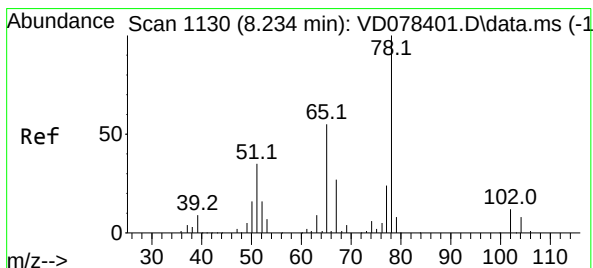
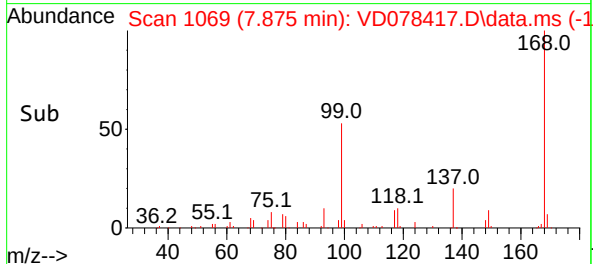
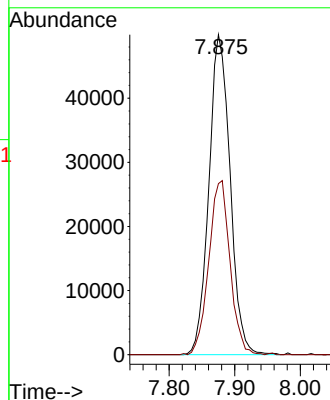
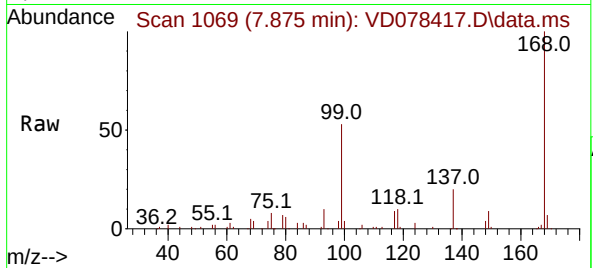




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

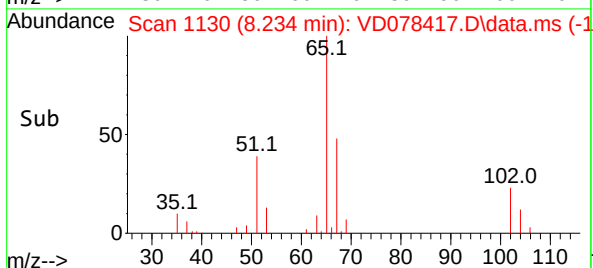
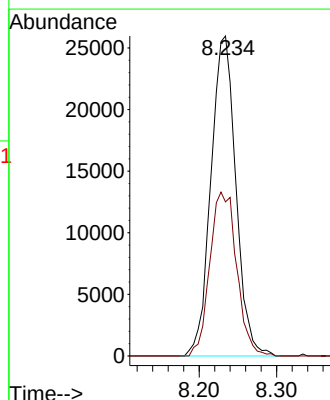
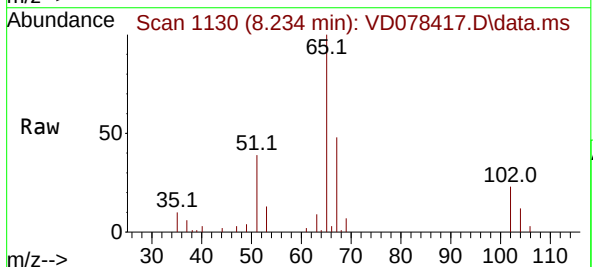
Instrument :
MSVOA_D
ClientSampleId :
SP-F-GRAB

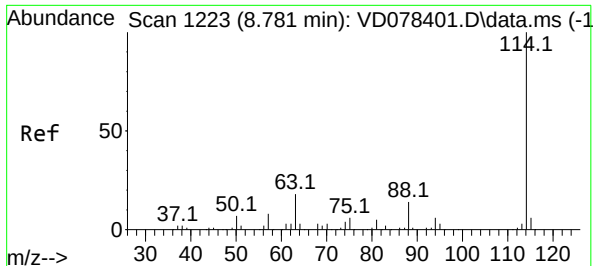
Tgt Ion:168 Resp: 112108
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 47.911 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Tgt Ion: 65 Resp: 58076
Ion Ratio Lower Upper
65 100
67 55.1 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: VD078417.D

Acq: 14 Feb 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

SP-F-GRAB

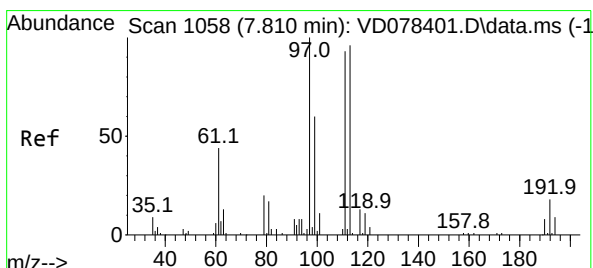
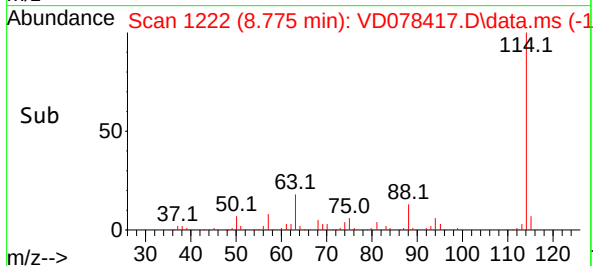
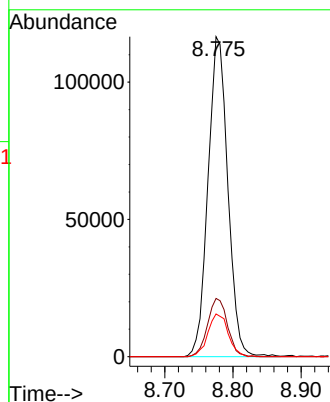
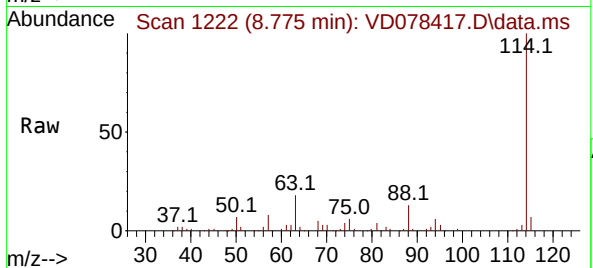
Tgt Ion:114 Resp: 235660

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.860 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078417.D

Acq: 14 Feb 2024 16:35

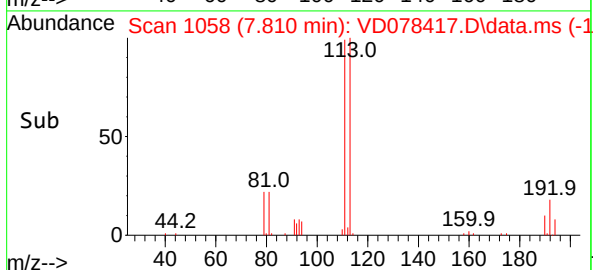
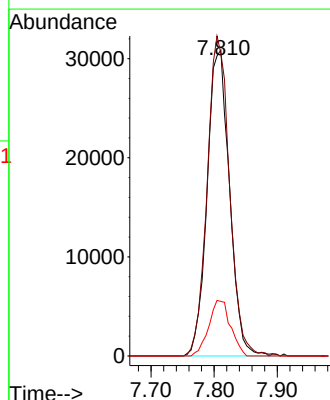
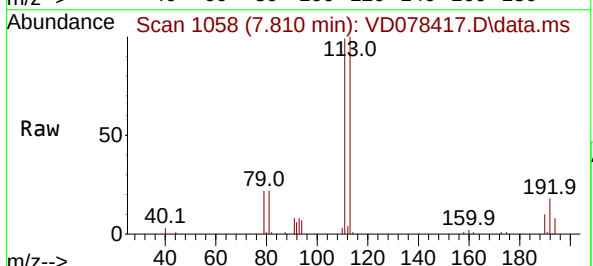
Tgt Ion:113 Resp: 76135

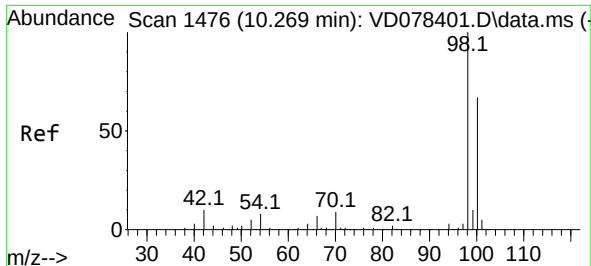
Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 17.6 16.8 25.2

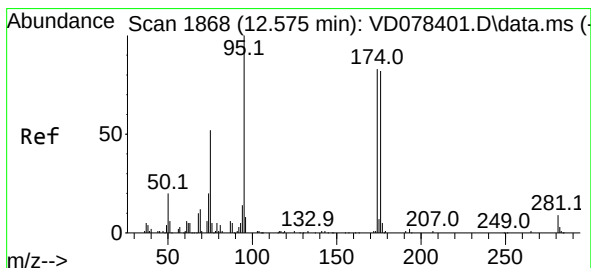
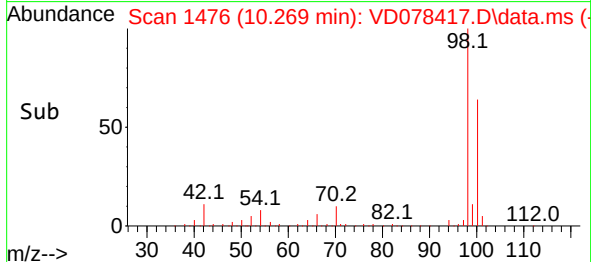
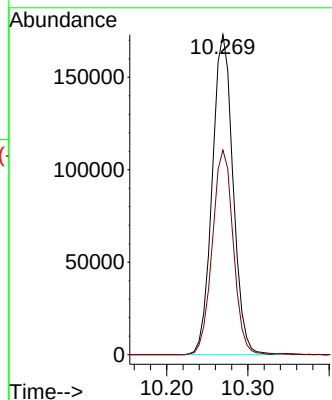
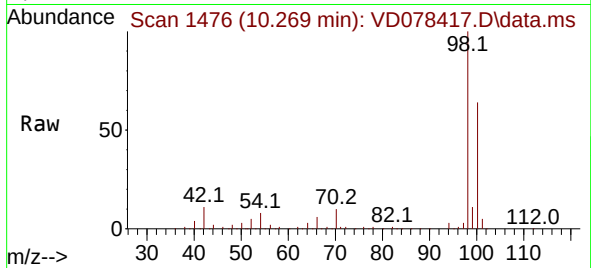




#50
Toluene-d8
Concen: 51.427 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

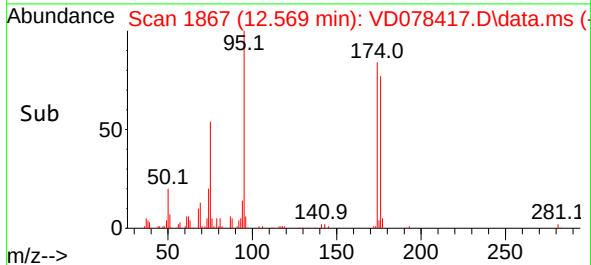
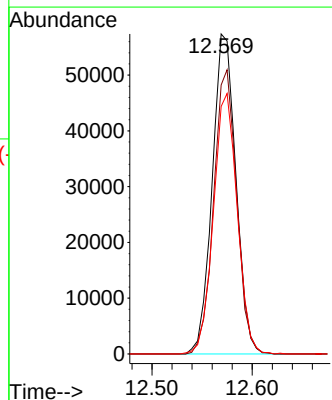
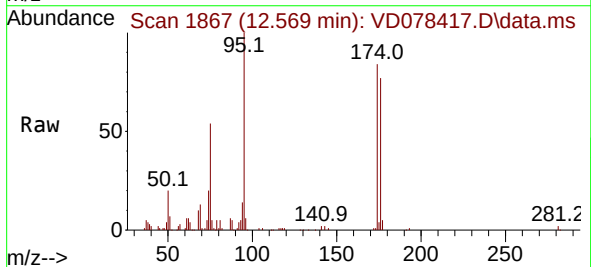
Instrument :
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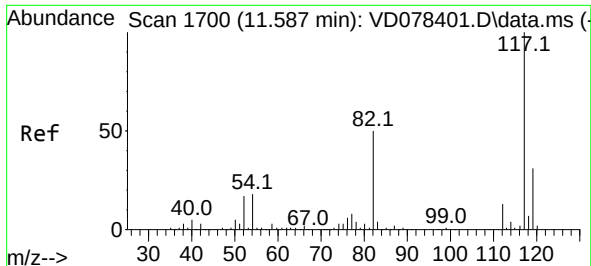
Tgt Ion: 98 Resp: 307953
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.908 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Tgt Ion: 95 Resp: 93941
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 82.0 0.0 191.8

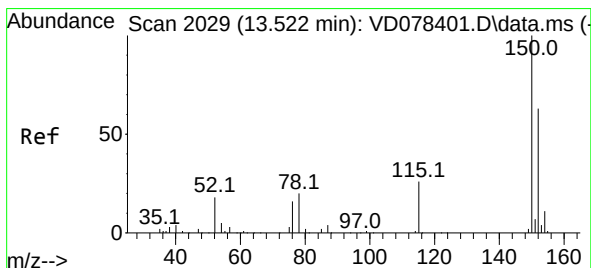
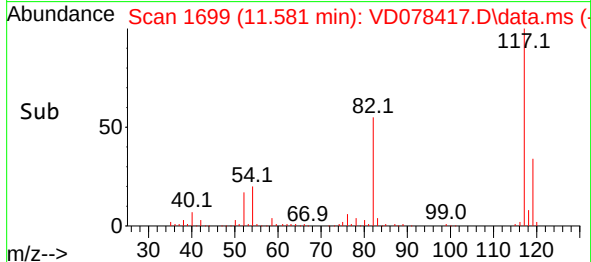
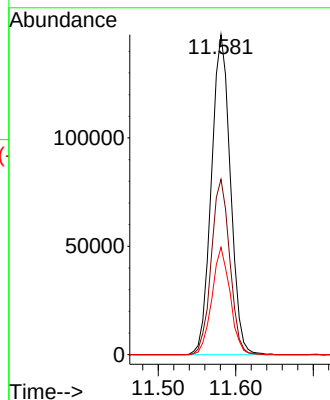
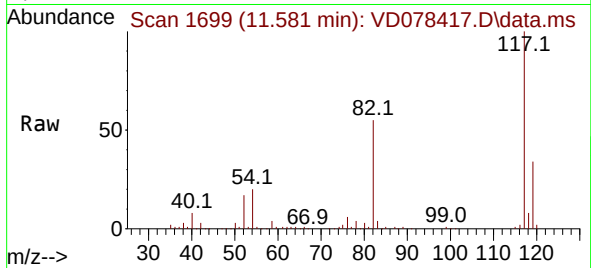




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Instrument :
MSVOA_D
ClientSampleId :
SP-F-GRAB

Tgt Ion:117 Resp: 251374
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 33.5 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: VD078417.D
Acq: 14 Feb 2024 16:35

Tgt Ion:152 Resp: 100666
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 153.0 0.0 353.6

