

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078416.D
 Acq On : 14 Feb 2024 16:07
 Operator : RP/MD
 Sample : P1461-04
 Misc : 6.12G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 15 03:41:36 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	7.881	168	114842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	242311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60390	48.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.810	113	78789	51.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.269	98	322787	52.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.575	95	108098	60.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.660%

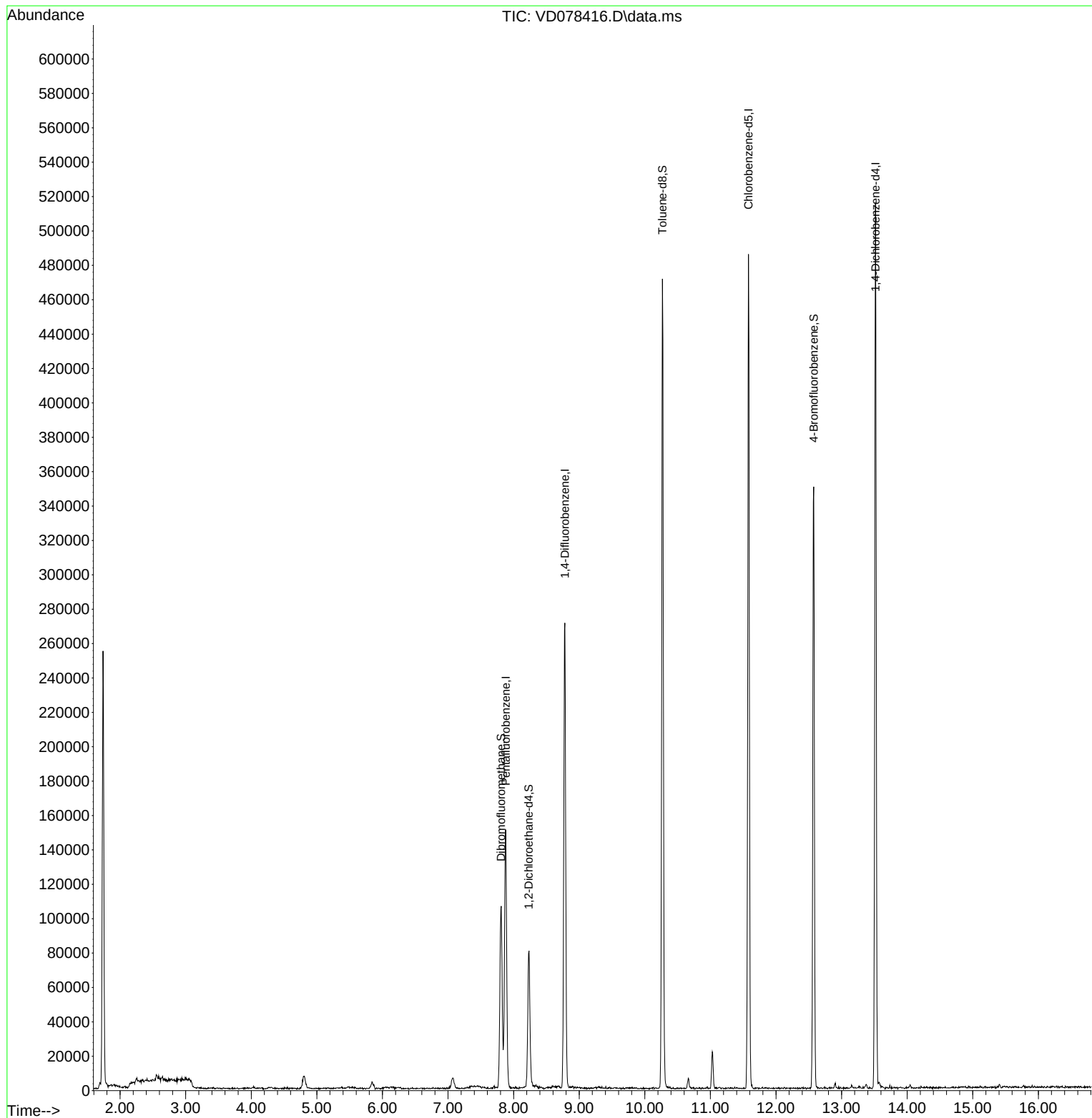
Target Compounds	Qvalue

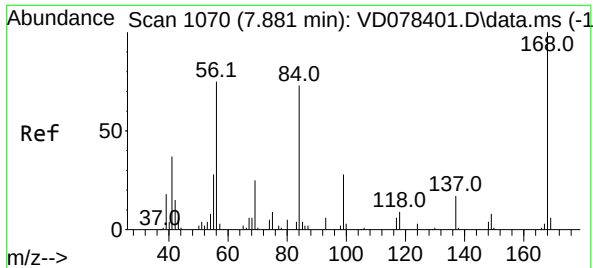
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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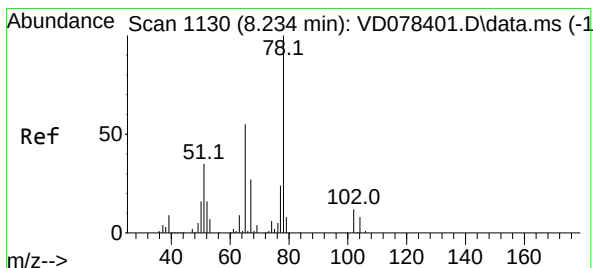
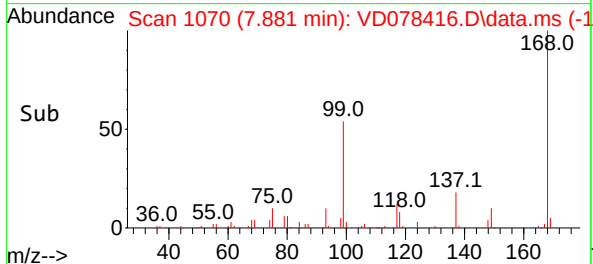
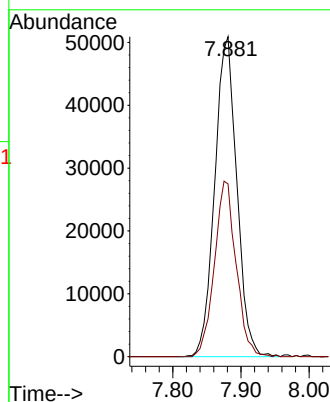
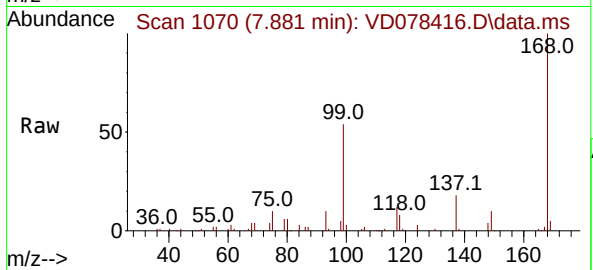




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

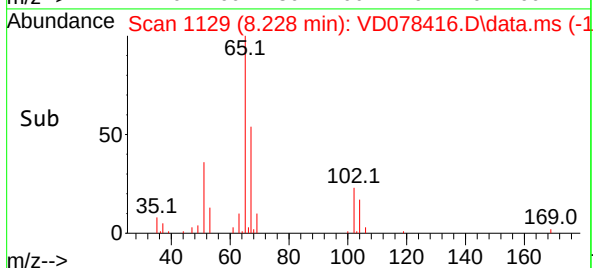
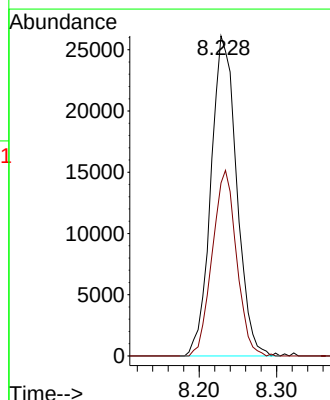
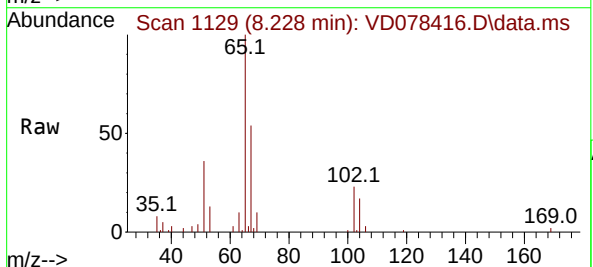
Instrument :
MSVOA_D
ClientSampleId :
TP-1

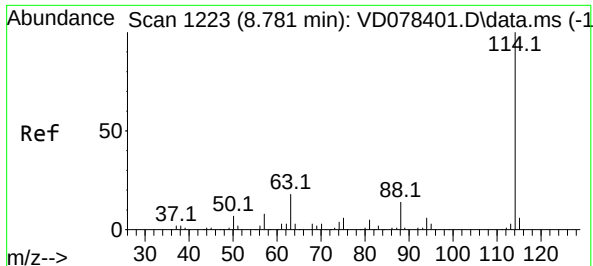
Tgt Ion:168 Resp: 114842
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 48.634 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Tgt Ion: 65 Resp: 60390
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078416.D

Acq: 14 Feb 2024 16:07

Instrument :

MSVOA_D

ClientSampleId :

TP-1

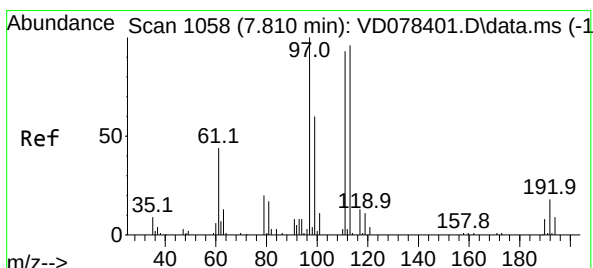
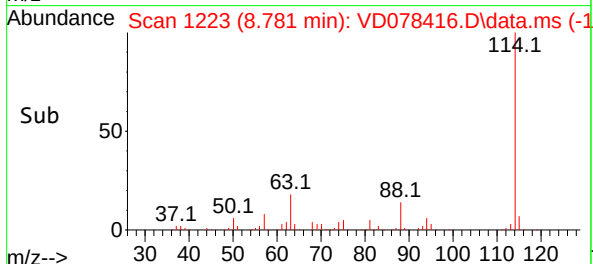
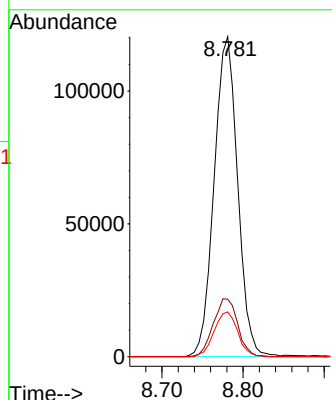
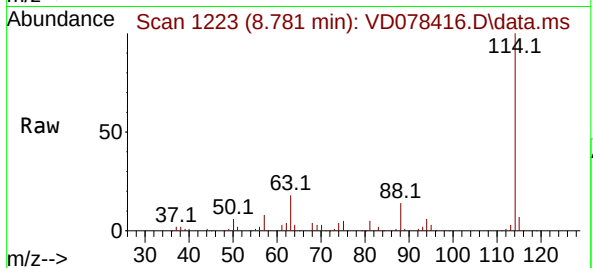
Tgt Ion:114 Resp: 242311

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.188 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078416.D

Acq: 14 Feb 2024 16:07

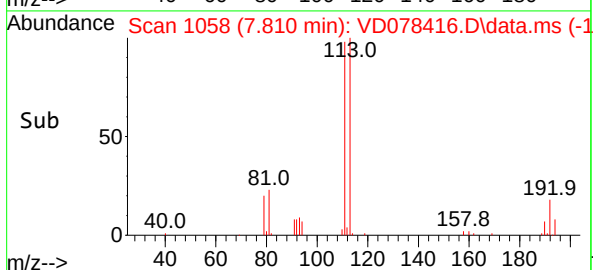
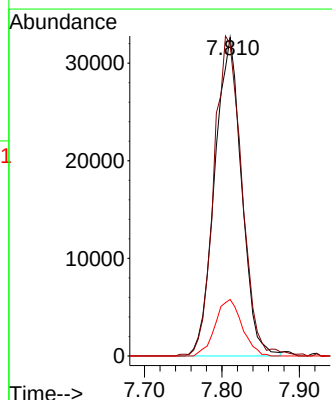
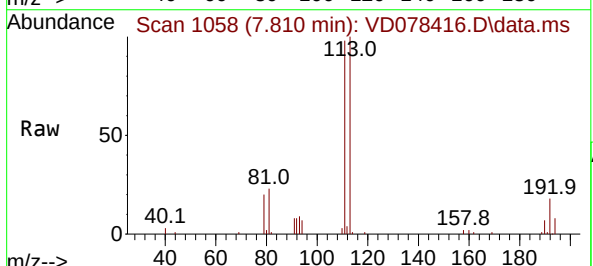
Tgt Ion:113 Resp: 78789

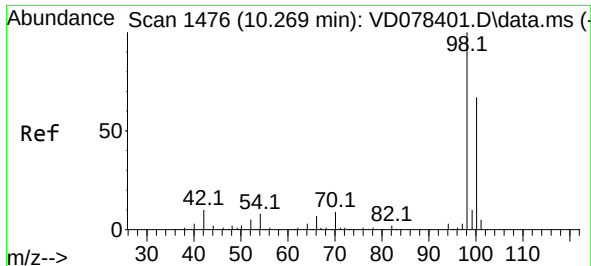
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 17.6 16.8 25.2

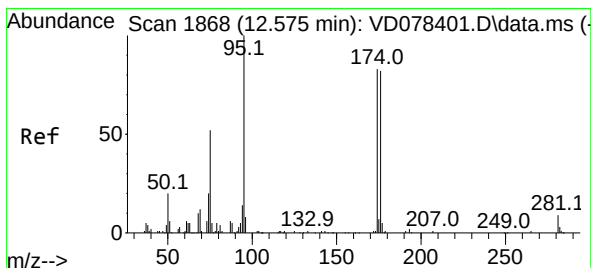
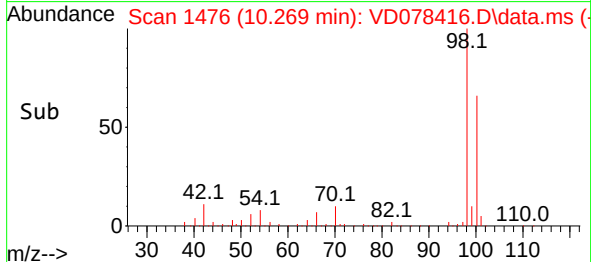
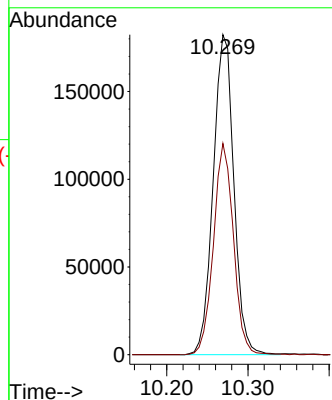
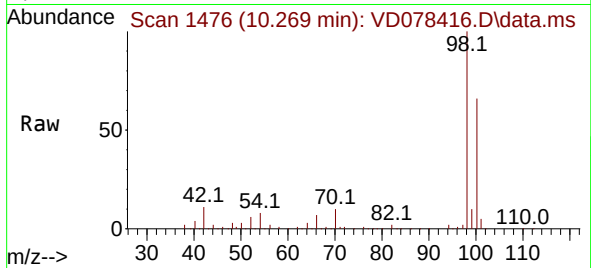




#50
Toluene-d8
Concen: 52.424 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

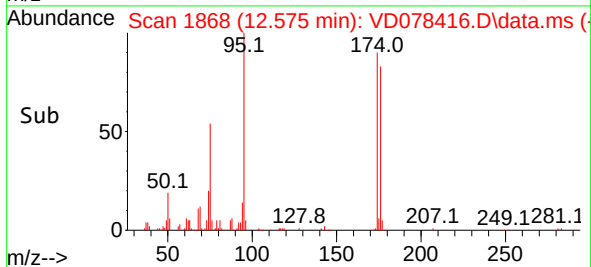
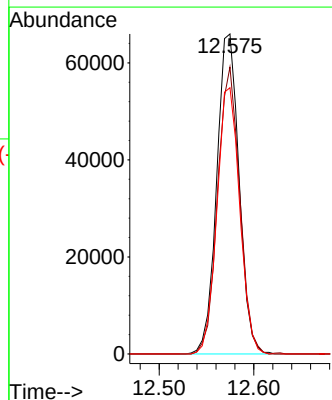
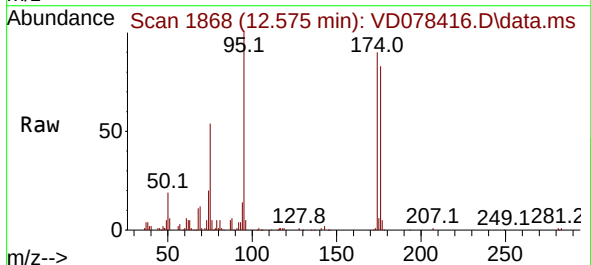
Instrument :
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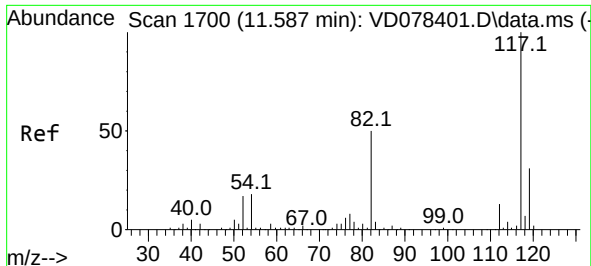
Tgt Ion: 98 Resp: 322787
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.330 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Tgt Ion: 95 Resp: 108098
Ion Ratio Lower Upper
95 100
174 88.4 0.0 201.8
176 84.7 0.0 191.8

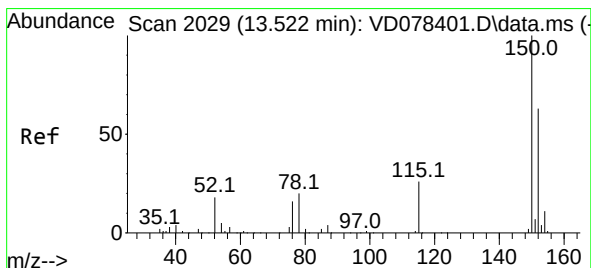
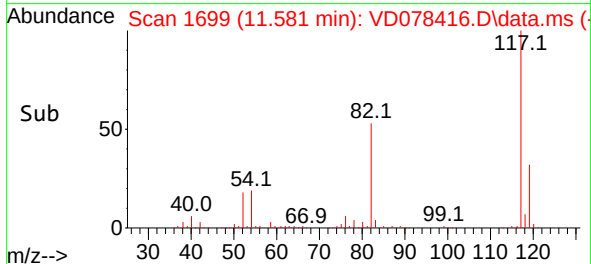
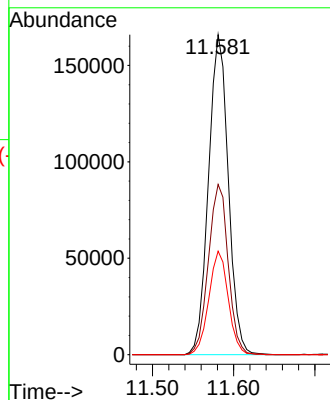
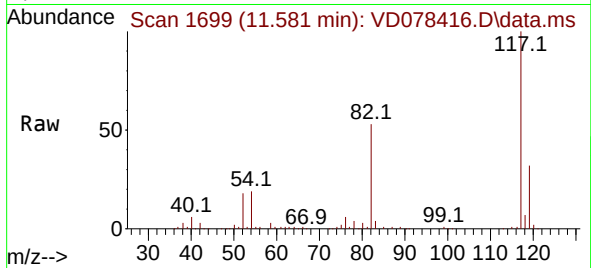




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 280862
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 32.3 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: VD078416.D
Acq: 14 Feb 2024 16:07

Tgt Ion:152 Resp: 134114
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 156.9 0.0 353.6

