

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079315.D
 Acq On : 02 Jul 2024 13:30
 Operator : RP/MD
 Sample : P3127-07
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-770-772

Quant Time: Jul 03 01:21:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	122703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	71694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64975	54.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.040%
35) Dibromofluoromethane	7.805	113	75076	46.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.020%
50) Toluene-d8	10.269	98	211934	36.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.000%
62) 4-Bromofluorobenzene	12.575	95	63362	34.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.060%

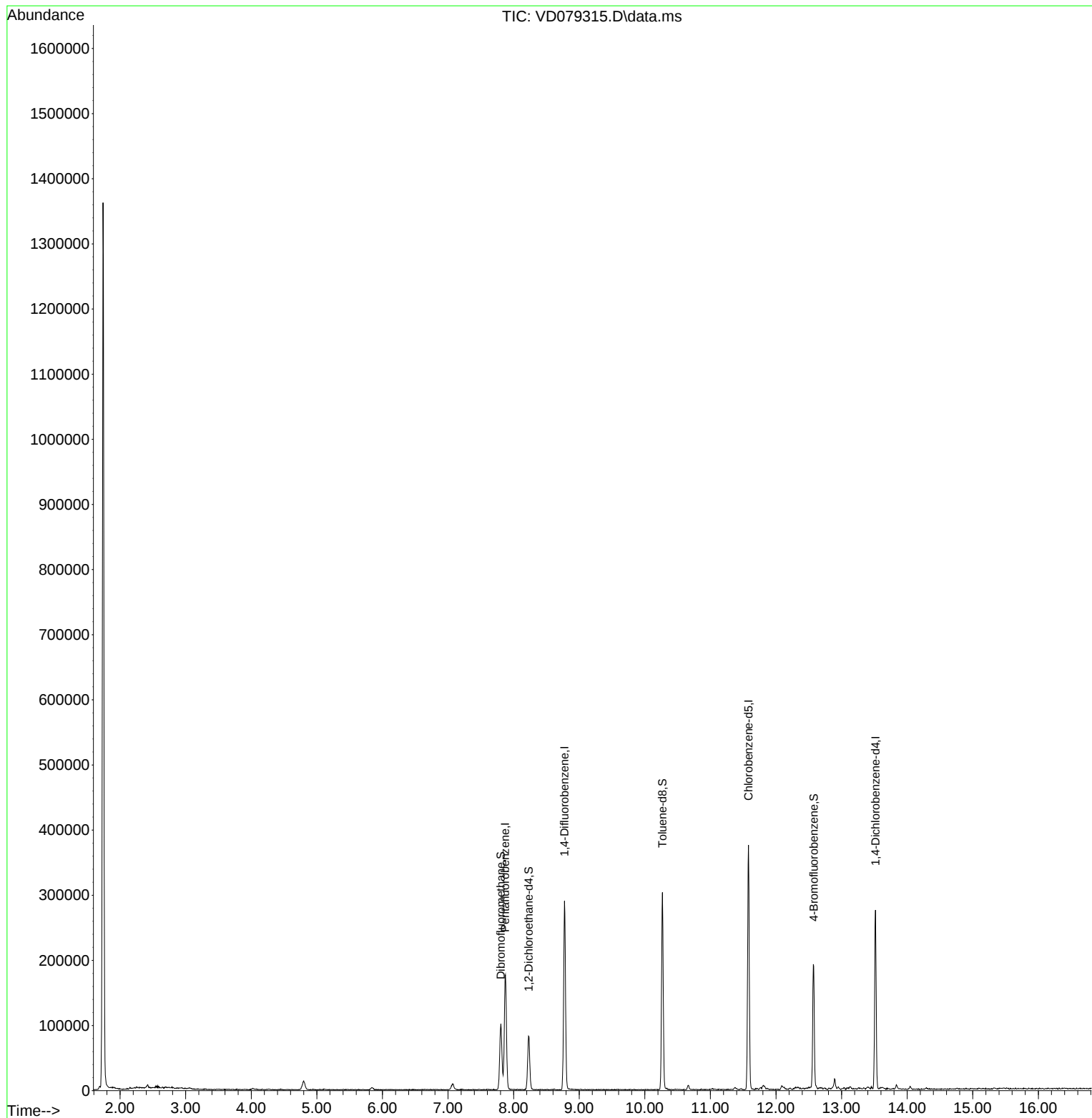
Target Compounds	Qvalue

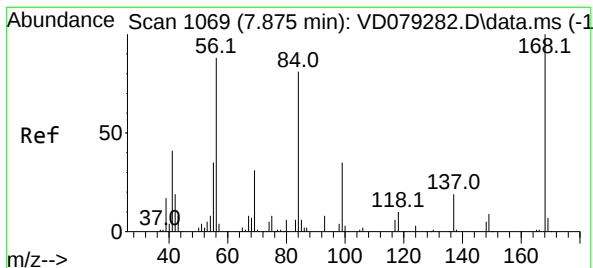
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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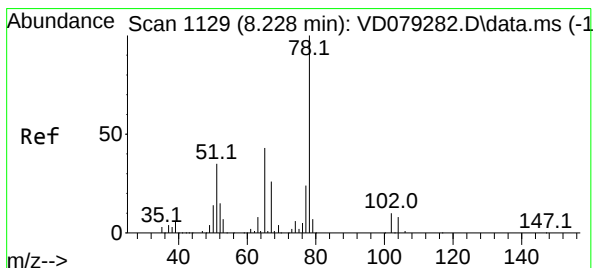
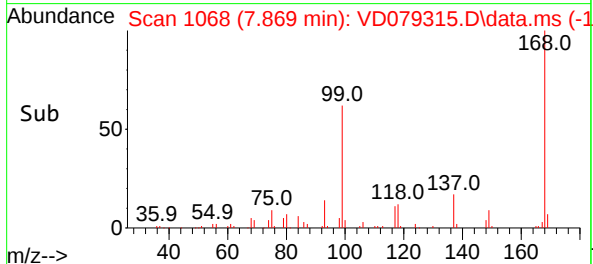
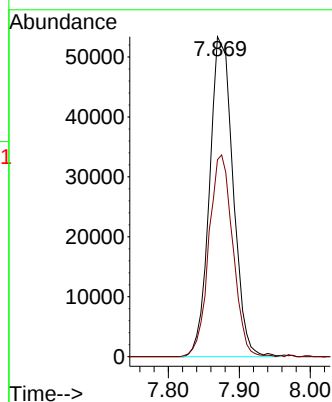
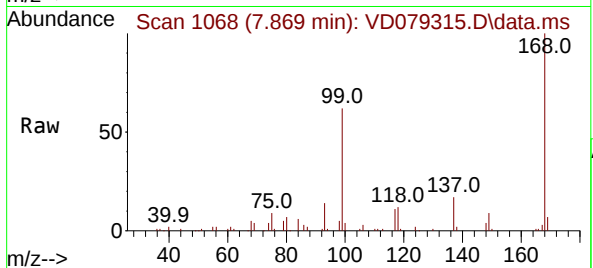




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

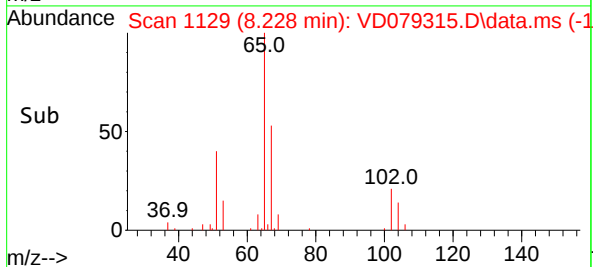
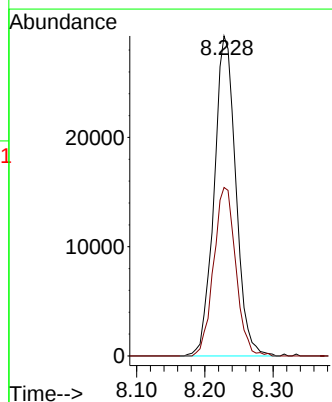
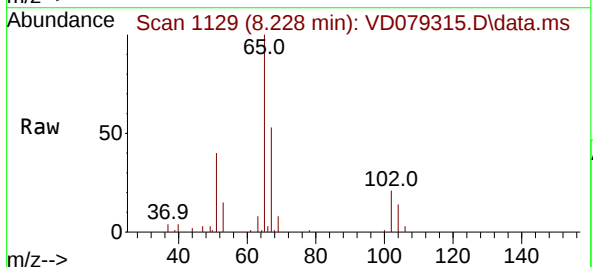
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

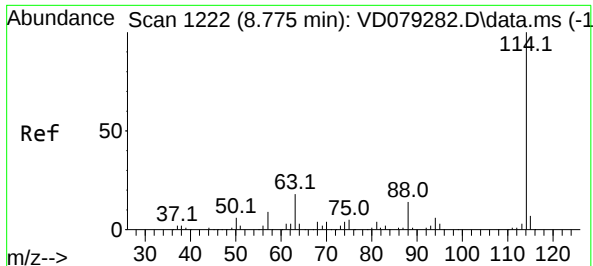
Tgt Ion:168 Resp: 122703
Ion Ratio Lower Upper
168 100
99 61.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 54.518 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion: 65 Resp: 64975
Ion Ratio Lower Upper
65 100
67 53.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079315.D

Acq: 02 Jul 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-770-772

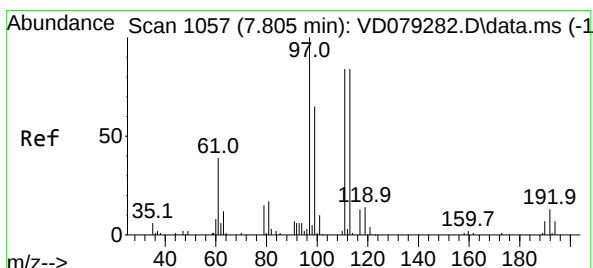
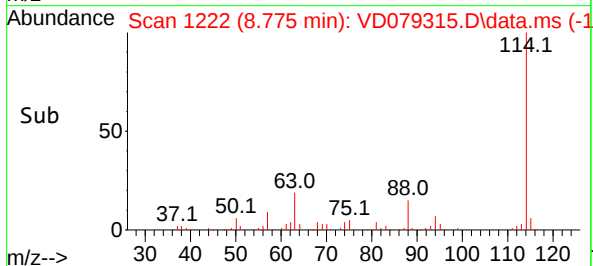
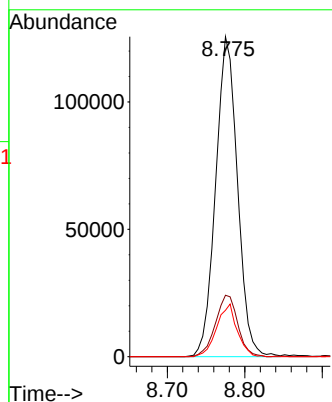
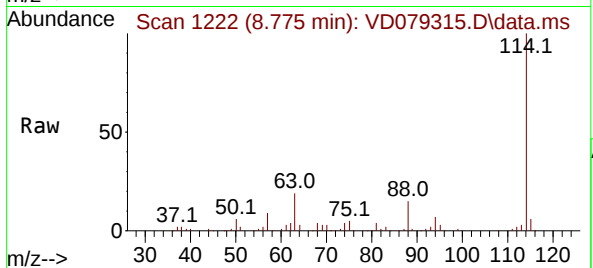
Tgt Ion:114 Resp: 245912

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.511 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079315.D

Acq: 02 Jul 2024 13:30

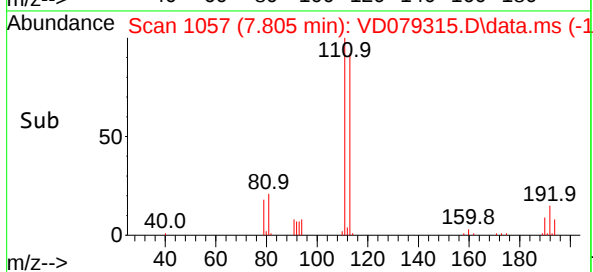
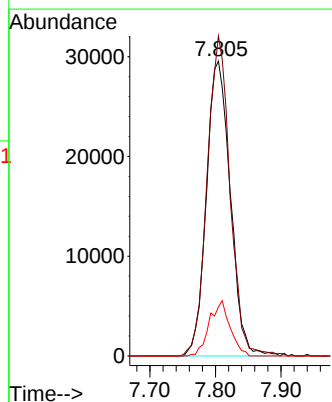
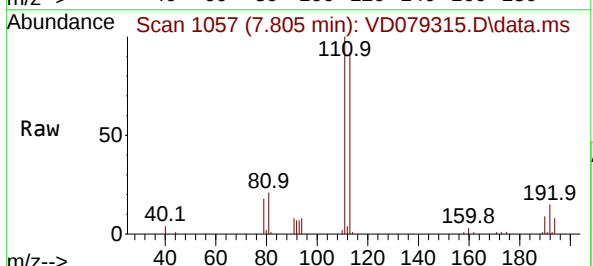
Tgt Ion:113 Resp: 75076

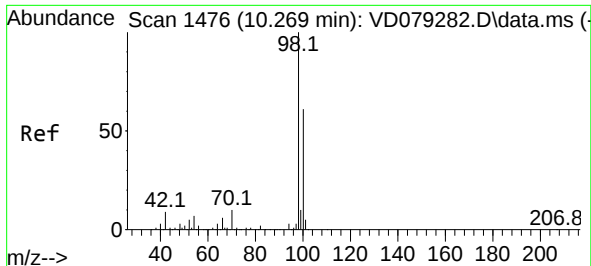
Ion Ratio Lower Upper

113 100

111 103.8 84.0 126.0

192 16.2 15.4 23.0

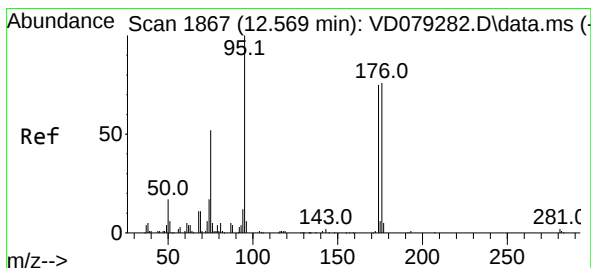
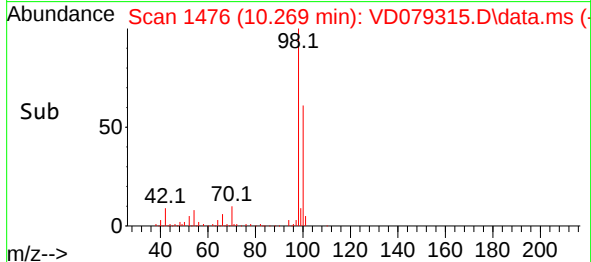
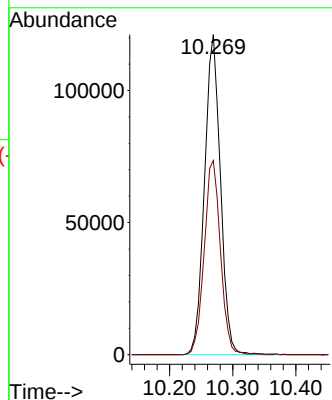
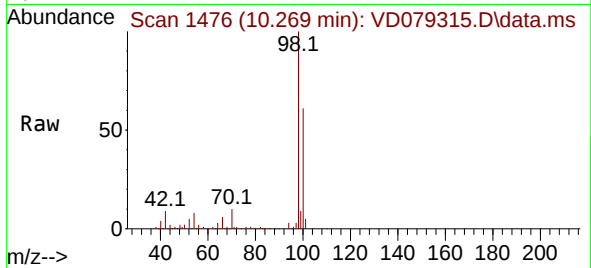




#50
Toluene-d8
Concen: 36.497 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

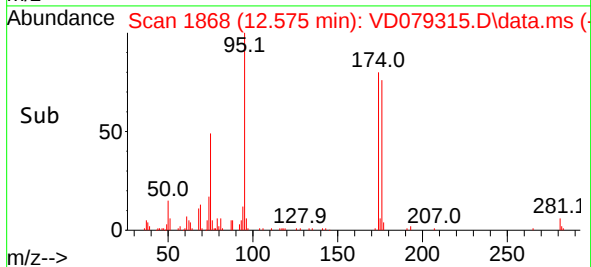
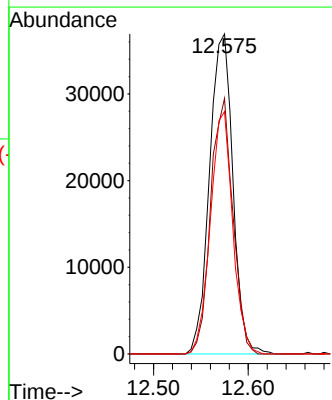
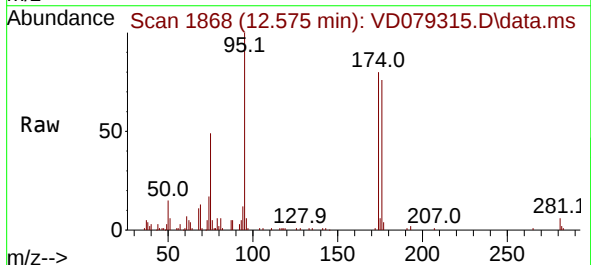
Instrument :
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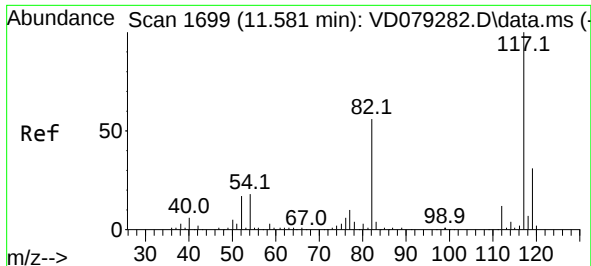
Tgt Ion: 98 Resp: 211934
Ion Ratio Lower Upper
98 100
100 62.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.027 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion: 95 Resp: 63362
Ion Ratio Lower Upper
95 100
174 76.1 0.0 195.4
176 72.6 0.0 192.6

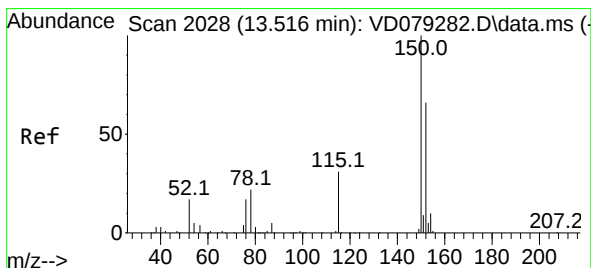
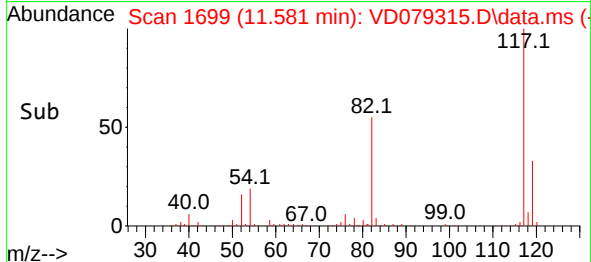
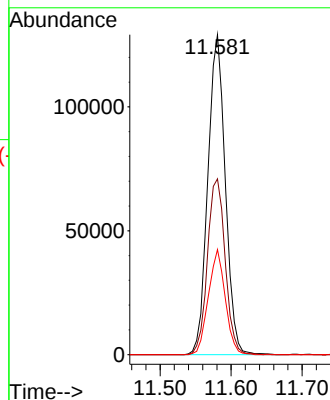
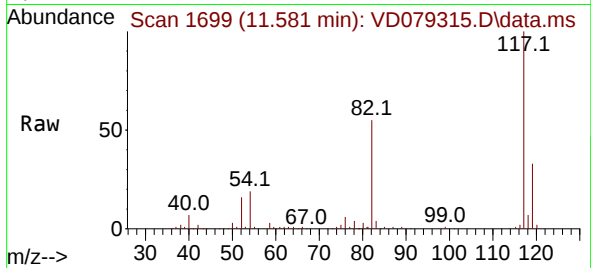




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

Tgt Ion:117 Resp: 220743
Ion Ratio Lower Upper
117 100
82 54.9 39.8 59.6
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion:152 Resp: 71694
Ion Ratio Lower Upper
152 100
115 58.8 26.5 79.5
150 153.9 0.0 341.6

