

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079316.D
 Acq On : 02 Jul 2024 13:57
 Operator : RP/MD
 Sample : P3111-02RE
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOCRE

Quant Time: Jul 03 01:22:02 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	7.875	168	60654	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	132082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	116696	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51876	90.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.600%#
35) Dibromofluoromethane	7.811	113	50413	58.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.300%
50) Toluene-d8	10.269	98	116320	37.294	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.580%
62) 4-Bromofluorobenzene	12.569	95	33822	33.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.640%

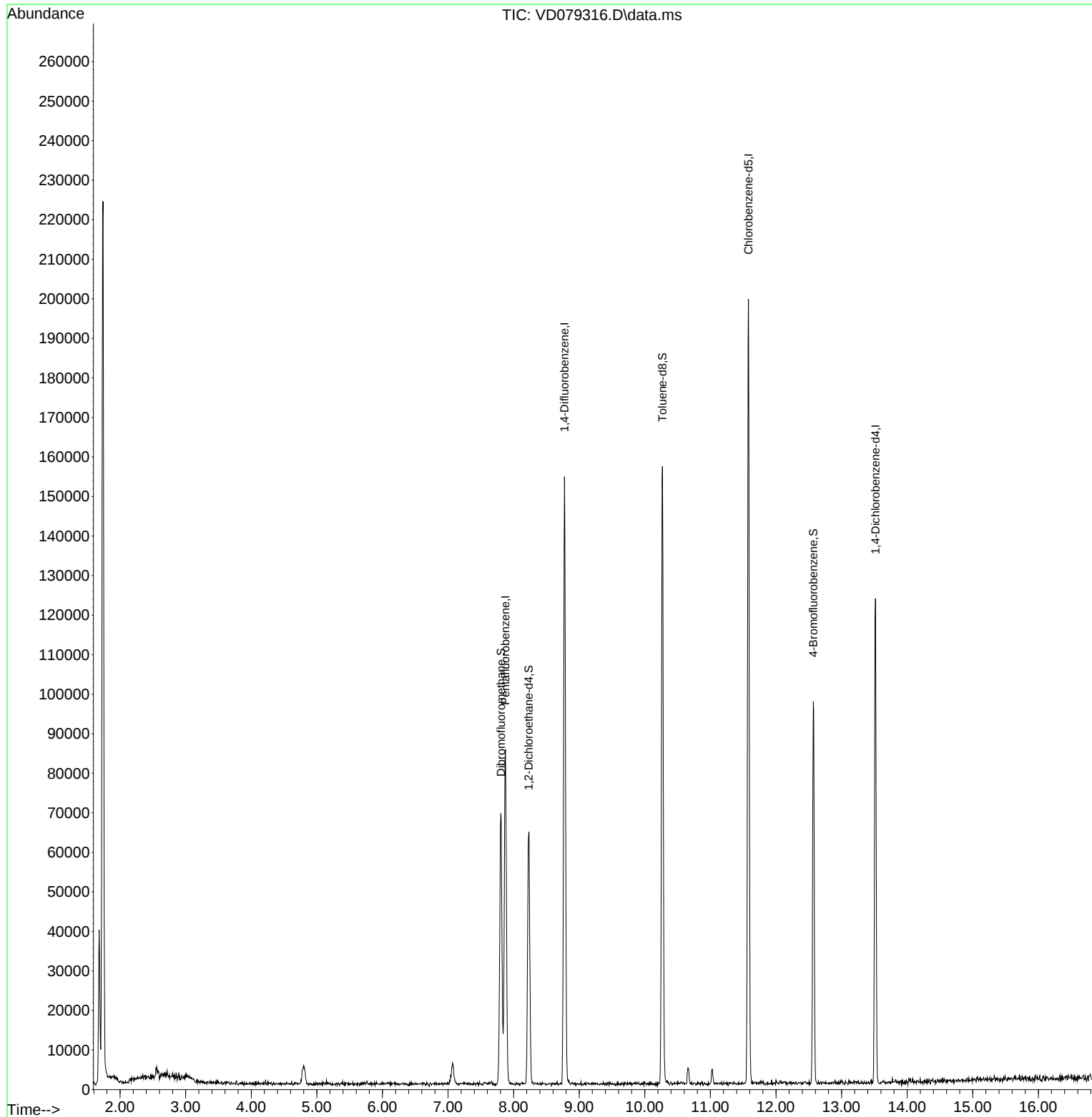
Target Compounds	Qvalue

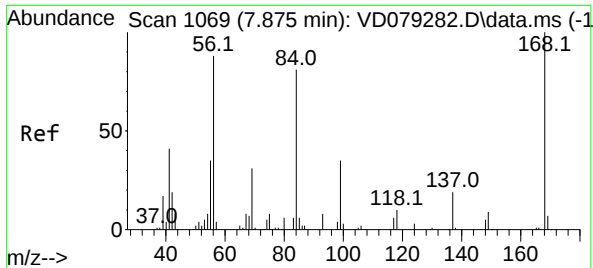
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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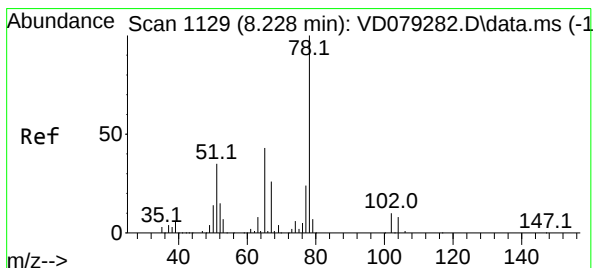
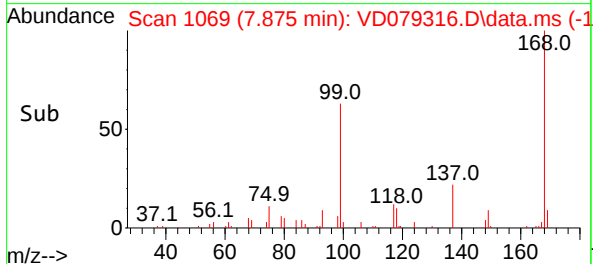
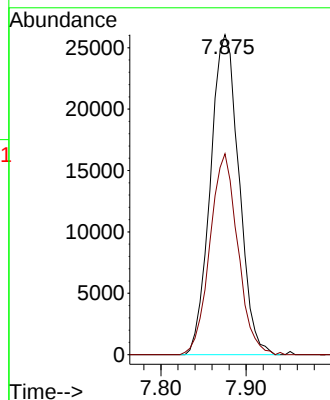
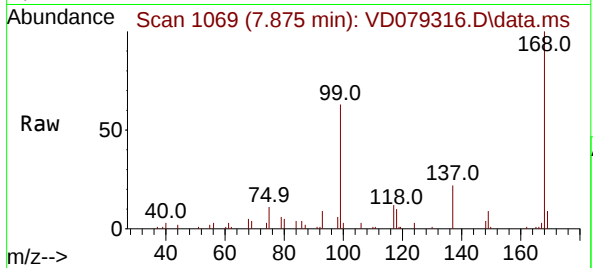




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079316.D
Acq: 02 Jul 2024 13:57

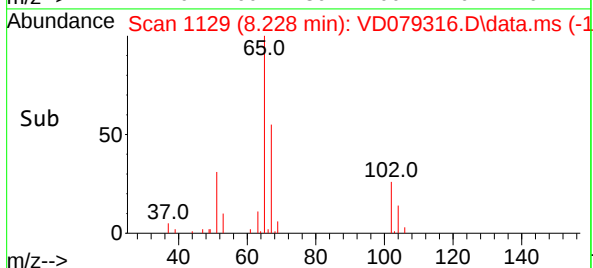
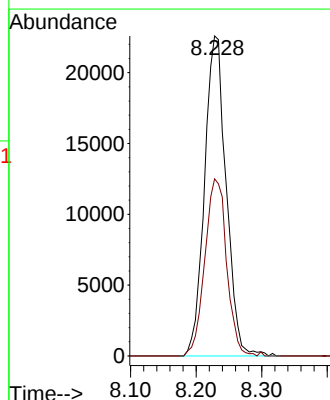
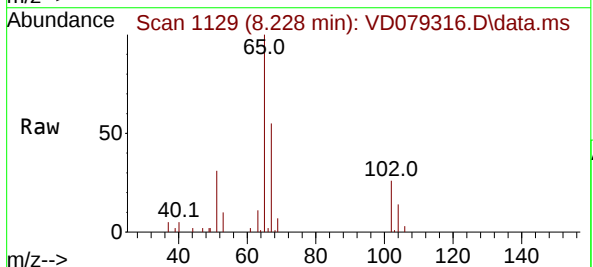
Instrument :
MSVOA_D
ClientSampleId :
VOCRE

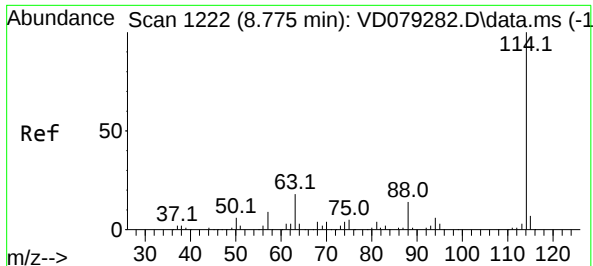
Tgt Ion:168 Resp: 60654
Ion Ratio Lower Upper
168 100
99 62.8 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 90.799 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079316.D
Acq: 02 Jul 2024 13:57

Tgt Ion: 65 Resp: 51876
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079316.D

Acq: 02 Jul 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VOCRE

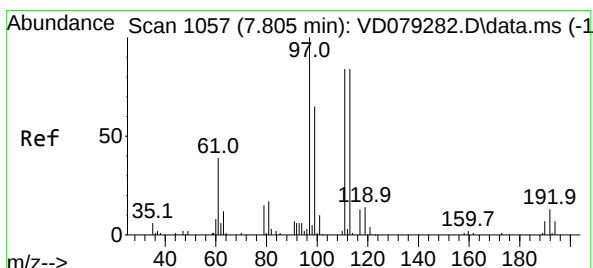
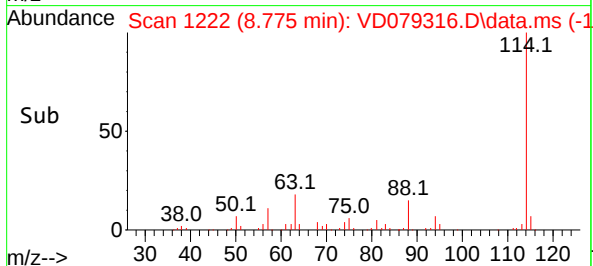
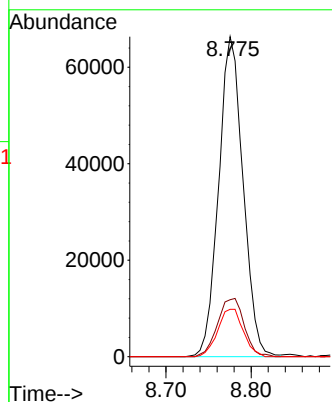
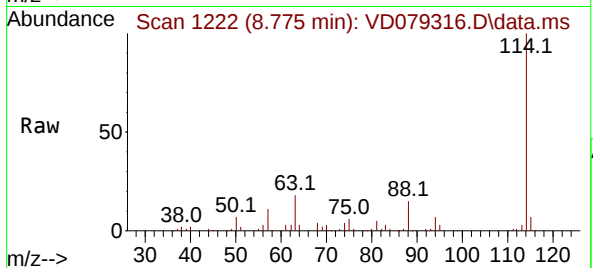
Tgt Ion:114 Resp: 132082

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.148 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079316.D

Acq: 02 Jul 2024 13:57

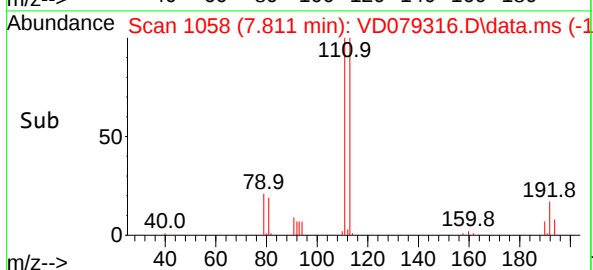
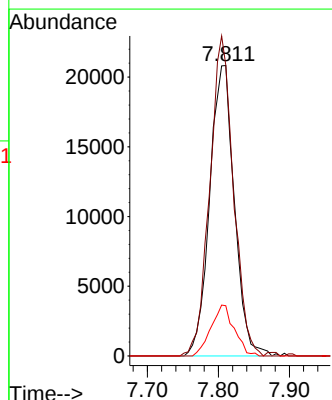
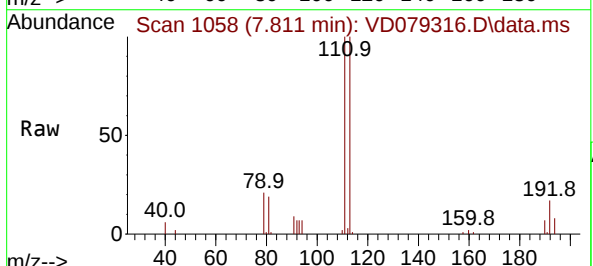
Tgt Ion:113 Resp: 50413

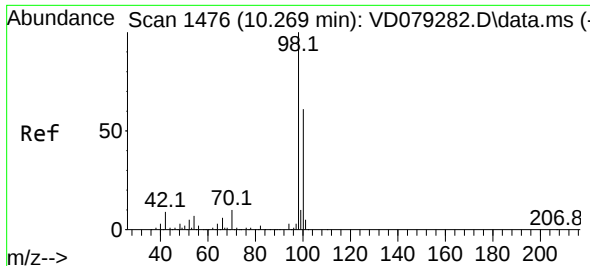
Ion Ratio Lower Upper

113 100

111 105.4 84.0 126.0

192 16.5 15.4 23.0

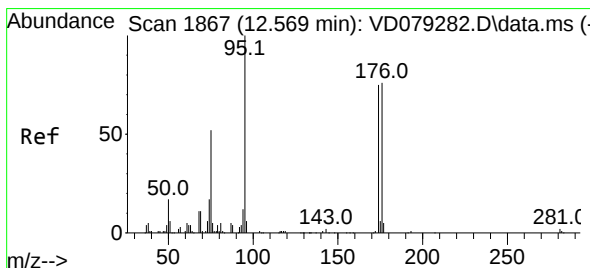
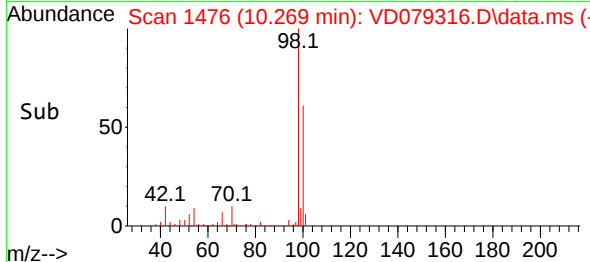
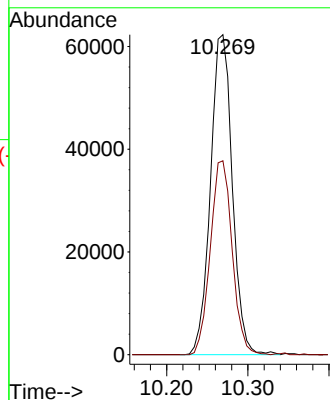
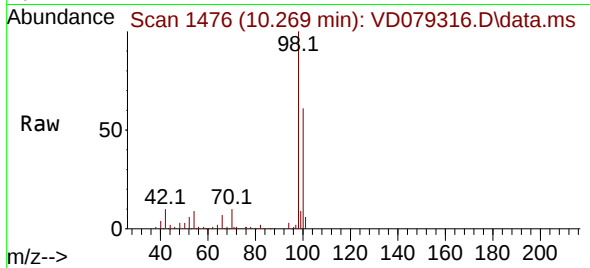




#50
Toluene-d8
Concen: 37.294 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079316.D
Acq: 02 Jul 2024 13:57

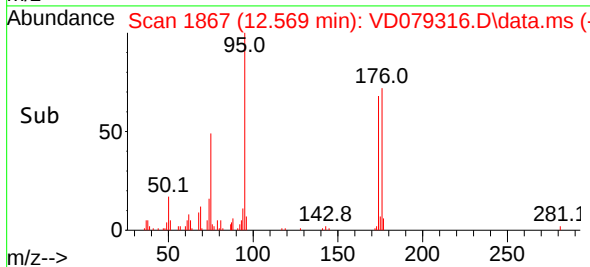
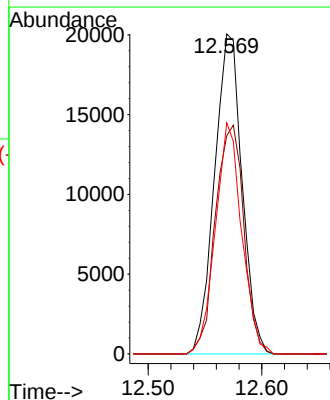
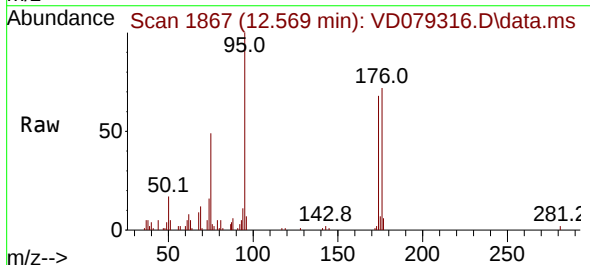
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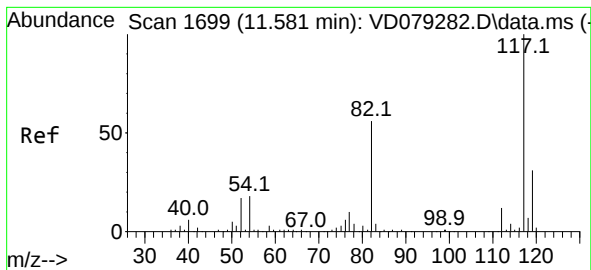
Tgt Ion: 98 Resp: 116320
Ion Ratio Lower Upper
98 100
100 60.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 33.817 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079316.D
Acq: 02 Jul 2024 13:57

Tgt Ion: 95 Resp: 33822
Ion Ratio Lower Upper
95 100
174 73.6 0.0 195.4
176 69.2 0.0 192.6

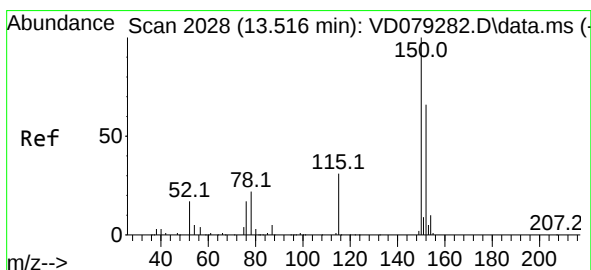
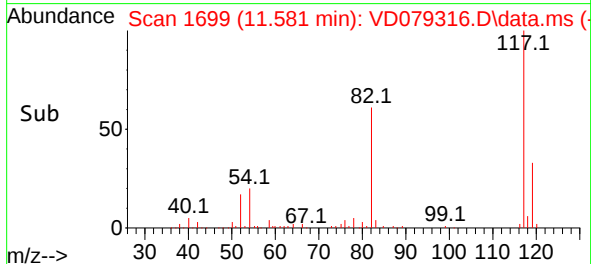
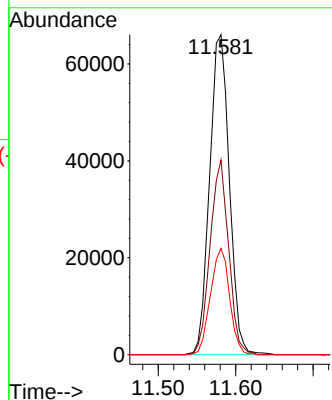
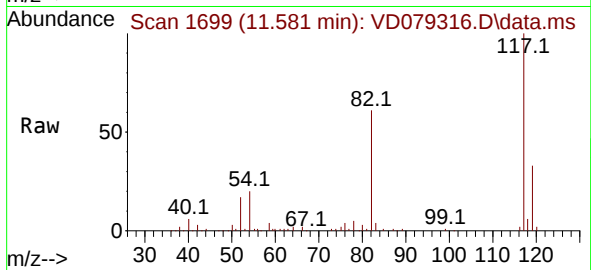




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 116696
Delta R.T. 0.000 min
Lab File: VD079316.D
Acq: 02 Jul 2024 13:57

Instrument :
MSVOA_D
ClientSampleId :
VOCRE

Tgt Ion:117 Resp: 116696
Ion Ratio Lower Upper
117 100
82 60.8 39.8 59.6#
119 33.2 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: VD079316.D
Acq: 02 Jul 2024 13:57

Tgt Ion:152 Resp: 32584
Ion Ratio Lower Upper
152 100
115 64.1 26.5 79.5
150 156.1 0.0 341.6

