

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079498.D
 Acq On : 31 Jul 2024 15:56
 Operator : RP/MD
 Sample : P3379-05
 Misc : 6.94G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-03-072324

Quant Time: Aug 01 01:52:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	157215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	286792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	256383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92461	57.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.804	113	108477	55.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.760%
50) Toluene-d8	10.269	98	387225	51.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.569	95	93144	42.699	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.400%

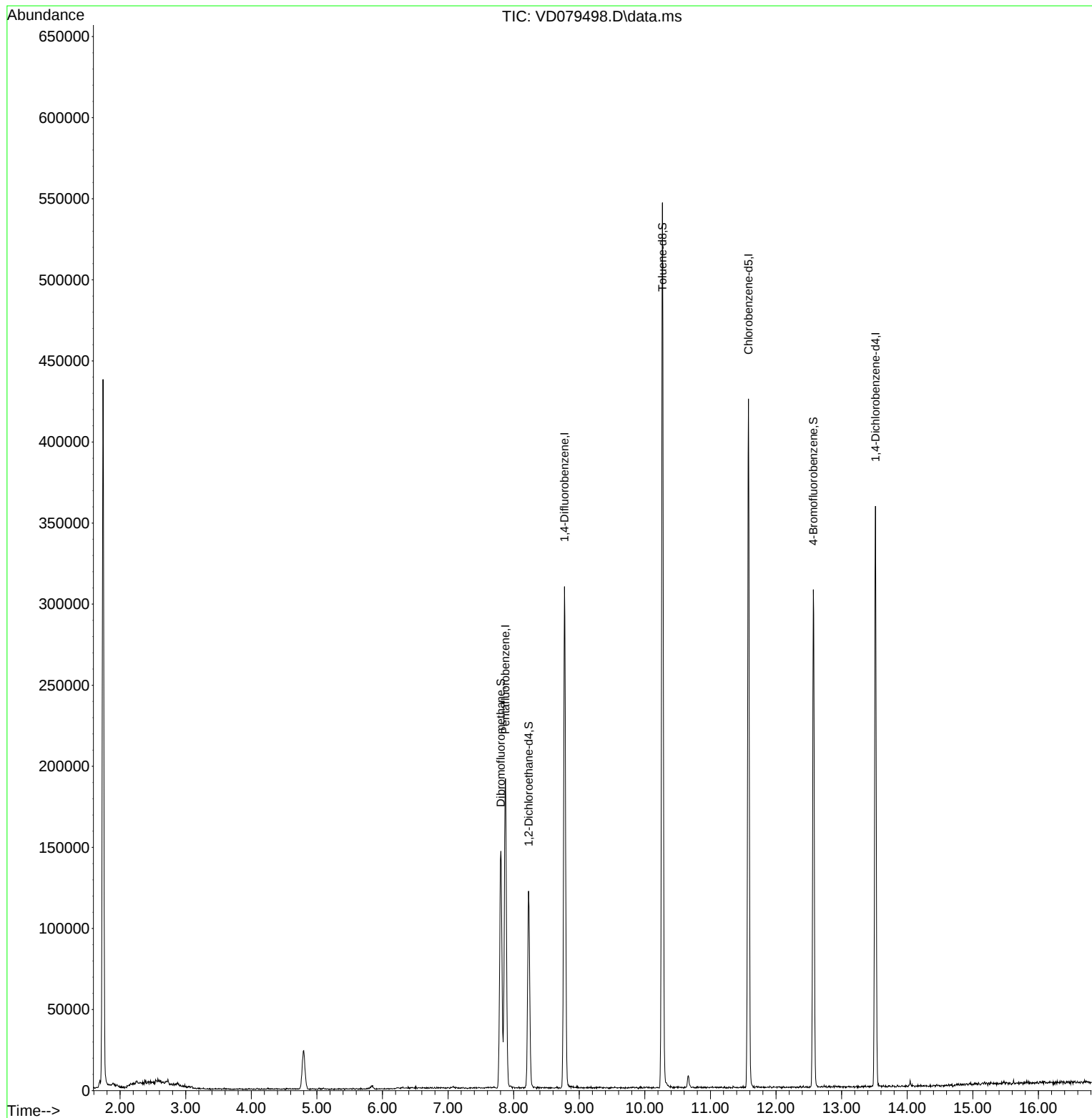
Target Compounds	Qvalue

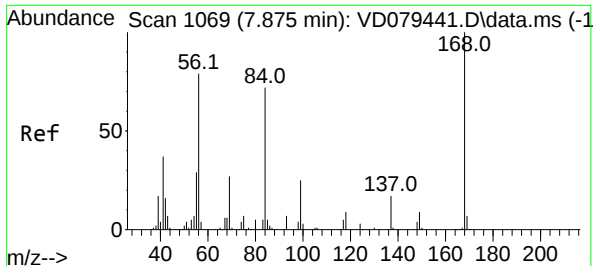
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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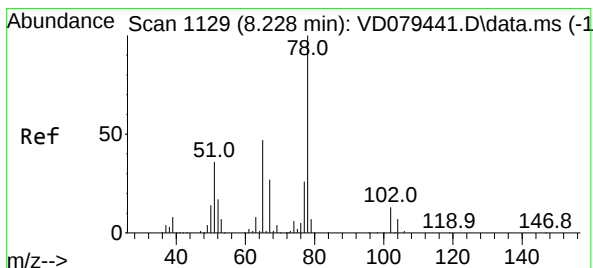
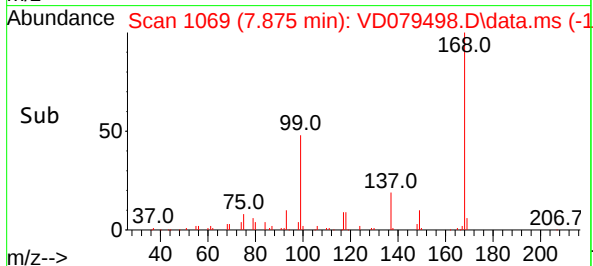
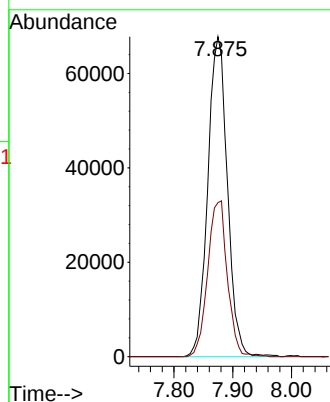
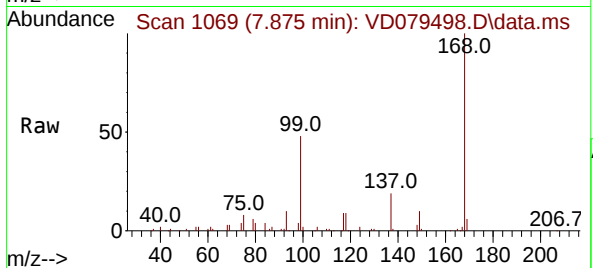




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

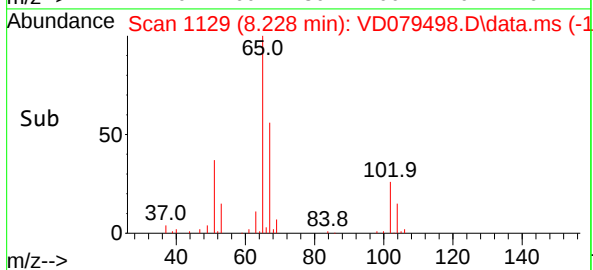
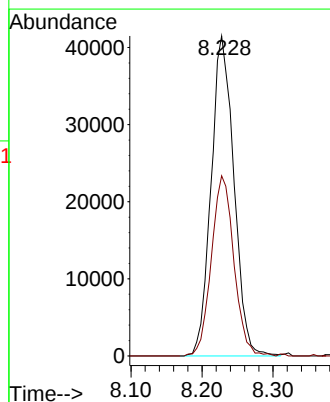
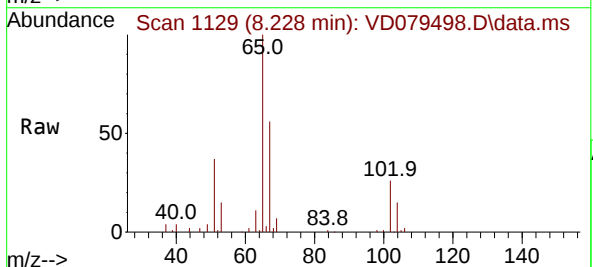
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

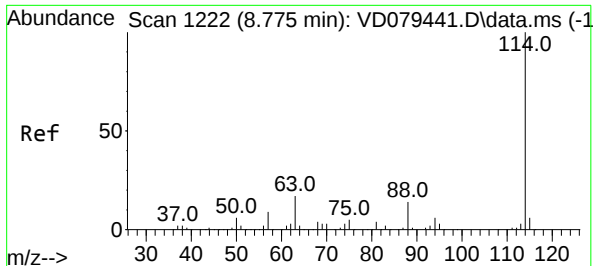
Tgt Ion:168 Resp: 157215
Ion Ratio Lower Upper
168 100
99 48.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 57.891 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 65 Resp: 92461
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: VD079498.D

Acq: 31 Jul 2024 15:56

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-03-072324

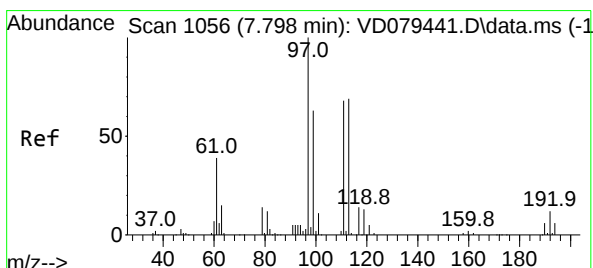
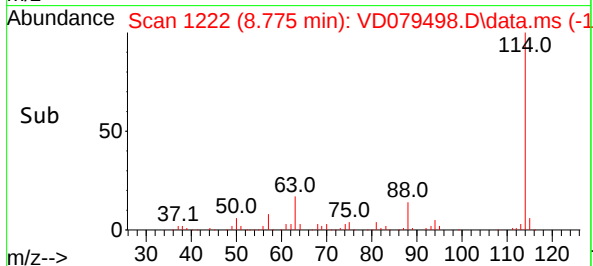
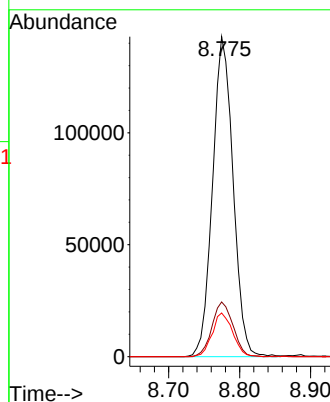
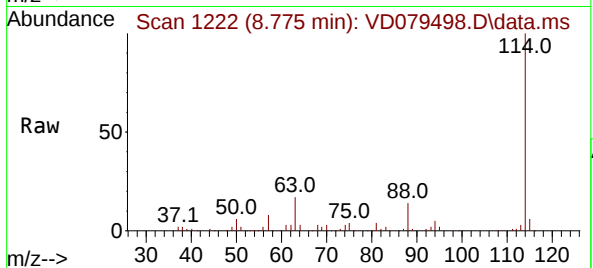
Tgt Ion:114 Resp: 286792

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.883 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079498.D

Acq: 31 Jul 2024 15:56

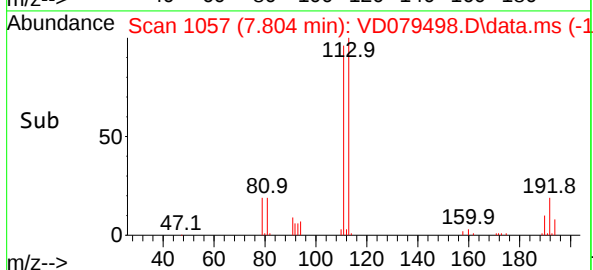
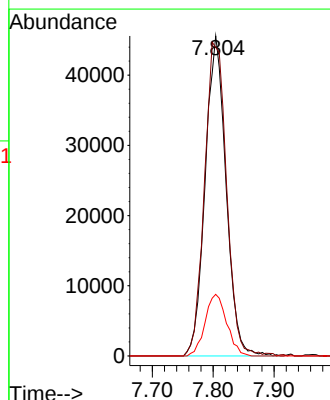
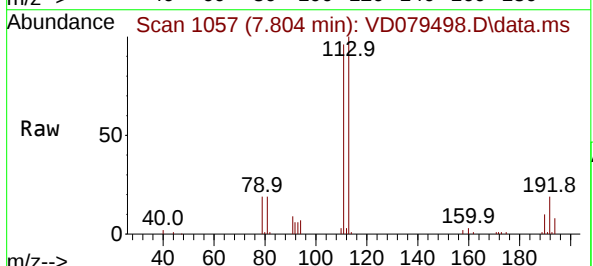
Tgt Ion:113 Resp: 108477

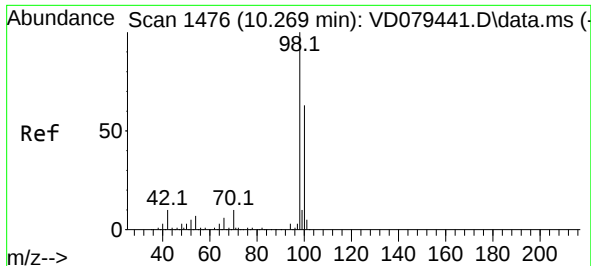
Ion Ratio Lower Upper

113 100

111 104.1 84.0 126.0

192 20.0 15.4 23.0

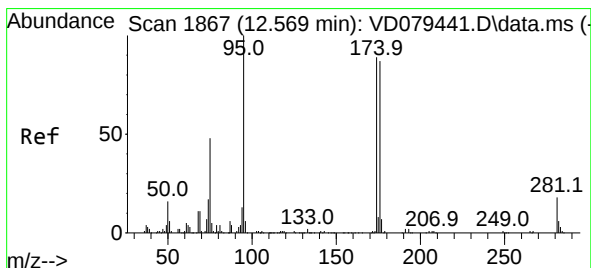
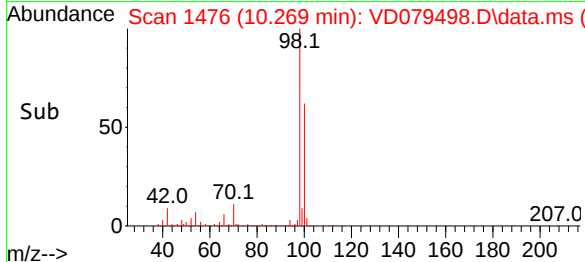
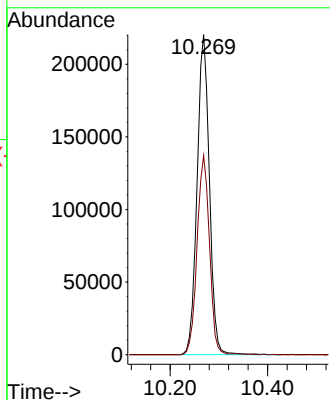
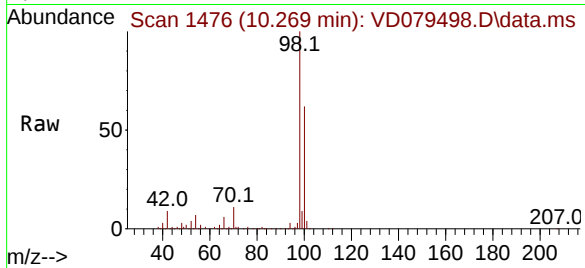




#50
Toluene-d8
Concen: 51.369 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

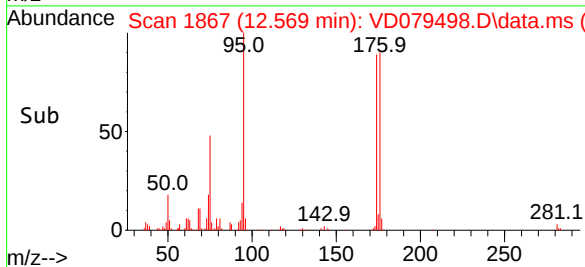
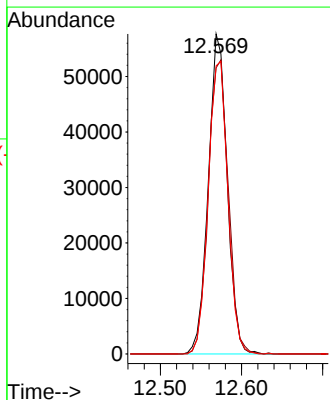
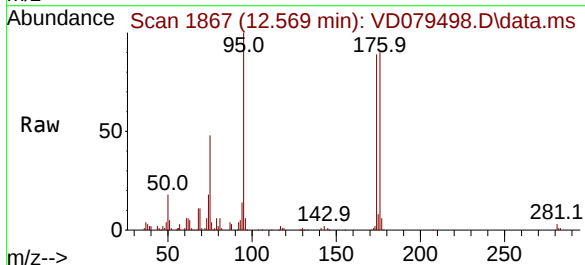
Instrument :
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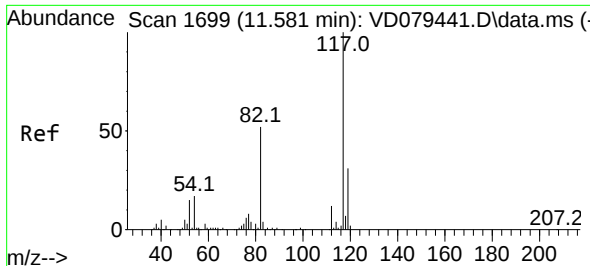
Tgt Ion: 98 Resp: 387225
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.699 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion: 95 Resp: 93144
Ion Ratio Lower Upper
95 100
174 97.4 0.0 195.4
176 94.8 0.0 192.6

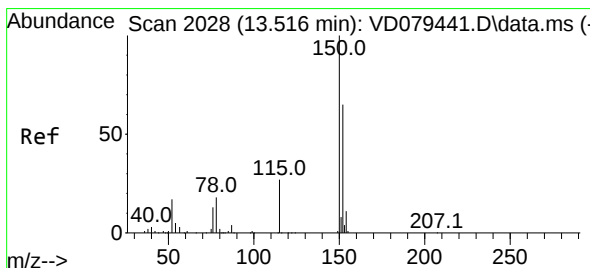
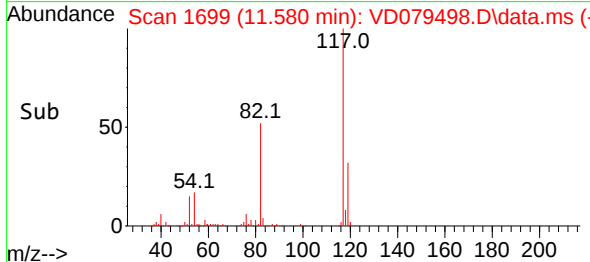
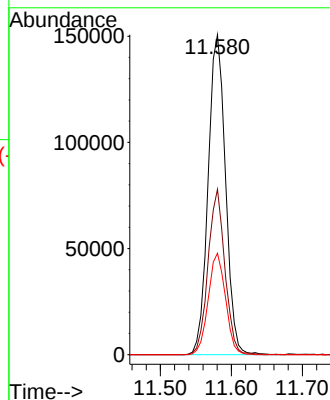
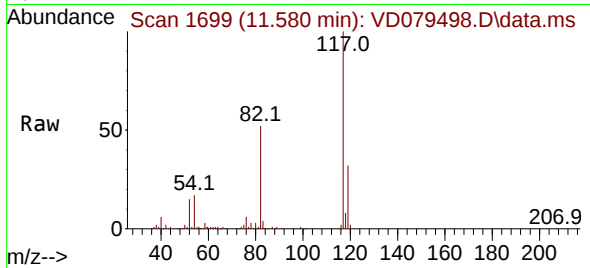




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-03-072324

Tgt Ion:117 Resp: 256383
Ion Ratio Lower Upper
117 100
82 51.7 39.8 59.6
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.005 min
Lab File: VD079498.D
Acq: 31 Jul 2024 15:56

Tgt Ion:152 Resp: 100782
Ion Ratio Lower Upper
152 100
115 54.5 26.5 79.5
150 156.0 0.0 341.6

