

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079755.D
 Acq On : 30 Aug 2024 15:17
 Operator : RP/MD
 Sample : VD0830SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0830SBL01

Quant Time: Aug 31 04:43:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	124856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	255308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86587	50.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.720%
35) Dibromofluoromethane	7.805	113	82729	49.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.269	98	338969	47.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.569	95	85663	43.016	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.040%

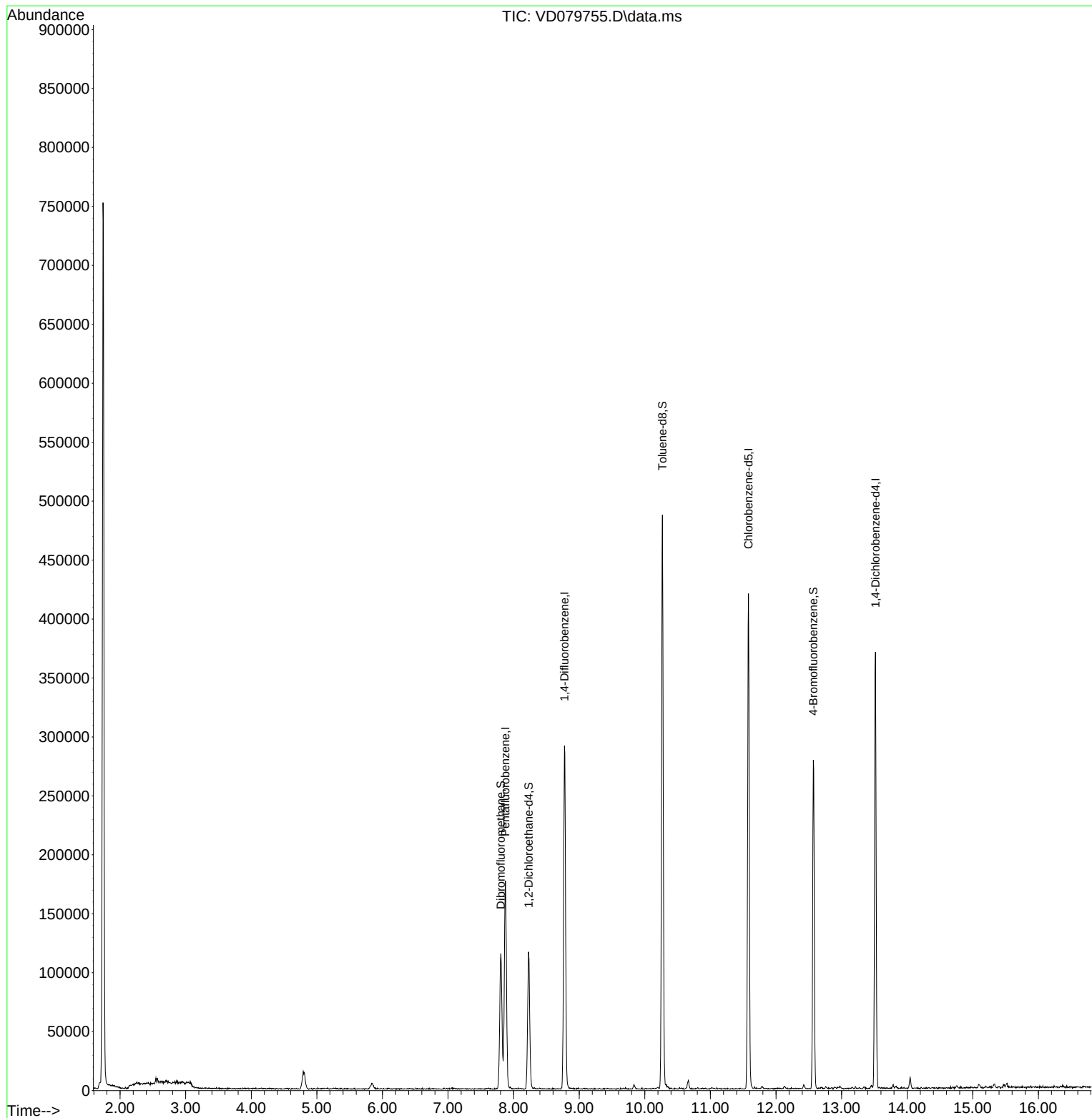
Target Compounds	Qvalue

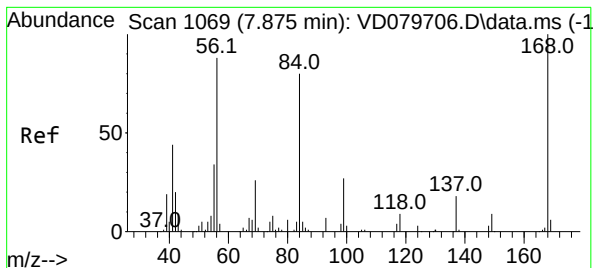
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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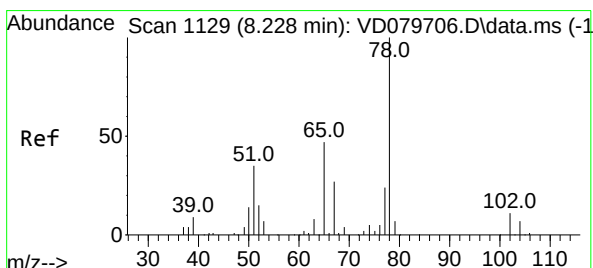
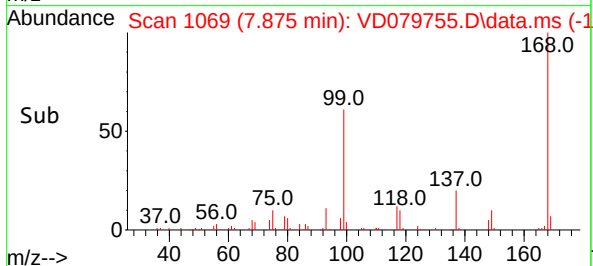
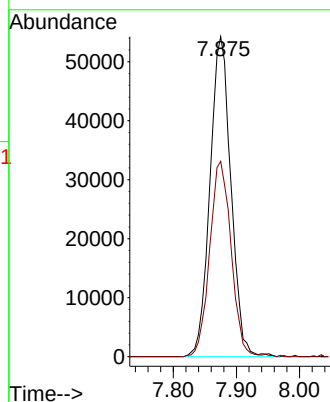
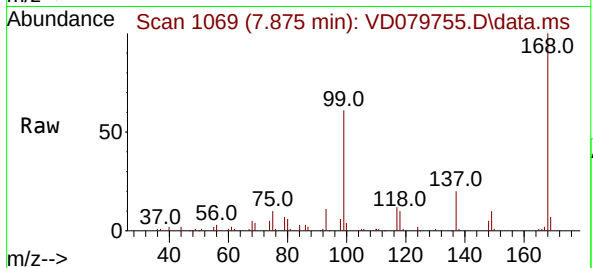




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

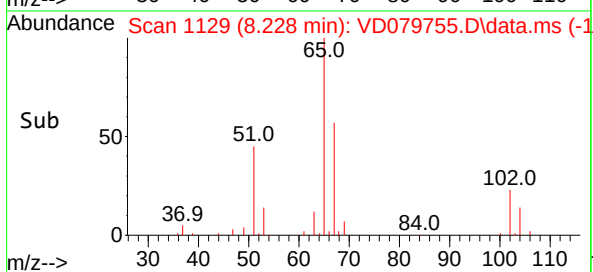
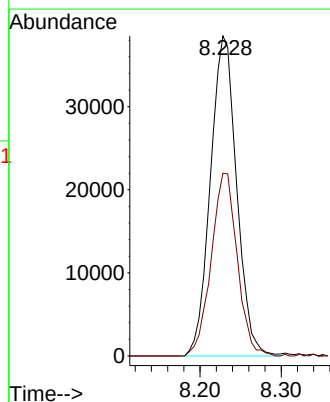
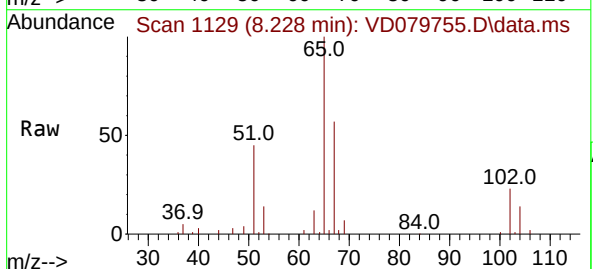
Instrument :
MSVOA_D
ClientSampleId :
VD0830SBL01

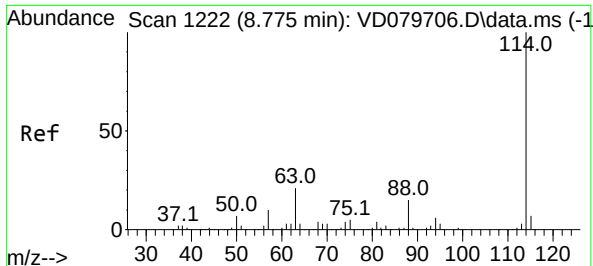
Tgt Ion:168 Resp: 124856
Ion Ratio Lower Upper
168 100
99 61.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 50.862 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

Tgt Ion: 65 Resp: 86587
Ion Ratio Lower Upper
65 100
67 56.6 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: VD079755.D

Acq: 30 Aug 2024 15:17

Instrument :

MSVOA_D

ClientSampleId :

VD0830SBL01

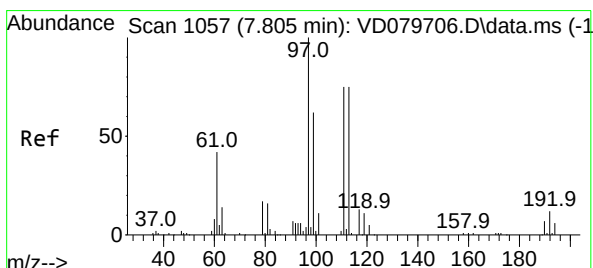
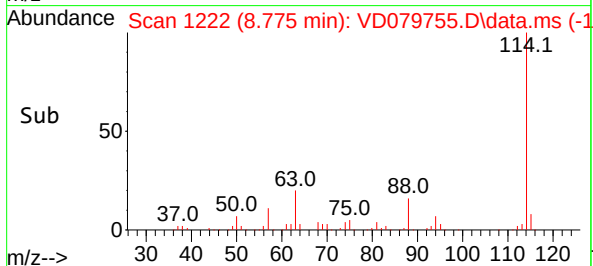
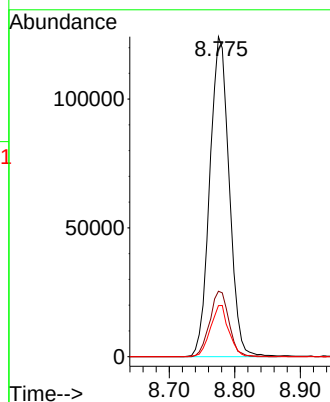
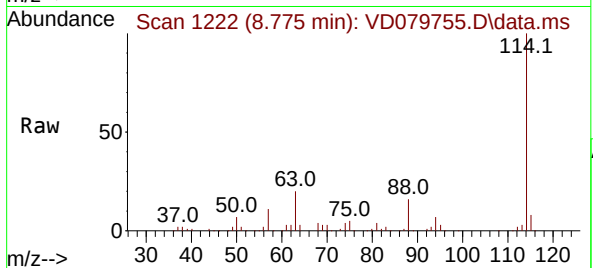
Tgt Ion:114 Resp: 255308

Ion Ratio Lower Upper

114 100

63 20.5 0.0 34.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.852 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079755.D

Acq: 30 Aug 2024 15:17

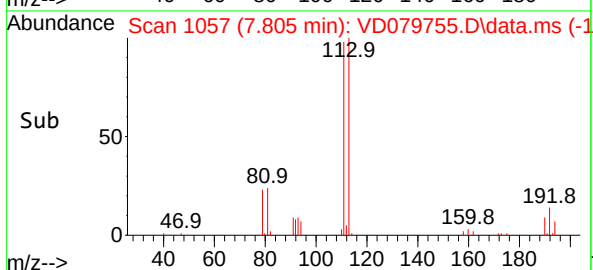
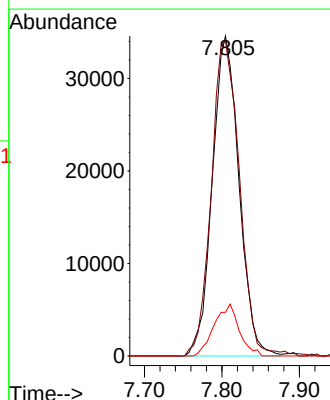
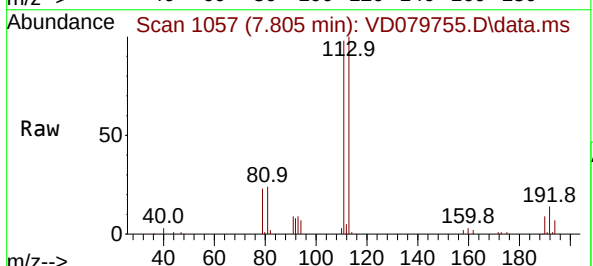
Tgt Ion:113 Resp: 82729

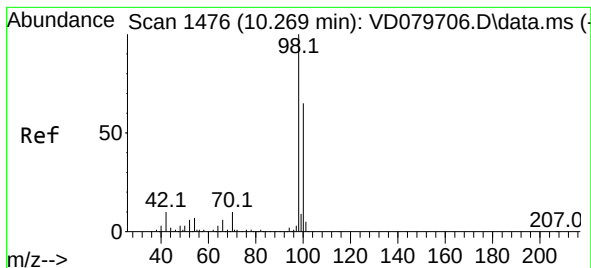
Ion Ratio Lower Upper

113 100

111 104.1 84.0 126.0

192 15.2 15.4 23.0#





#50

Toluene-d8

Concen: 47.627 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079755.D

Acq: 30 Aug 2024 15:17

Instrument :

MSVOA_D

ClientSampleId :

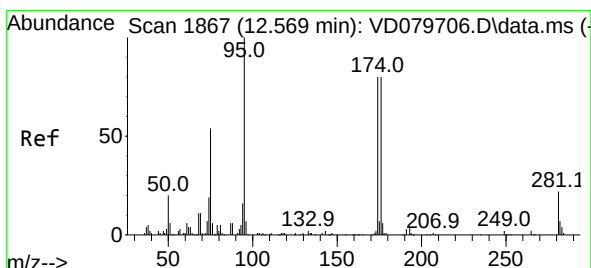
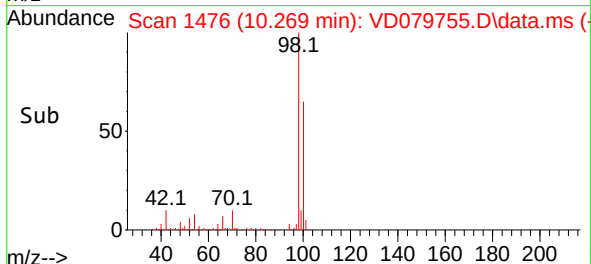
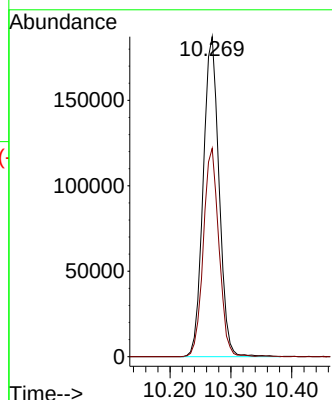
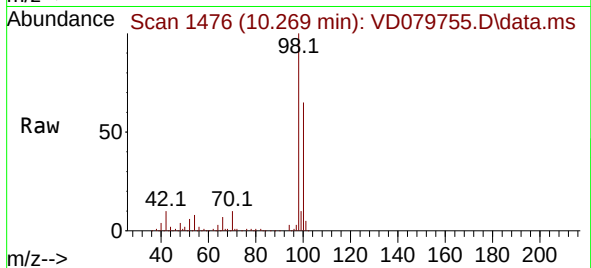
VD0830SBL01

Tgt Ion: 98 Resp: 338969

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.016 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD079755.D

Acq: 30 Aug 2024 15:17

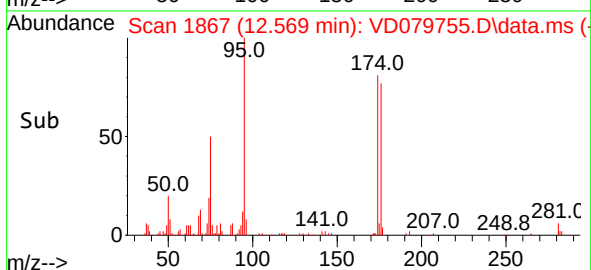
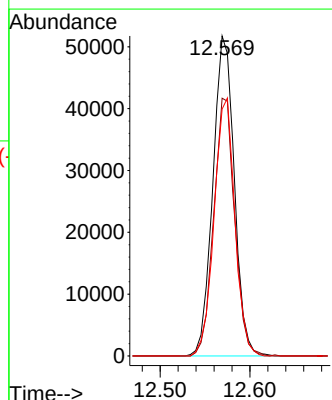
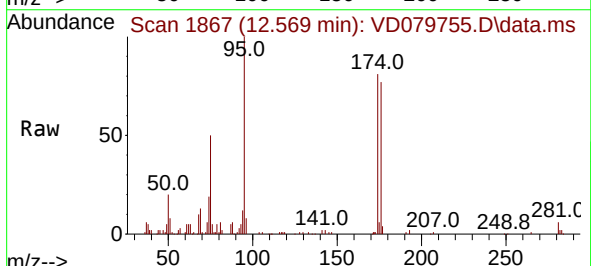
Tgt Ion: 95 Resp: 85663

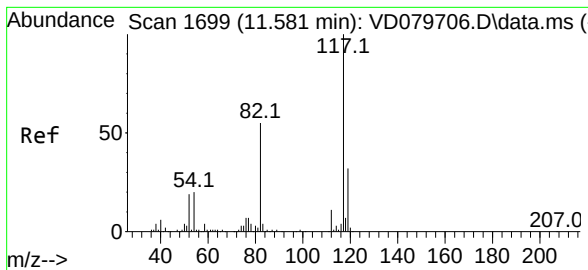
Ion Ratio Lower Upper

95 100

174 79.1 0.0 195.4

176 78.2 0.0 192.6

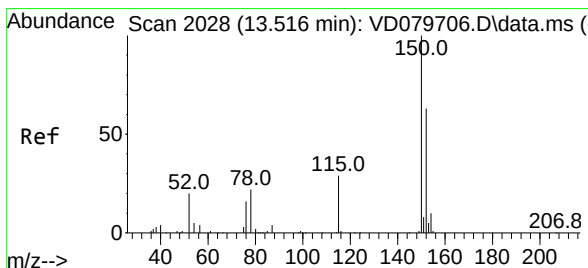
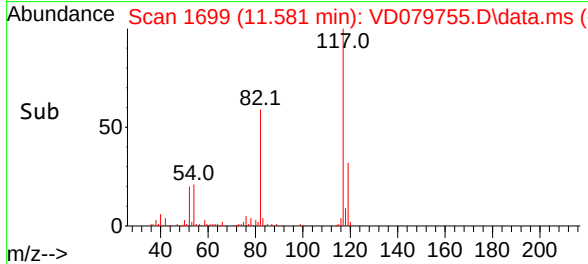
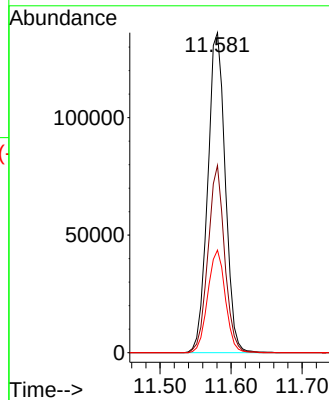
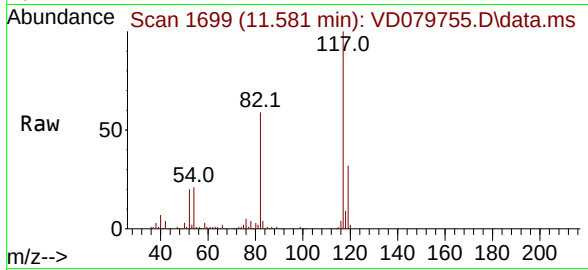




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079755.D
Acq: 30 Aug 2024 15:17

Instrument :
MSVOA_D
ClientSampleId :
VD0830SBL01

Tgt Ion:117 Resp: 233408
Ion Ratio Lower Upper
117 100
82 58.5 39.8 59.6
119 32.1 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: VD079755.D
Acq: 30 Aug 2024 15:17

Tgt Ion:152 Resp: 96406
Ion Ratio Lower Upper
152 100
115 60.1 26.5 79.5
150 156.0 0.0 341.6

