

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079691.D
 Acq On : 09 Aug 2024 14:17
 Operator : RP/MD
 Sample : P3474-06
 Misc : 6.64G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-B1-GRAB

Quant Time: Aug 10 02:09:46 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	212472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	419589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	357363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88239	40.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.760%
35) Dibromofluoromethane	7.810	113	100114	35.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.500%
50) Toluene-d8	10.269	98	383681	34.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	69.580%
62) 4-Bromofluorobenzene	12.569	95	96451	30.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.440%

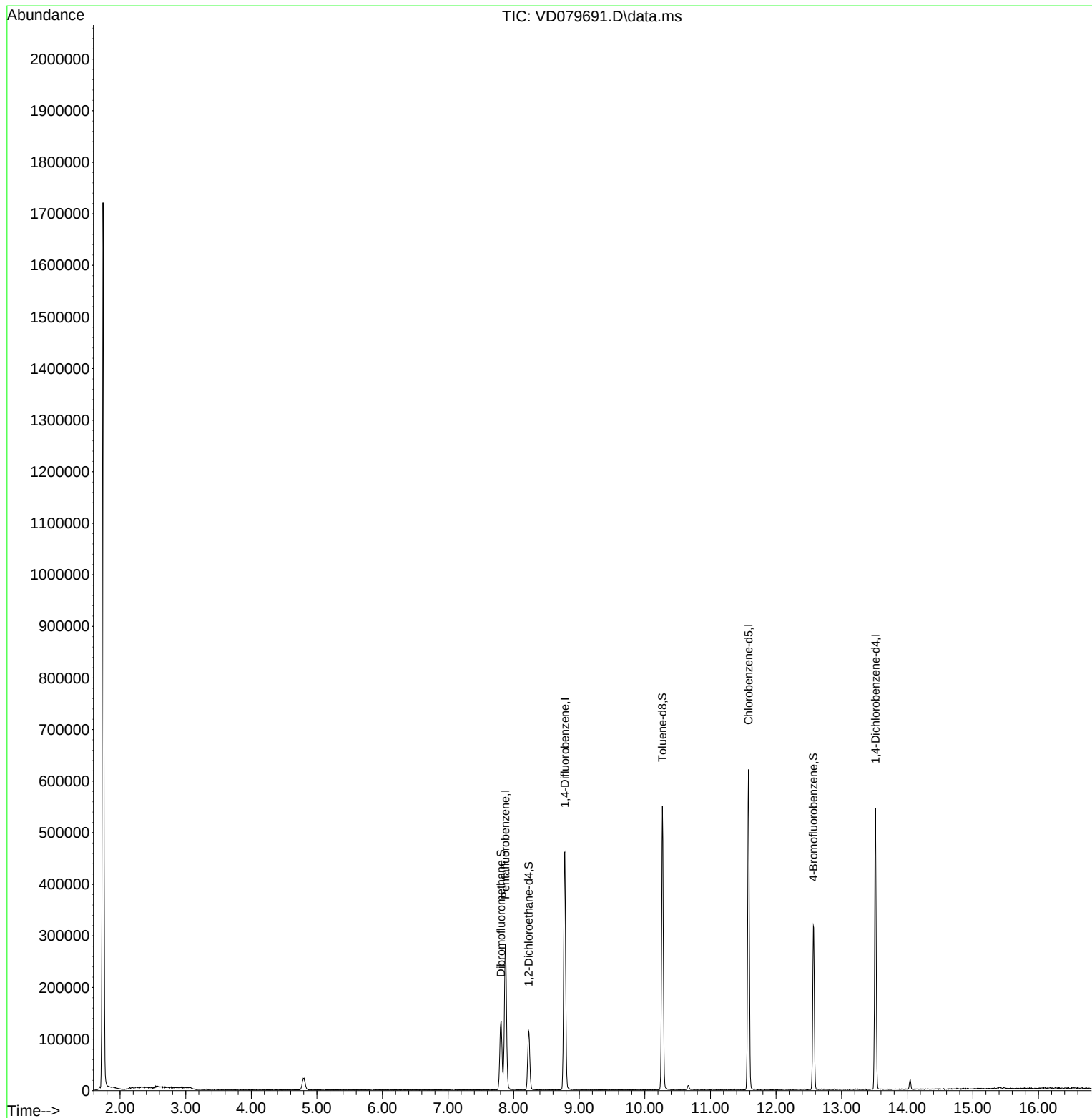
Target Compounds	Qvalue

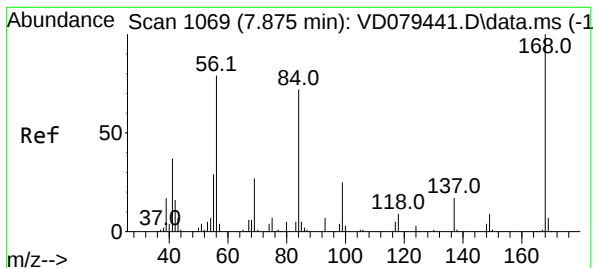
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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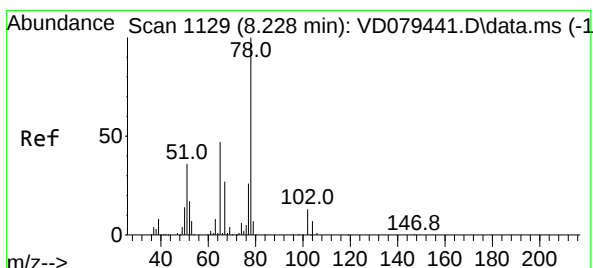
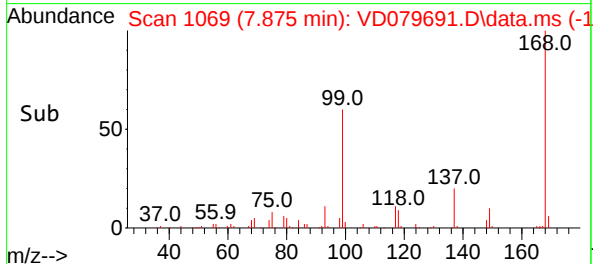
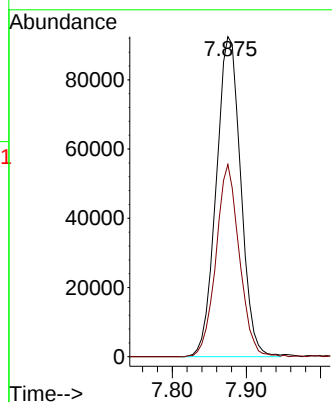
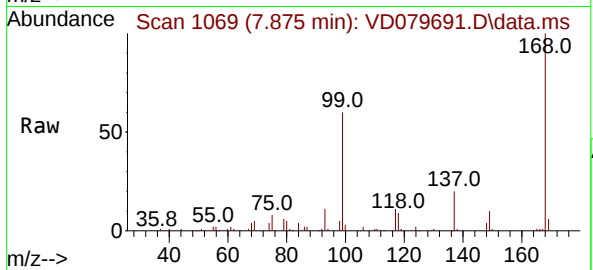




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079691.D
Acq: 09 Aug 2024 14:17

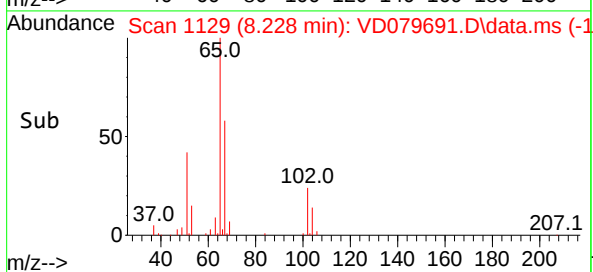
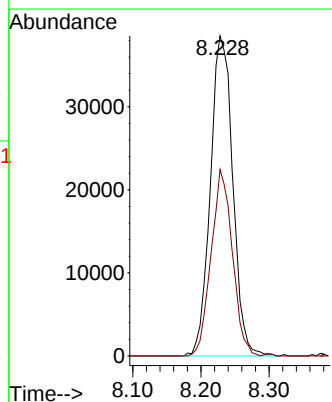
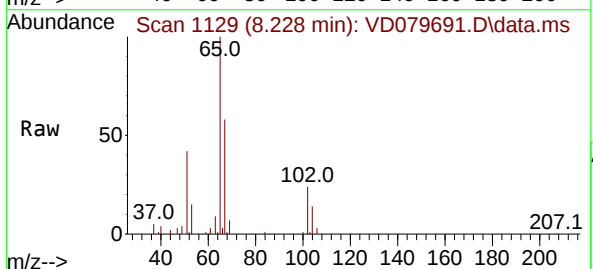
Instrument :
MSVOA_D
ClientSampleId :
WC-B1-GRAB

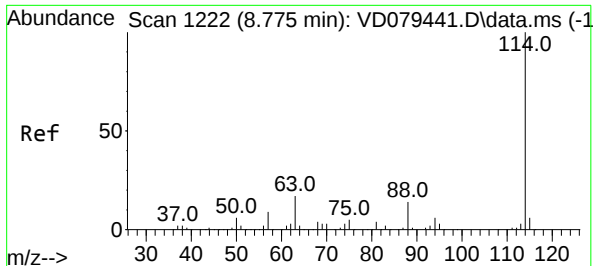
Tgt Ion:168 Resp: 212472
Ion Ratio Lower Upper
168 100
99 60.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 40.880 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079691.D
Acq: 09 Aug 2024 14:17

Tgt Ion: 65 Resp: 88239
Ion Ratio Lower Upper
65 100
67 55.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079691.D

Acq: 09 Aug 2024 14:17

Instrument :

MSVOA_D

ClientSampleId :

WC-B1-GRAB

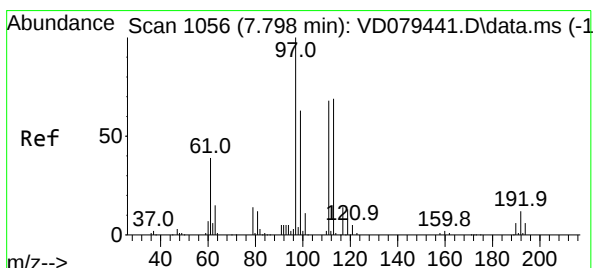
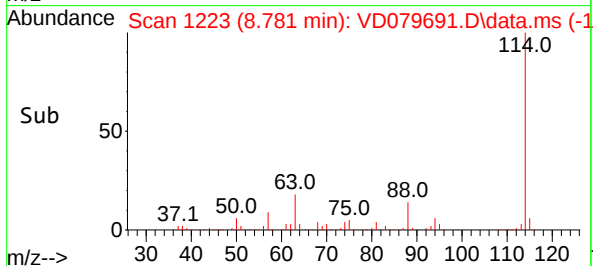
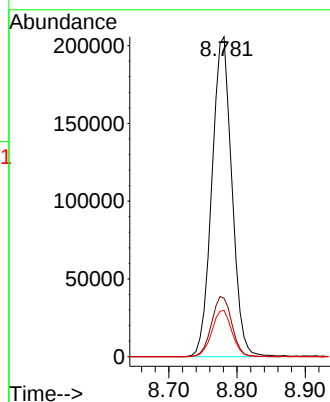
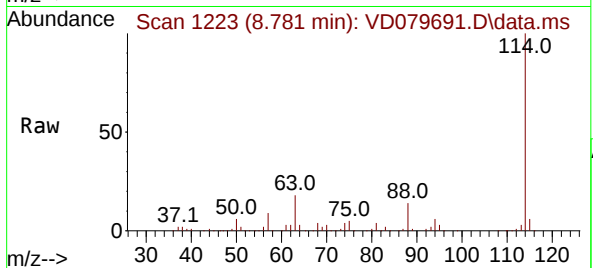
Tgt Ion:114 Resp: 419589

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 35.252 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079691.D

Acq: 09 Aug 2024 14:17

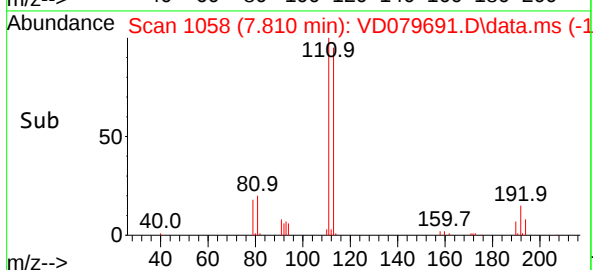
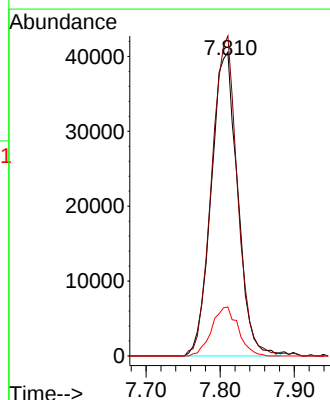
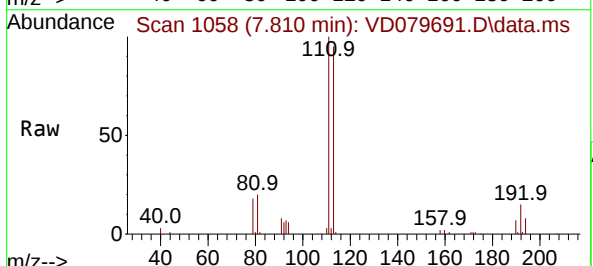
Tgt Ion:113 Resp: 100114

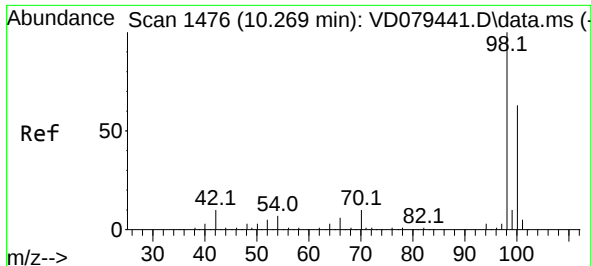
Ion Ratio Lower Upper

113 100

111 103.6 84.0 126.0

192 16.2 15.4 23.0

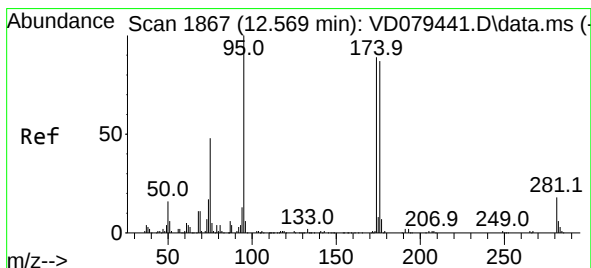
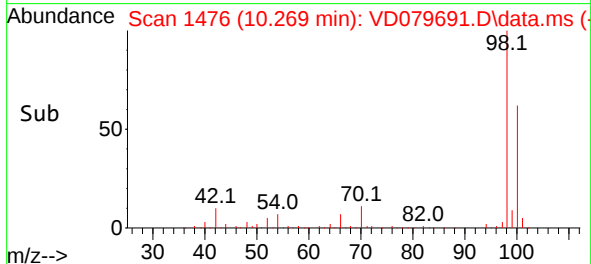
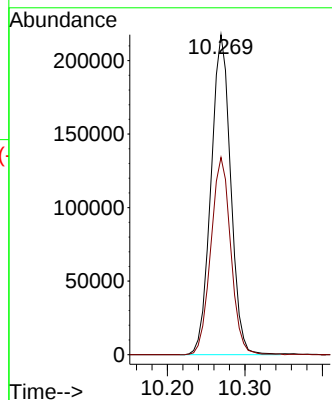
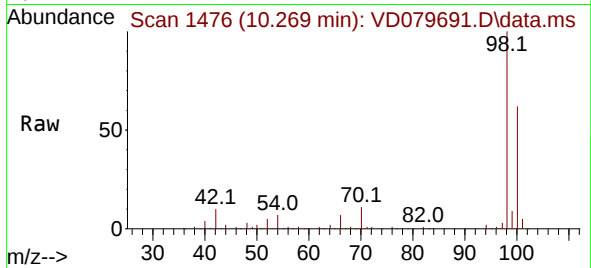




#50
Toluene-d8
Concen: 34.789 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079691.D
Acq: 09 Aug 2024 14:17

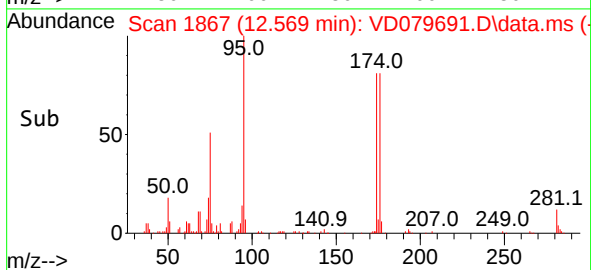
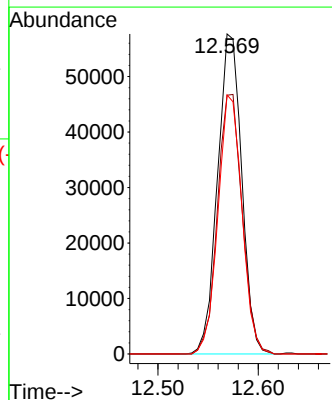
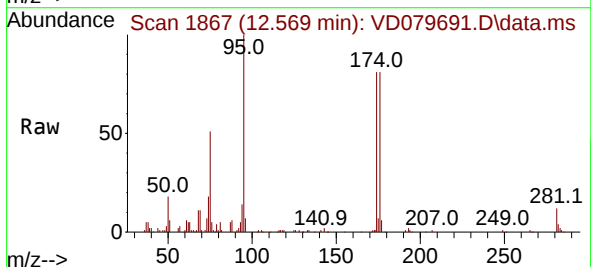
Instrument :
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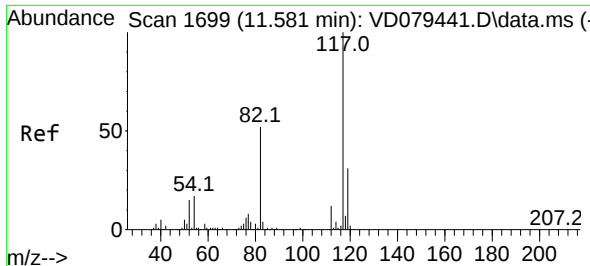
Tgt Ion: 98 Resp: 383681
Ion Ratio Lower Upper
98 100
100 62.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 30.221 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079691.D
Acq: 09 Aug 2024 14:17

Tgt Ion: 95 Resp: 96451
Ion Ratio Lower Upper
95 100
174 83.0 0.0 195.4
176 80.3 0.0 192.6

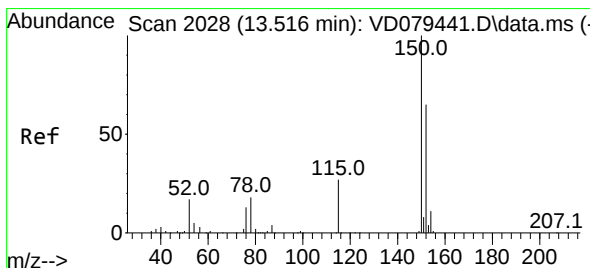
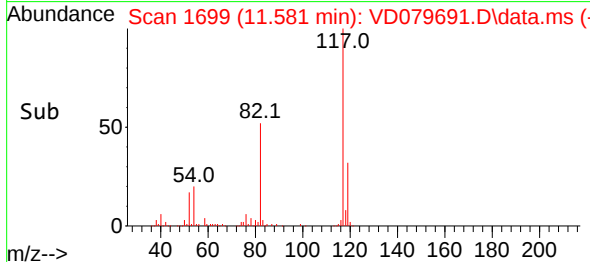
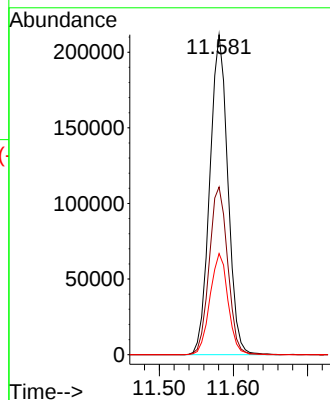
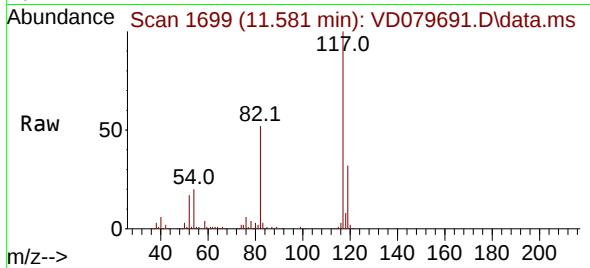




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079691.D
Acq: 09 Aug 2024 14:17

Instrument :
MSVOA_D
ClientSampleId :
WC-B1-GRAB

Tgt Ion:117 Resp: 357363
Ion Ratio Lower Upper
117 100
82 52.4 39.8 59.6
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079691.D
Acq: 09 Aug 2024 14:17

Tgt Ion:152 Resp: 144774
Ion Ratio Lower Upper
152 100
115 58.1 26.5 79.5
150 157.7 0.0 341.6

