

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079679.D
 Acq On : 08 Aug 2024 20:48
 Operator : RP/MD
 Sample : P3489-02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Aug 09 01:13:11 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	139968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	244668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90483	63.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.260%
35) Dibromofluoromethane	7.805	113	86548	52.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.520%
50) Toluene-d8	10.269	98	207721	32.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	64.600%
62) 4-Bromofluorobenzene	12.569	95	26233	14.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	28.200%#

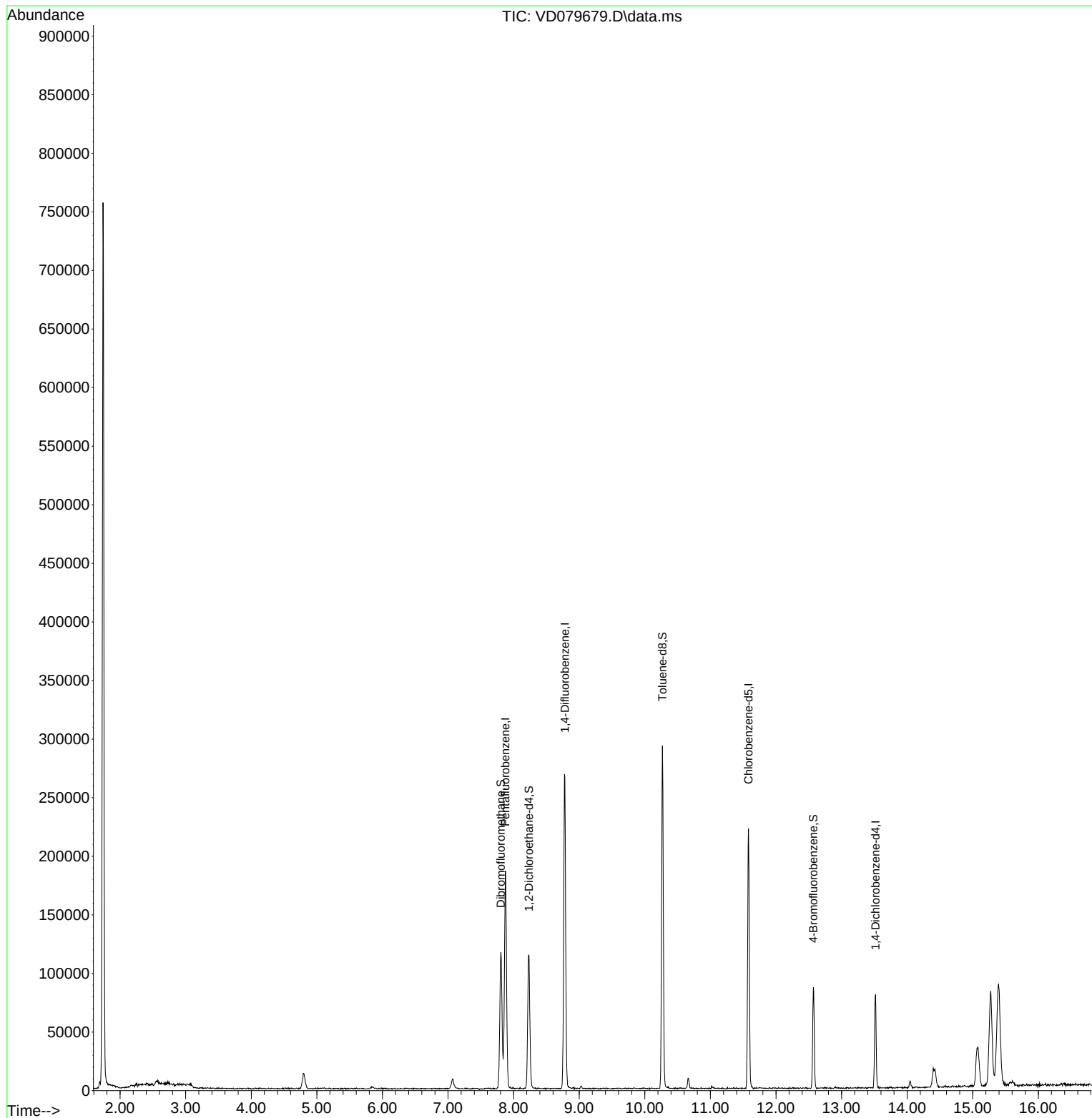
Target Compounds	Qvalue

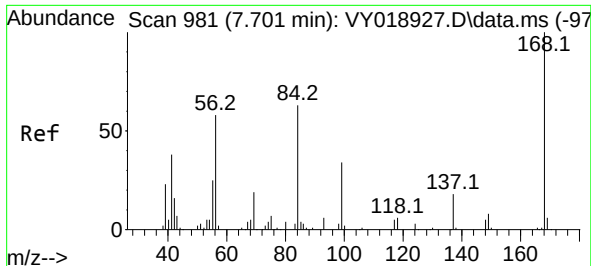
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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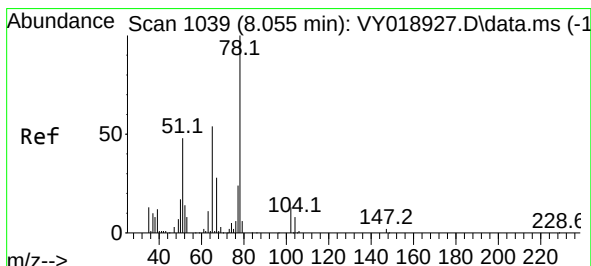
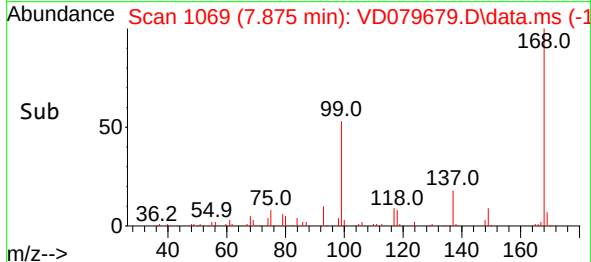
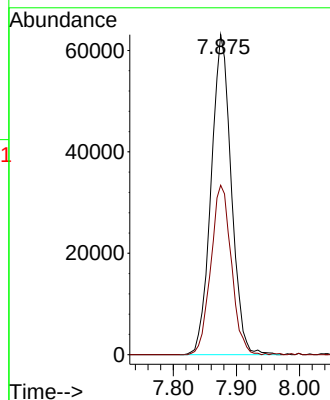
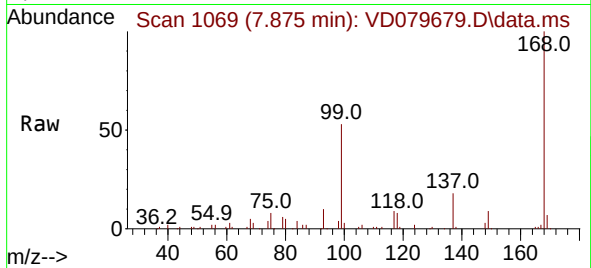




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

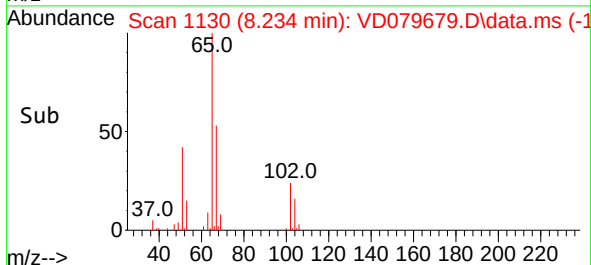
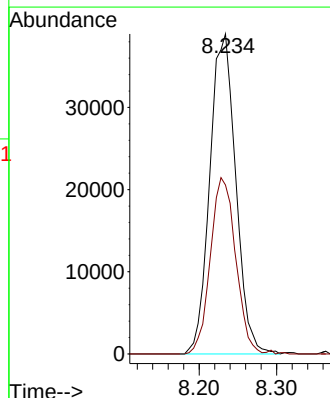
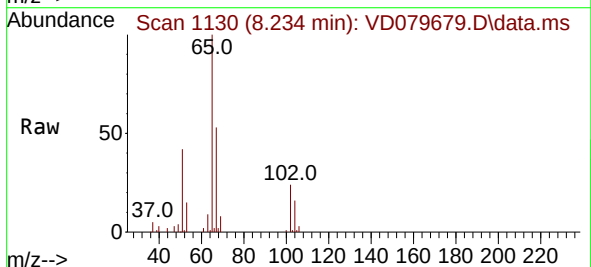
Instrument :
MSVOA_D
ClientSampleId :
VOC

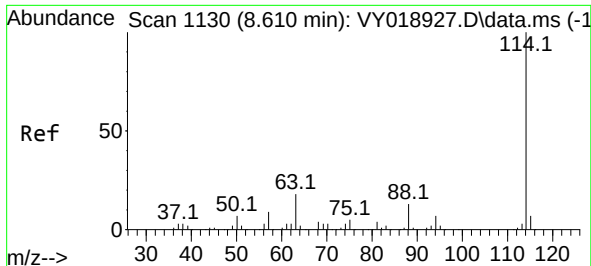
Tgt Ion:168 Resp: 139968
Ion Ratio Lower Upper
168 100
99 52.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 63.633 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Tgt Ion: 65 Resp: 90483
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079679.D

Acq: 08 Aug 2024 20:48

Instrument :

MSVOA_D

ClientSampleId :

VOC

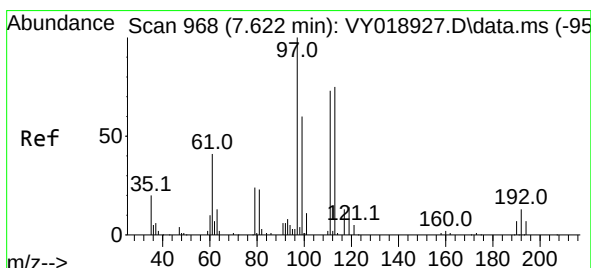
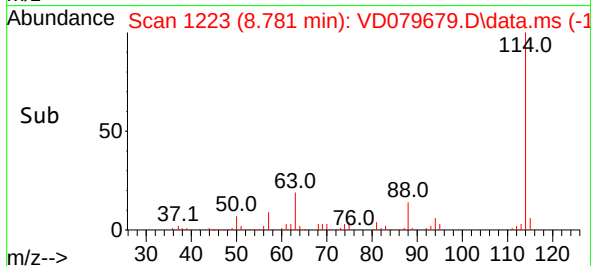
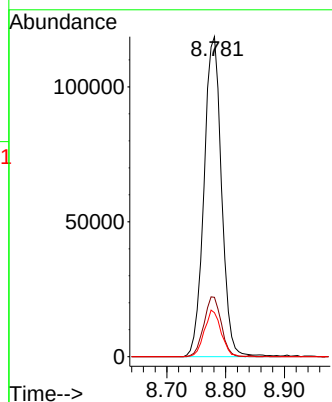
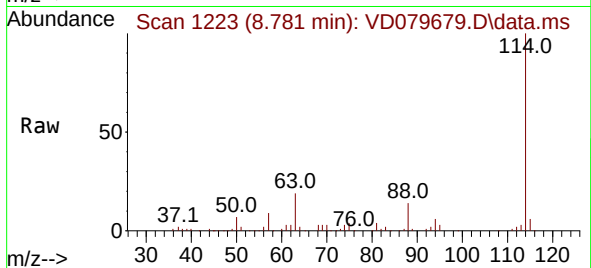
Tgt Ion:114 Resp: 244668

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.262 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079679.D

Acq: 08 Aug 2024 20:48

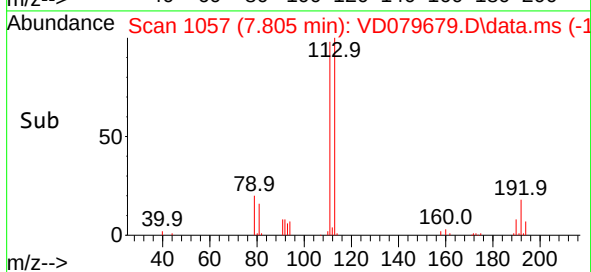
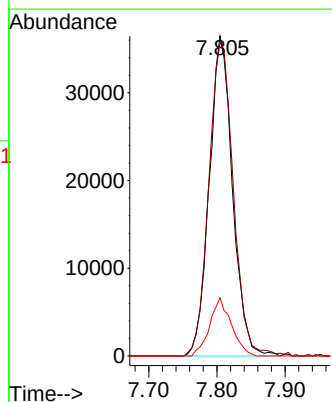
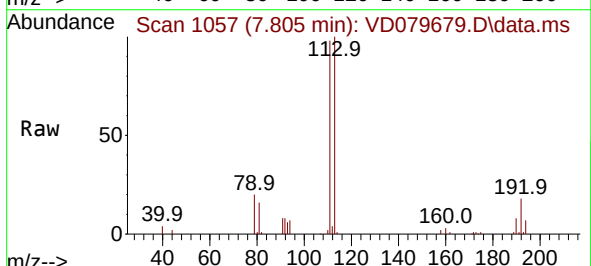
Tgt Ion:113 Resp: 86548

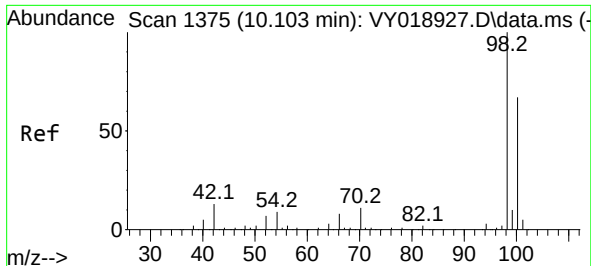
Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

192 16.9 15.4 23.0

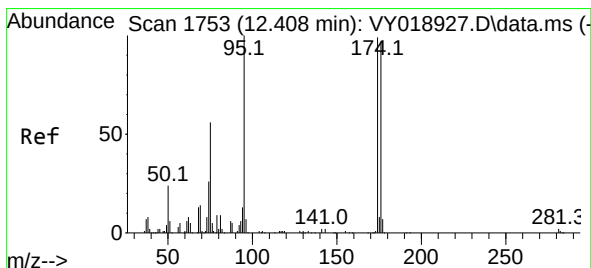
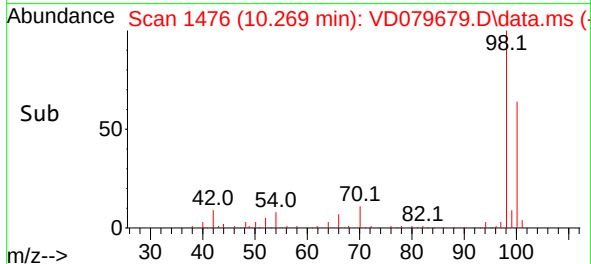
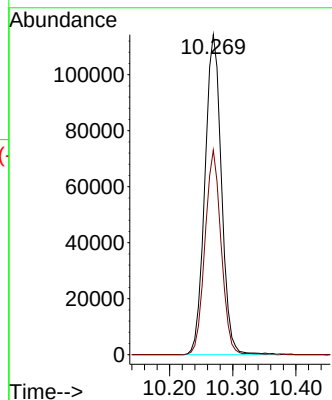
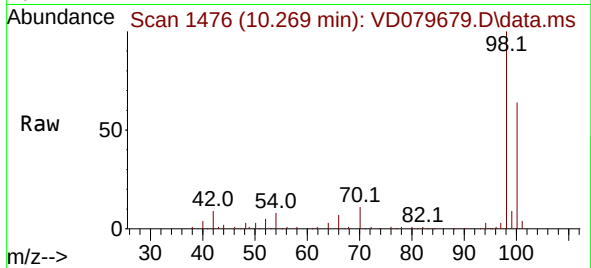




#50
Toluene-d8
Concen: 32.300 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

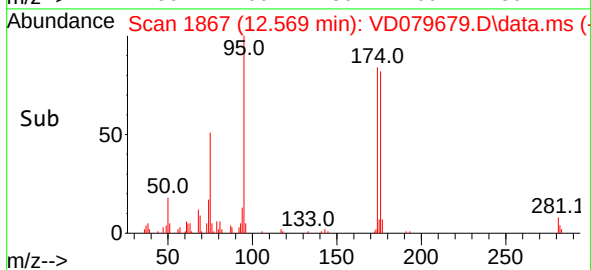
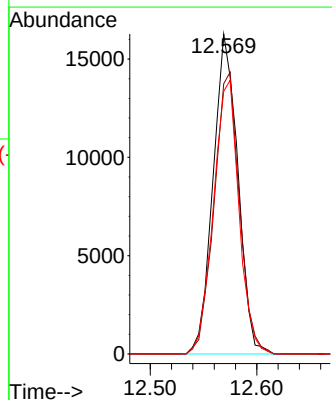
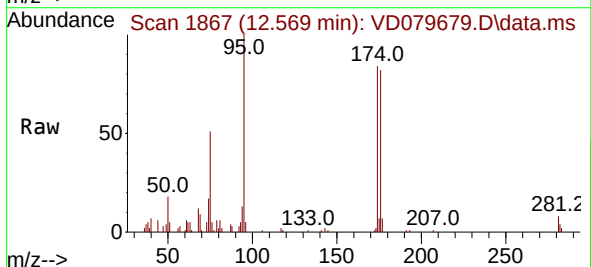
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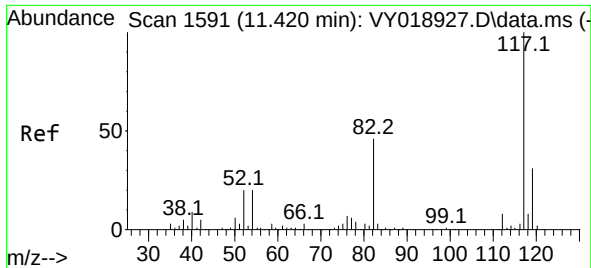
Tgt Ion: 98 Resp: 207721
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 14.096 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Tgt Ion: 95 Resp: 26233
Ion Ratio Lower Upper
95 100
174 90.2 0.0 195.4
176 88.2 0.0 192.6

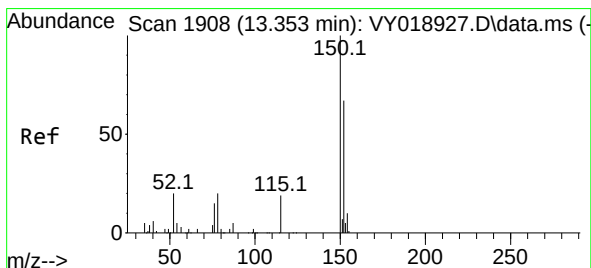
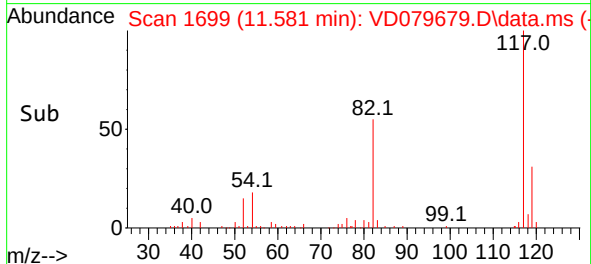
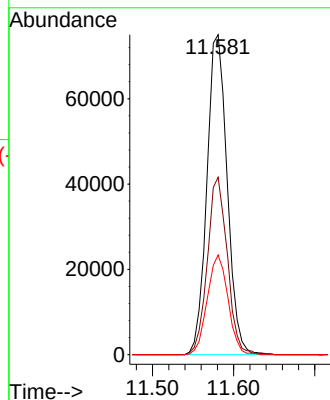
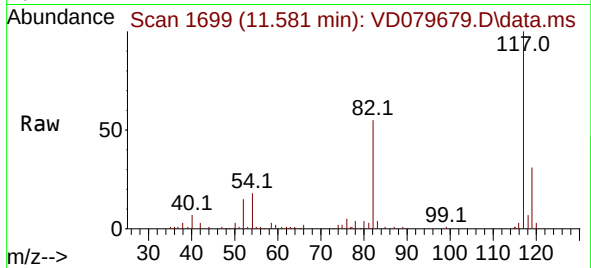




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:117 Resp: 130011
Ion Ratio Lower Upper
117 100
82 55.5 39.8 59.6
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079679.D
Acq: 08 Aug 2024 20:48

Tgt Ion:152 Resp: 22570
Ion Ratio Lower Upper
152 100
115 55.2 26.5 79.5
150 158.5 0.0 341.6

