

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079762.D
 Acq On : 30 Aug 2024 18:33
 Operator : RP/MD
 Sample : P3794-03
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-857

Quant Time: Aug 31 04:47:32 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	7.881	168	75032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	173869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	125166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	29389	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64785	63.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.660%
35) Dibromofluoromethane	7.810	113	60871	53.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.720%
50) Toluene-d8	10.269	98	198893	41.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.080%
62) 4-Bromofluorobenzene	12.575	95	36699	27.060	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.120%

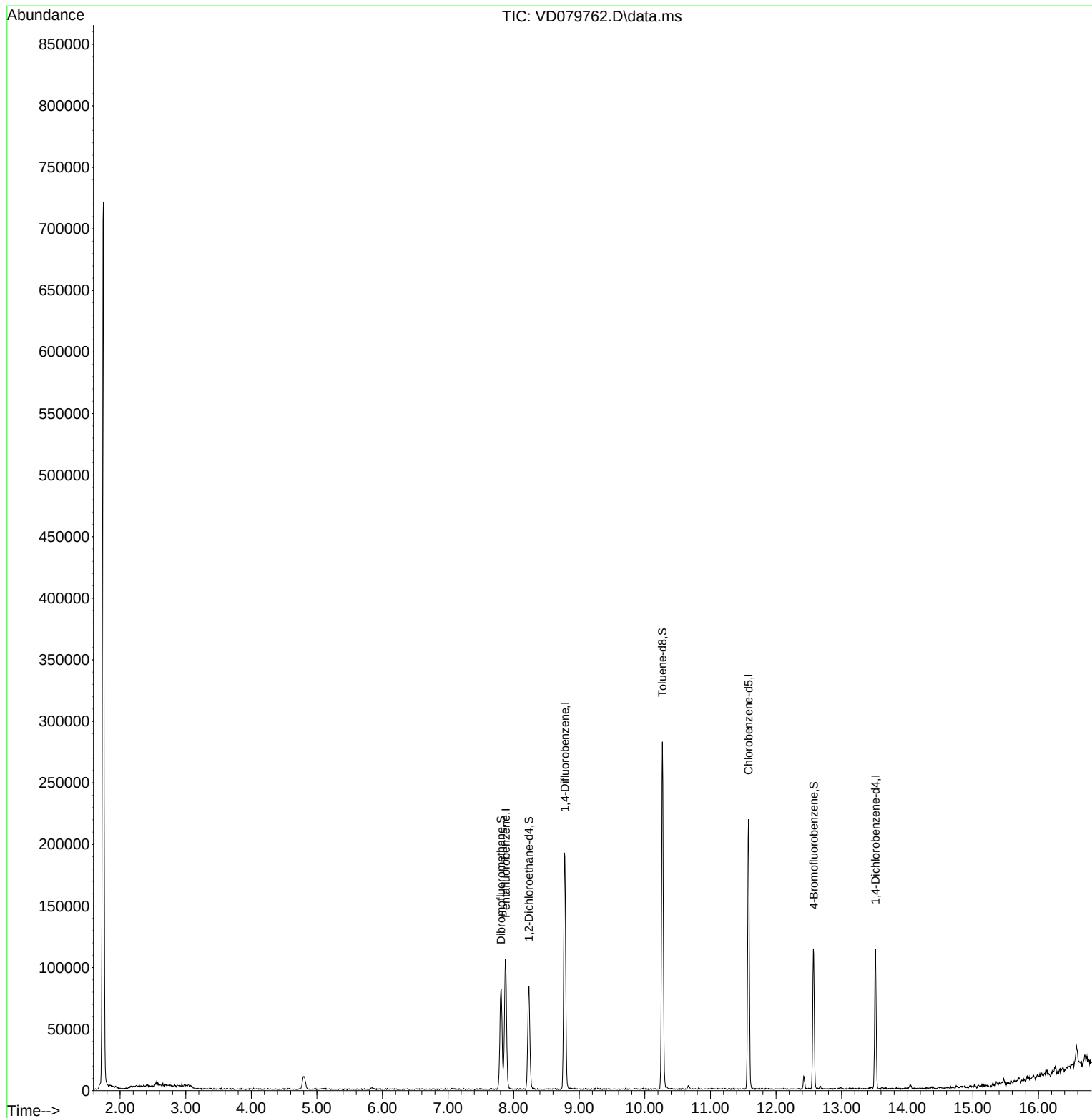
Target Compounds	Qvalue

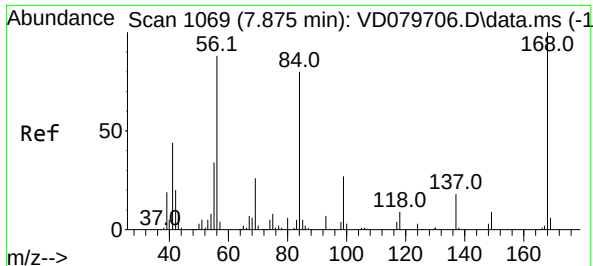
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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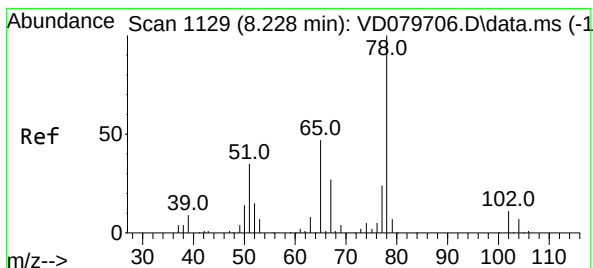
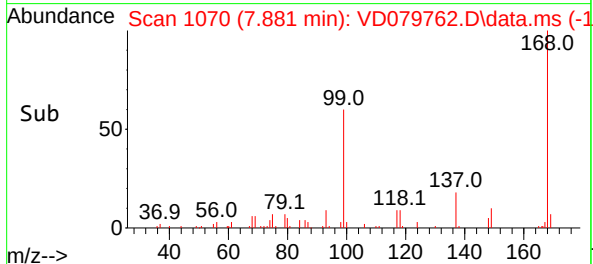
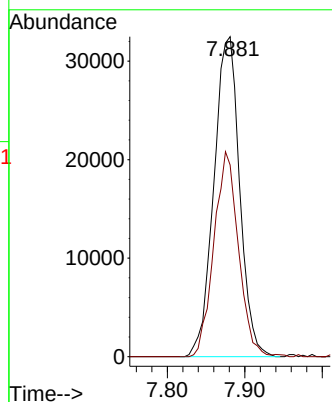
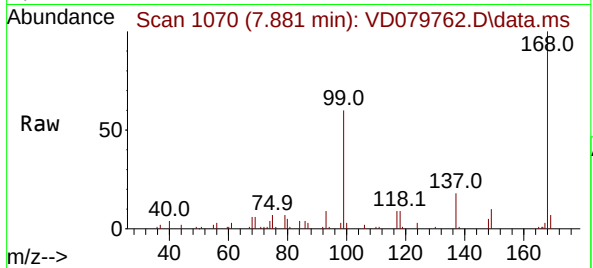




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

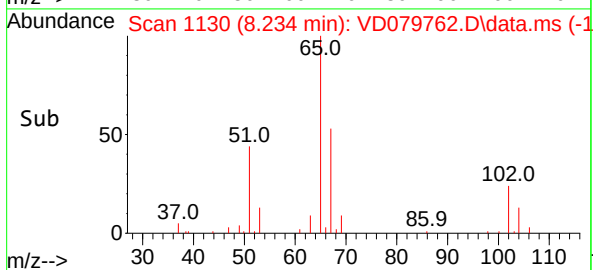
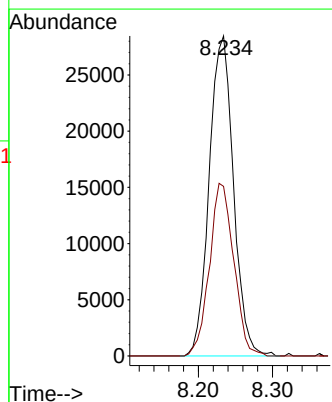
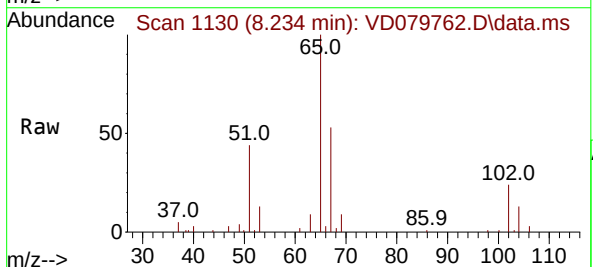
Instrument :
MSVOA_D
ClientSampleId :
RT-857

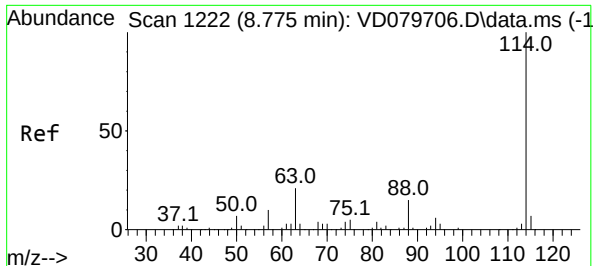
Tgt Ion:168 Resp: 75032
Ion Ratio Lower Upper
168 100
99 59.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 63.325 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 65 Resp: 64785
Ion Ratio Lower Upper
65 100
67 54.1 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: VD079762.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

RT-857

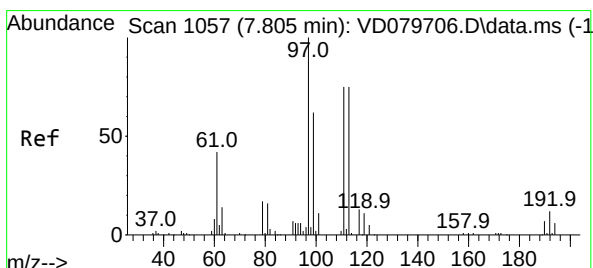
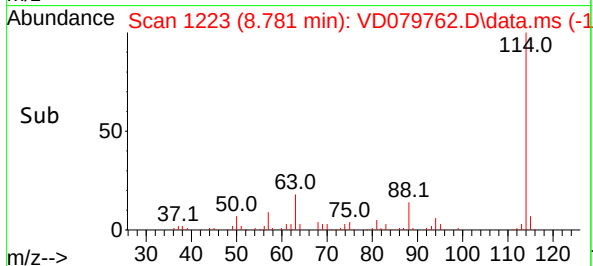
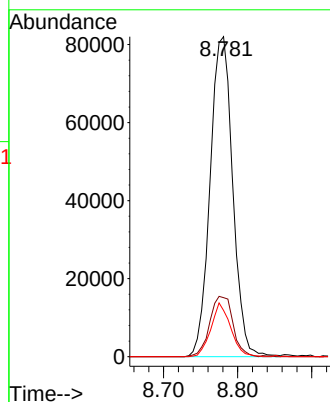
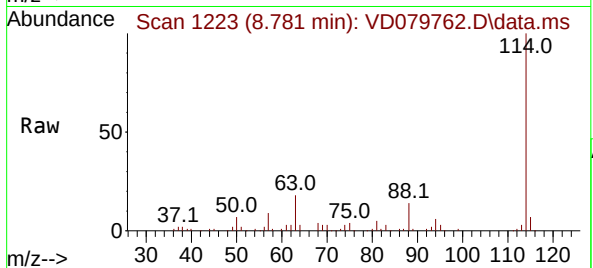
Tgt Ion:114 Resp: 173869

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.862 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD079762.D

Acq: 30 Aug 2024 18:33

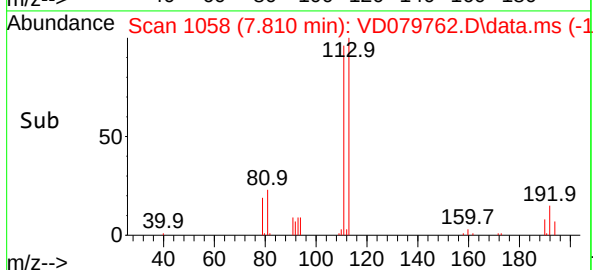
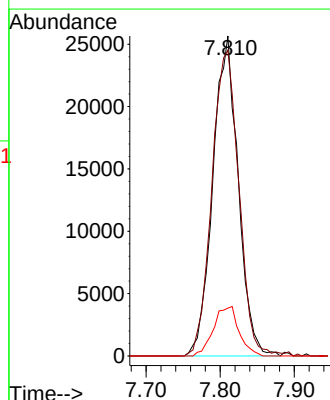
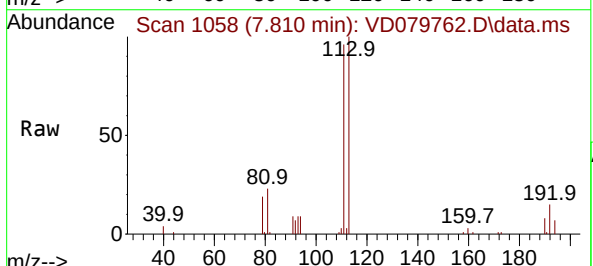
Tgt Ion:113 Resp: 60871

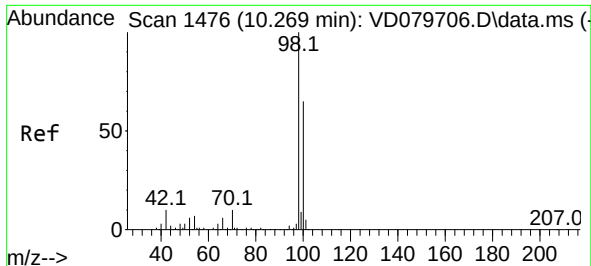
Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 15.6 15.4 23.0

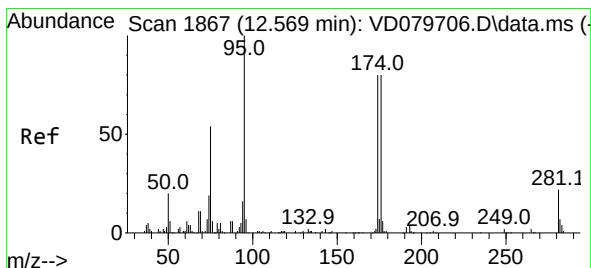
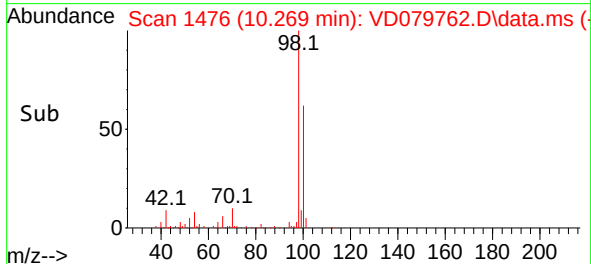
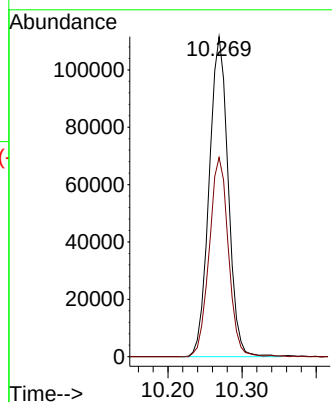
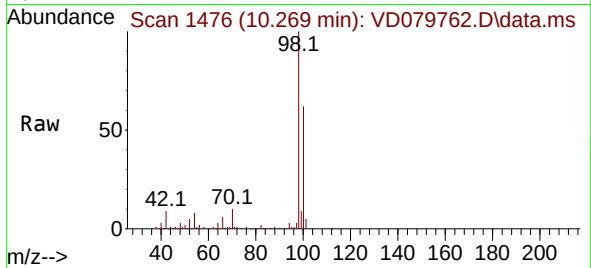




#50
Toluene-d8
Concen: 41.035 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

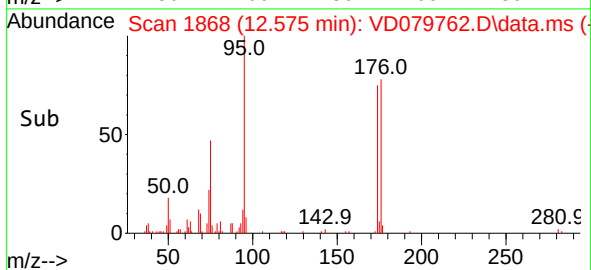
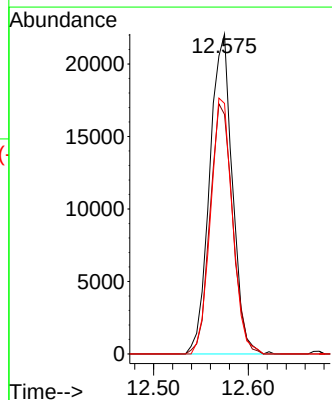
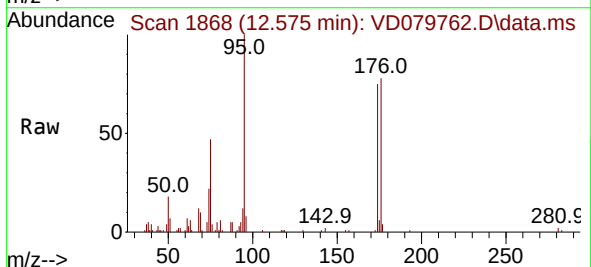
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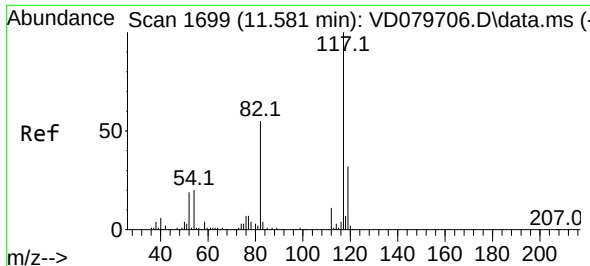
Tgt Ion: 98 Resp: 198893
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 27.060 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 95 Resp: 36699
Ion Ratio Lower Upper
95 100
174 77.6 0.0 195.4
176 77.1 0.0 192.6

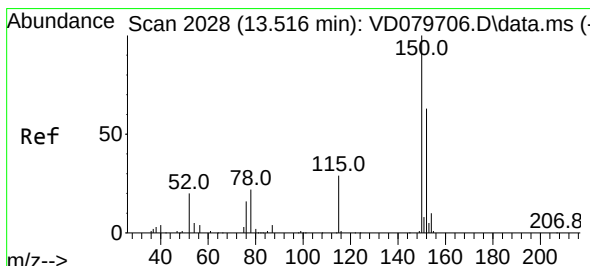
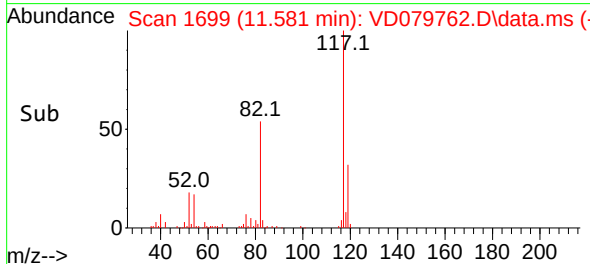
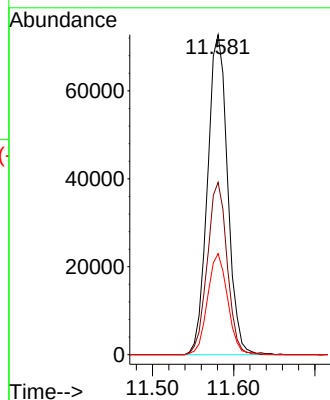
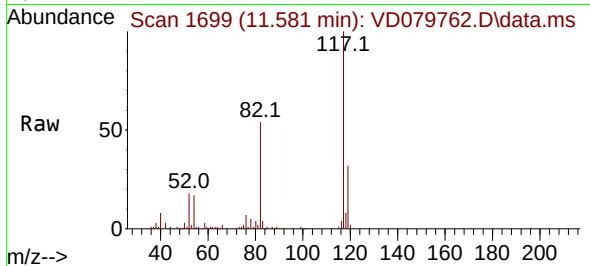




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :
RT-857

Tgt Ion:117	Resp:	125166
Ion	Ratio	Lower Upper
117	100	
82	53.9	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. -0.000 min
Lab File: VD079762.D
Acq: 30 Aug 2024 18:33

Tgt Ion:152	Resp:	29389
Ion	Ratio	Lower Upper
152	100	
115	59.0	26.5 79.5
150	162.4	0.0 341.6

