

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079760.D
 Acq On : 30 Aug 2024 17:37
 Operator : RP/MD
 Sample : P3797-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 207

Quant Time: Aug 31 04:46:51 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	93684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73356	57.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.804	113	68462	52.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.740%
50) Toluene-d8	10.269	98	249743	44.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.940%
62) 4-Bromofluorobenzene	12.575	95	56008	36.042	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.080%

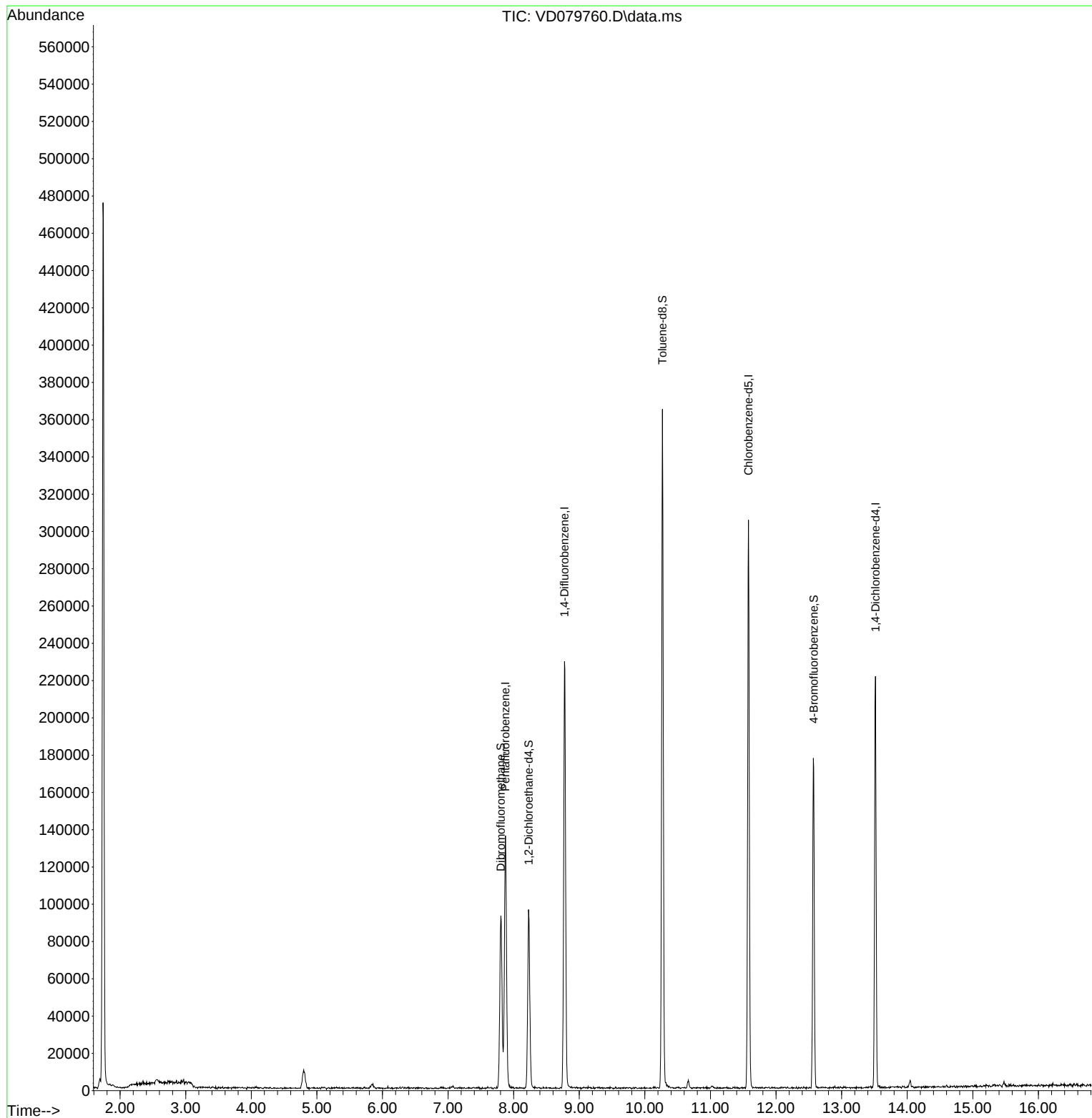
Target Compounds	Qvalue

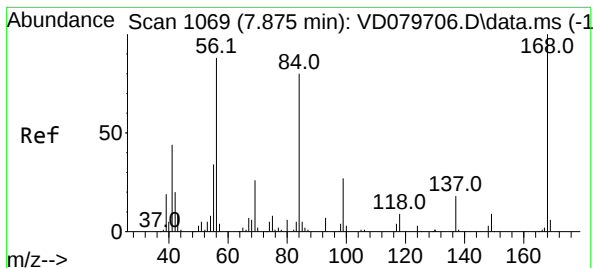
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VD079760.D

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ClientSampleId :

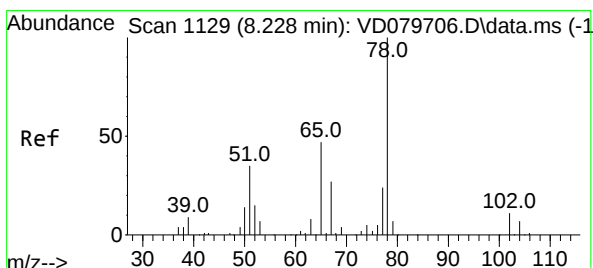
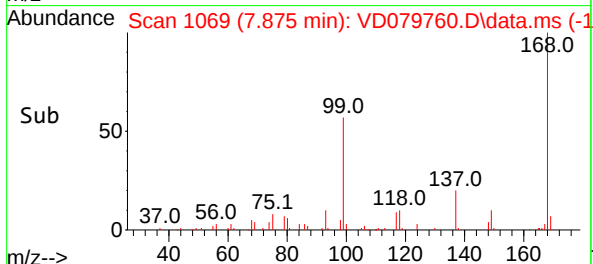
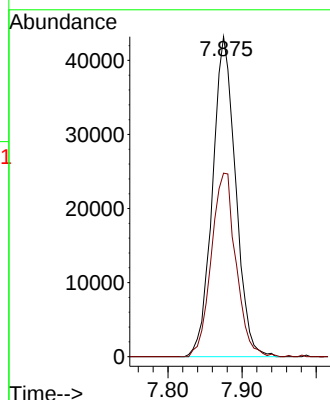
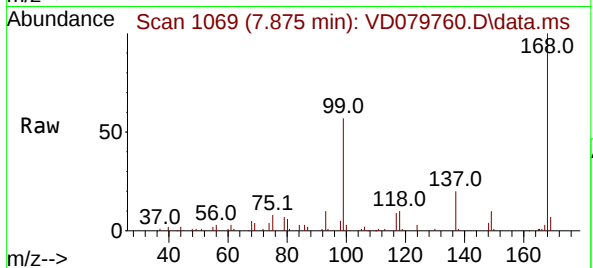
207

Tgt Ion:168 Resp: 93684

Ion Ratio Lower Upper

168 100

99 57.4 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 57.428 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079760.D

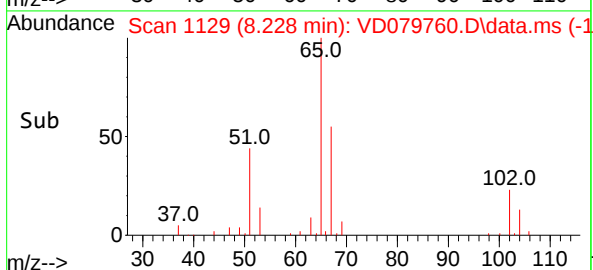
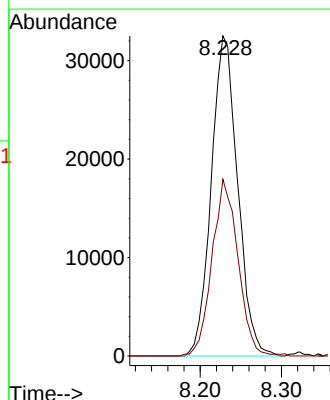
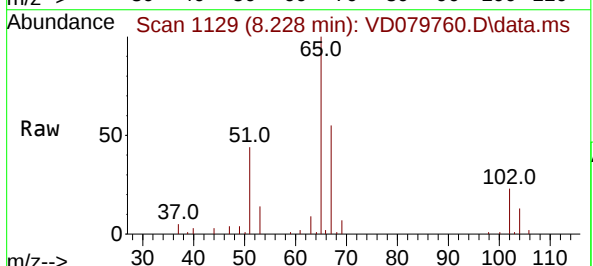
Acq: 30 Aug 2024 17:37

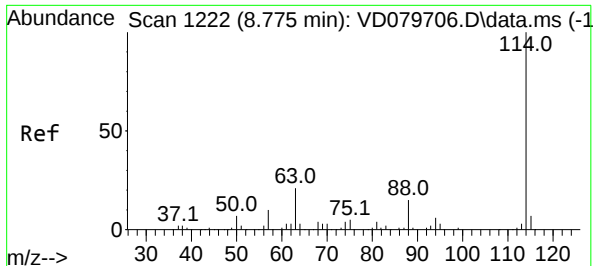
Tgt Ion: 65 Resp: 73356

Ion Ratio Lower Upper

65 100

67 54.3 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: VD079760.D

Acq: 30 Aug 2024 17:37

Instrument :

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207

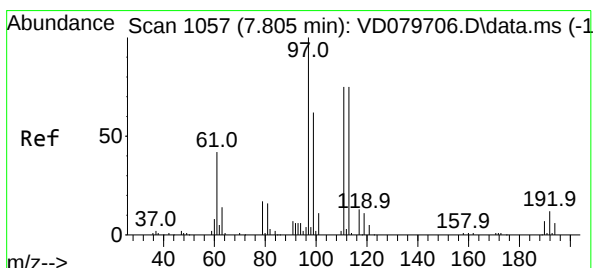
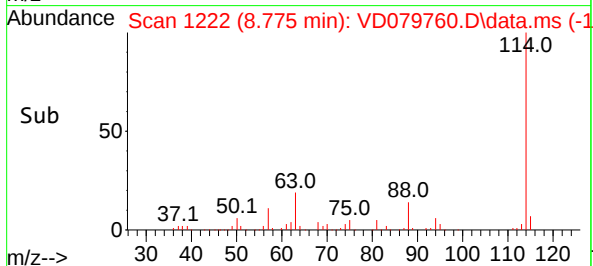
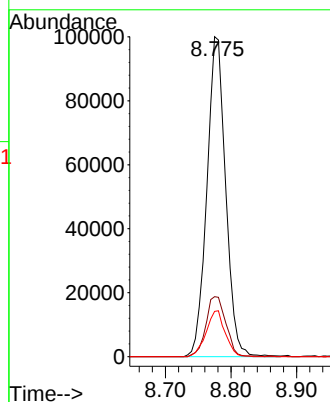
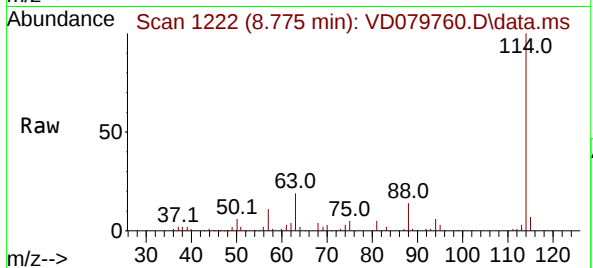
Tgt Ion:114 Resp: 199227

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.868 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079760.D

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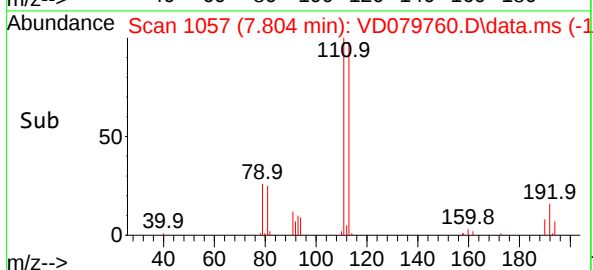
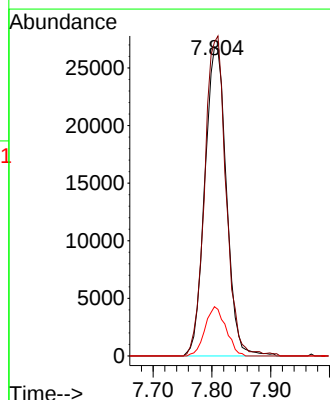
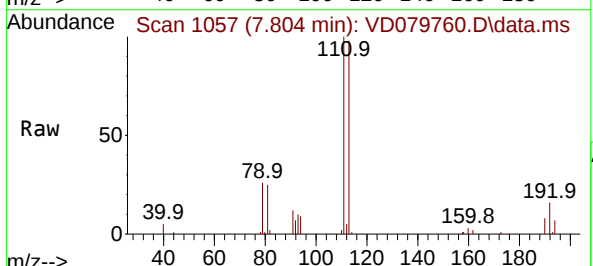
Tgt Ion:113 Resp: 68462

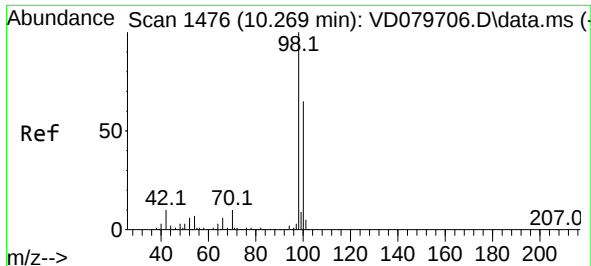
Ion Ratio Lower Upper

113 100

111 102.3 84.0 126.0

192 15.4 15.4 23.0

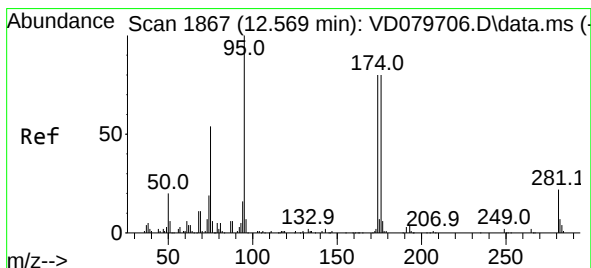
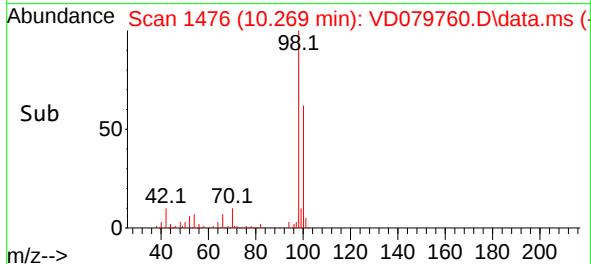
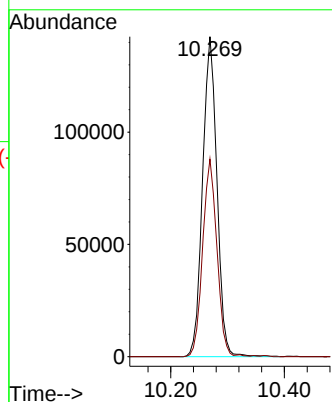
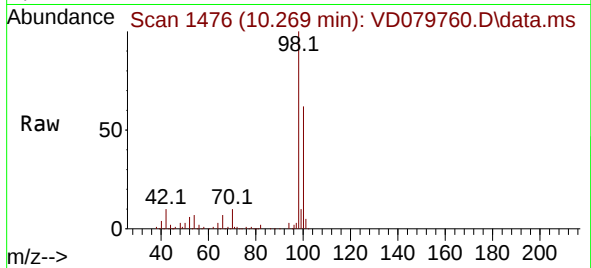




#50
Toluene-d8
Concen: 44.968 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

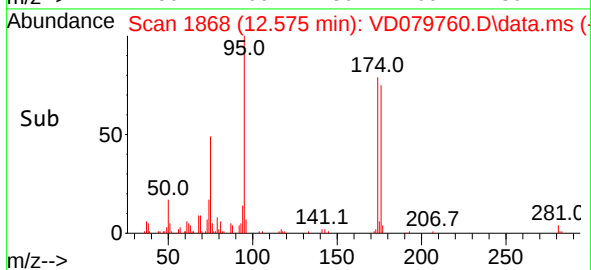
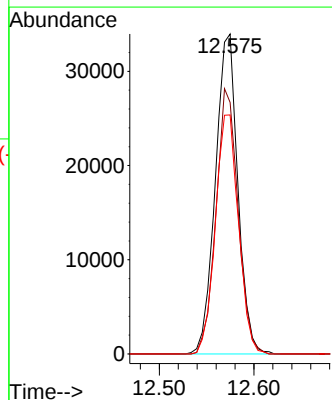
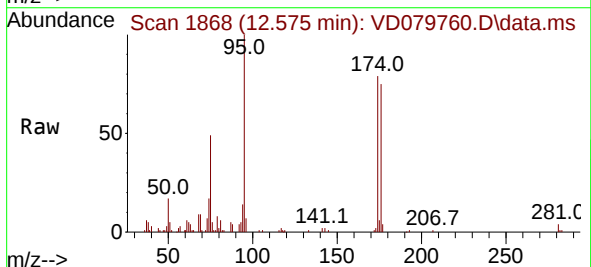
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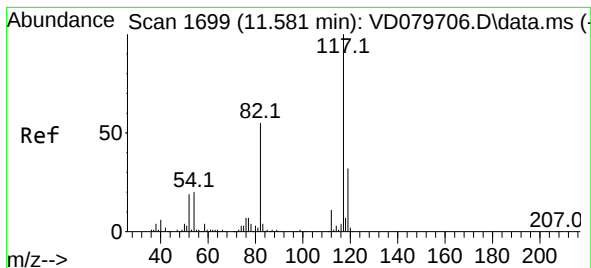
Tgt Ion: 98 Resp: 249743
Ion Ratio Lower Upper
98 100
100 61.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.042 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

Tgt Ion: 95 Resp: 56008
Ion Ratio Lower Upper
95 100
174 81.4 0.0 195.4
176 76.8 0.0 192.6

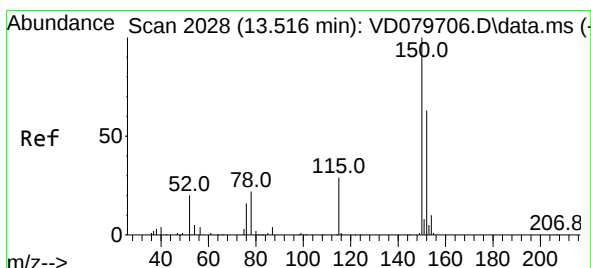
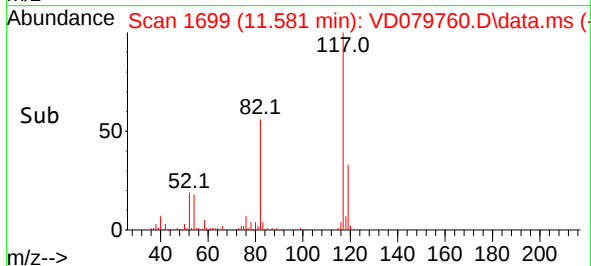
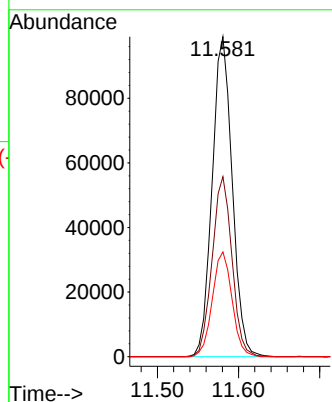
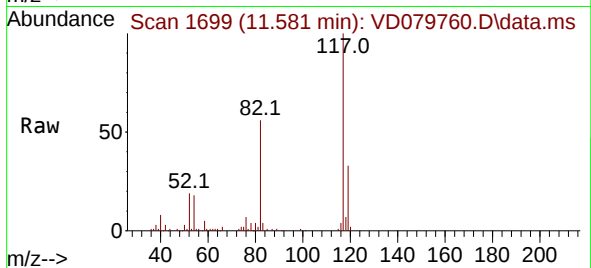




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079760.D
Acq: 30 Aug 2024 17:37

Instrument :
MSVOA_D
ClientSampleId :
207

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	39.8	59.6
119	32.8	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: VD079760.D
Acq: 30 Aug 2024 17:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	26.5	79.5
150	153.2	0.0	341.6

