

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079696.D
 Acq On : 09 Aug 2024 16:36
 Operator : RP/MD
 Sample : P3483-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ARE

Quant Time: Aug 10 02:12:03 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	2397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	5336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	4501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	543	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	2230	91.576	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.160%#	
35) Dibromofluoromethane	7.799	113	1947	53.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.269	98	4225	30.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 60.240%	
62) 4-Bromofluorobenzene	12.575	95	1004	24.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 49.480%	

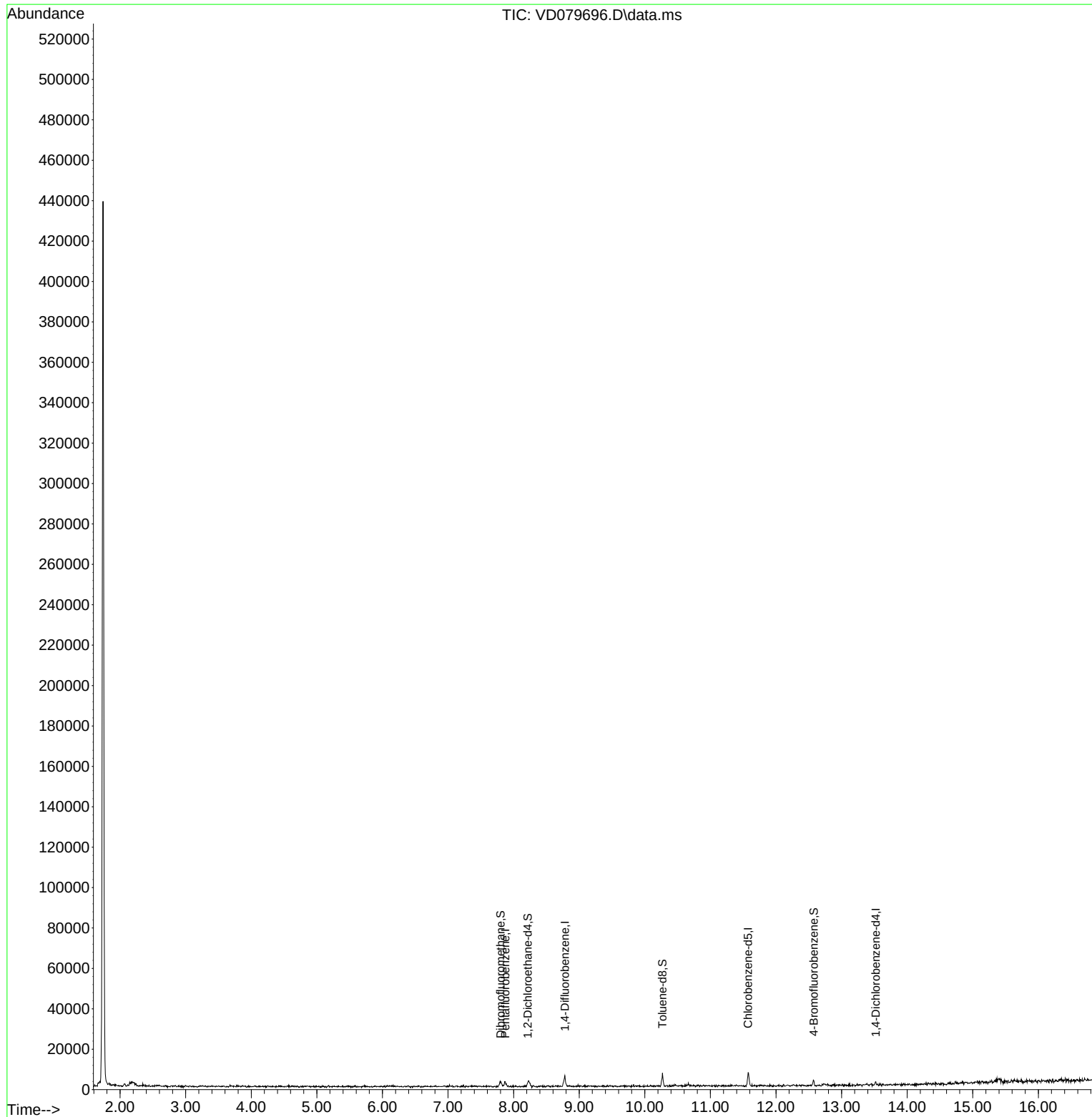
Target Compounds	Qvalue

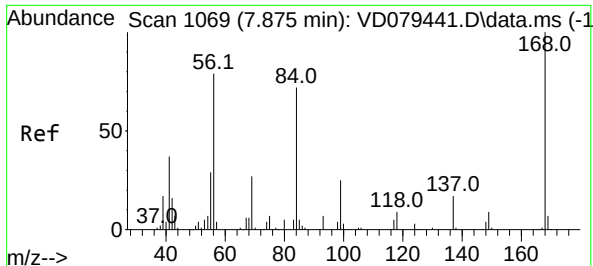
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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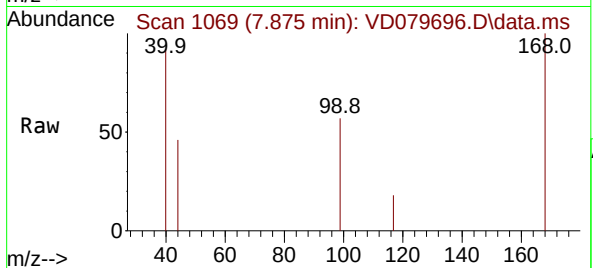
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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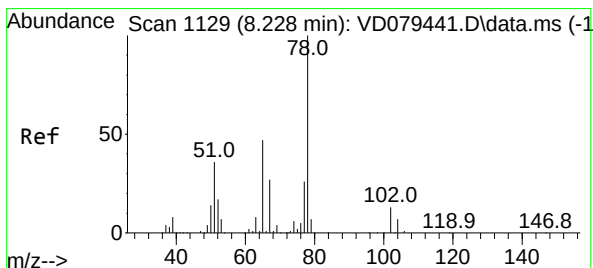
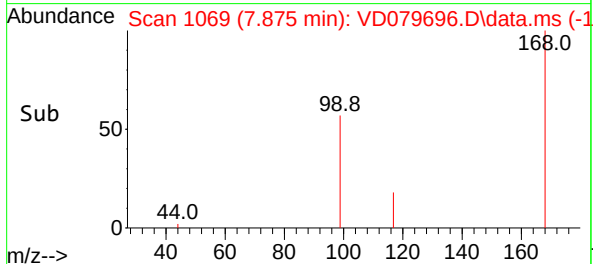
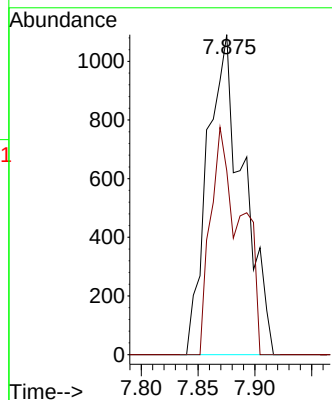


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Instrument :
MSVOA_D
ClientSampleId :
ARE

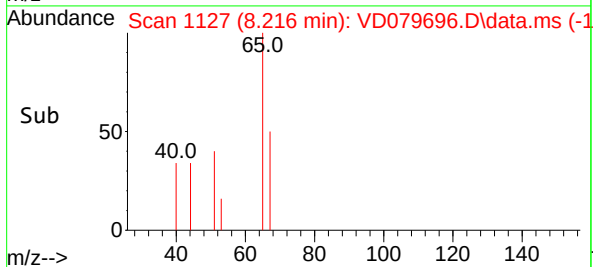
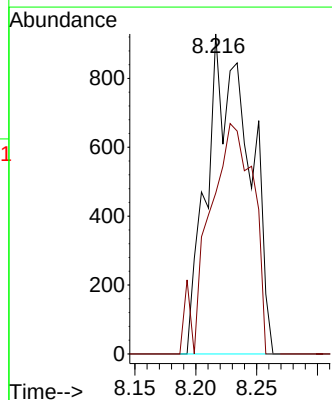
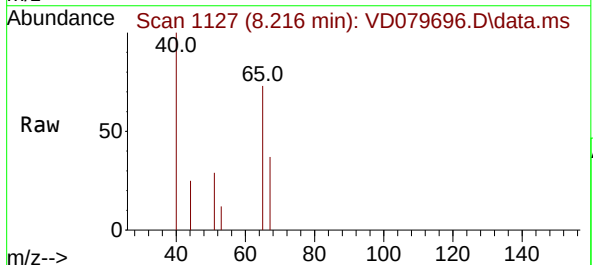


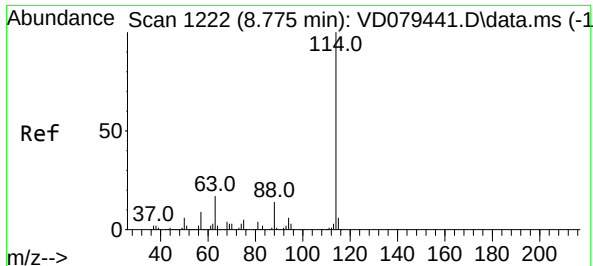
Tgt Ion:168 Resp: 2397
Ion Ratio Lower Upper
168 100
99 57.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 91.576 ug/l
RT: 8.216 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Tgt Ion: 65 Resp: 2230
Ion Ratio Lower Upper
65 100
67 75.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD079696.D

Acq: 09 Aug 2024 16:36

Instrument :

MSVOA_D

ClientSampleId :

ARE

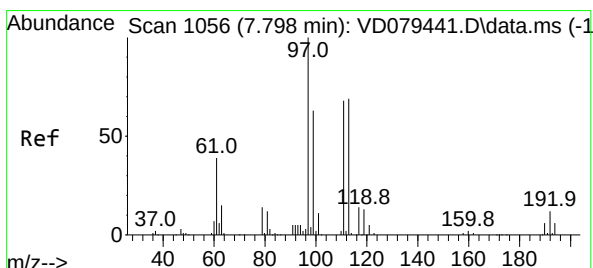
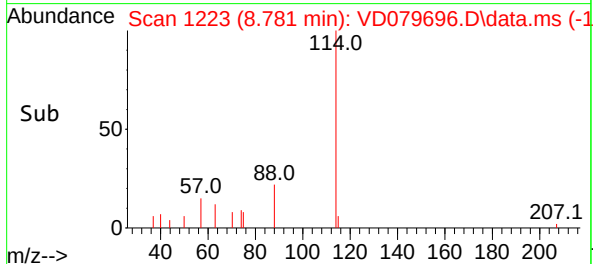
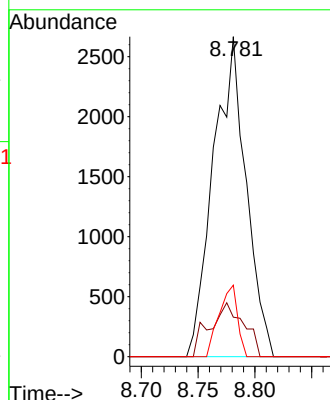
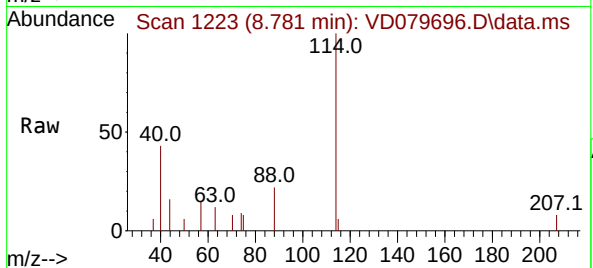
Tgt Ion:114 Resp: 5336

Ion Ratio Lower Upper

114 100

63 12.3 0.0 34.0

88 22.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.909 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079696.D

Acq: 09 Aug 2024 16:36

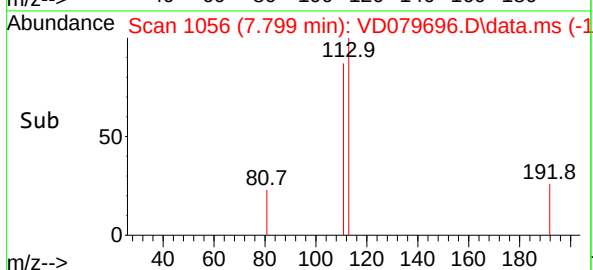
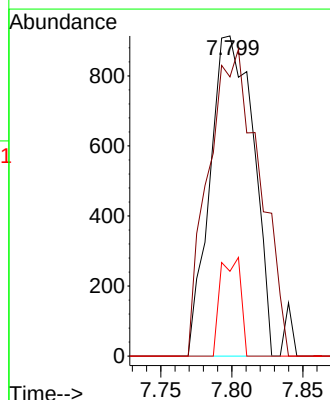
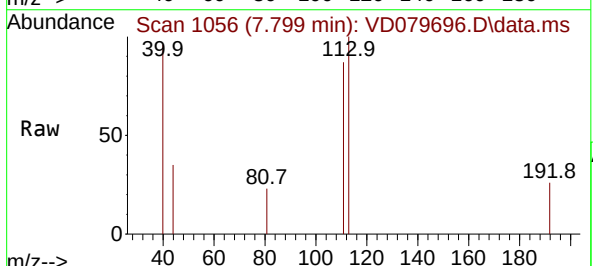
Tgt Ion:113 Resp: 1947

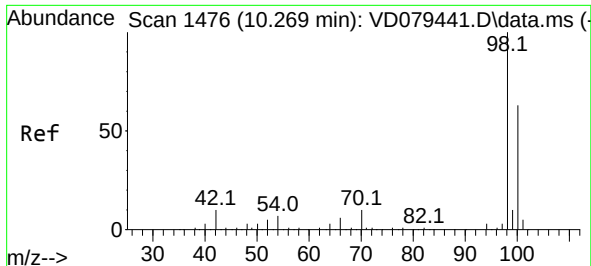
Ion Ratio Lower Upper

113 100

111 112.2 84.0 126.0

192 14.3 15.4 23.0#

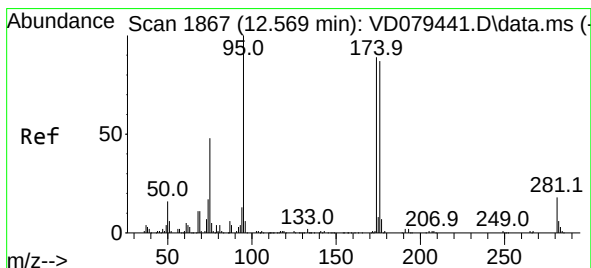
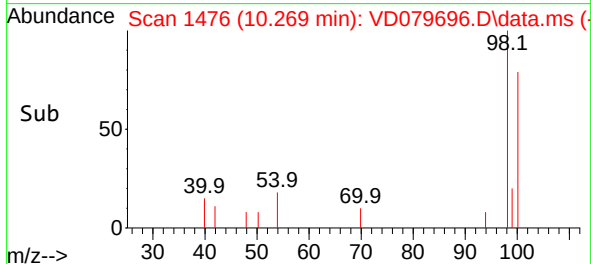
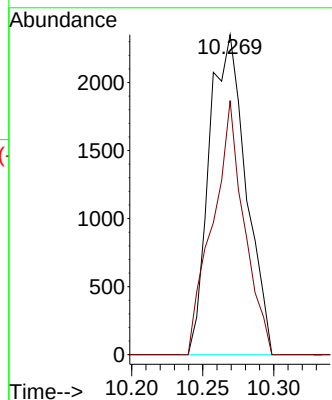
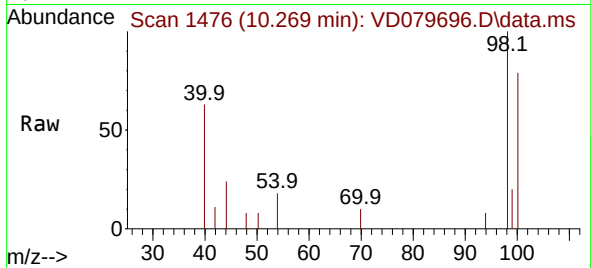




#50
Toluene-d8
Concen: 30.124 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

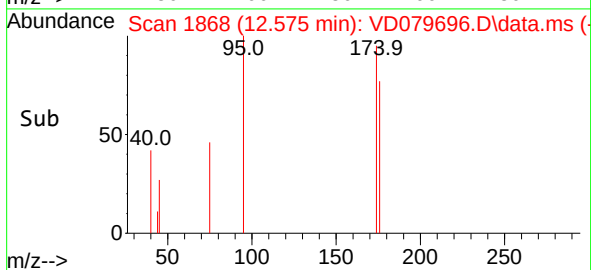
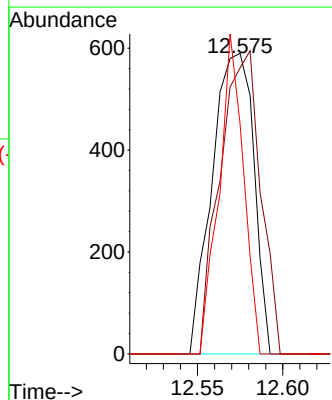
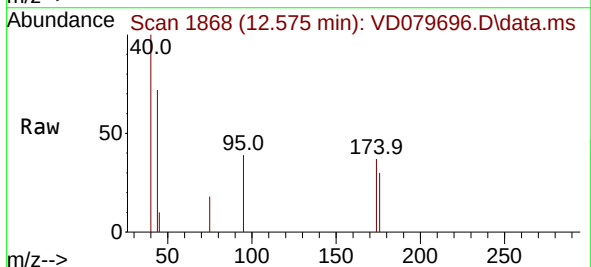
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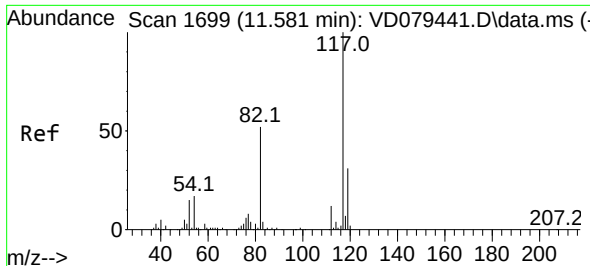
Tgt Ion: 98 Resp: 4225
Ion Ratio Lower Upper
98 100
100 68.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 24.737 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Tgt Ion: 95 Resp: 1004
Ion Ratio Lower Upper
95 100
174 97.8 0.0 195.4
176 62.5 0.0 192.6

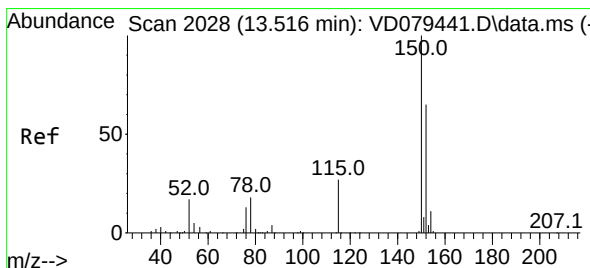
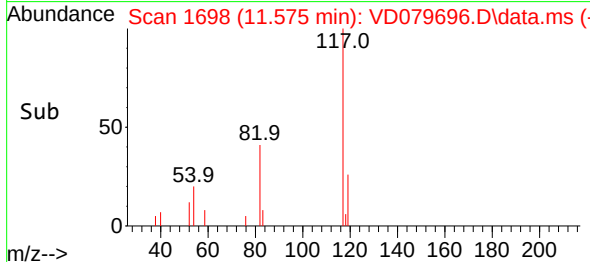
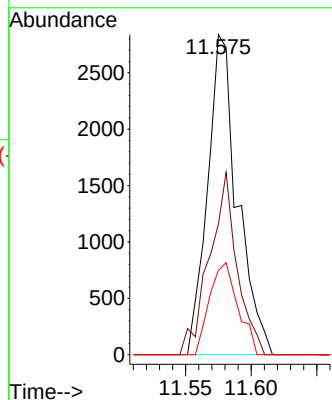
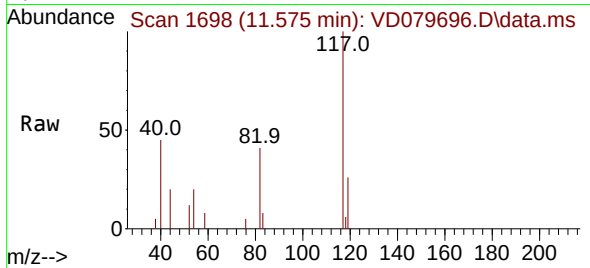




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Instrument :
MSVOA_D
ClientSampleId :
ARE

Tgt Ion:117	Resp:	4501
Ion	Ratio	Lower Upper
117	100	
82	40.8	39.8 59.6
119	26.4	25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.012 min
Lab File: VD079696.D
Acq: 09 Aug 2024 16:36

Tgt Ion:152	Resp:	543
Ion	Ratio	Lower Upper
152	100	
115	86.6	26.5 79.5#
150	175.3	0.0 341.6

