

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074832.D
 Acq On : 09 Nov 2022 17:06
 Operator : VA/SY
 Sample : N5518-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-02-110822

Quant Time: Nov 10 00:36:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	1513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	2761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2566	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	1106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	950	79.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.560%	
35) Dibromofluoromethane	7.799	113	865	52.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.920%	
50) Toluene-d8	10.275	98	2276	38.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.400%	
62) 4-Bromofluorobenzene	12.575	95	832	48.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.740%	

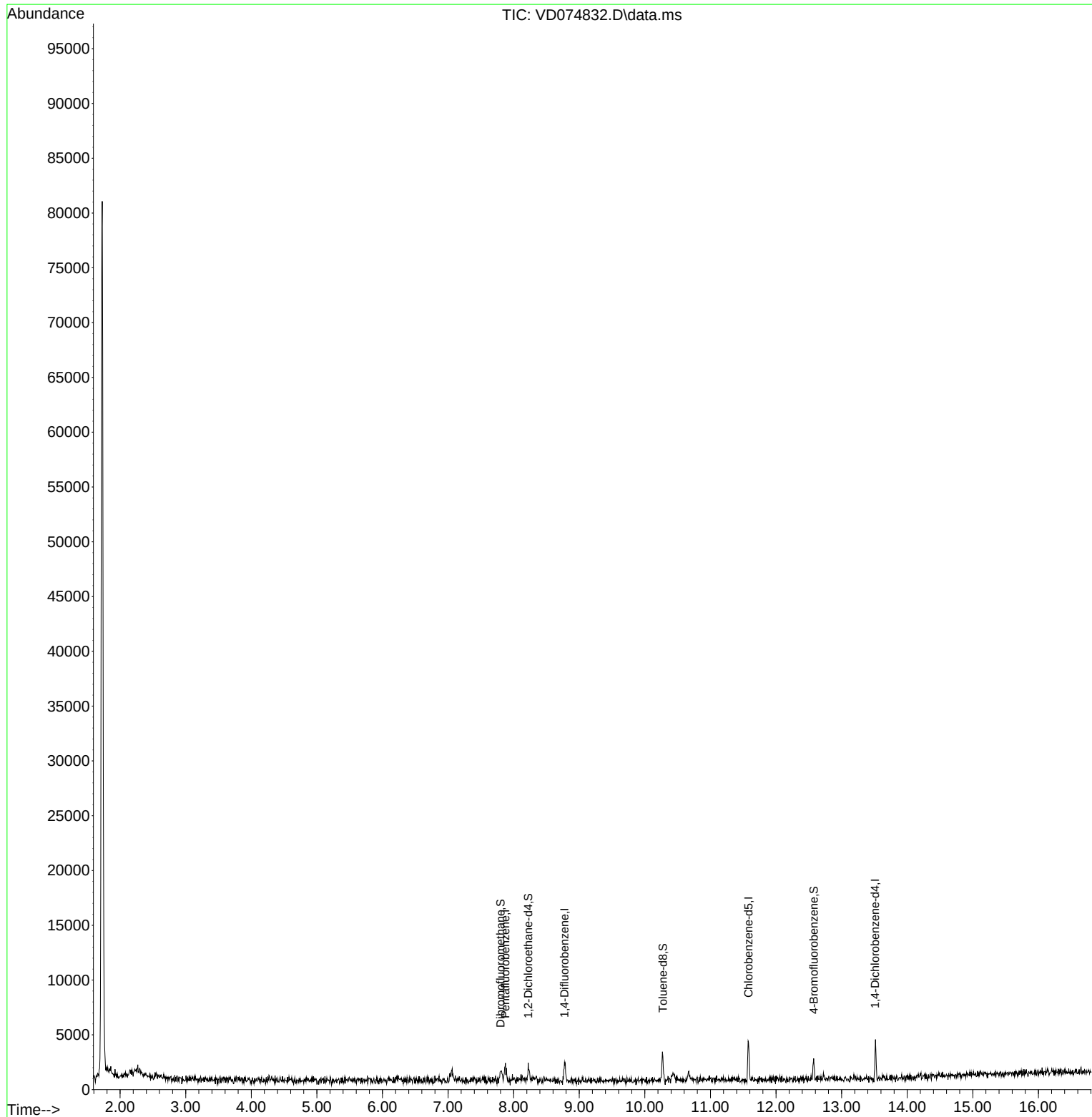
Target Compounds	Qvalue

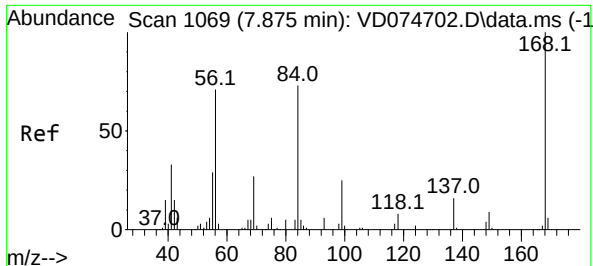
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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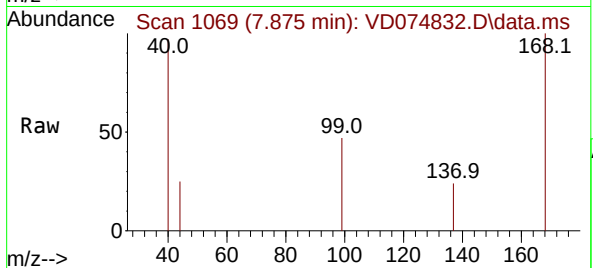
Quant Time: Nov 10 00:36:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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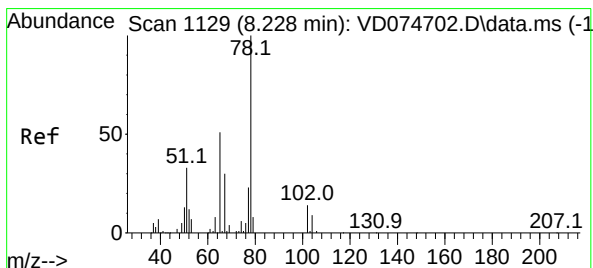
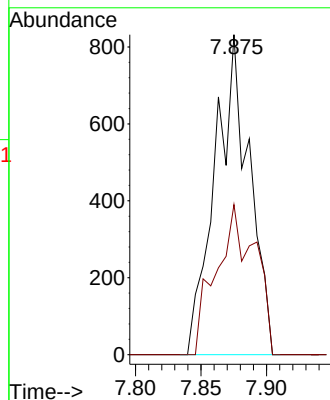
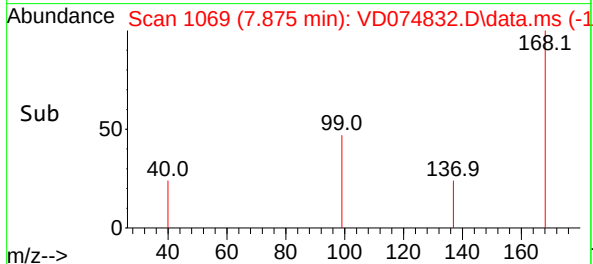


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074832.D
Acq: 09 Nov 2022 17:06

Instrument :
MSVOA_D
ClientSampleId :
PAT-02-110822

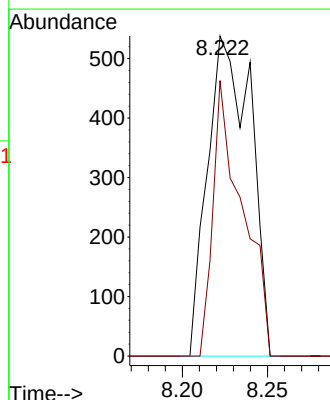
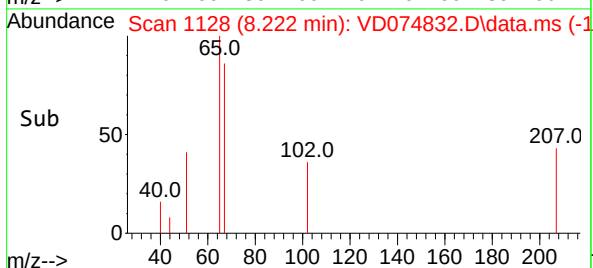
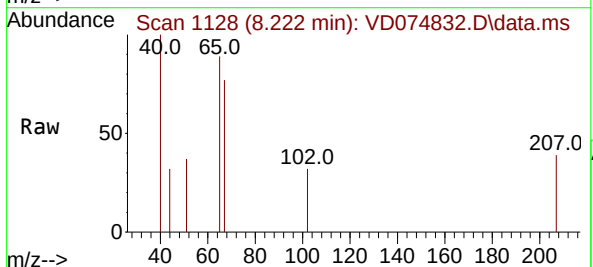


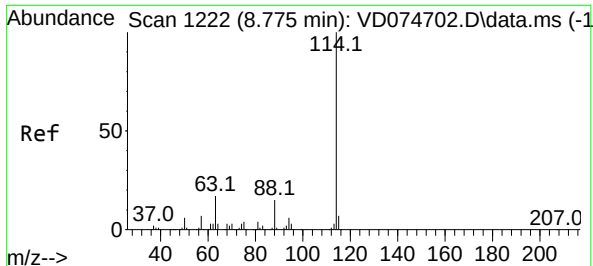
Tgt Ion:168 Resp: 1513
Ion Ratio Lower Upper
168 100
99 46.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 79.277 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD074832.D
Acq: 09 Nov 2022 17:06

Tgt Ion: 65 Resp: 950
Ion Ratio Lower Upper
65 100
67 58.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074832.D

Acq: 09 Nov 2022 17:06

Instrument :

MSVOA_D

ClientSampleId :

PAT-02-110822

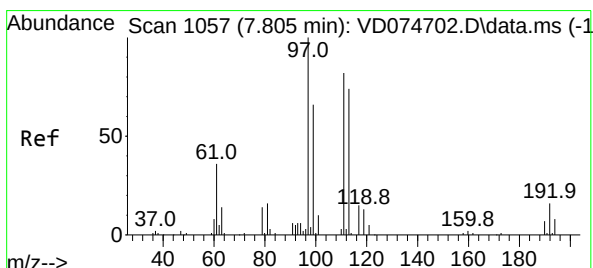
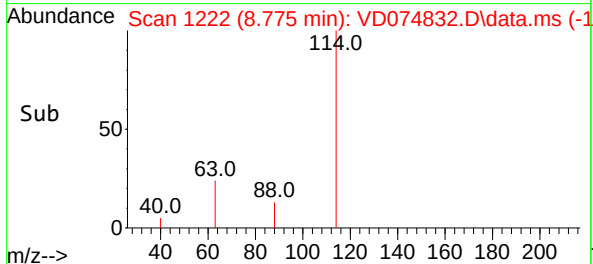
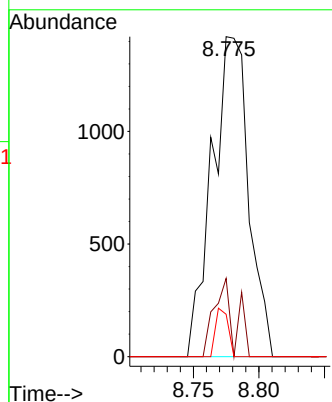
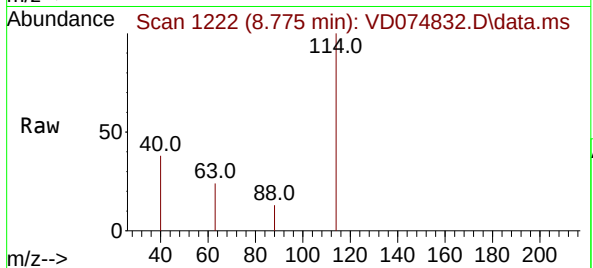
Tgt Ion:114 Resp: 2761

Ion Ratio Lower Upper

114 100

63 24.4 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.962 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD074832.D

Acq: 09 Nov 2022 17:06

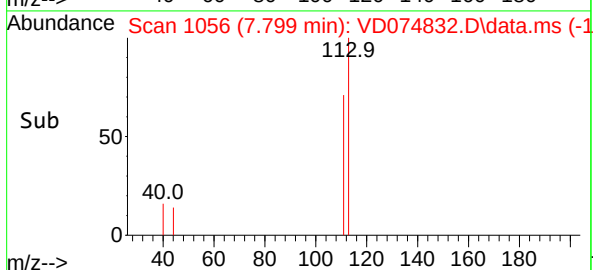
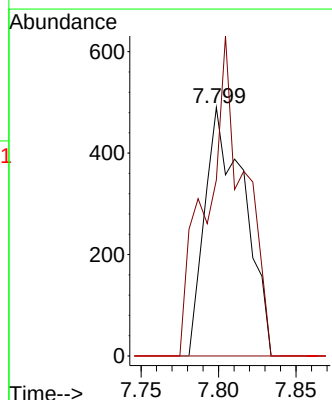
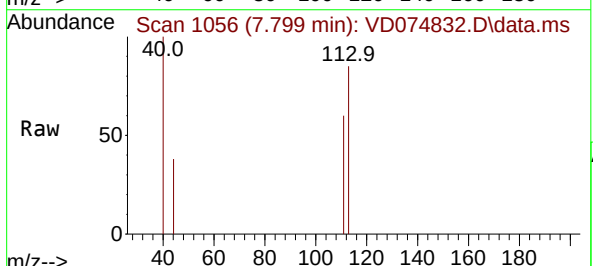
Tgt Ion:113 Resp: 865

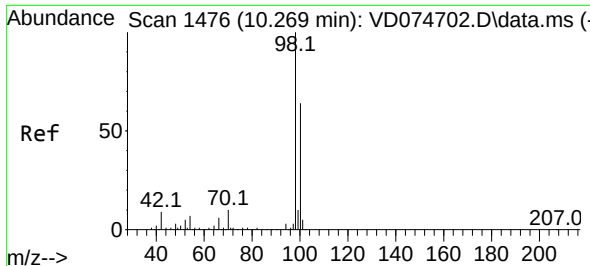
Ion Ratio Lower Upper

113 100

111 122.8 82.3 123.5

192 0.0 16.4 24.6#

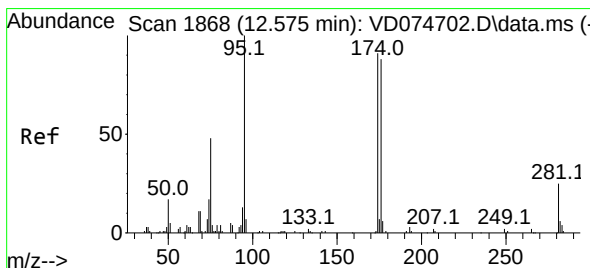
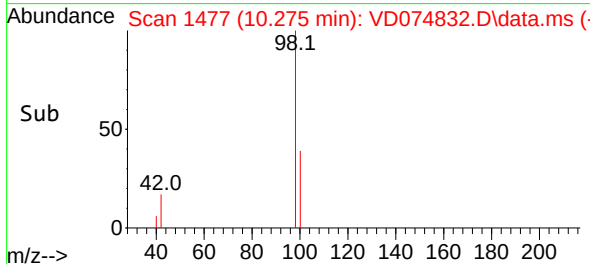
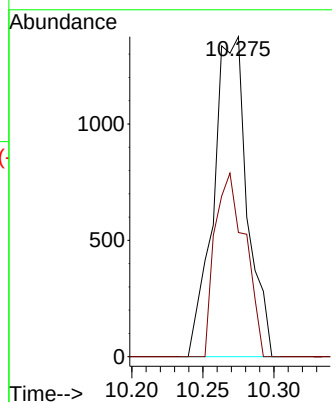
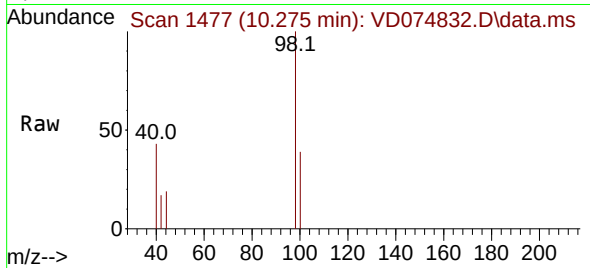




#50
Toluene-d8
Concen: 38.203 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074832.D
Acq: 09 Nov 2022 17:06

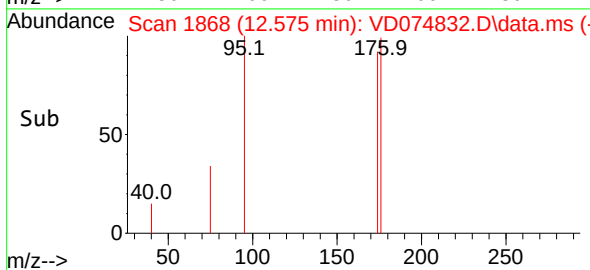
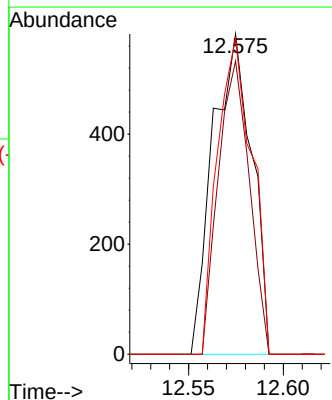
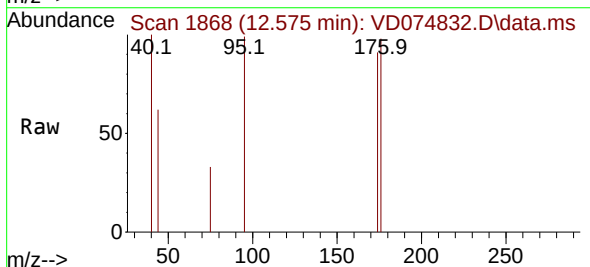
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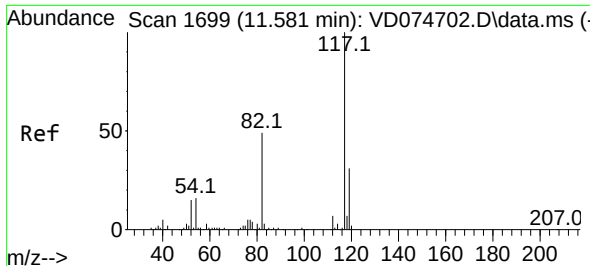
Tgt Ion: 98 Resp: 2276
Ion Ratio Lower Upper
98 100
100 51.3 51.4 77.0#



#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074832.D
Acq: 09 Nov 2022 17:06

Tgt Ion: 95 Resp: 832
Ion Ratio Lower Upper
95 100
174 73.3 0.0 197.0
176 87.9 0.0 182.6

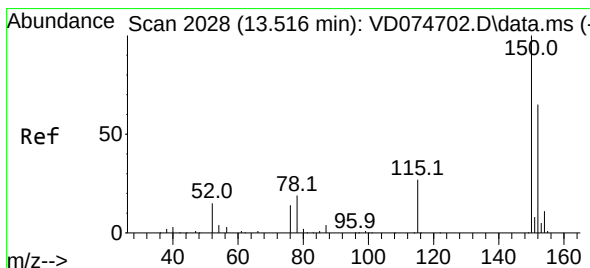
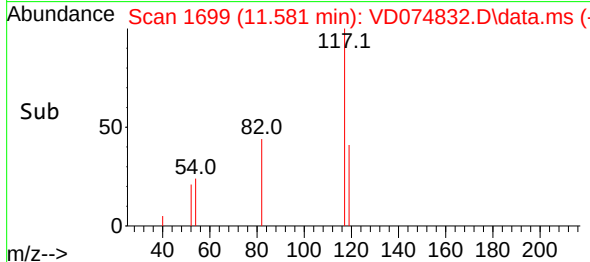
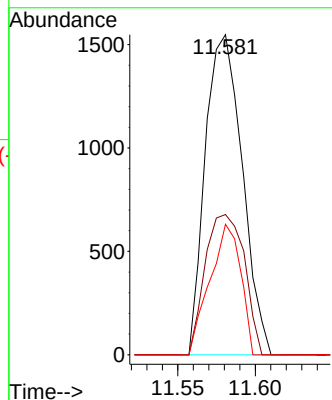
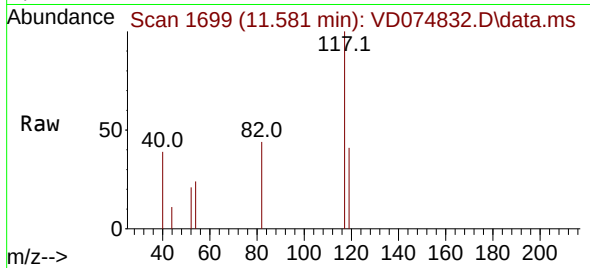




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074832.D
Acq: 09 Nov 2022 17:06

Instrument :
MSVOA_D
ClientSampleId :
PAT-02-110822

Tgt Ion:117 Resp: 2566
Ion Ratio Lower Upper
117 100
82 43.8 41.6 62.4
119 40.8 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD074832.D
Acq: 09 Nov 2022 17:06

Tgt Ion:152 Resp: 1106
Ion Ratio Lower Upper
152 100
115 52.3 26.8 80.4
150 160.0 0.0 348.2

