

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080230.D
 Acq On : 03 Feb 2025 17:57
 Operator : RP/MD
 Sample : Q1271-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200030

Quant Time: Feb 04 06:10:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

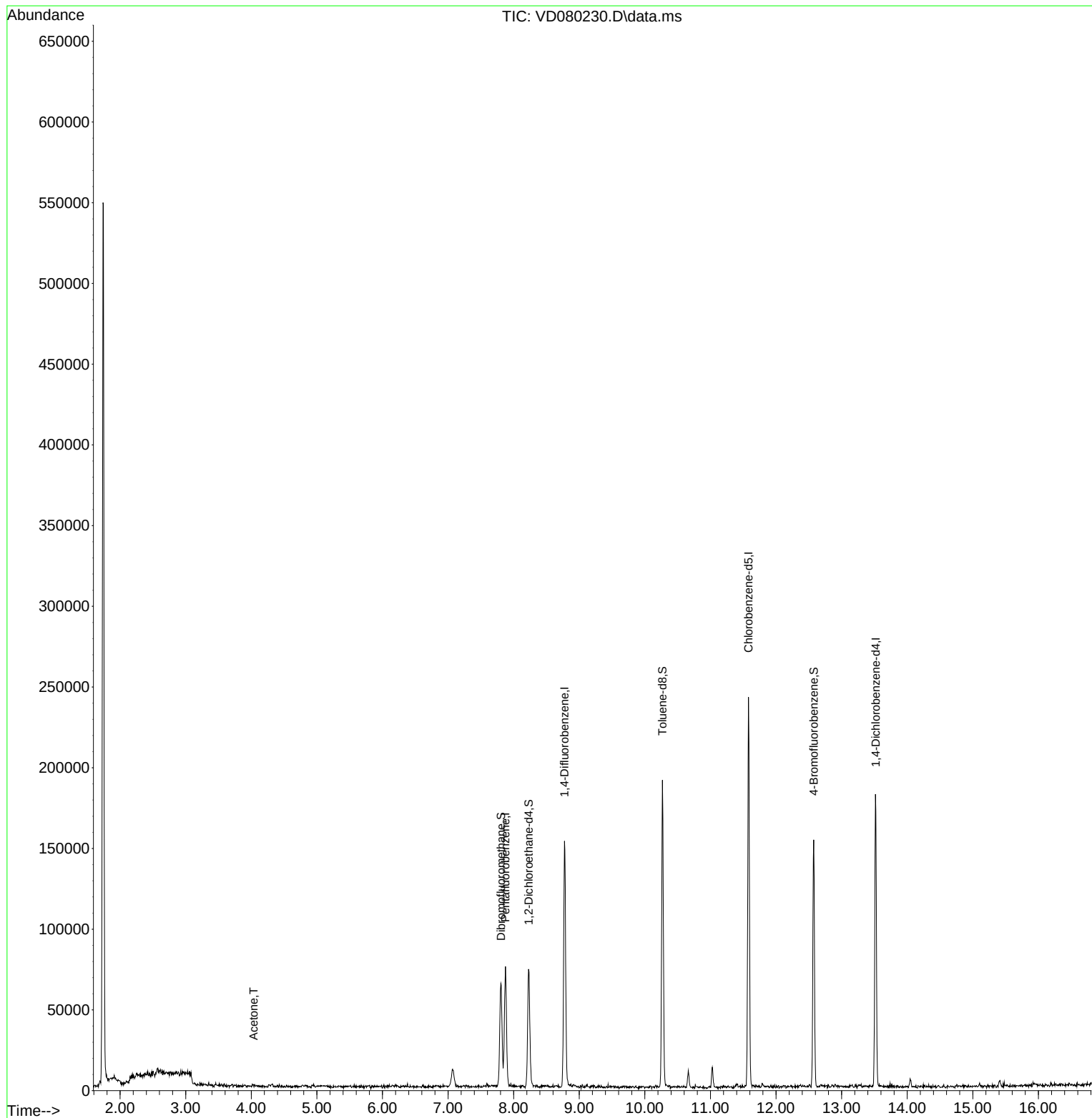
Internal Standards						
1) Pentafluorobenzene	7.875	168	53607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	127589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	131288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	51348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58242	83.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.040%#	
35) Dibromofluoromethane	7.810	113	47593	52.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.260%	
50) Toluene-d8	10.269	98	128533	38.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.660%	
62) 4-Bromofluorobenzene	12.574	95	45527	42.312	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.620%	
Target Compounds						
16) Acetone	4.034	43	2179m	19.389	ug/l	Qvalue

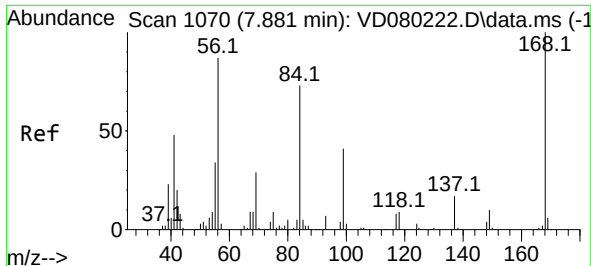
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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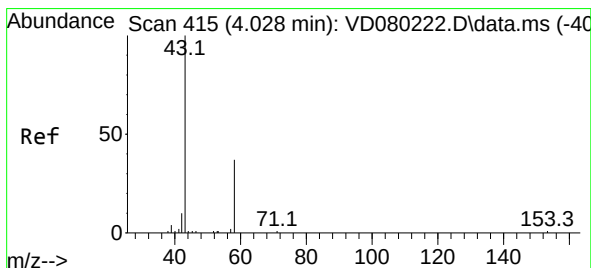
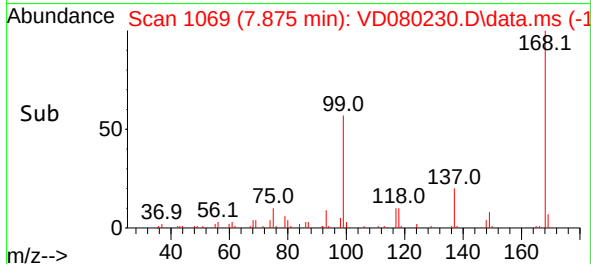
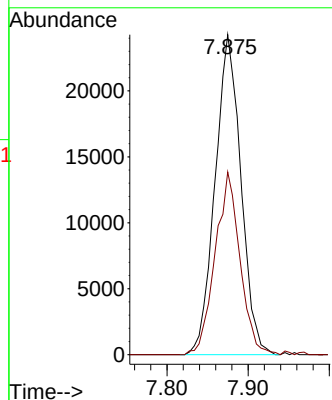
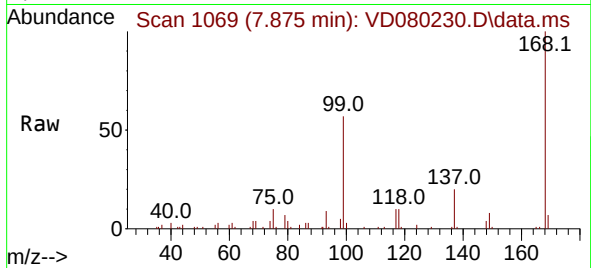




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080230.D
Acq: 03 Feb 2025 17:57

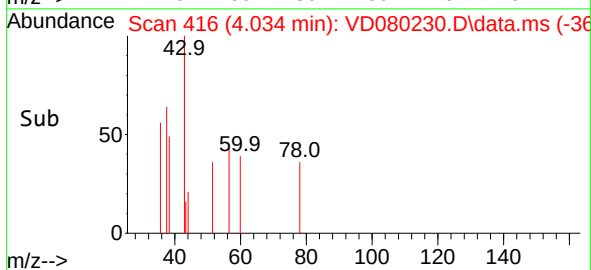
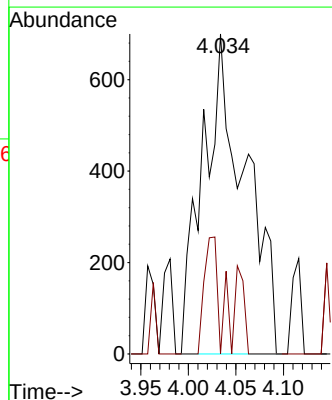
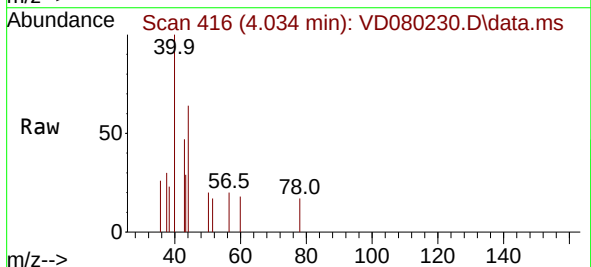
Instrument :
MSVOA_D
ClientSampleId :
RBR200030

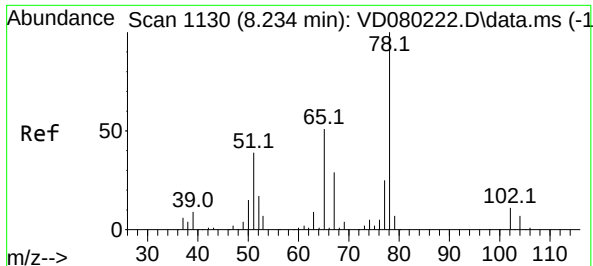
Tgt Ion:168 Resp: 53607
Ion Ratio Lower Upper
168 100
99 57.1 44.4 66.6



#16
Acetone
Concen: 19.389 ug/l m
RT: 4.034 min Scan# 416
Delta R.T. 0.005 min
Lab File: VD080230.D
Acq: 03 Feb 2025 17:57

Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#33

1,2-Dichloroethane-d4

Concen: 83.523 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080230.D

Acq: 03 Feb 2025 17:57

Instrument :

MSVOA_D

ClientSampleId :

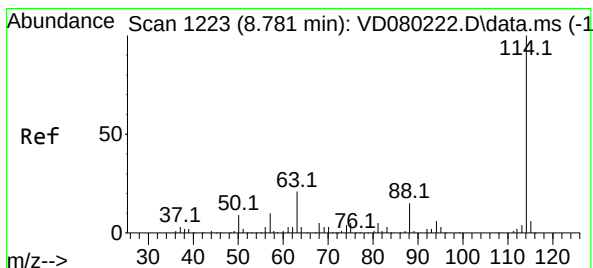
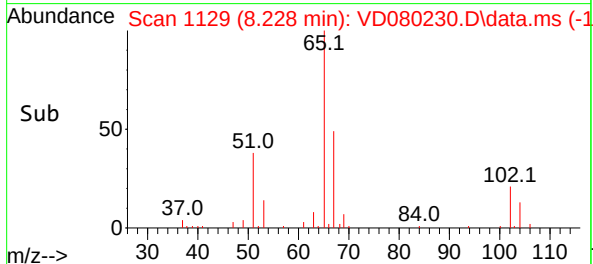
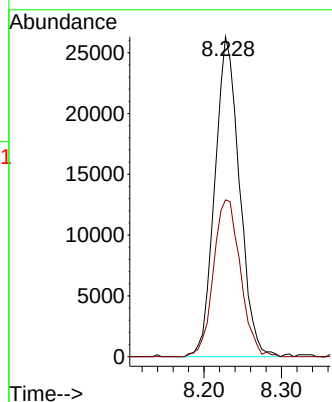
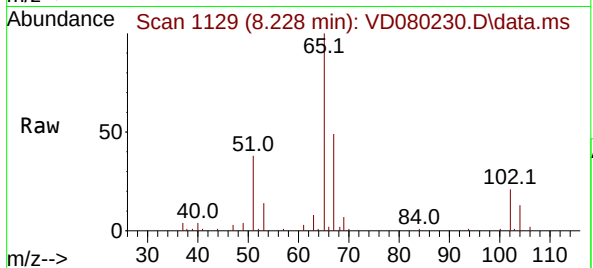
RBR200030

Tgt Ion: 65 Resp: 58242

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080230.D

Acq: 03 Feb 2025 17:57

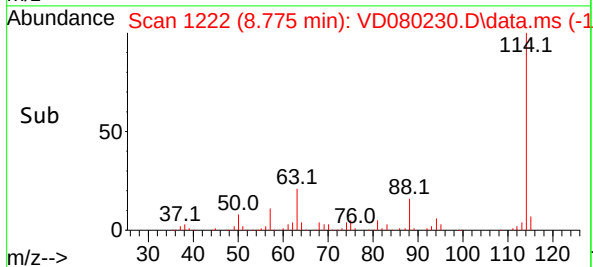
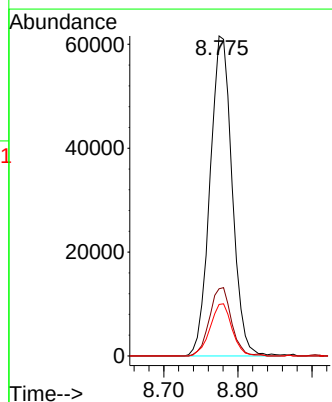
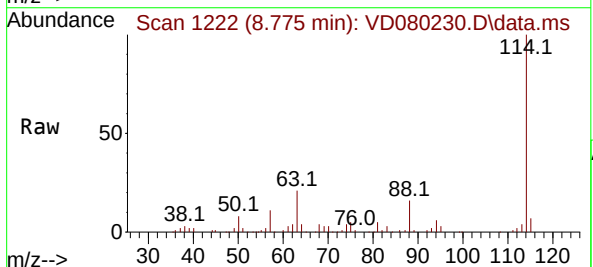
Tgt Ion: 114 Resp: 127589

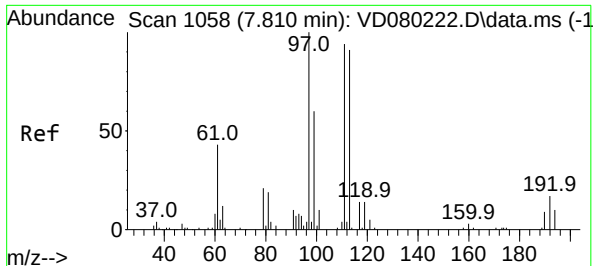
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.632 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080230.D

Acq: 03 Feb 2025 17:57

Instrument :

MSVOA_D

ClientSampleId :

RBR200030

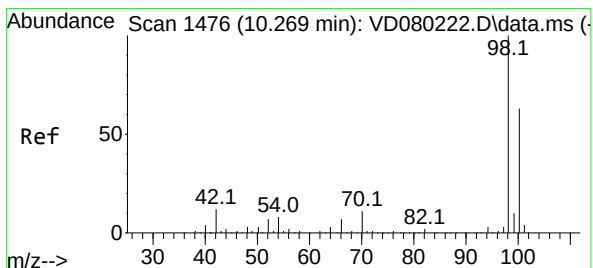
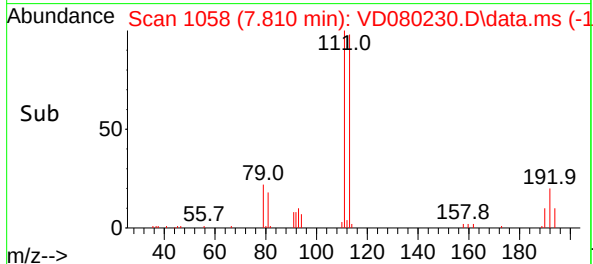
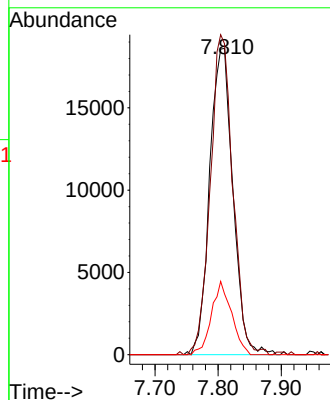
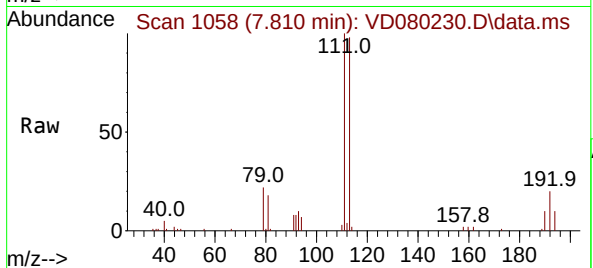
Tgt Ion:113 Resp: 47593

Ion Ratio Lower Upper

113 100

111 100.8 85.0 127.4

192 20.7 15.5 23.3



#50

Toluene-d8

Concen: 38.329 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080230.D

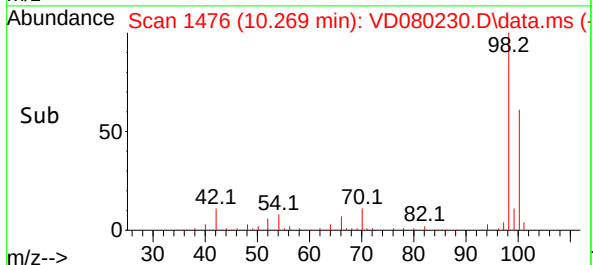
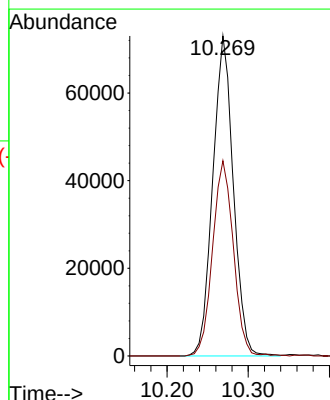
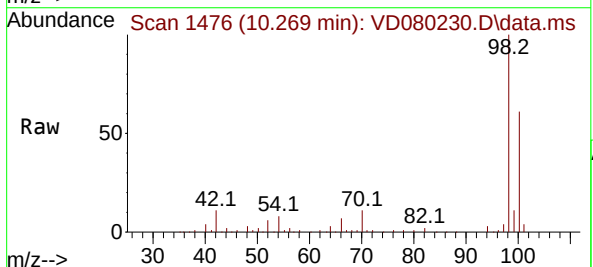
Acq: 03 Feb 2025 17:57

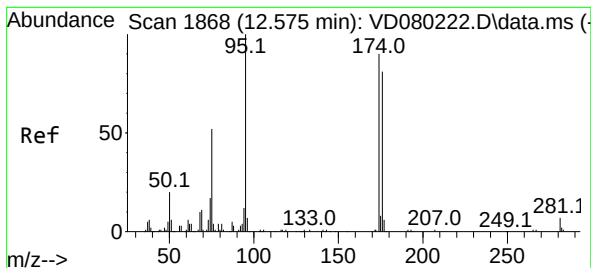
Tgt Ion: 98 Resp: 128533

Ion Ratio Lower Upper

98 100

100 61.7 50.2 75.4

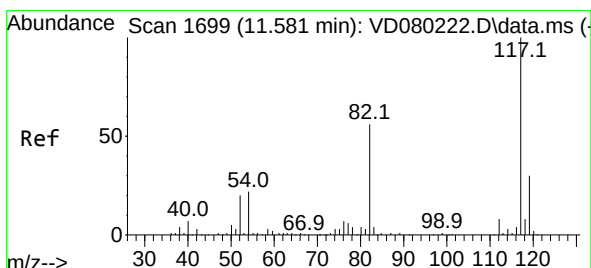
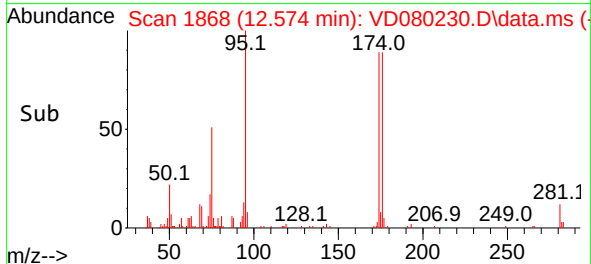
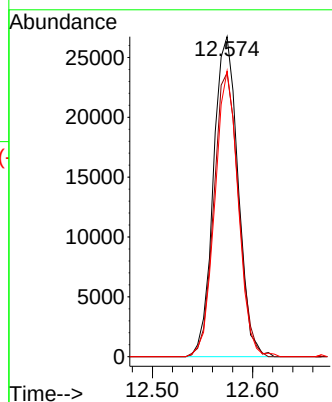
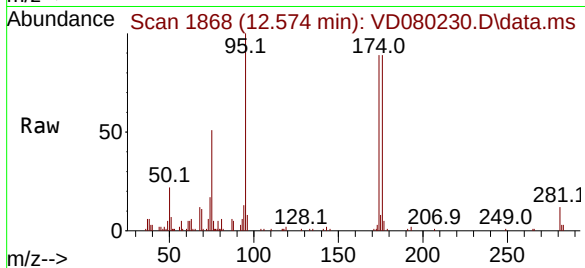




#62
4-Bromofluorobenzene
Concen: 42.312 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080230.D
Acq: 03 Feb 2025 17:57

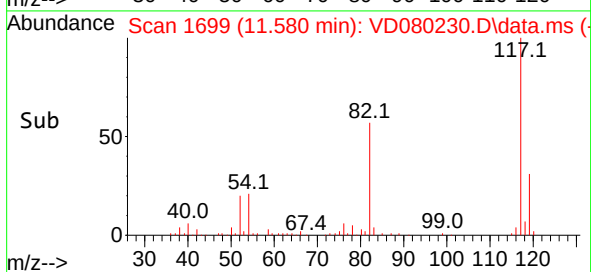
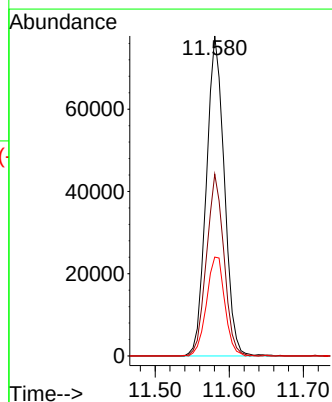
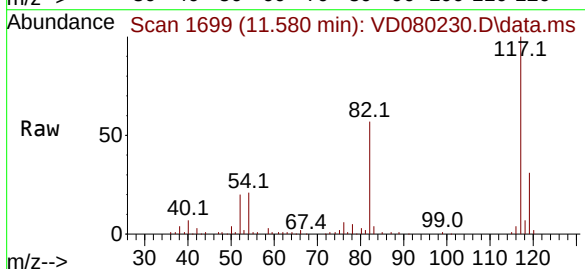
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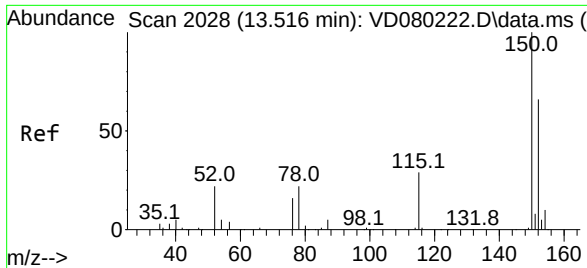
Tgt Ion: 95 Resp: 45527
Ion Ratio Lower Upper
95 100
174 88.8 0.0 171.8
176 84.8 0.0 159.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080230.D
Acq: 03 Feb 2025 17:57

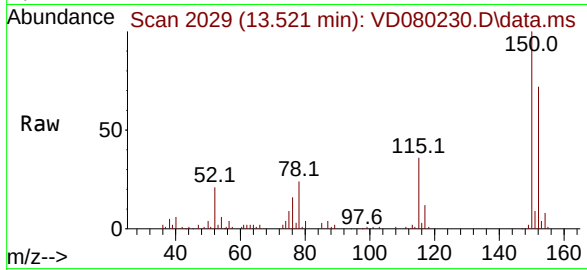
Tgt Ion: 117 Resp: 131288
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.6
119 30.9 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VD080230.D
 Acq: 03 Feb 2025 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200030



Tgt Ion:152 Resp: 51348
 Ion Ratio Lower Upper
 152 100
 115 55.6 30.0 90.1
 150 151.5 0.0 350.4

