

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075106.D
 Acq On : 10 Jan 2023 14:57
 Operator : KP/SY
 Sample : 01080-03RE
 Misc : 9.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2-(35-37)RE

Quant Time: Jan 11 01:50:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

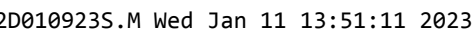
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

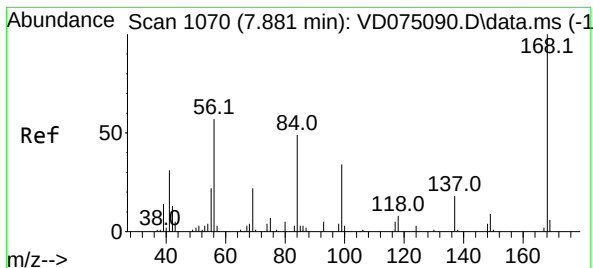
Internal Standards						
1) Pentafluorobenzene	7.875	168	4536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	10777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3755	82.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.140%#	
35) Dibromofluoromethane	7.810	113	3432	50.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.260%	
50) Toluene-d8	10.269	98	12586	46.825	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.640%	
62) 4-Bromofluorobenzene	12.575	95	5014	58.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.240%	

Target Compounds	Qvalue

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

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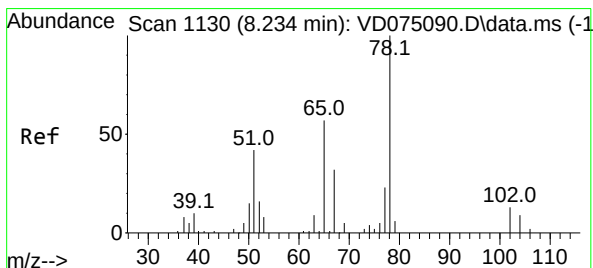
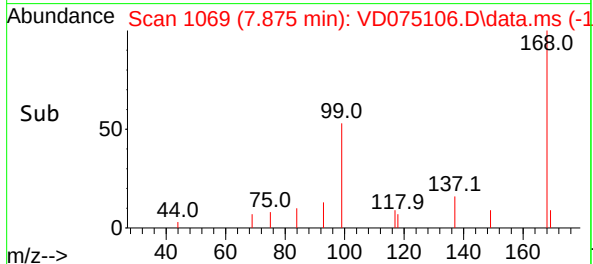
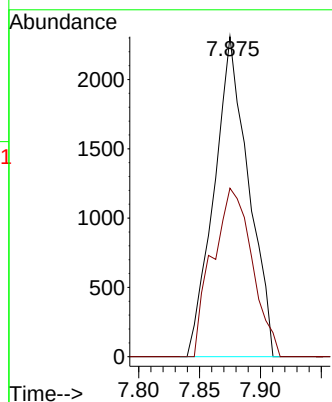
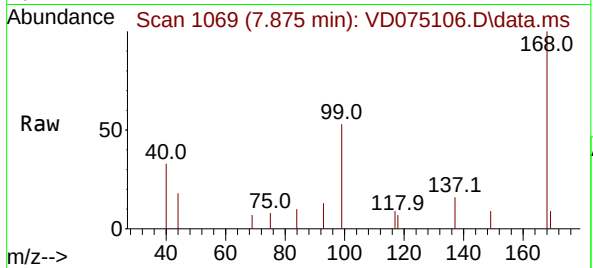




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075106.D
Acq: 10 Jan 2023 14:57

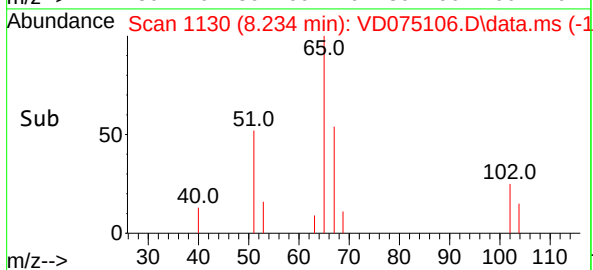
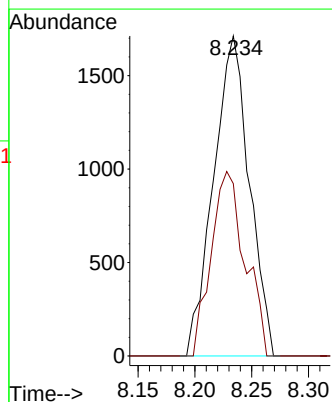
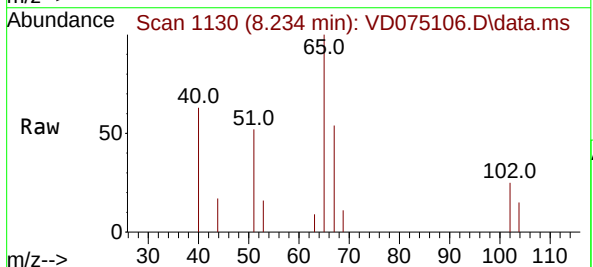
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)RE

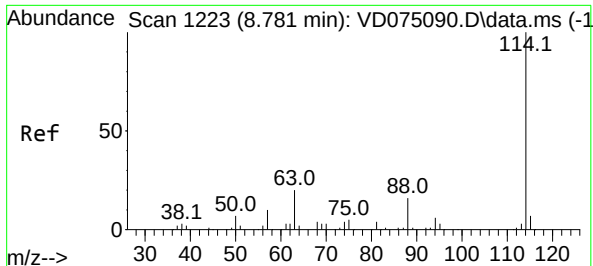
Tgt Ion:168 Resp: 4536
Ion Ratio Lower Upper
168 100
99 52.7 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 82.571 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075106.D
Acq: 10 Jan 2023 14:57

Tgt Ion: 65 Resp: 3755
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075106.D

Acq: 10 Jan 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

B-2-(35-37)RE

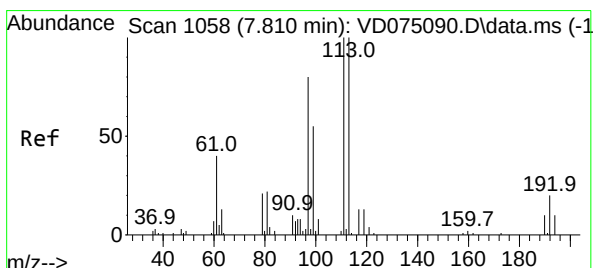
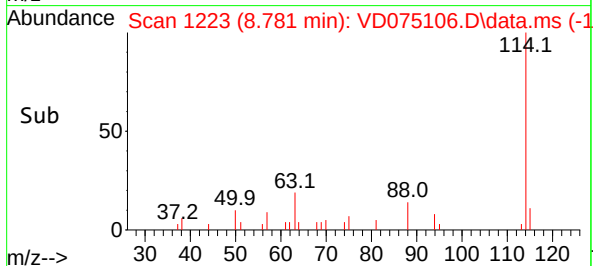
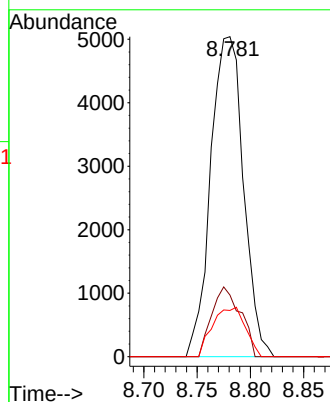
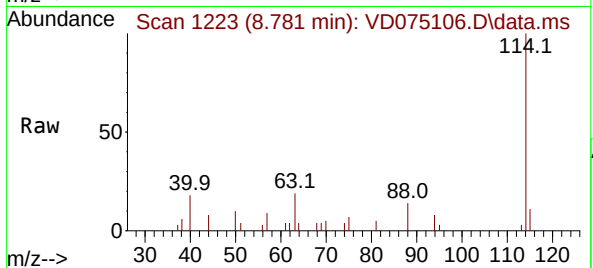
Tgt Ion:114 Resp: 10777

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 14.5 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.627 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075106.D

Acq: 10 Jan 2023 14:57

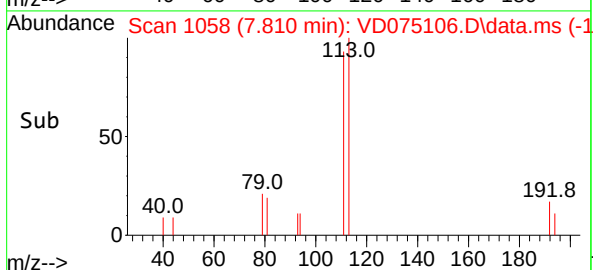
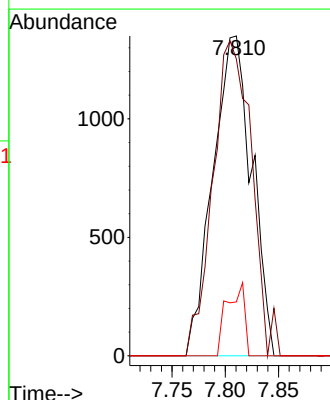
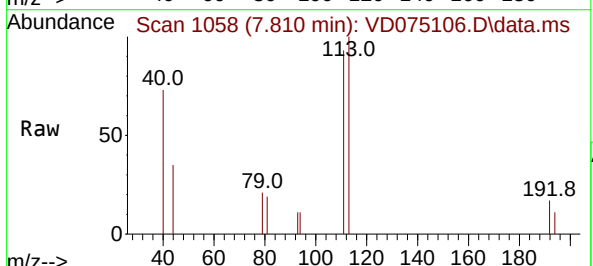
Tgt Ion:113 Resp: 3432

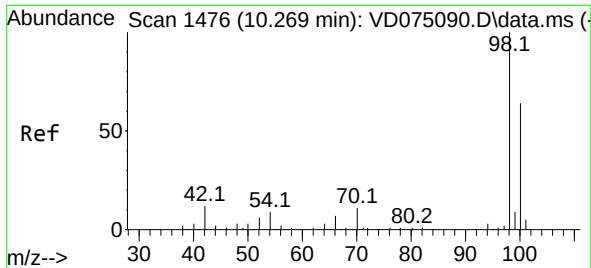
Ion Ratio Lower Upper

113 100

111 97.8 83.2 124.8

192 10.2 15.0 22.6#

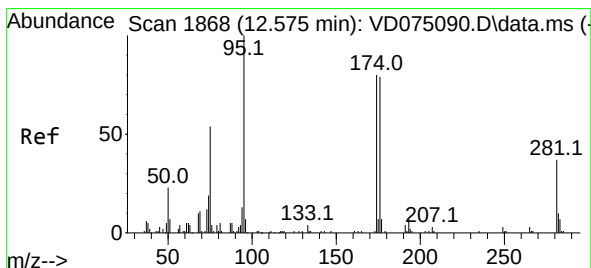
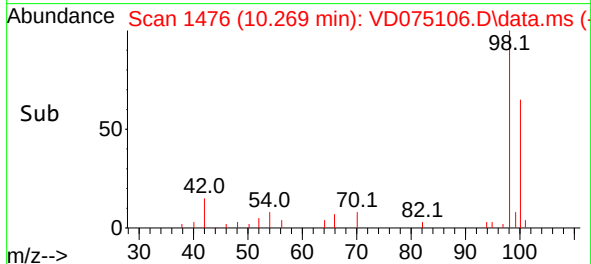
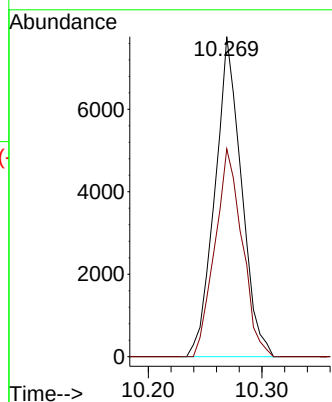
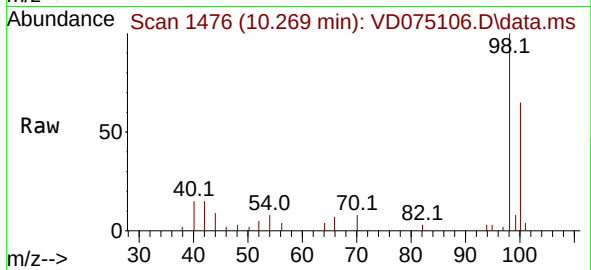




#50
Toluene-d8
Concen: 46.825 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075106.D
Acq: 10 Jan 2023 14:57

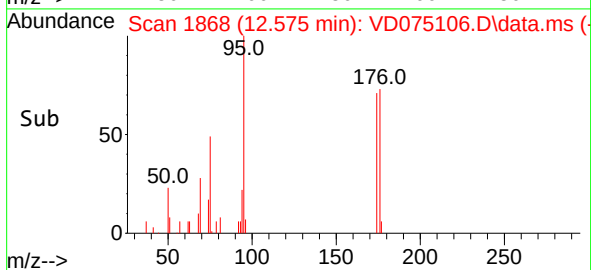
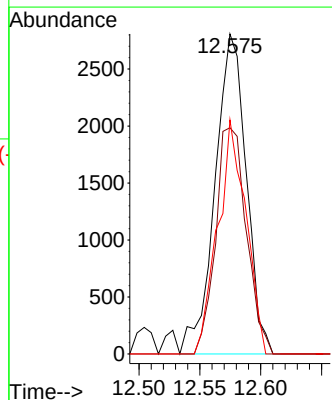
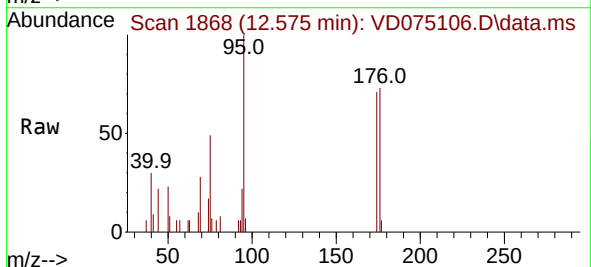
Instrument :
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B-2-(35-37)RE

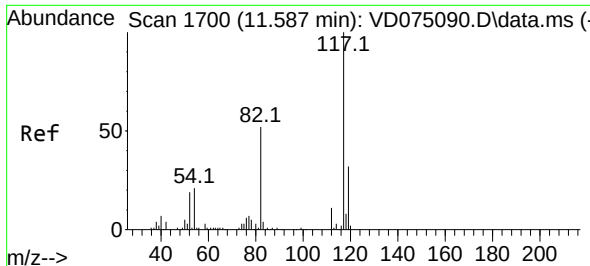
Tgt Ion: 98 Resp: 12586
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.116 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075106.D
Acq: 10 Jan 2023 14:57

Tgt Ion: 95 Resp: 5014
Ion Ratio Lower Upper
95 100
174 69.6 0.0 168.4
176 65.8 0.0 163.8

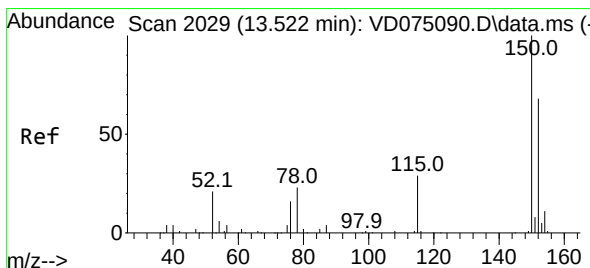
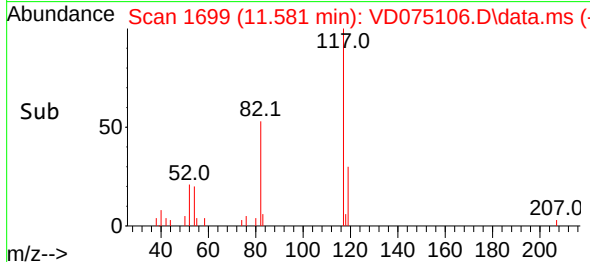
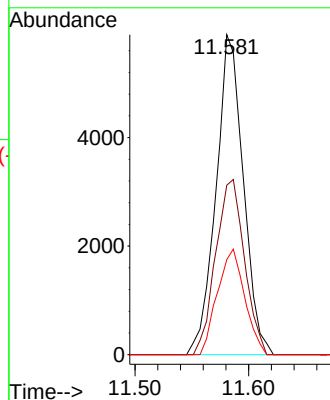
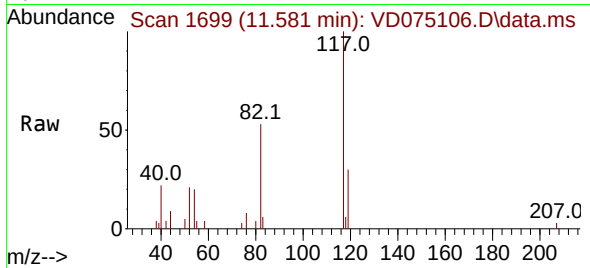




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075106.D
Acq: 10 Jan 2023 14:57

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)RE

Tgt Ion:117 Resp: 9852
Ion Ratio Lower Upper
117 100
82 53.0 41.3 61.9
119 29.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075106.D
Acq: 10 Jan 2023 14:57

Tgt Ion:152 Resp: 4280
Ion Ratio Lower Upper
152 100
115 65.4 28.7 86.1
150 163.6 0.0 343.2

