

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075689.D
 Acq On : 14 Apr 2023 20:04
 Operator : KP/SY
 Sample : 02347-02
 Misc : 4.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230246-13-4

Quant Time: Apr 17 09:17:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

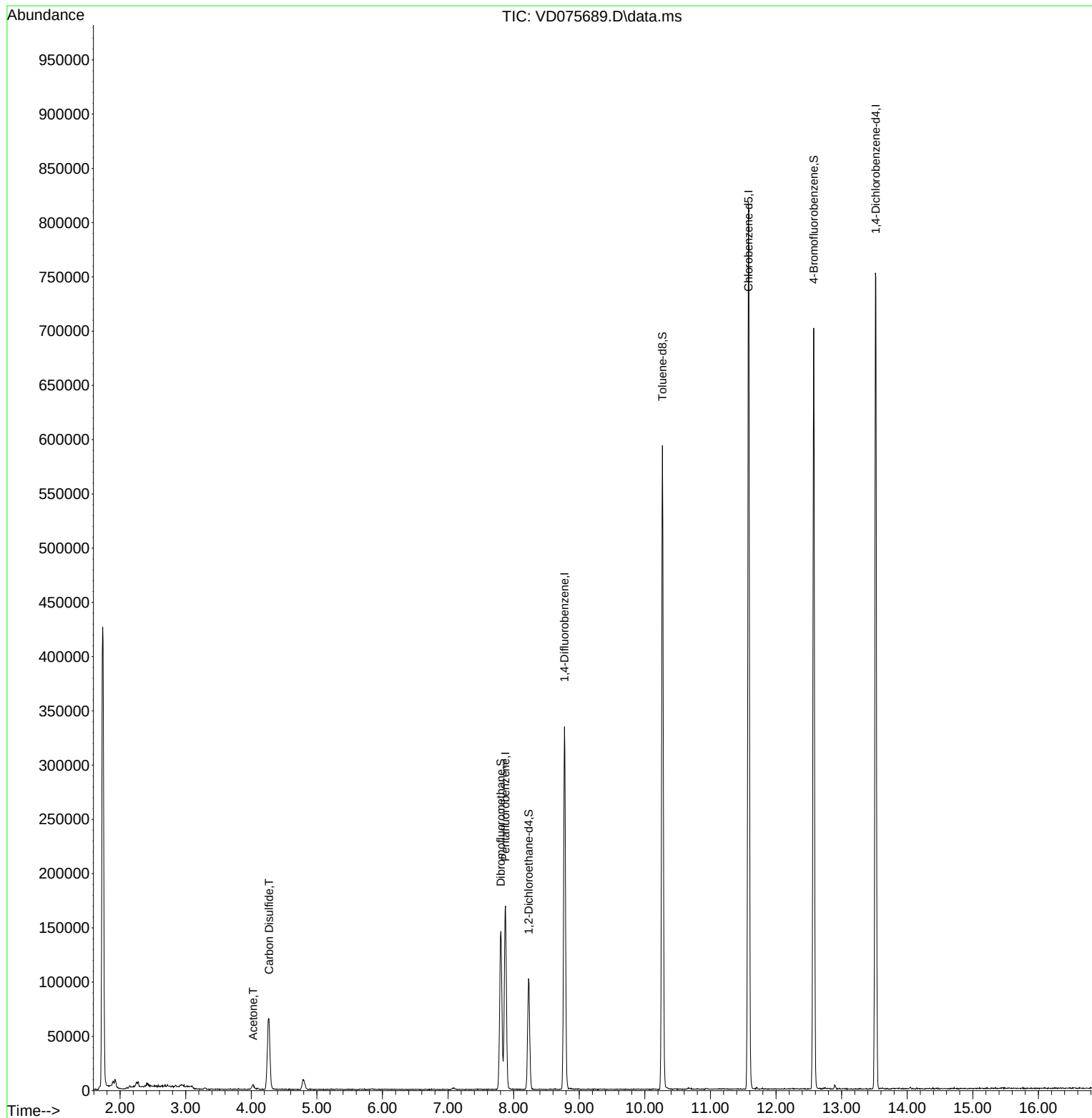
Internal Standards						
1) Pentafluorobenzene	7.875	168	138243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	318368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	530246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	217305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77538	59.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.804	113	110420	51.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.140%	
50) Toluene-d8	10.269	98	430179	50.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.575	95	217311	95.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 190.680%#	
Target Compounds						
						Qvalue
16) Acetone	4.028	43	6993	29.090	ug/l	93
17) Carbon Disulfide	4.269	76	145591	28.733	ug/l	99

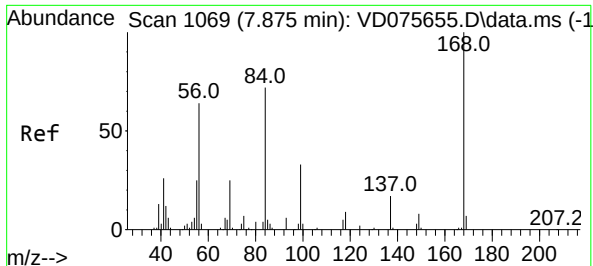
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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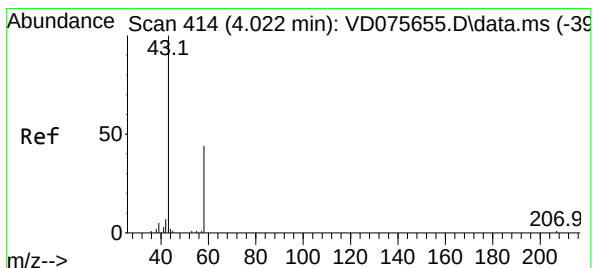
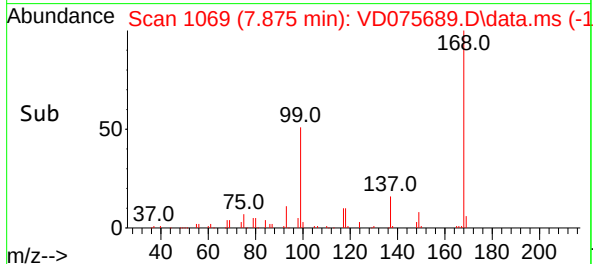
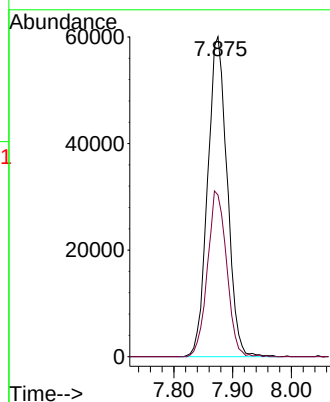
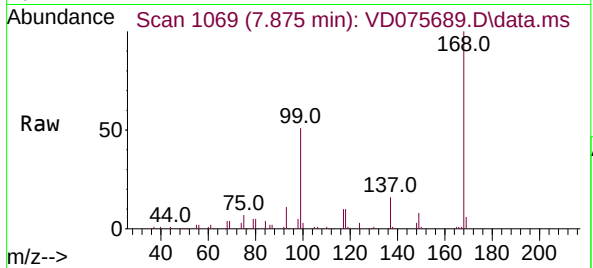




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075689.D
Acq: 14 Apr 2023 20:04

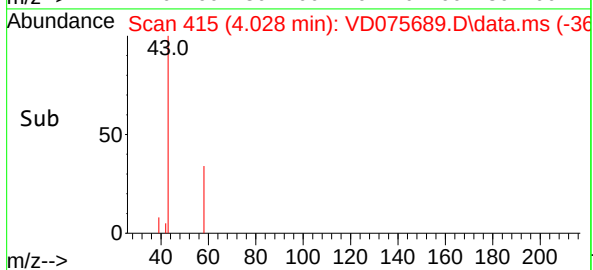
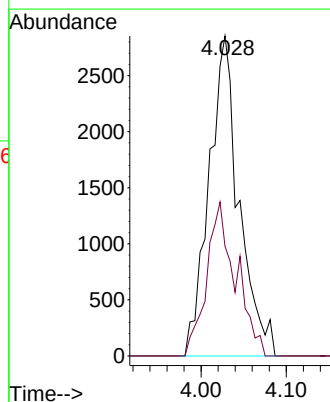
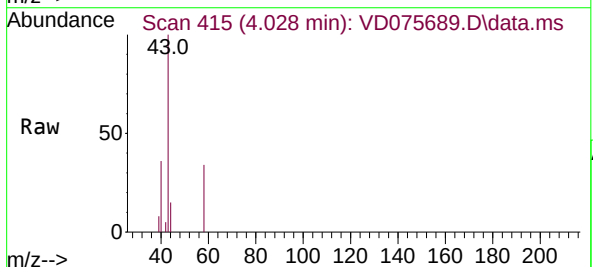
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

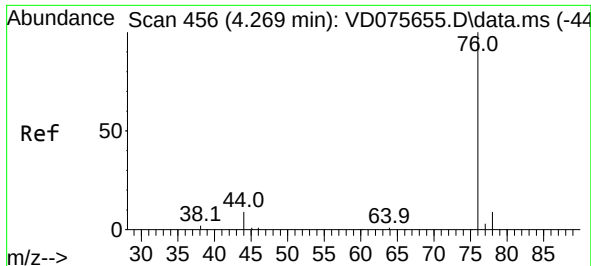
Tgt Ion:168 Resp: 138243
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#16
Acetone
Concen: 29.090 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075689.D
Acq: 14 Apr 2023 20:04

Tgt Ion: 43 Resp: 6993
Ion Ratio Lower Upper
43 100
58 34.3 24.4 36.6

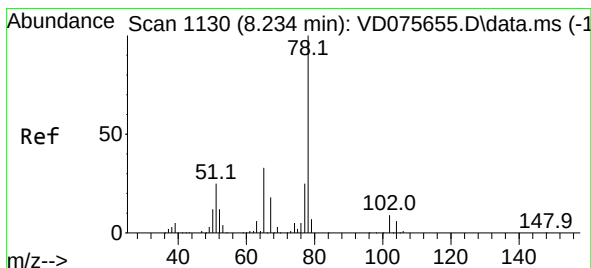
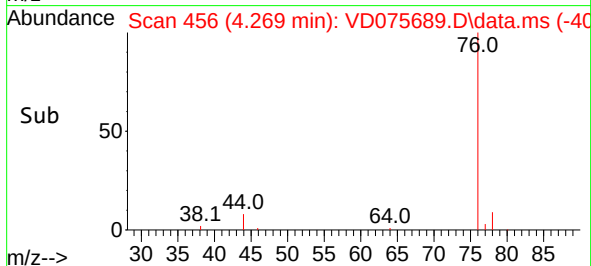
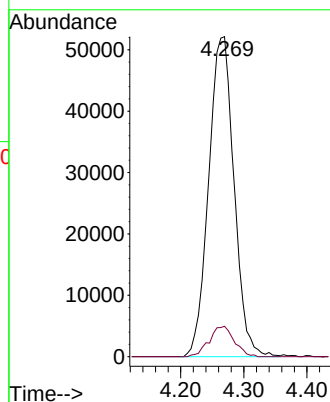
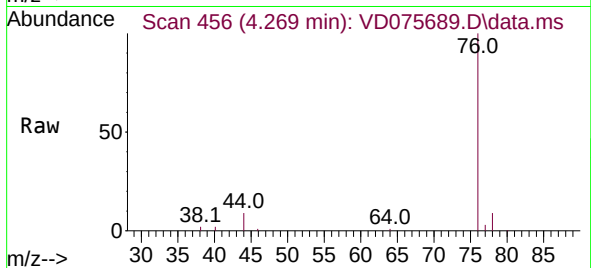




#17
Carbon Disulfide
Concen: 28.733 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075689.D
Acq: 14 Apr 2023 20:04

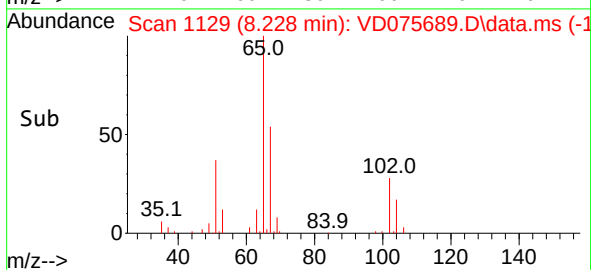
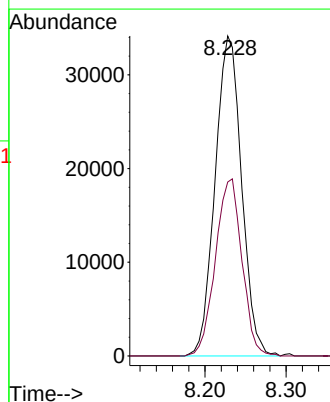
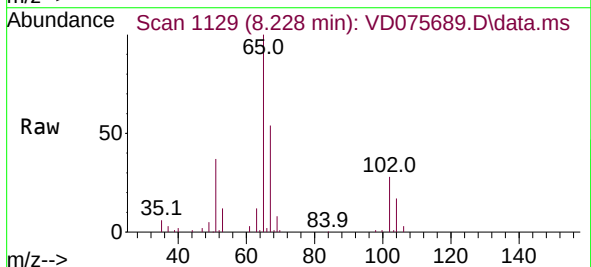
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

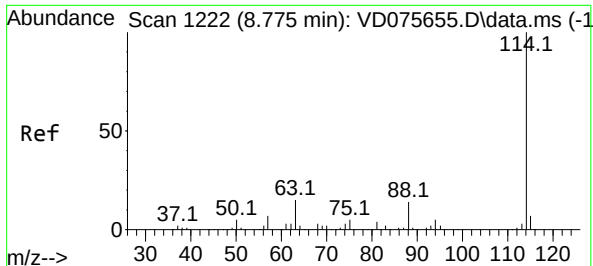
Tgt Ion: 76 Resp: 145591
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0



#33
1,2-Dichloroethane-d4
Concen: 59.090 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075689.D
Acq: 14 Apr 2023 20:04

Tgt Ion: 65 Resp: 77538
Ion Ratio Lower Upper
65 100
67 55.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075689.D

Acq: 14 Apr 2023 20:04

Instrument :

MSVOA_D

ClientSampleId :

20230246-13-4

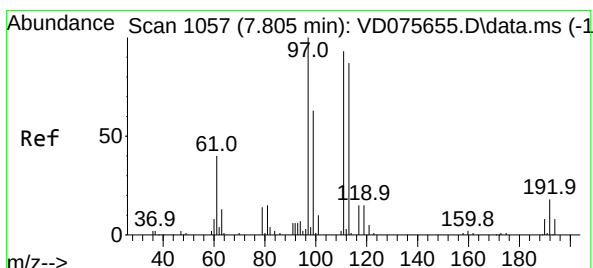
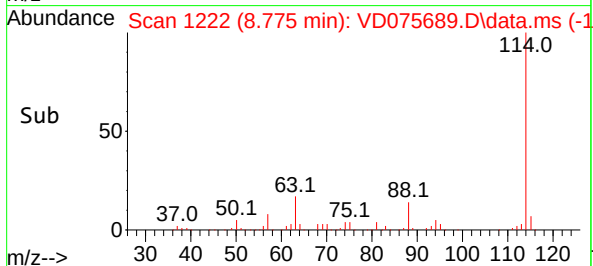
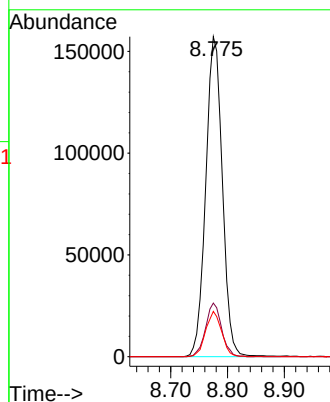
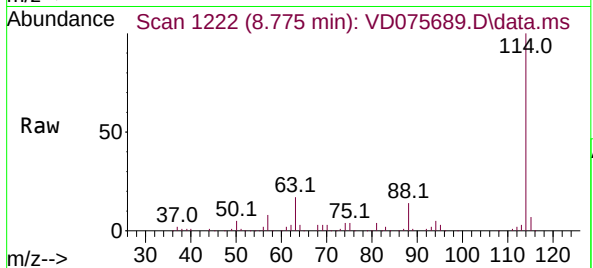
Tgt Ion:114 Resp: 318368

Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.566 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075689.D

Acq: 14 Apr 2023 20:04

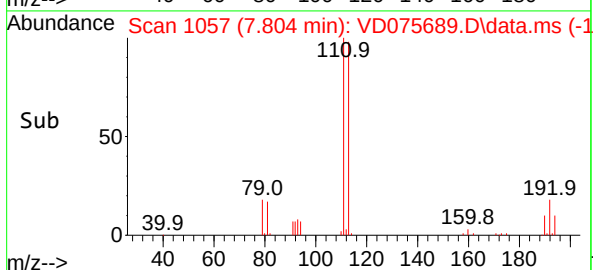
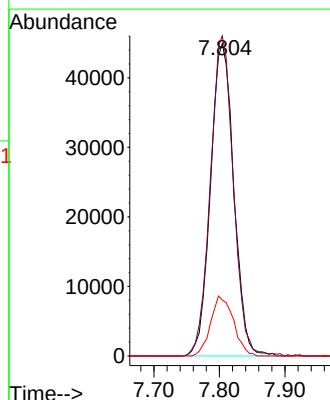
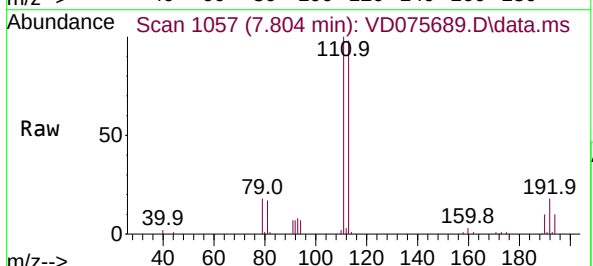
Tgt Ion:113 Resp: 110420

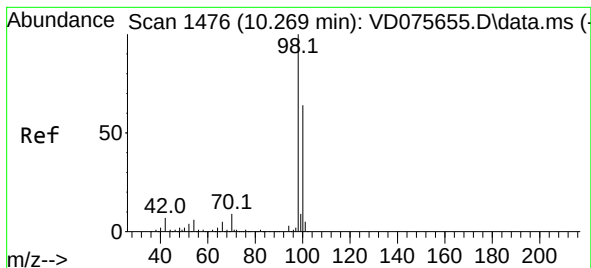
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 18.8 15.2 22.8

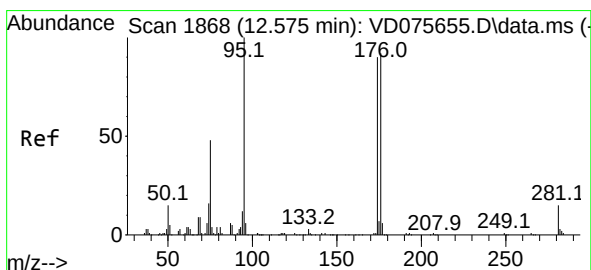
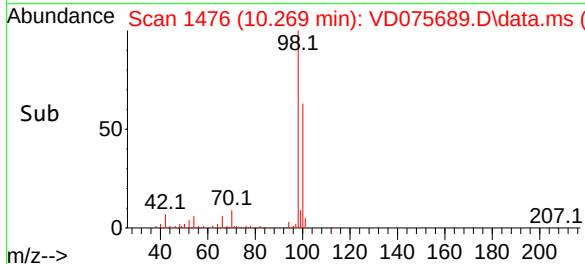
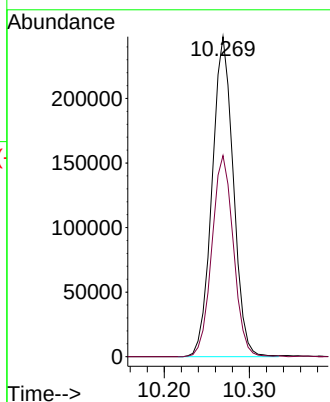
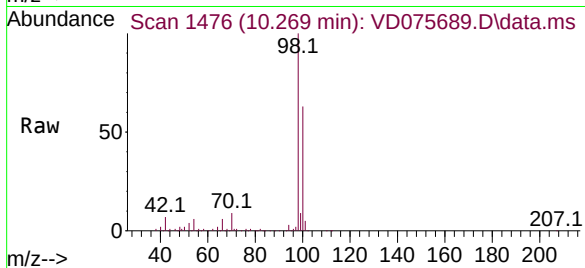




#50
Toluene-d8
Concen: 50.166 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075689.D
Acq: 14 Apr 2023 20:04

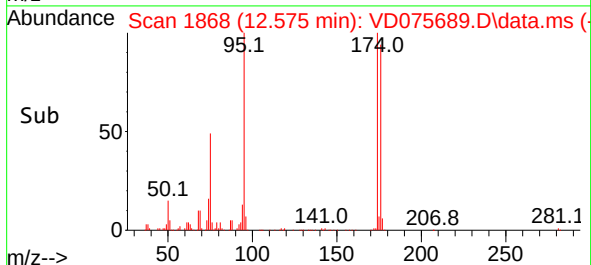
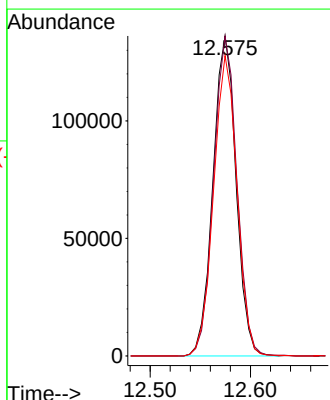
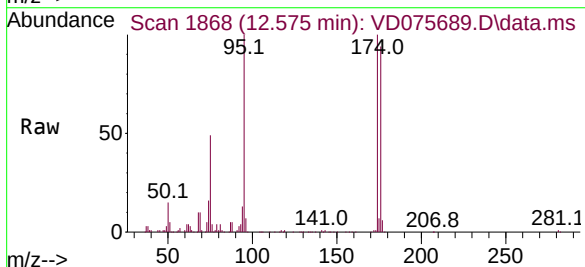
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20230246-13-4

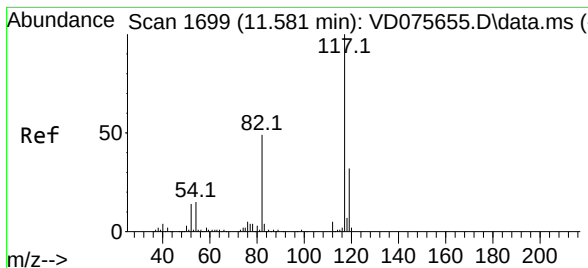
Tgt Ion: 98 Resp: 430179
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 95.343 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075689.D
Acq: 14 Apr 2023 20:04

Tgt Ion: 95 Resp: 217311
Ion Ratio Lower Upper
95 100
174 101.0 0.0 164.0
176 95.3 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075689.D

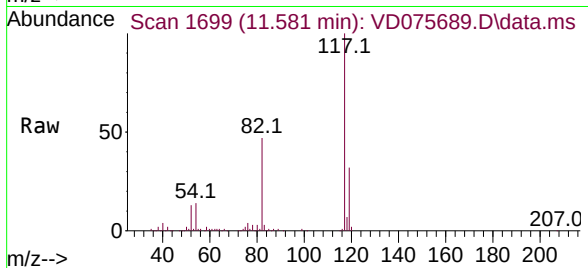
Acq: 14 Apr 2023 20:04

Instrument :

MSVOA_D

ClientSampleId :

20230246-13-4



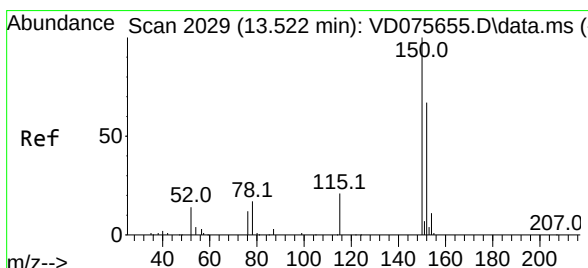
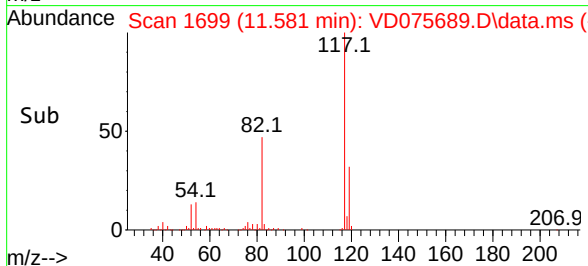
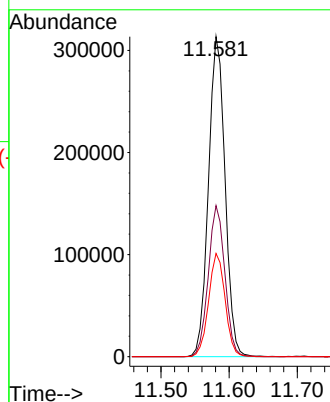
Tgt Ion:117 Resp: 530246

Ion Ratio Lower Upper

117 100

82 47.2 44.0 66.0

119 32.3 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075689.D

Acq: 14 Apr 2023 20:04

Tgt Ion:152 Resp: 217305

Ion Ratio Lower Upper

152 100

115 56.2 30.1 90.3

150 157.2 0.0 364.8

