

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075647.D
 Acq On : 12 Apr 2023 18:46
 Operator : KP/SY
 Sample : 02262-05
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-1-040723

Quant Time: Apr 13 07:30:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

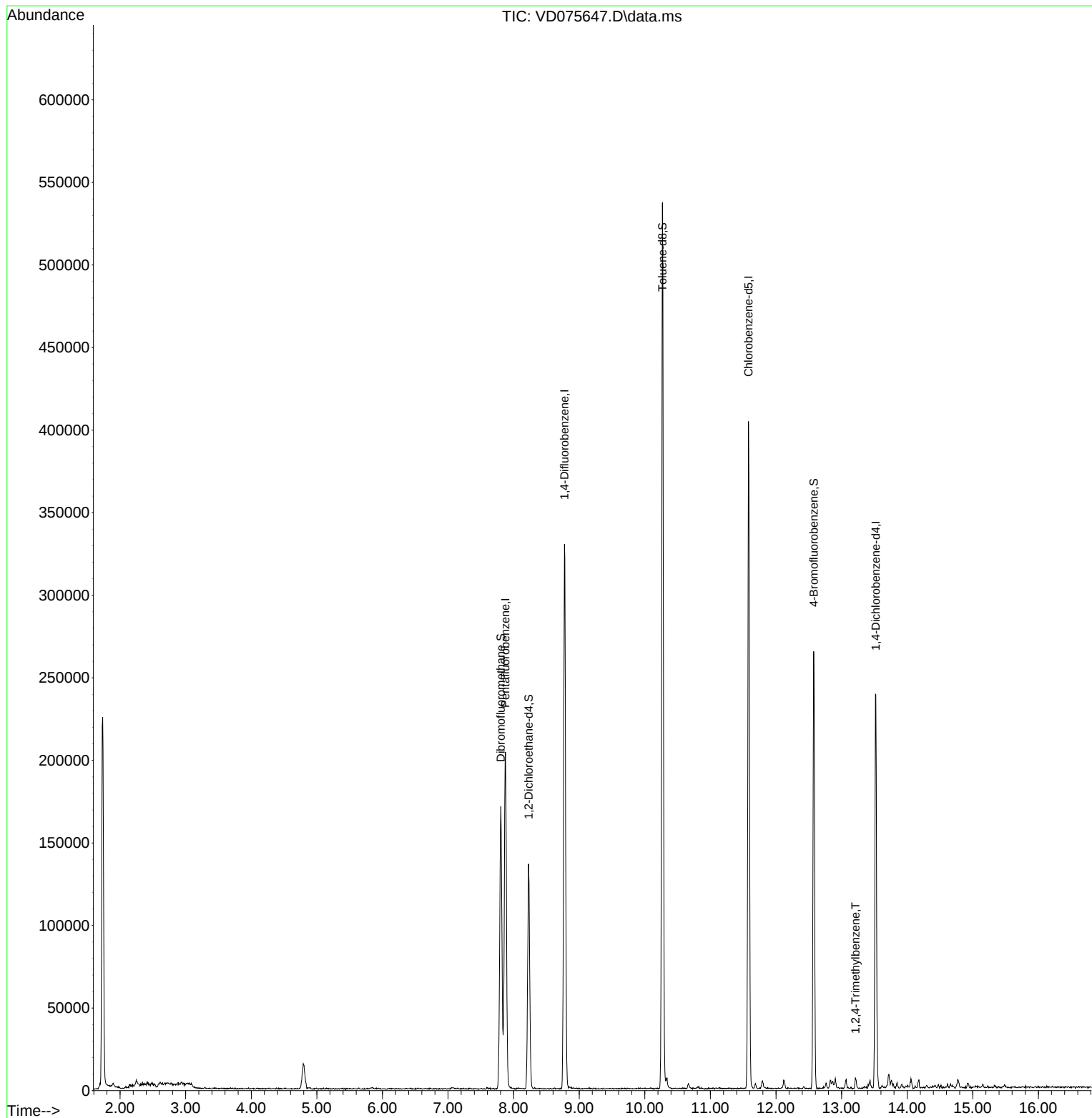
Internal Standards						
1) Pentafluorobenzene	7.875	168	169381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	71146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100042	71.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.000%	
35) Dibromofluoromethane	7.805	113	127864	68.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.620%	
50) Toluene-d8	10.269	98	393334	53.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.575	95	82191	38.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.100%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.210	105	4396	1.204	ug/l	Qvalue 91

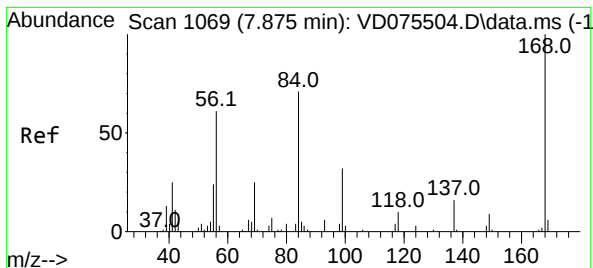
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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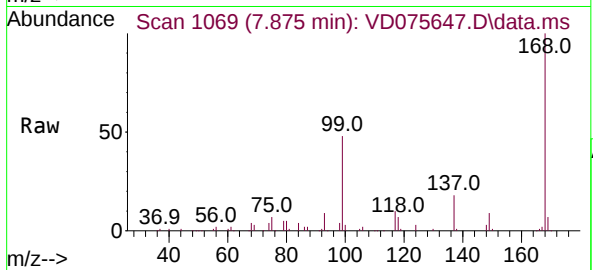
Quant Time: Apr 13 07:30:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
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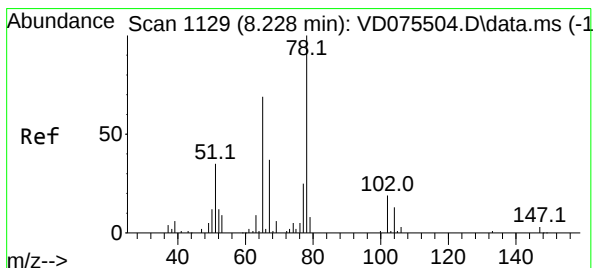
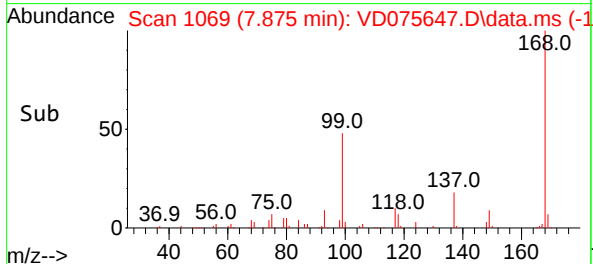
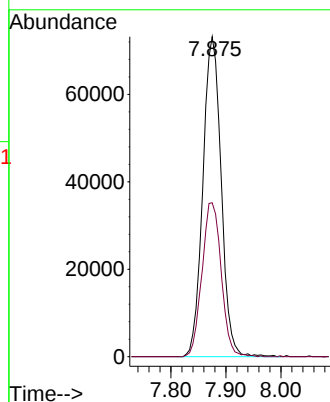


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723

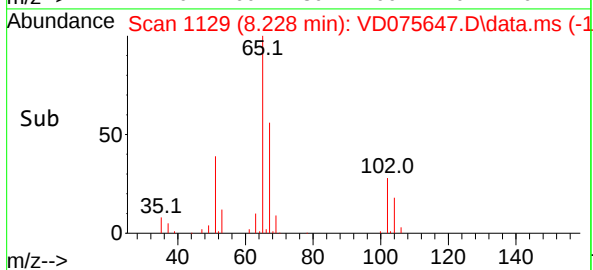
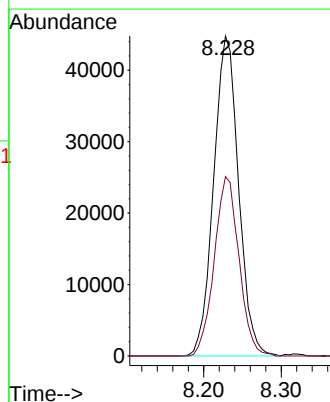
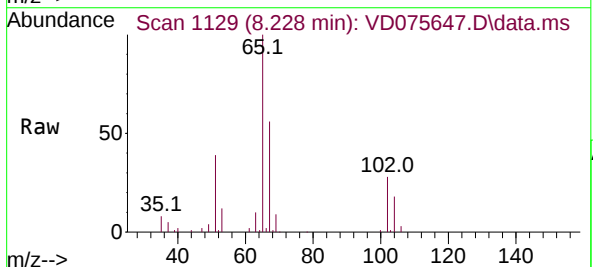


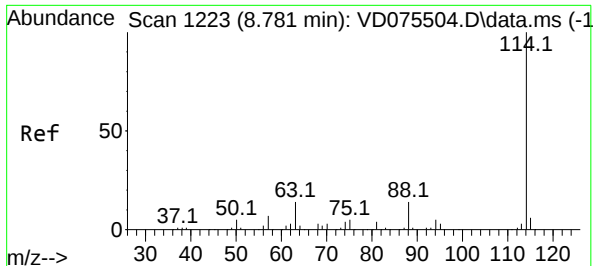
Tgt Ion:168 Resp: 169381
Ion Ratio Lower Upper
168 100
99 48.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 71.998 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

Tgt Ion: 65 Resp: 100042
Ion Ratio Lower Upper
65 100
67 55.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

JPP-1-040723

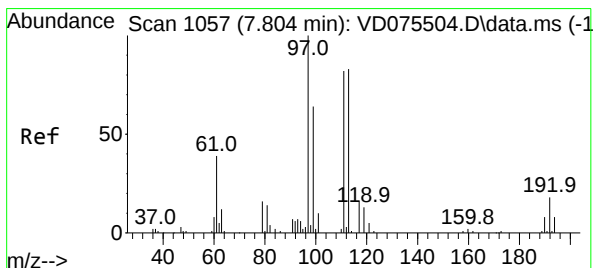
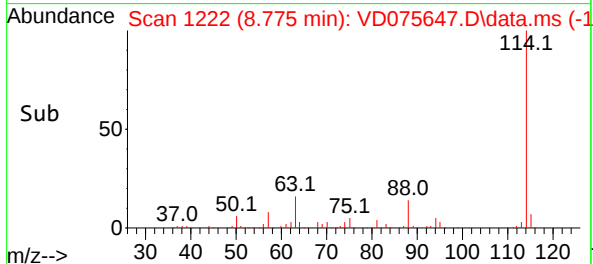
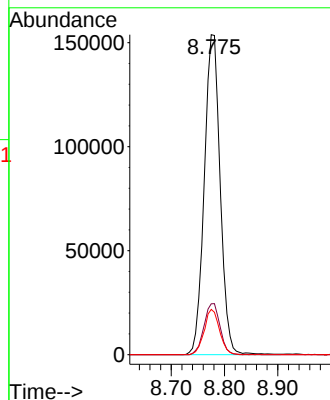
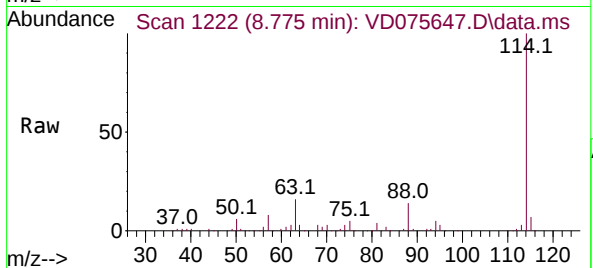
Tgt Ion:114 Resp: 319387

Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 68.311 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

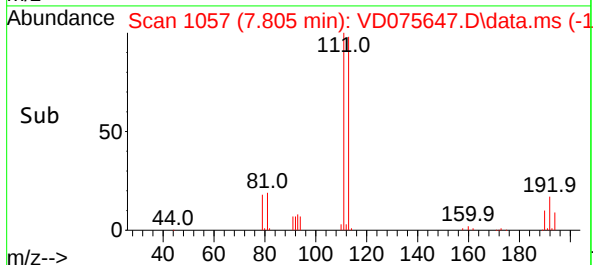
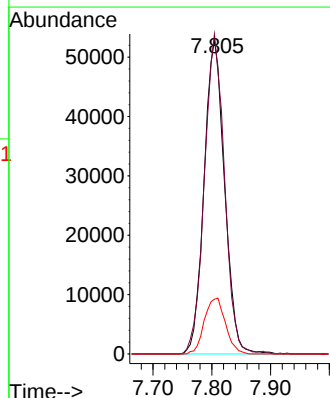
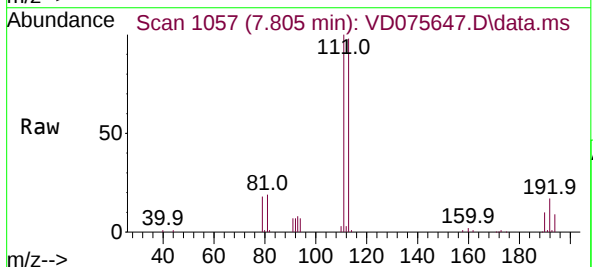
Tgt Ion:113 Resp: 127864

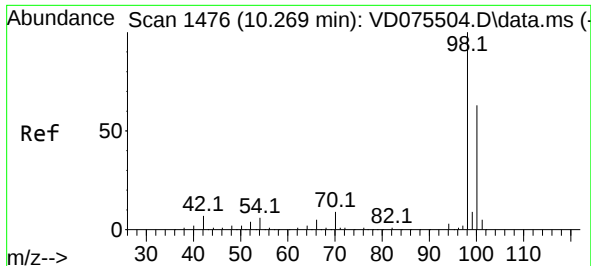
Ion Ratio Lower Upper

113 100

111 100.1 81.4 122.0

192 18.3 15.2 22.8

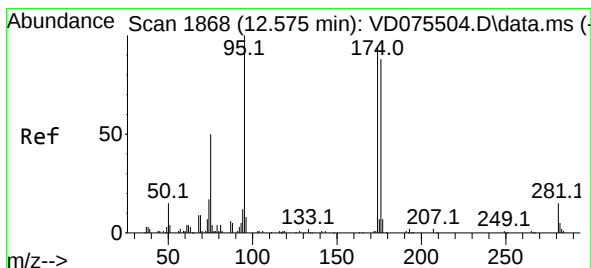
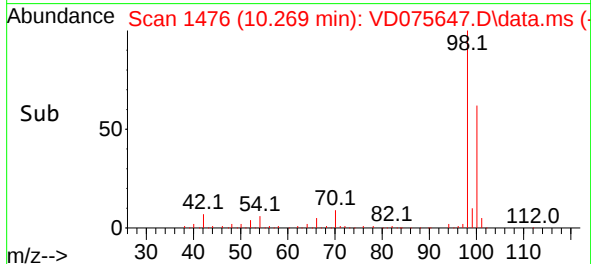
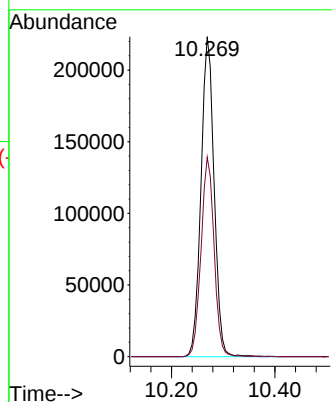
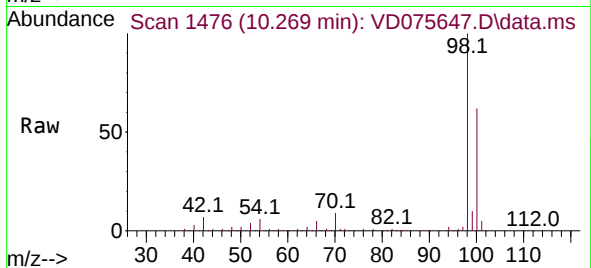




#50
Toluene-d8
Concen: 53.574 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

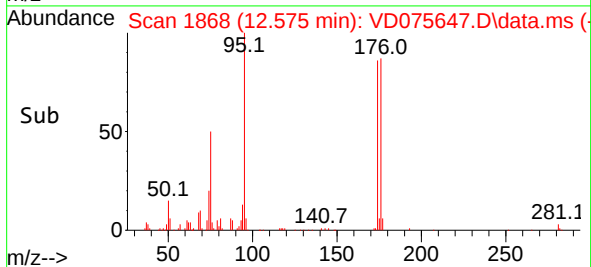
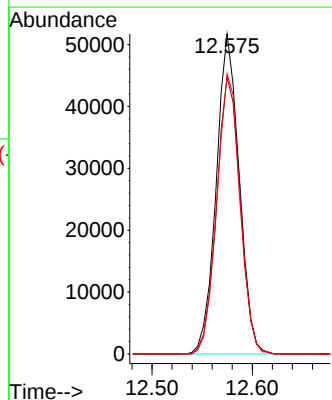
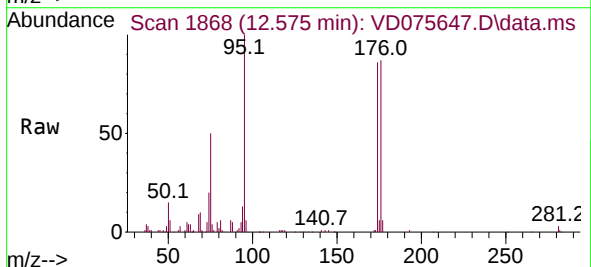
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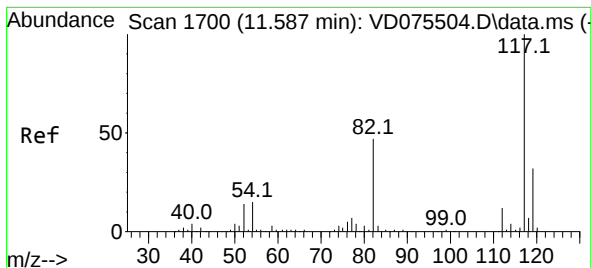
Tgt Ion: 98 Resp: 393334
Ion Ratio Lower Upper
98 100
100 62.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.053 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075647.D
Acq: 12 Apr 2023 18:46

Tgt Ion: 95 Resp: 82191
Ion Ratio Lower Upper
95 100
174 89.0 0.0 164.0
176 87.9 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075647.D

Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

JPP-1-040723

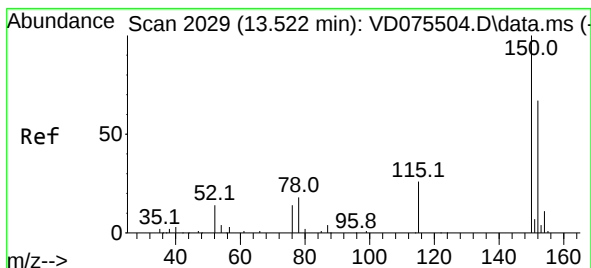
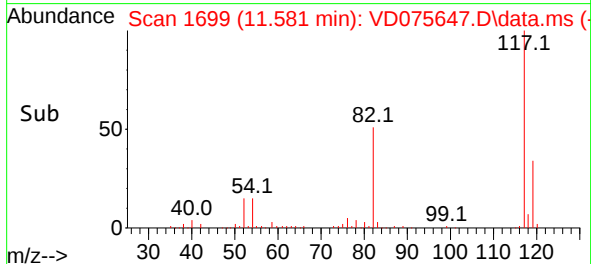
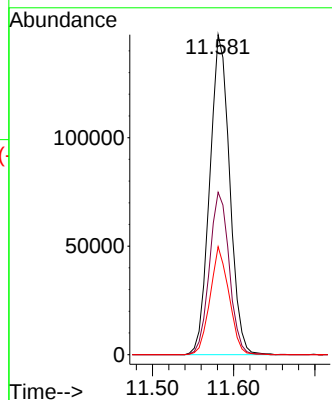
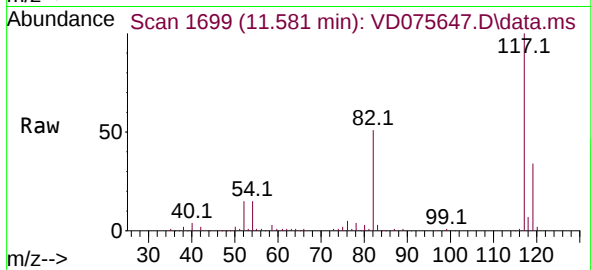
Tgt Ion:117 Resp: 251527

Ion Ratio Lower Upper

117 100

82 50.7 44.0 66.0

119 33.8 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: VD075647.D

Acq: 12 Apr 2023 18:46

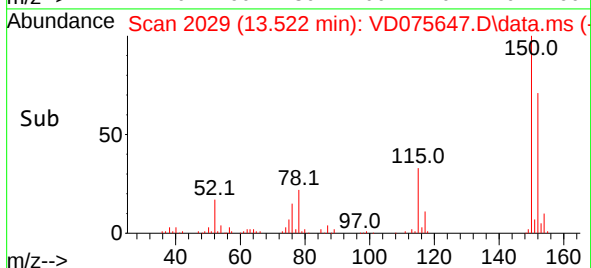
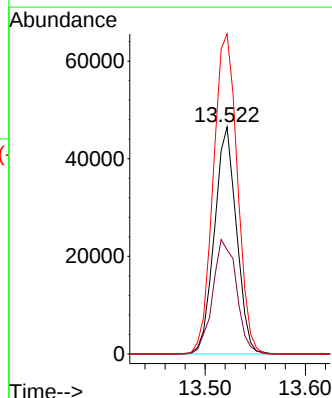
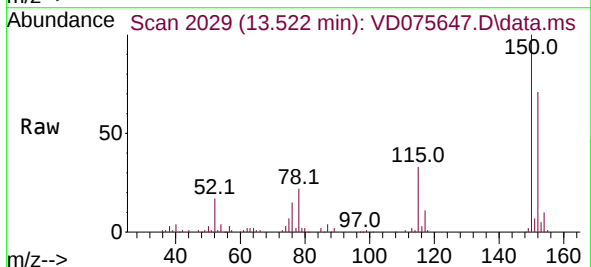
Tgt Ion:152 Resp: 71146

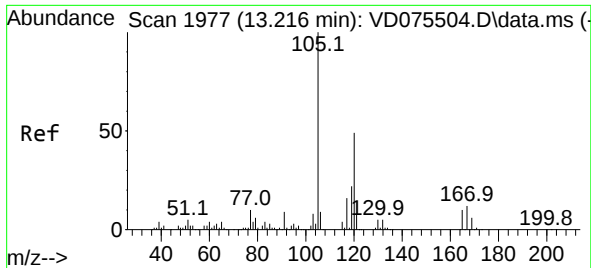
Ion Ratio Lower Upper

152 100

115 54.5 30.1 90.3

150 153.1 0.0 364.8





#84

1,2,4-Trimethylbenzene

Concen: 1.204 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD075647.D

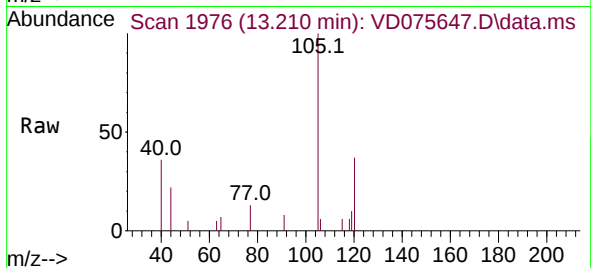
Acq: 12 Apr 2023 18:46

Instrument :

MSVOA_D

ClientSampleId :

JPP-1-040723



Tgt Ion:105 Resp: 4396

Ion Ratio Lower Upper

105 100

120 50.2 22.3 66.9

