

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078533.D
 Acq On : 23 Feb 2024 13:54
 Operator : RP/MD
 Sample : P1573-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-022224

Quant Time: Feb 24 00:21:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

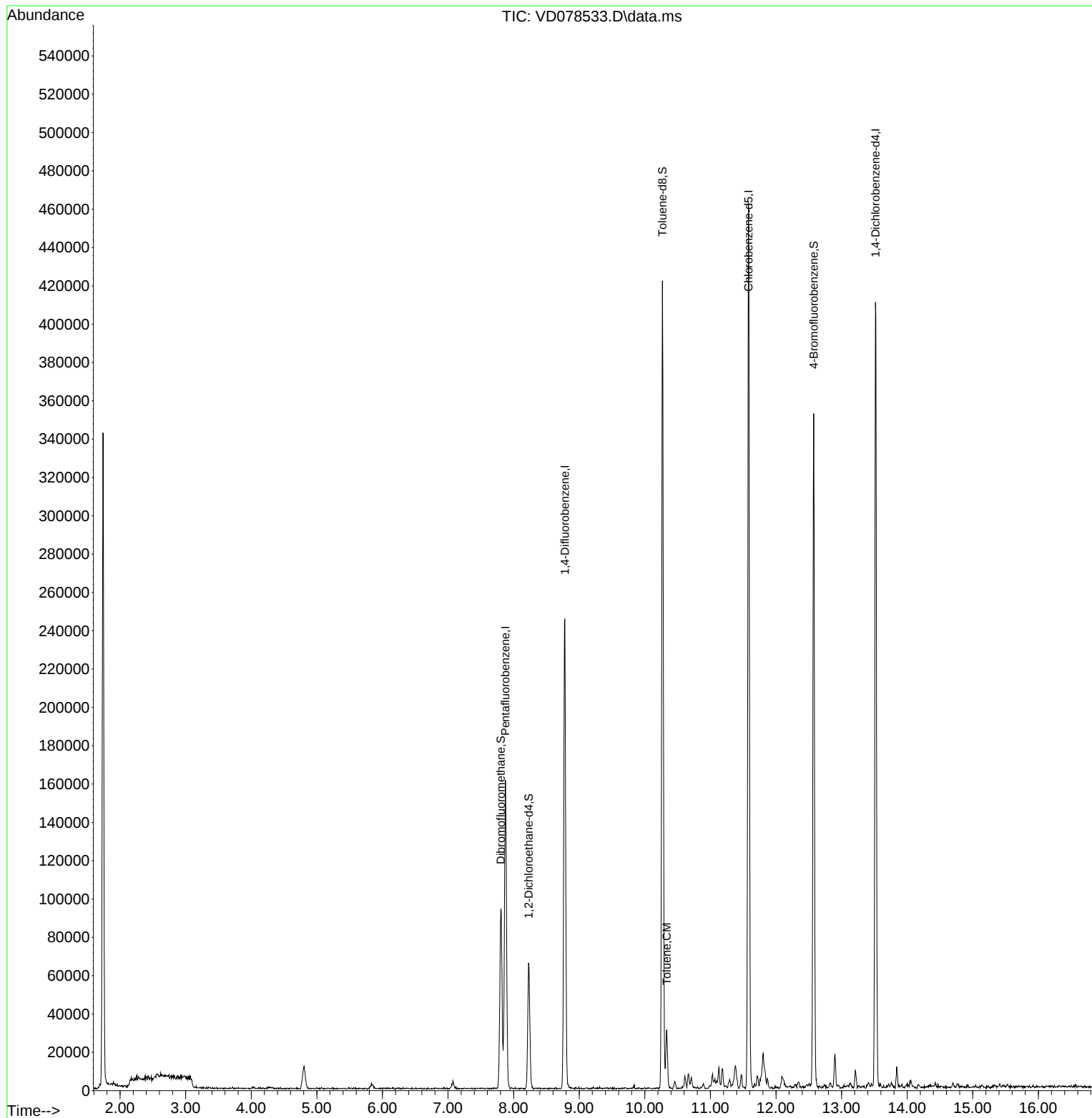
Internal Standards						
1) Pentafluorobenzene	7.875	168	122330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	228709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50013	37.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.620%
35) Dibromofluoromethane	7.805	113	69206	47.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.269	98	287798	49.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.575	95	105562	62.418	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.840%
Target Compounds						
52) Toluene	10.334	92	12626	3.061	ug/l	Qvalue 97

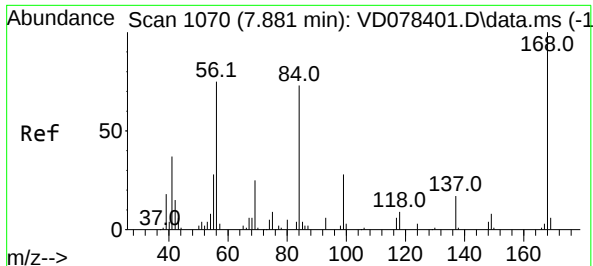
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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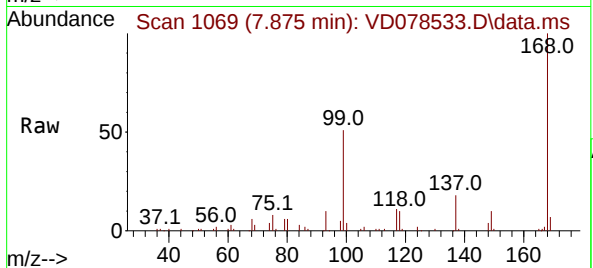
Quant Time: Feb 24 00:21:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
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Response via : Initial Calibration



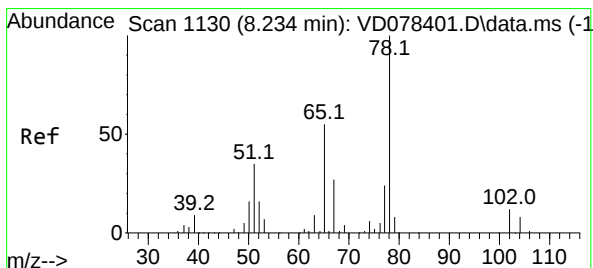
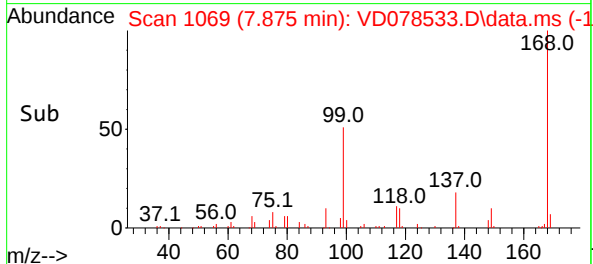
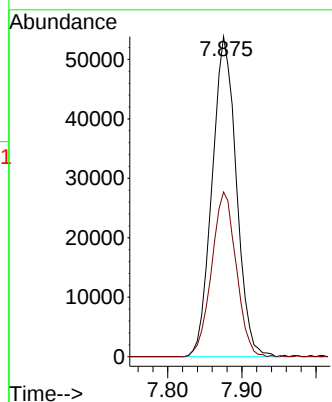


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-022224

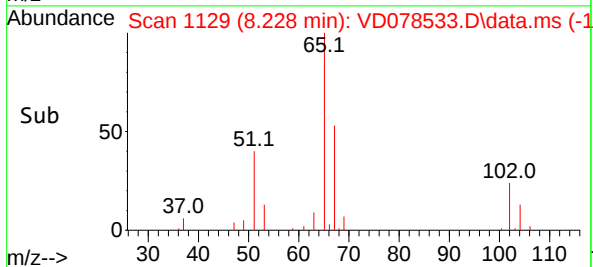
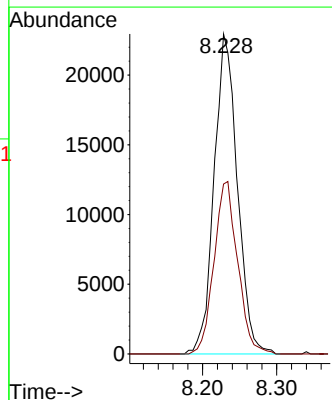
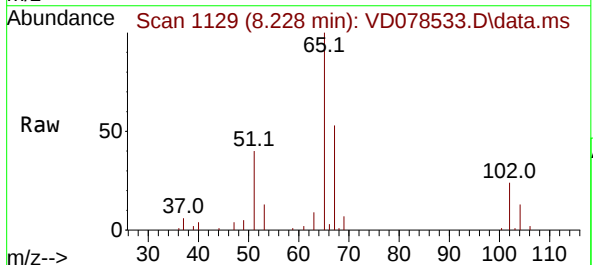


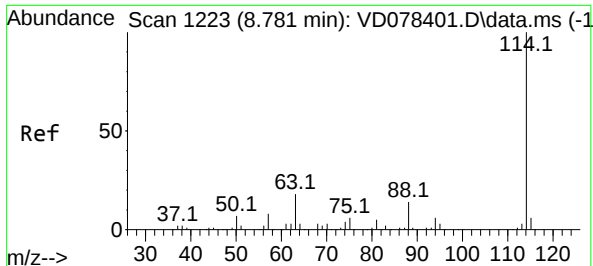
Tgt Ion:168 Resp: 122330
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 37.812 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 65 Resp: 50013
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078533.D

Acq: 23 Feb 2024 13:54

Instrument :

MSVOA_D

ClientSampleId :

NB-07-022224

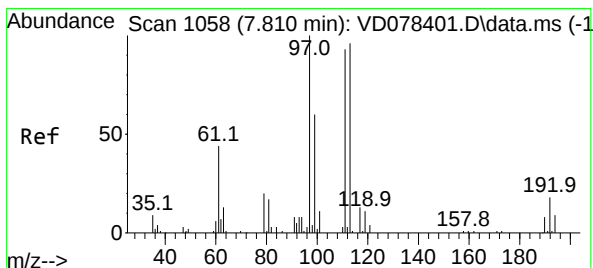
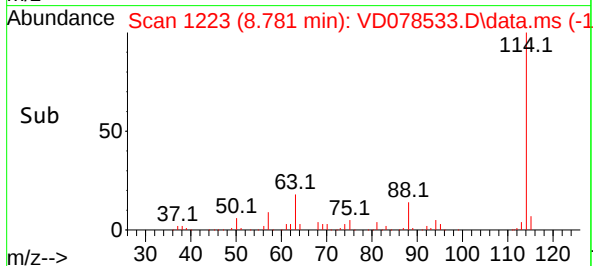
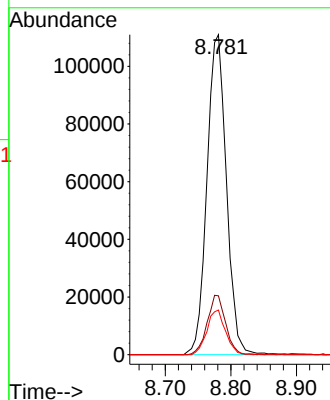
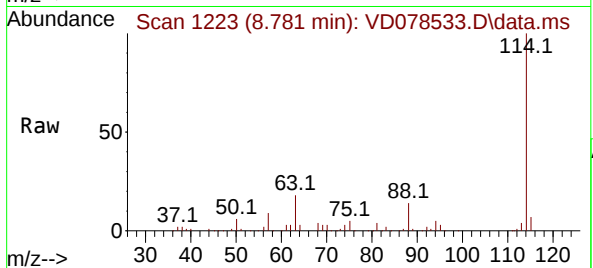
Tgt Ion:114 Resp: 228709

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.636 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078533.D

Acq: 23 Feb 2024 13:54

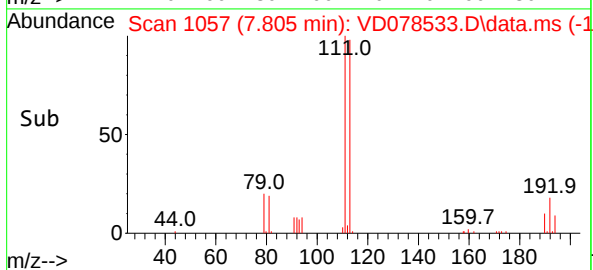
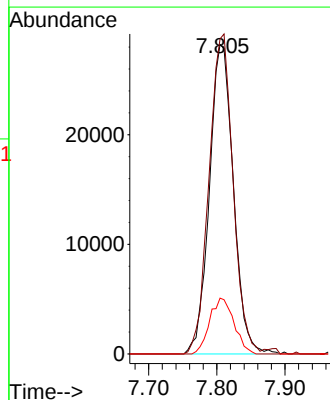
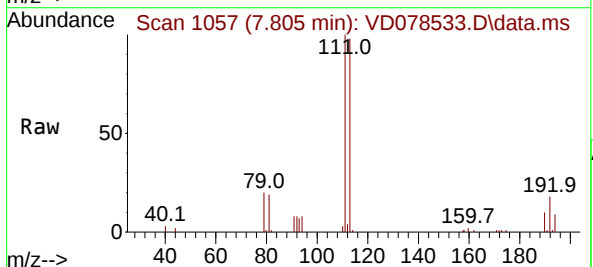
Tgt Ion:113 Resp: 69206

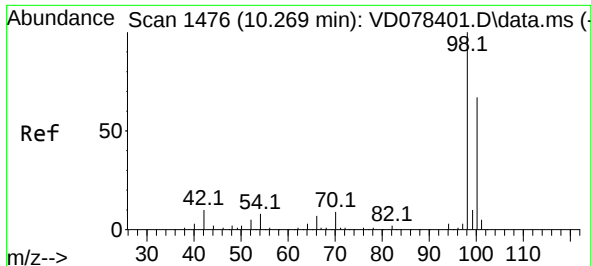
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 18.3 16.8 25.2

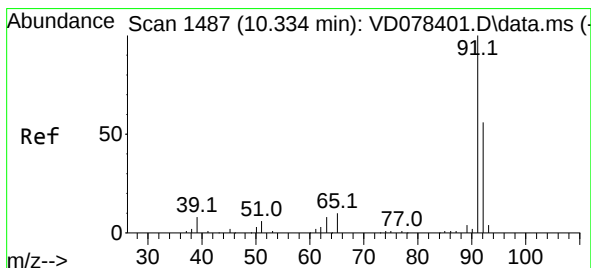
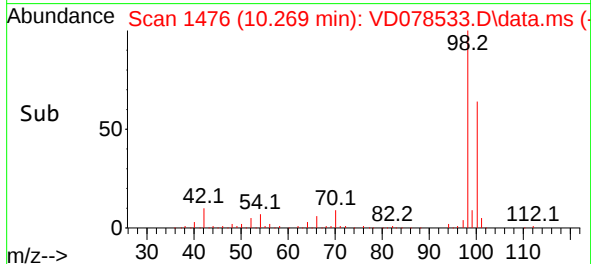
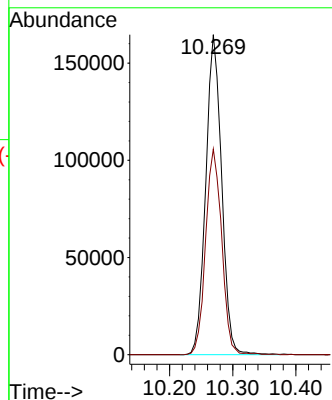
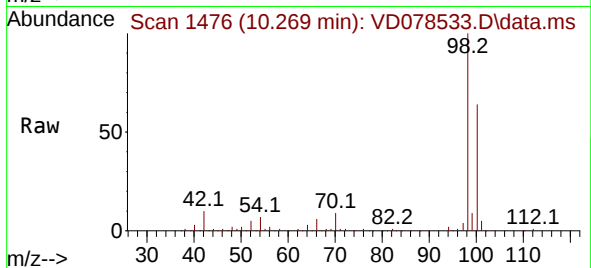




#50
Toluene-d8
Concen: 49.522 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

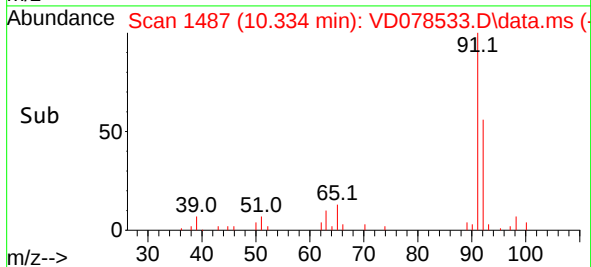
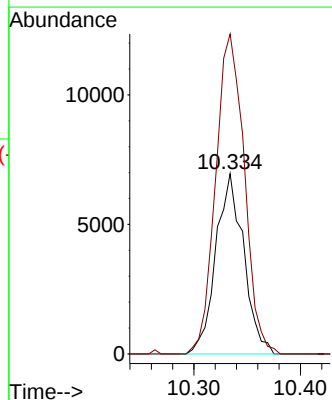
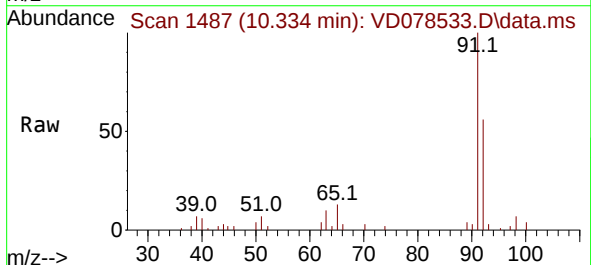
Instrument :
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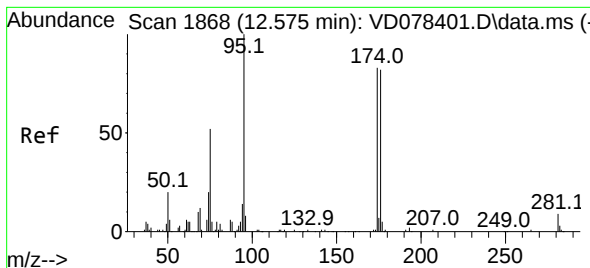
Tgt Ion: 98 Resp: 287798
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#52
Toluene
Concen: 3.061 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 92 Resp: 12626
Ion Ratio Lower Upper
92 100
91 182.6 143.0 214.4

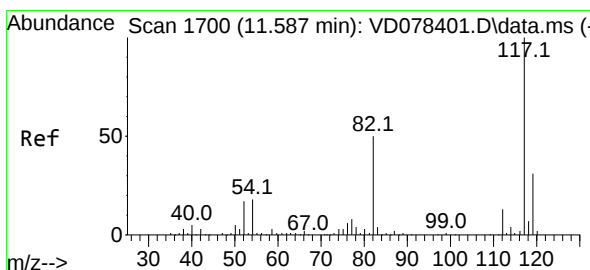
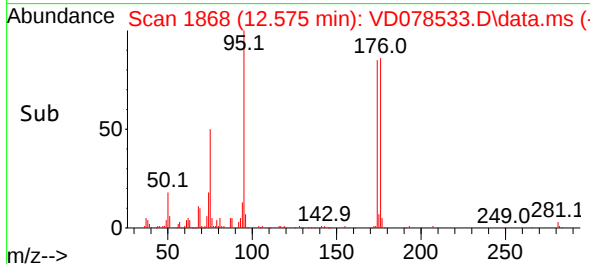
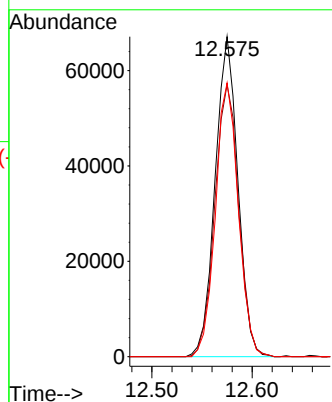
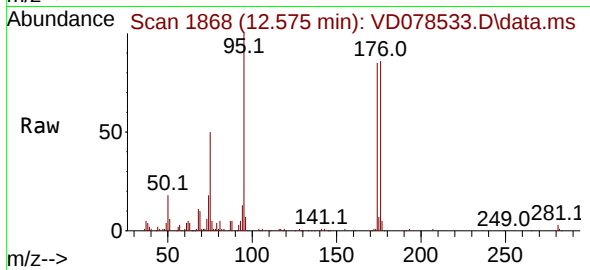




#62
4-Bromofluorobenzene
Concen: 62.418 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

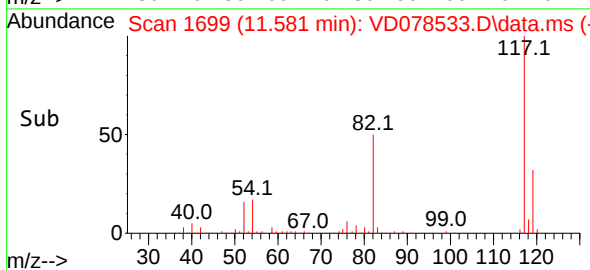
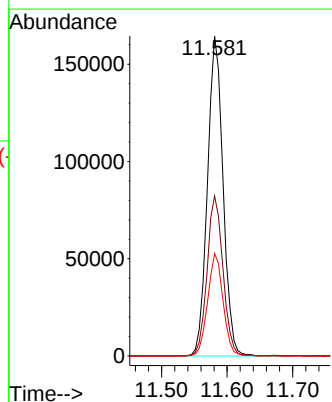
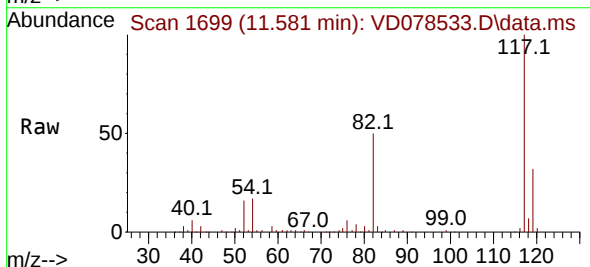
Instrument :
MSVOA_D
ClientSampleId :
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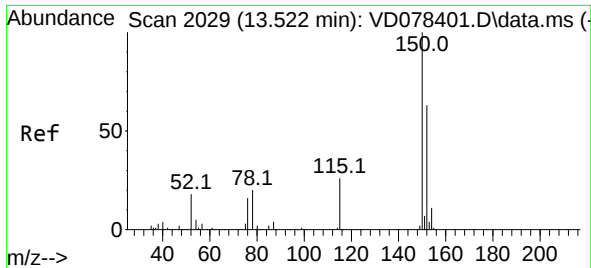
Tgt Ion: 95 Resp: 105562
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 86.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 117 Resp: 272282
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 32.0 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD078533.D

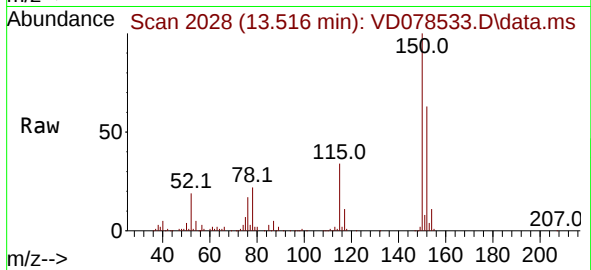
Acq: 23 Feb 2024 13:54

Instrument :

MSVOA_D

ClientSampleId :

NB-07-022224



Tgt Ion:152 Resp: 114607

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 156.7 0.0 353.6

