

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078881.D
 Acq On : 07 May 2024 16:29
 Operator : RP/MD
 Sample : P2395-05
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-INSIDE-GATE

Quant Time: May 08 04:23:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

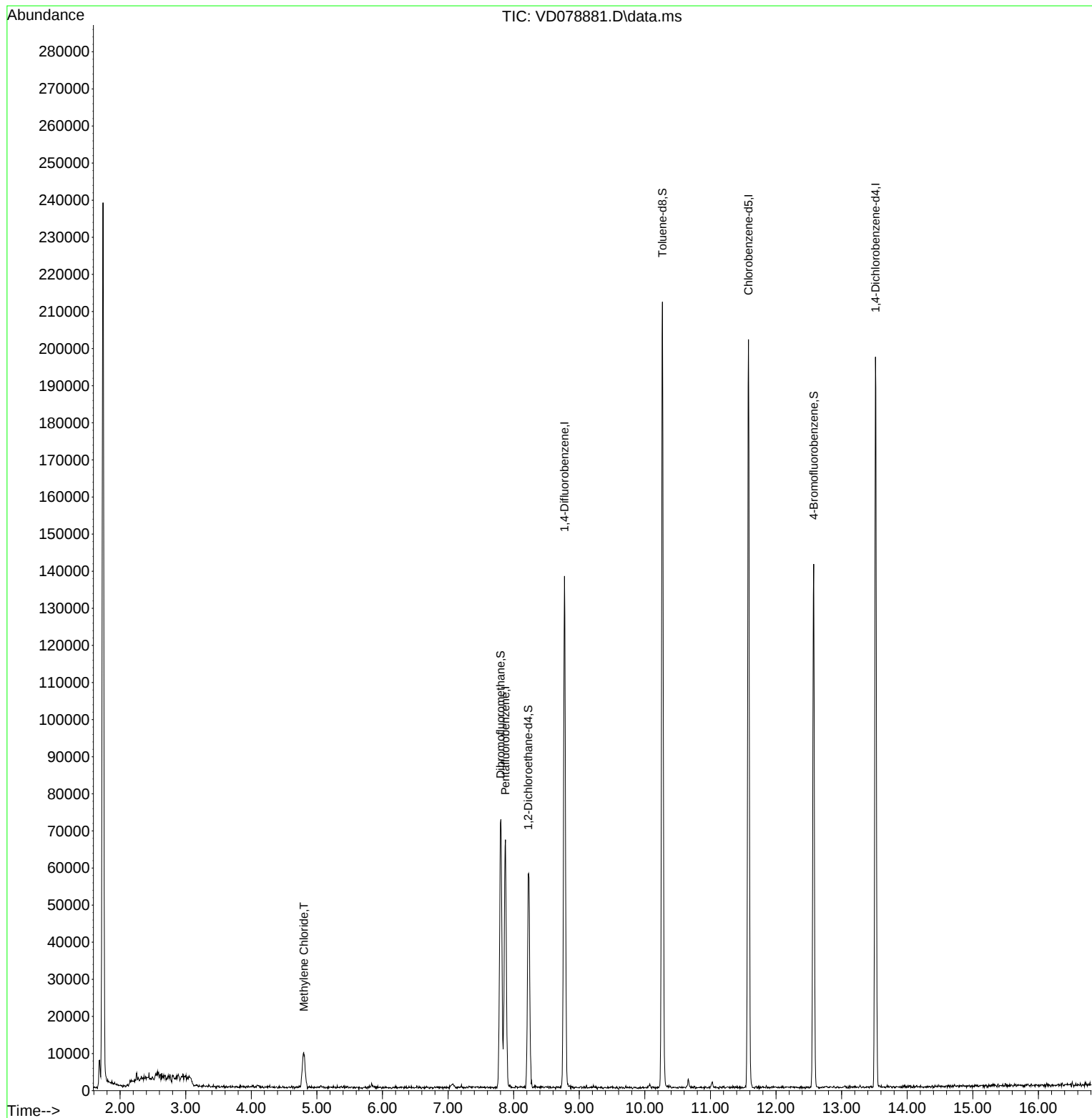
Internal Standards						
1) Pentafluorobenzene	7.875	168	54248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	131373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	56877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	46712	77.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.160%
35) Dibromofluoromethane	7.799	113	54846	56.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.720%
50) Toluene-d8	10.269	98	153075	41.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.700%
62) 4-Bromofluorobenzene	12.575	95	43582	41.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.280%
Target Compounds						
20) Methylene Chloride	4.805	84	8509	9.490	ug/l	Qvalue 96

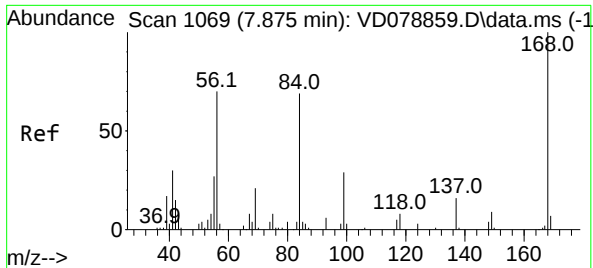
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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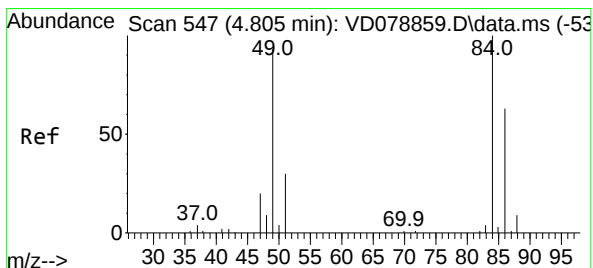
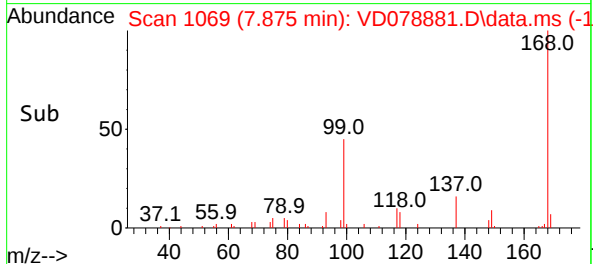
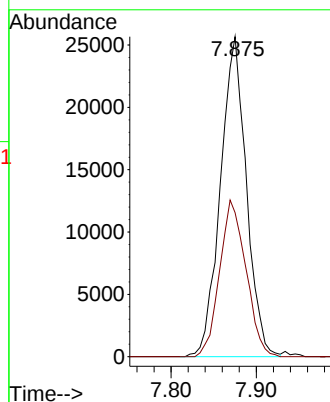
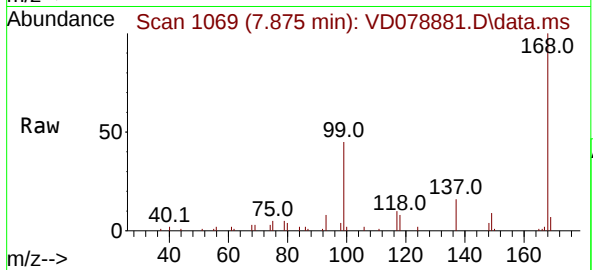




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

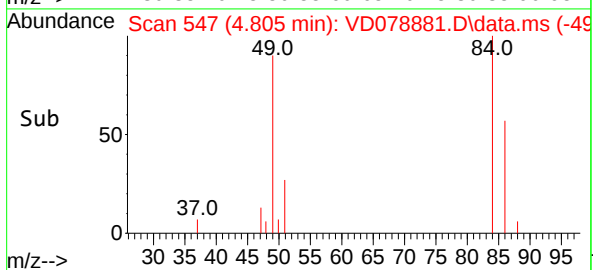
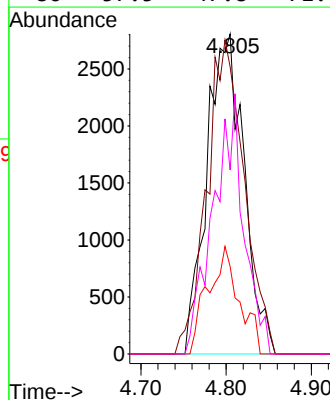
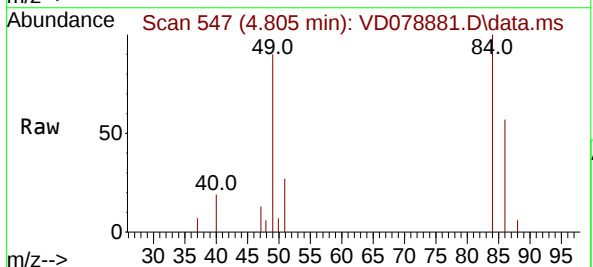
Instrument :
MSVOA_D
ClientSampleId :
SP-INSIDE-GATE

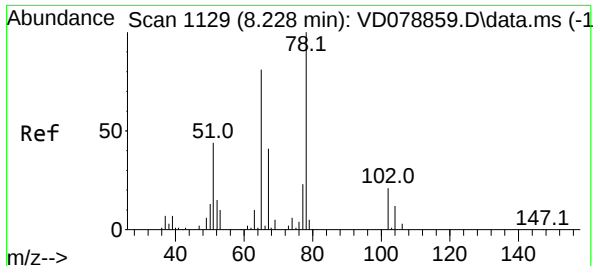
Tgt Ion:168 Resp: 54248
Ion Ratio Lower Upper
168 100
99 45.0 38.8 58.2



#20
Methylene Chloride
Concen: 9.490 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

Tgt Ion: 84 Resp: 8509
Ion Ratio Lower Upper
84 100
49 89.8 75.6 113.4
51 27.4 23.4 35.0
86 57.5 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 77.578 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078881.D

Acq: 07 May 2024 16:29

Instrument :

MSVOA_D

ClientSampleId :

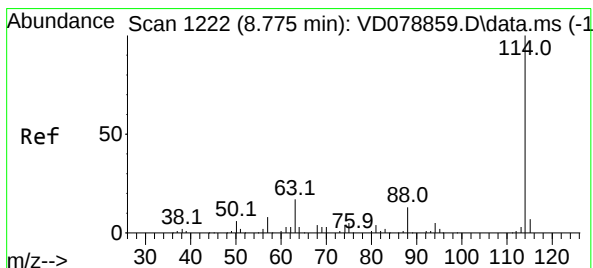
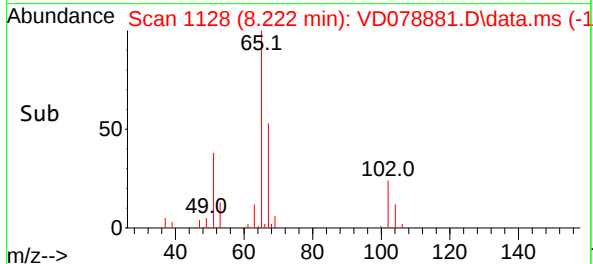
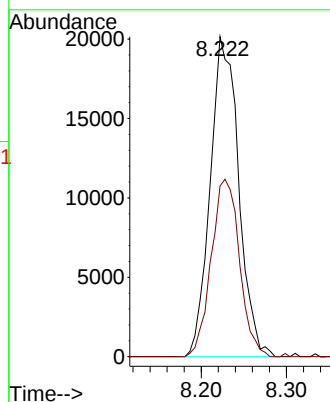
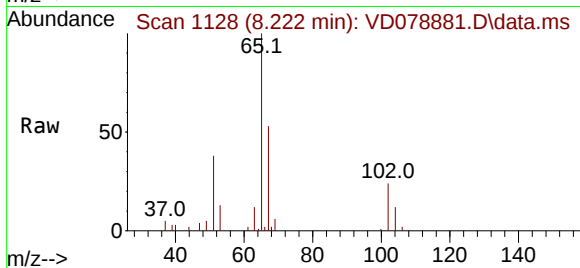
SP-INSIDE-GATE

Tgt Ion: 65 Resp: 46712

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078881.D

Acq: 07 May 2024 16:29

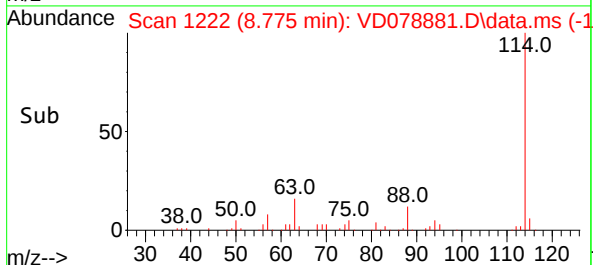
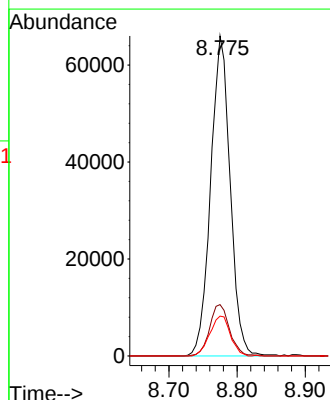
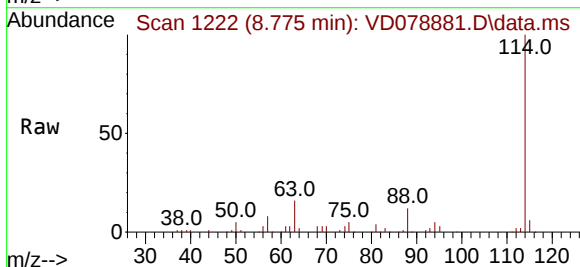
Tgt Ion: 114 Resp: 131373

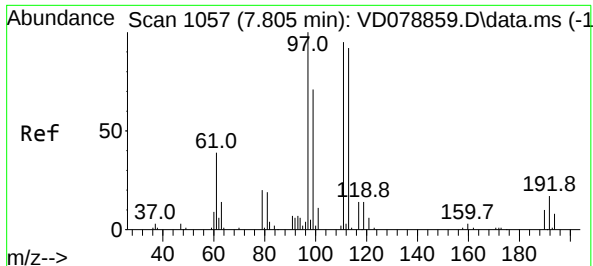
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 12.5 0.0 24.6





#35

Dibromofluoromethane

Concen: 56.860 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078881.D

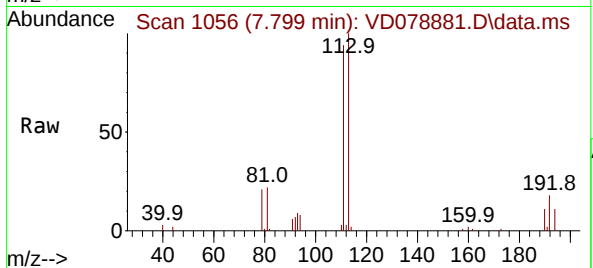
Acq: 07 May 2024 16:29

Instrument :

MSVOA_D

ClientSampleId :

SP-INSIDE-GATE



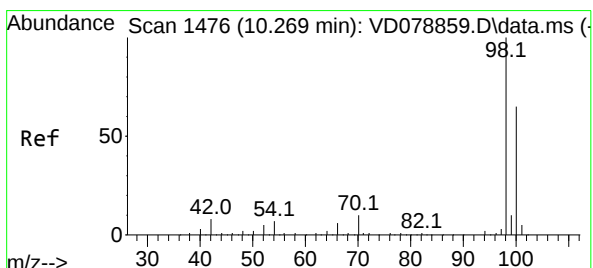
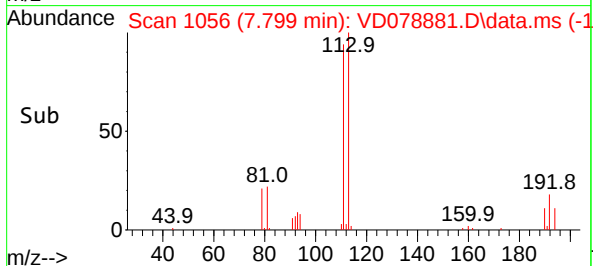
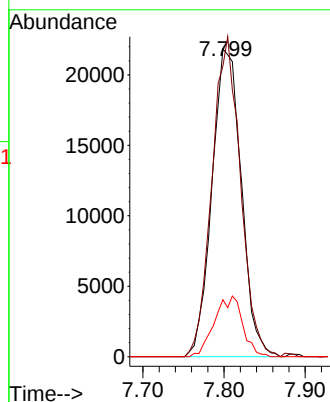
Tgt Ion:113 Resp: 54846

Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

192 18.9 15.4 23.0



#50

Toluene-d8

Concen: 41.352 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078881.D

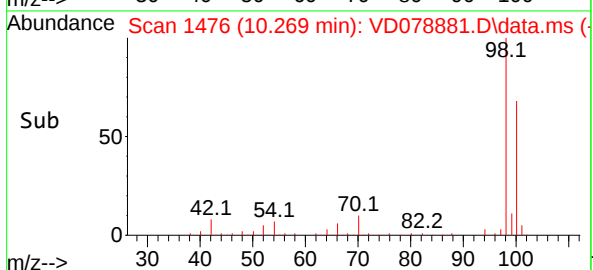
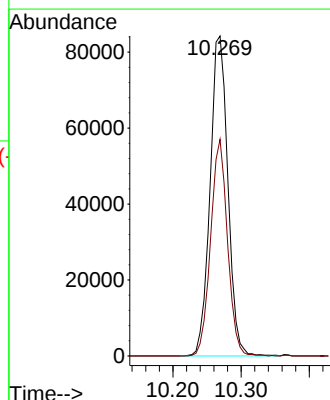
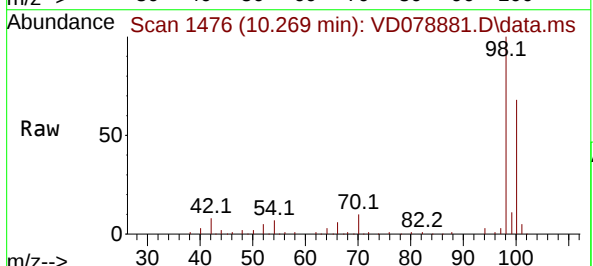
Acq: 07 May 2024 16:29

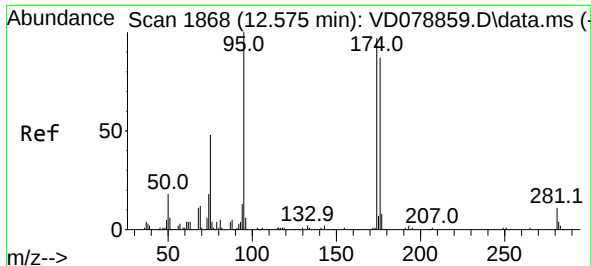
Tgt Ion: 98 Resp: 153075

Ion Ratio Lower Upper

98 100

100 64.2 50.5 75.7

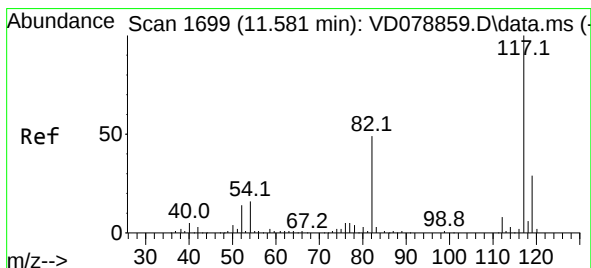
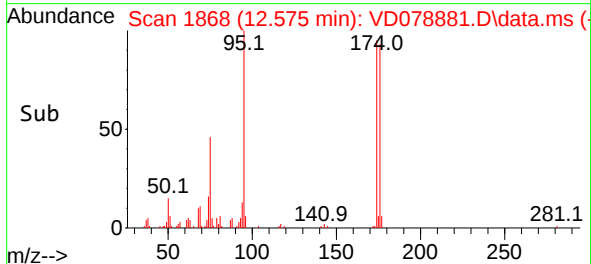
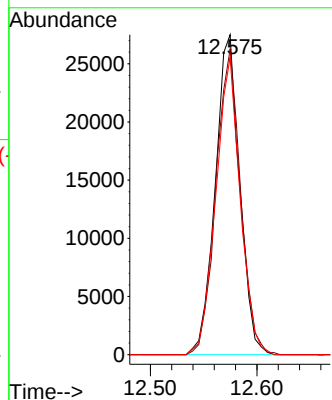
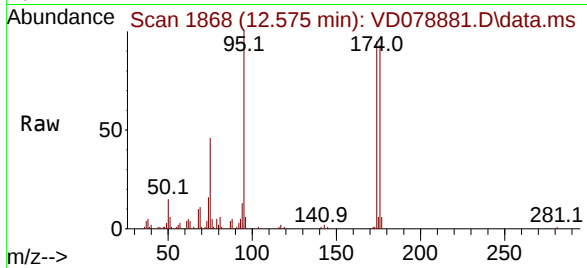




#62
4-Bromofluorobenzene
Concen: 41.137 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

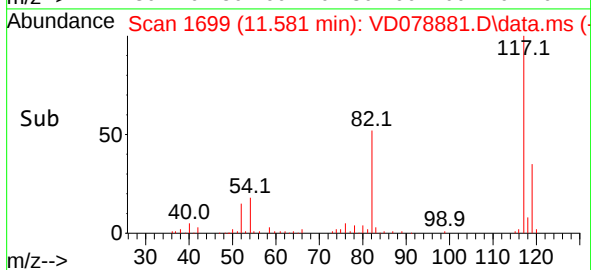
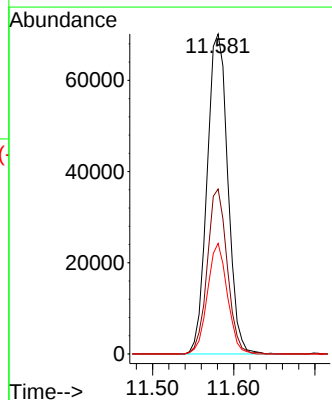
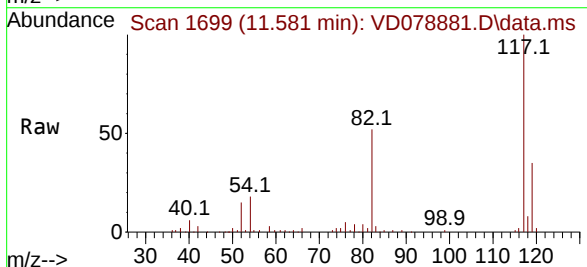
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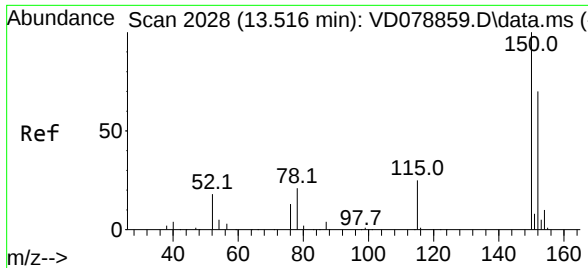
Tgt Ion: 95 Resp: 43582
Ion Ratio Lower Upper
95 100
174 96.6 0.0 195.2
176 93.1 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078881.D
Acq: 07 May 2024 16:29

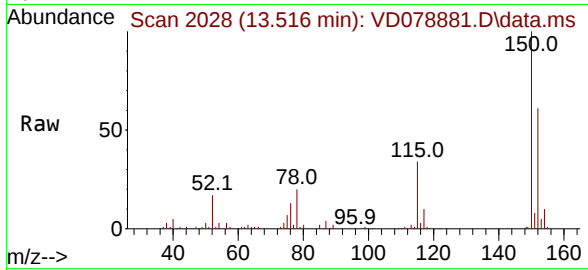
Tgt Ion: 117 Resp: 124592
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 34.5 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078881.D
 Acq: 07 May 2024 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-INSIDE-GATE



Tgt Ion:152 Resp: 56877
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.1 81.2
 150 159.3 0.0 350.2

