

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078441.D
 Acq On : 15 Feb 2024 17:41
 Operator : RP/MD
 Sample : P1472-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-021424

Quant Time: Feb 16 02:38:30 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)

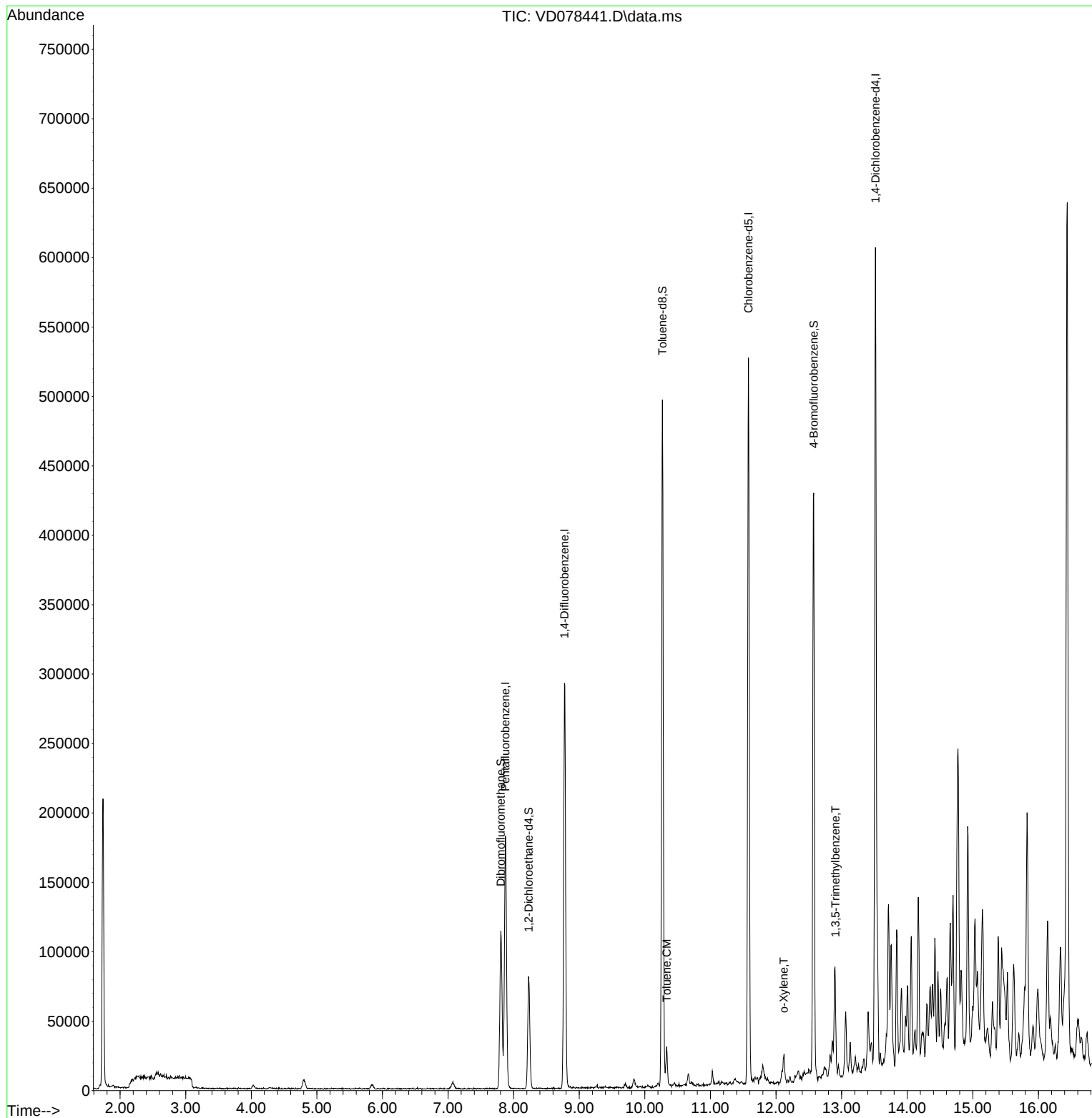
Internal Standards						
1) Pentafluorobenzene	7.875	168	142631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62439	40.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.980%
35) Dibromofluoromethane	7.804	113	84289	48.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.269	98	350358	50.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.575	95	132636	65.652	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	131.300%
Target Compounds						
					Qvalue	
52) Toluene	10.334	92	12248	2.485	ug/l	90
69) o-Xylene	12.116	106	5144	1.281	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	21072	2.338	ug/l	96

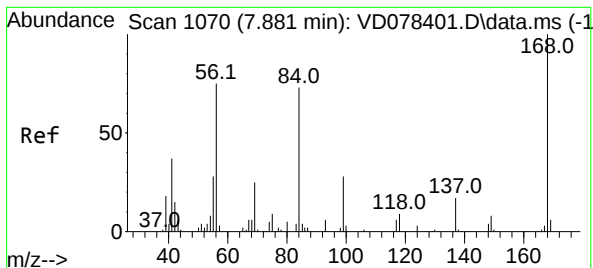
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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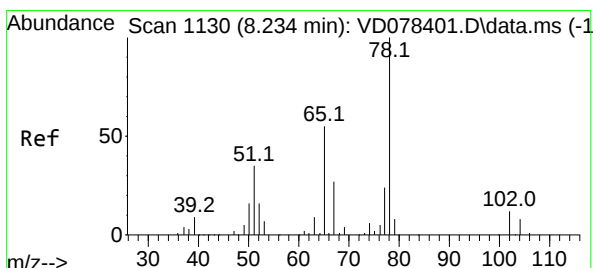
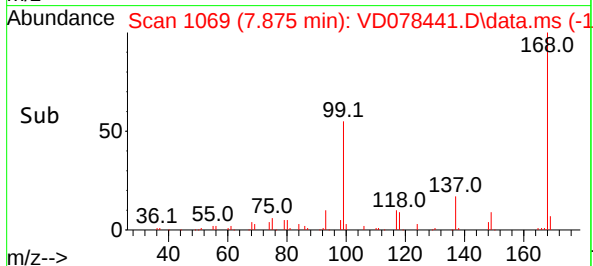
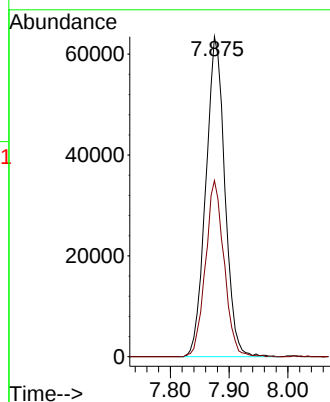
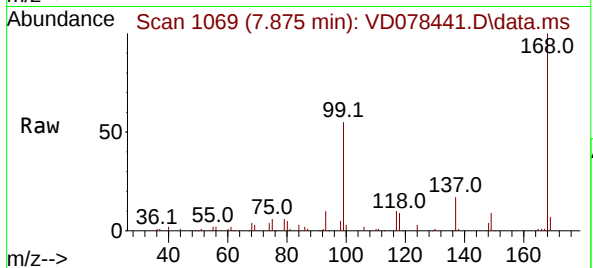




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078441.D
Acq: 15 Feb 2024 17:41

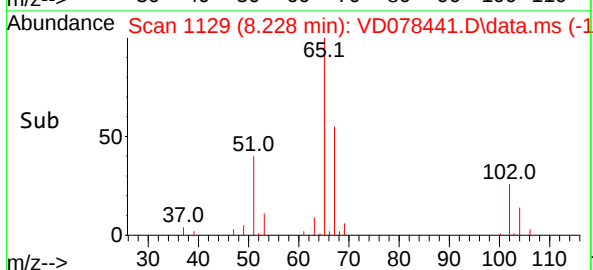
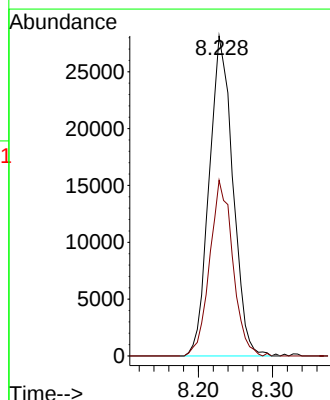
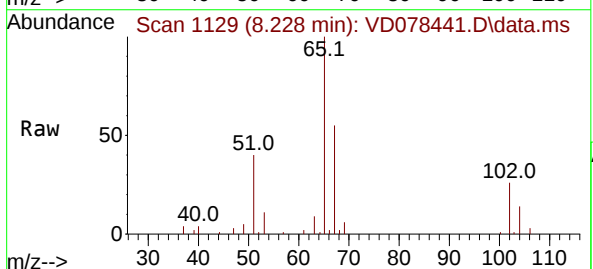
Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

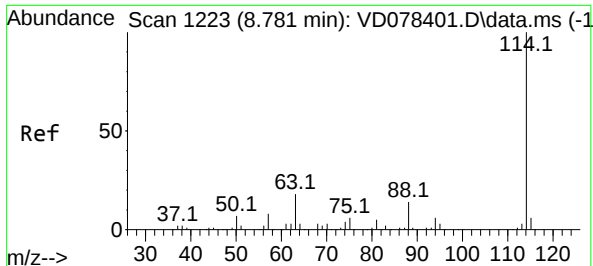
Tgt Ion:168 Resp: 142631
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.487 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078441.D
Acq: 15 Feb 2024 17:41

Tgt Ion: 65 Resp: 62439
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078441.D

Acq: 15 Feb 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :

TR-04-021424

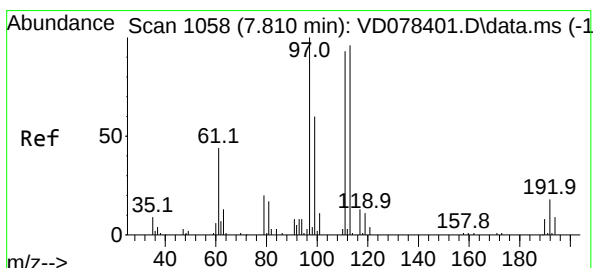
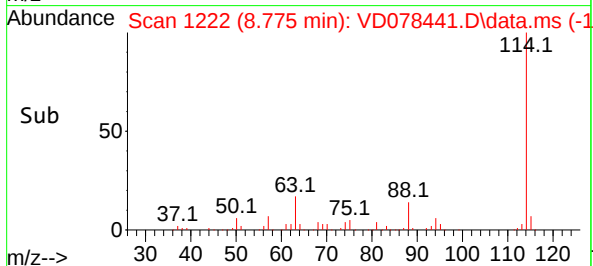
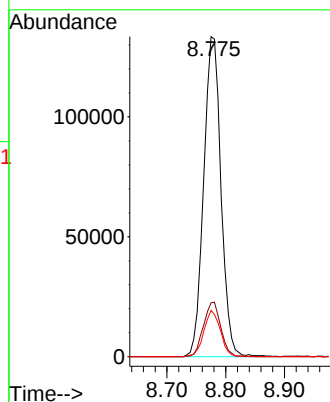
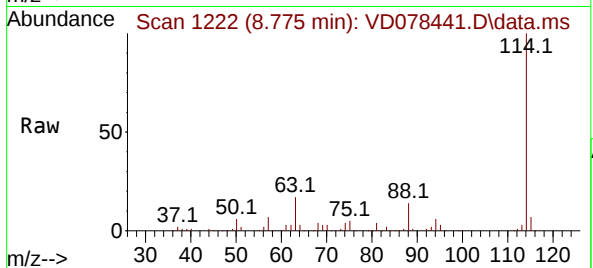
Tgt Ion:114 Resp: 273211

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.568 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078441.D

Acq: 15 Feb 2024 17:41

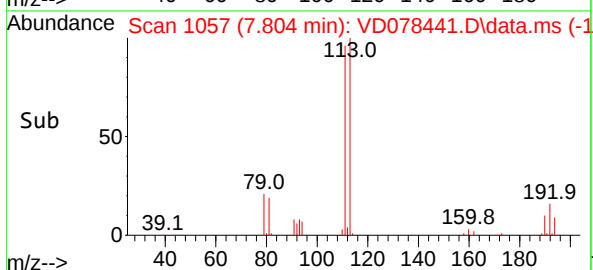
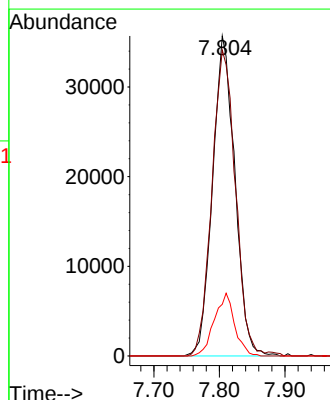
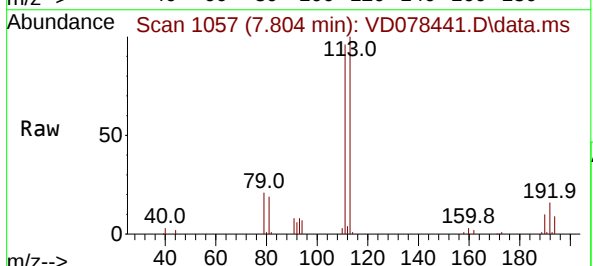
Tgt Ion:113 Resp: 84289

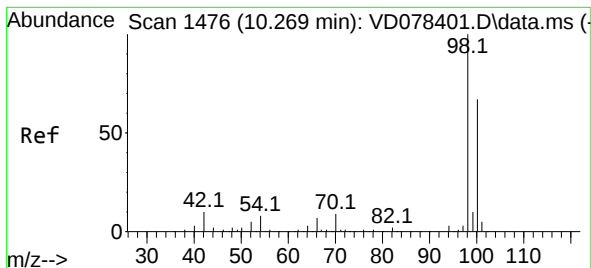
Ion Ratio Lower Upper

113 100

111 100.9 84.7 127.1

192 17.8 16.8 25.2





#50

Toluene-d8

Concen: 50.467 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078441.D

Acq: 15 Feb 2024 17:41

Instrument :

MSVOA_D

ClientSampleId :

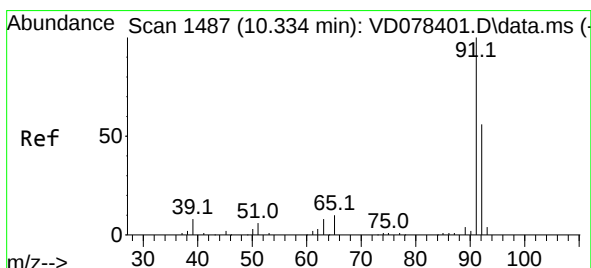
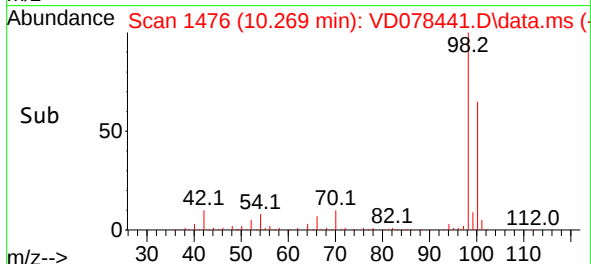
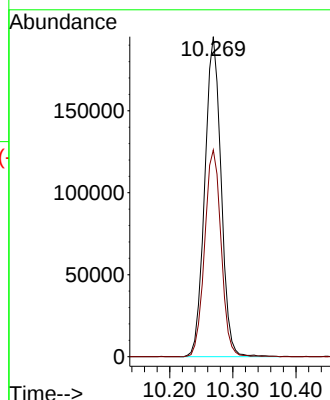
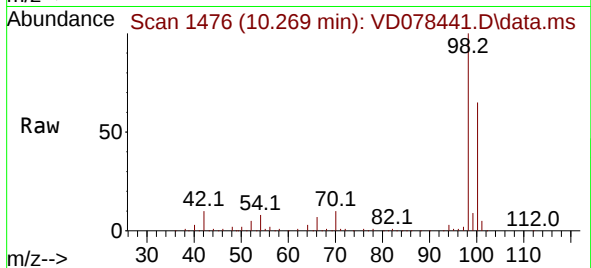
TR-04-021424

Tgt Ion: 98 Resp: 350358

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5



#52

Toluene

Concen: 2.485 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078441.D

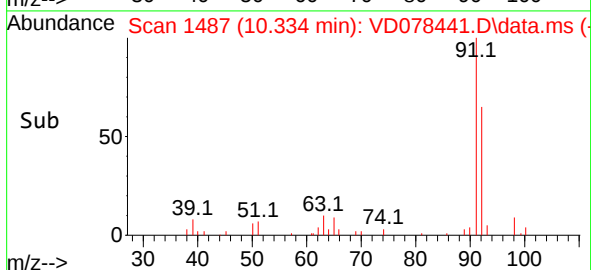
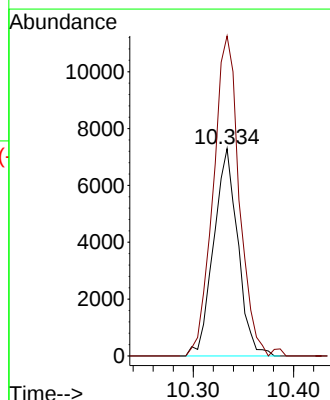
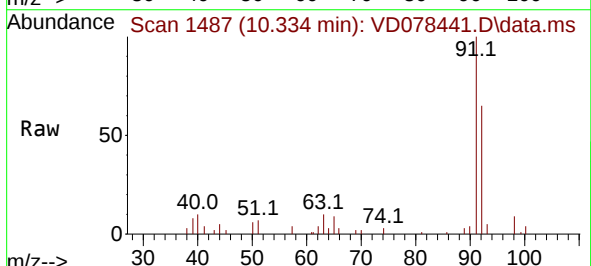
Acq: 15 Feb 2024 17:41

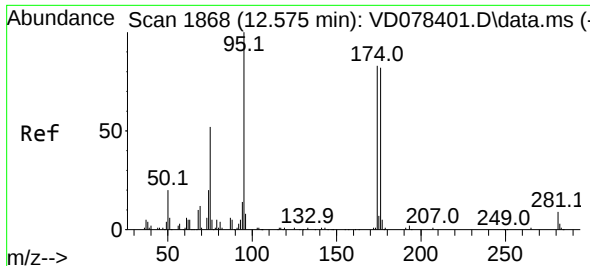
Tgt Ion: 92 Resp: 12248

Ion Ratio Lower Upper

92 100

91 165.1 143.0 214.4

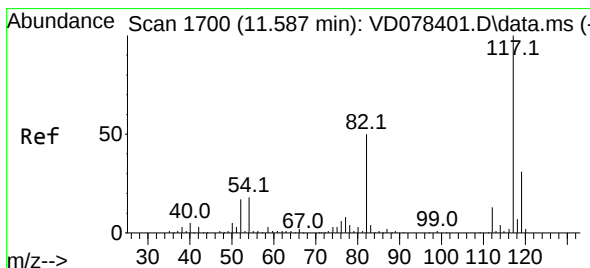
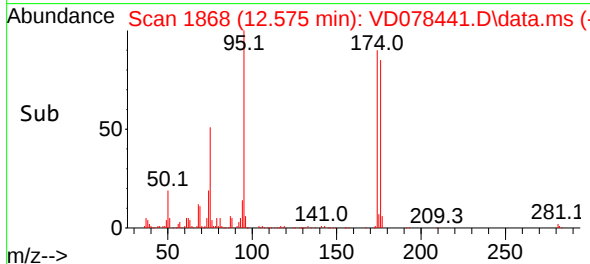
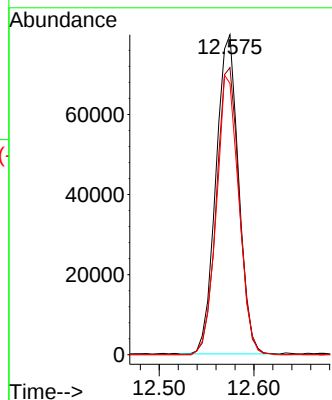
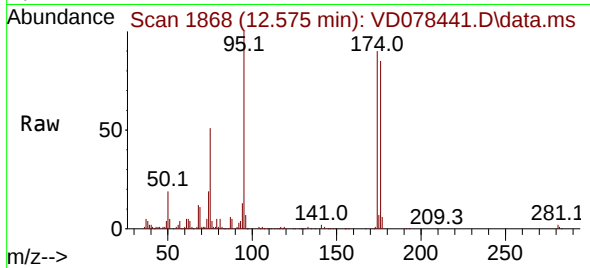




#62
4-Bromofluorobenzene
Concen: 65.652 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078441.D
Acq: 15 Feb 2024 17:41

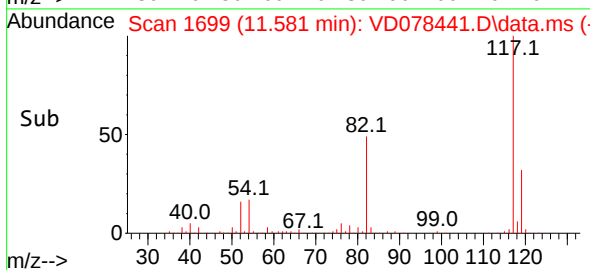
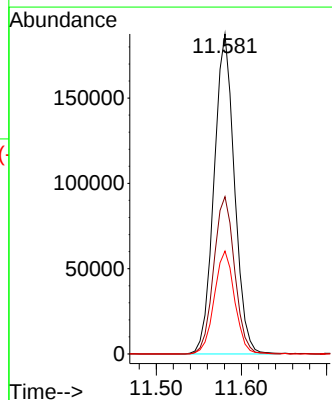
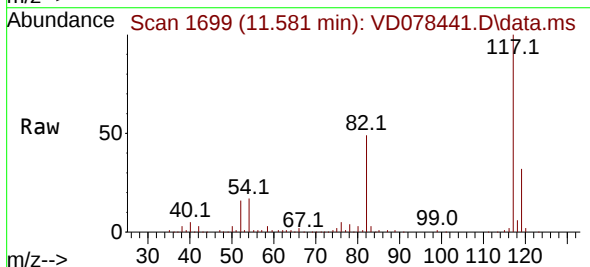
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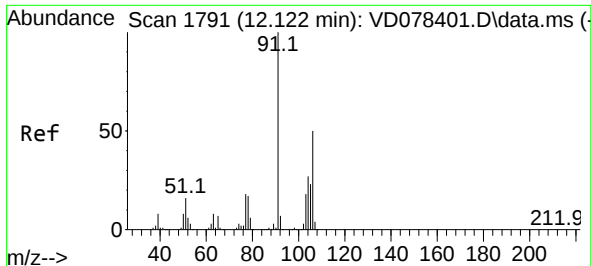
Tgt Ion: 95 Resp: 132636
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 86.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078441.D
Acq: 15 Feb 2024 17:41

Tgt Ion: 117 Resp: 313236
Ion Ratio Lower Upper
117 100
82 49.1 38.3 57.5
119 32.1 25.0 37.4

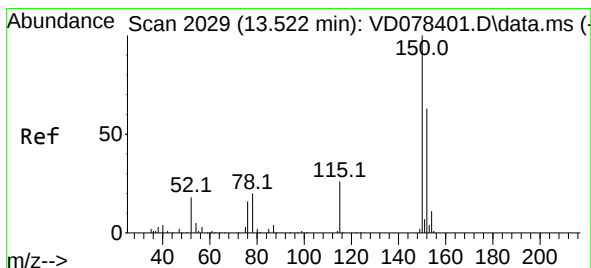
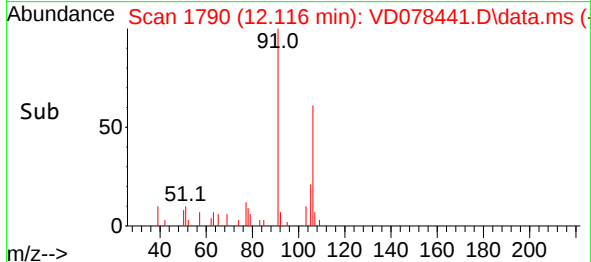
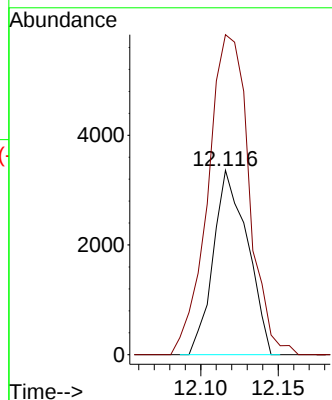
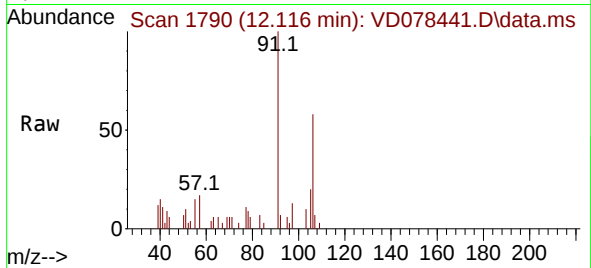




#69
o-Xylene
Concen: 1.281 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078441.D
Acq: 15 Feb 2024 17:41

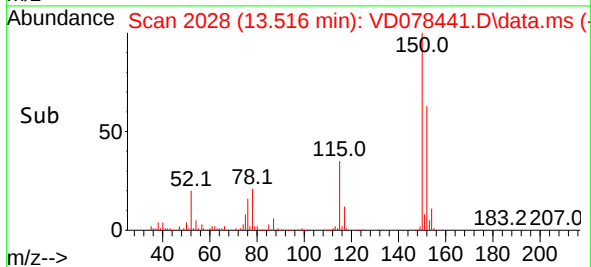
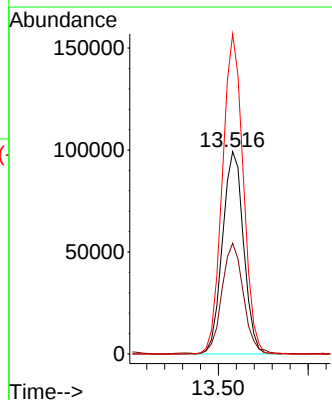
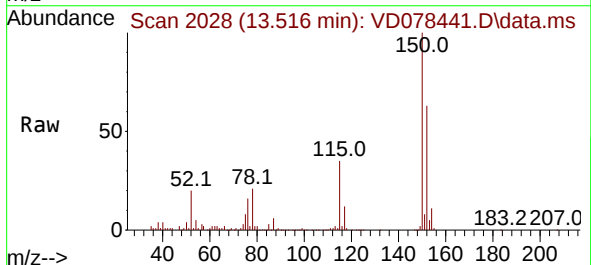
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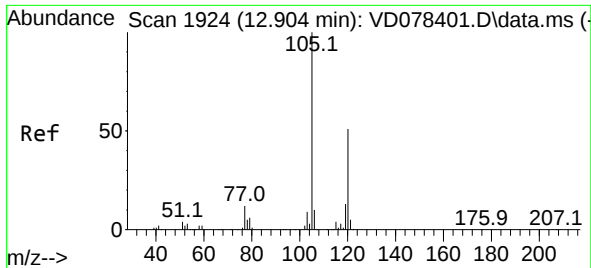
Tgt Ion:106 Resp: 5144
Ion Ratio Lower Upper
106 100
91 209.4 97.9 293.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078441.D
Acq: 15 Feb 2024 17:41

Tgt Ion:152 Resp: 161677
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 156.0 0.0 353.6





#80
 1,3,5-Trimethylbenzene
 Concen: 2.338 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD078441.D
 Acq: 15 Feb 2024 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-021424

Tgt Ion:105 Resp: 21072
 Ion Ratio Lower Upper
 105 100
 120 49.9 26.4 79.2

