

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078703.D
 Acq On : 18 Mar 2024 18:06
 Operator : RP/MD
 Sample : P1786-01
 Misc : 4.77G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15

Quant Time: Mar 19 01:29:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

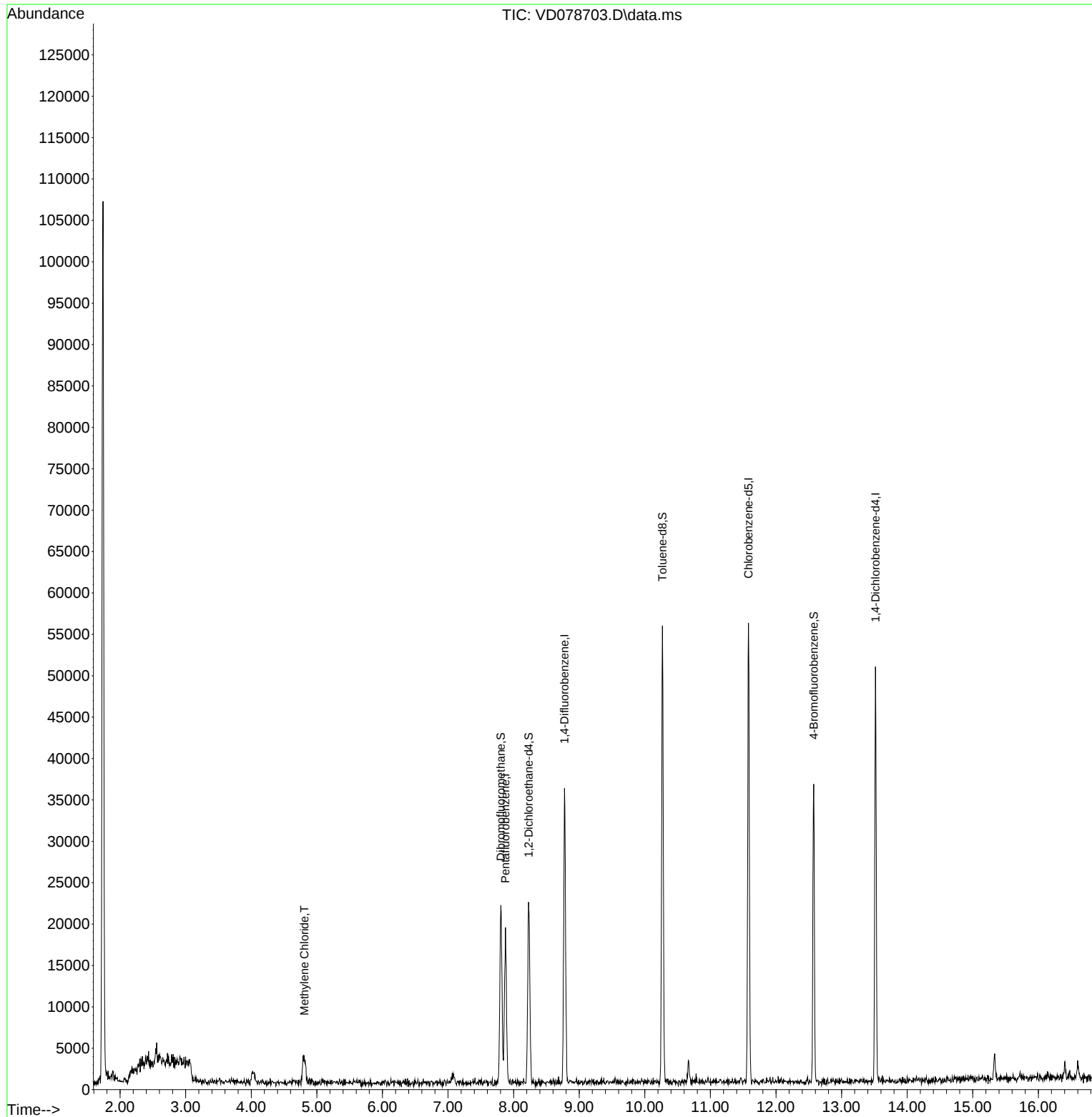
Internal Standards						
1) Pentafluorobenzene	7.875	168	14699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	32816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17663	128.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 256.440%#	
35) Dibromofluoromethane	7.805	113	15297	72.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.800%	
50) Toluene-d8	10.269	98	38852	50.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.575	95	10861	47.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.560%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	2902	12.307	ug/l #	83

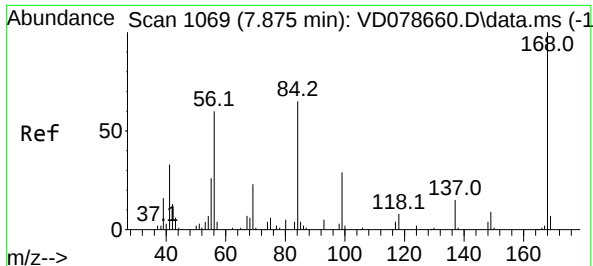
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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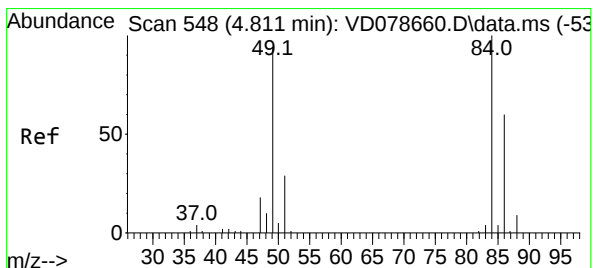
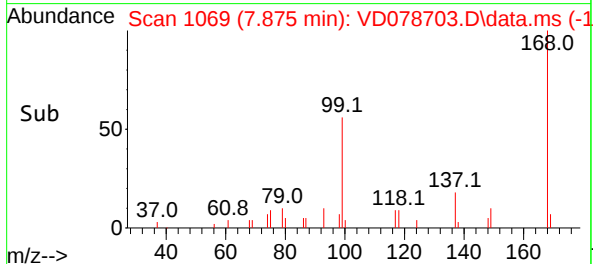
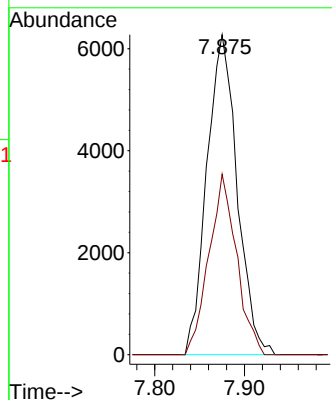
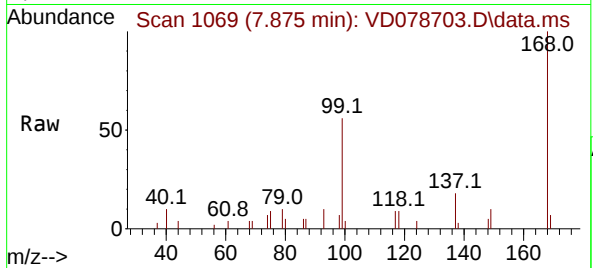




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

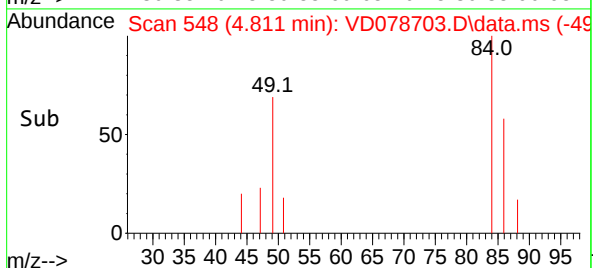
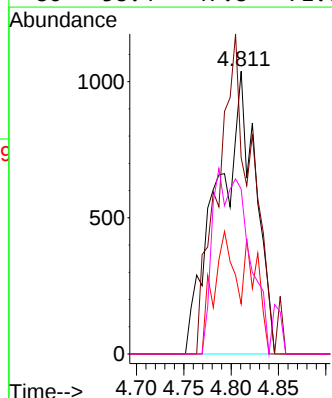
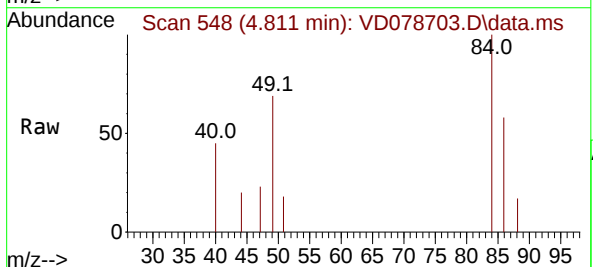
Instrument :
MSVOA_D
ClientSampleId :
TP-15

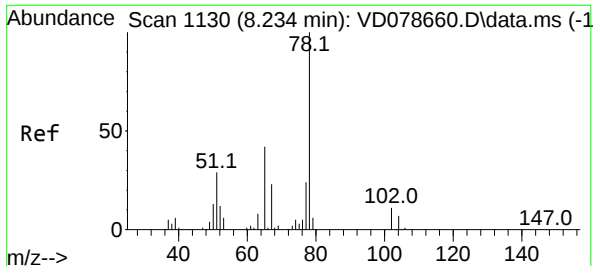
Tgt Ion:168 Resp: 14699
Ion Ratio Lower Upper
168 100
99 56.4 38.8 58.2



#20
Methylene Chloride
Concen: 12.307 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

Tgt Ion: 84 Resp: 2902
Ion Ratio Lower Upper
84 100
49 69.5 75.6 113.4#
51 17.7 23.4 35.0#
86 58.4 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 128.222 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078703.D

Acq: 18 Mar 2024 18:06

Instrument :

MSVOA_D

ClientSampleId :

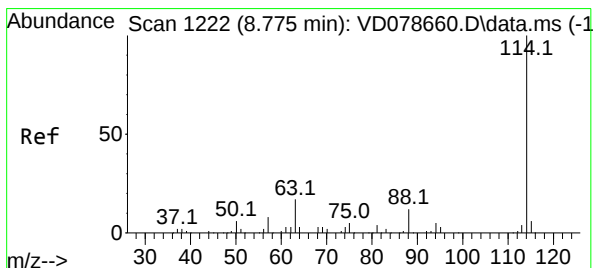
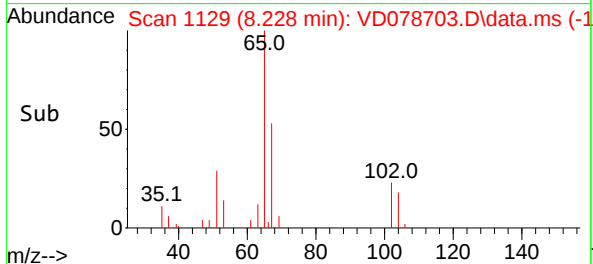
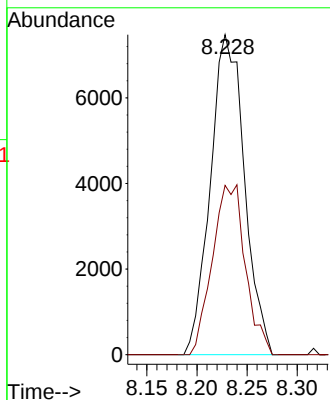
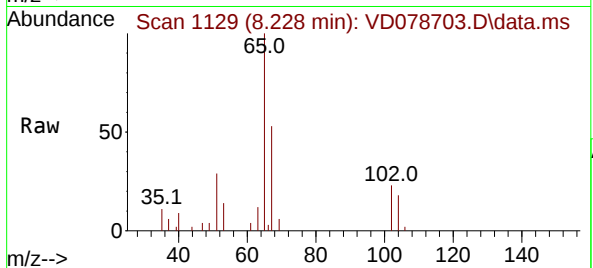
TP-15

Tgt Ion: 65 Resp: 17663

Ion Ratio Lower Upper

65 100

67 51.6 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: VD078703.D

Acq: 18 Mar 2024 18:06

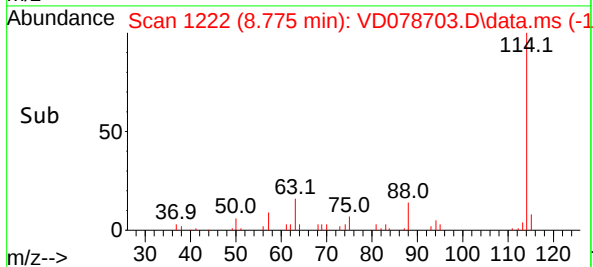
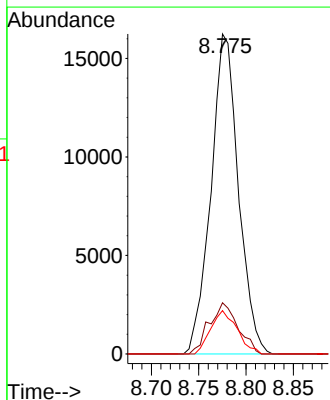
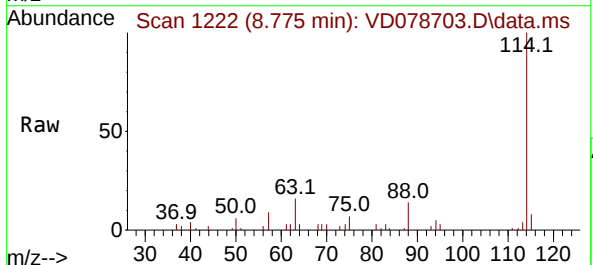
Tgt Ion: 114 Resp: 32816

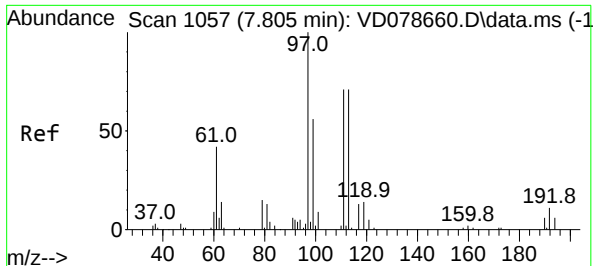
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.5 0.0 24.6





#35

Dibromofluoromethane

Concen: 72.400 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078703.D

Acq: 18 Mar 2024 18:06

Instrument :

MSVOA_D

ClientSampleId :

TP-15

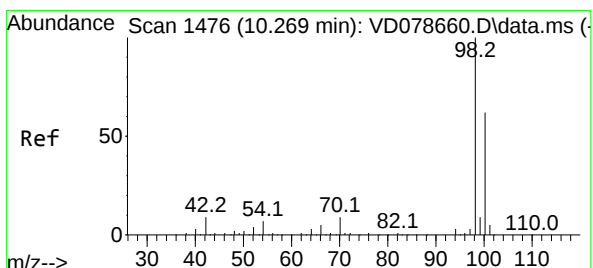
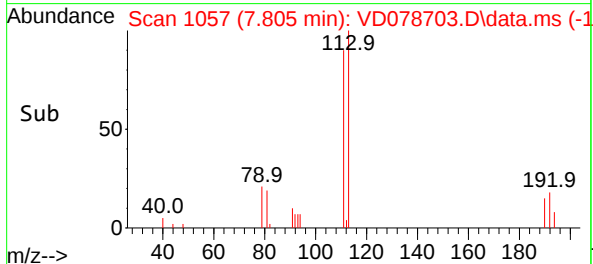
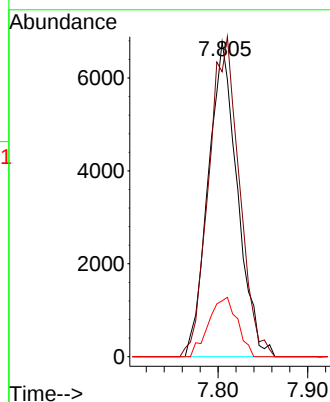
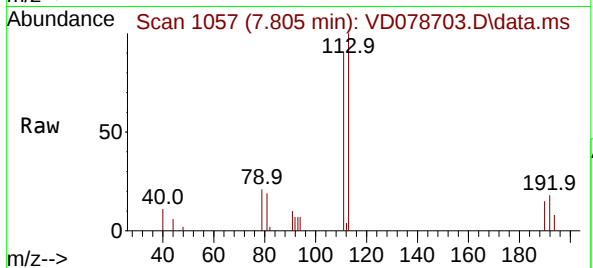
Tgt Ion:113 Resp: 15297

Ion Ratio Lower Upper

113 100

111 106.1 81.9 122.9

192 18.5 15.4 23.0



#50

Toluene-d8

Concen: 50.000 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078703.D

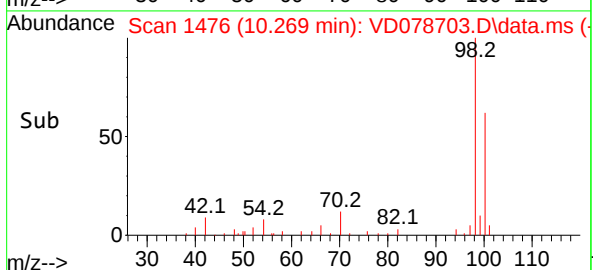
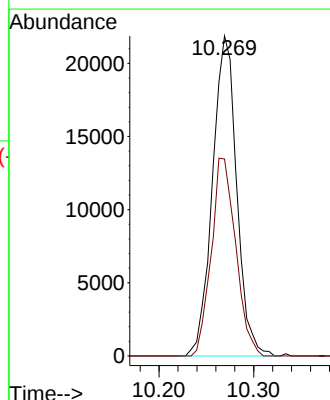
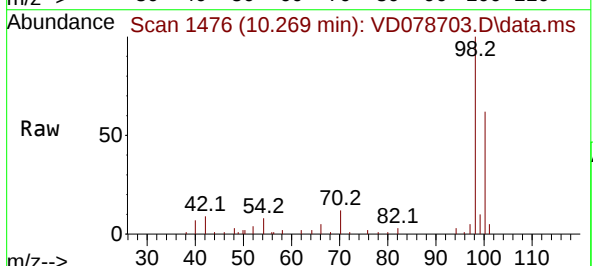
Acq: 18 Mar 2024 18:06

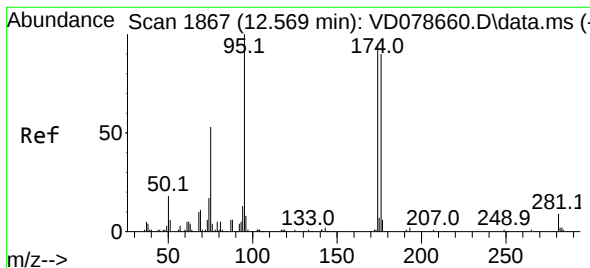
Tgt Ion: 98 Resp: 38852

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7

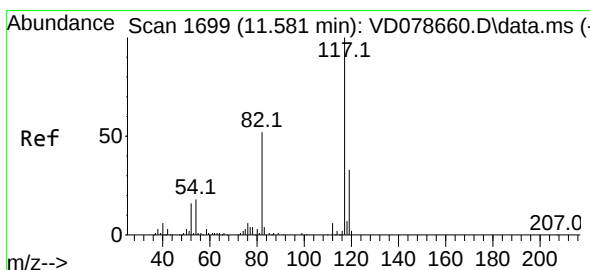
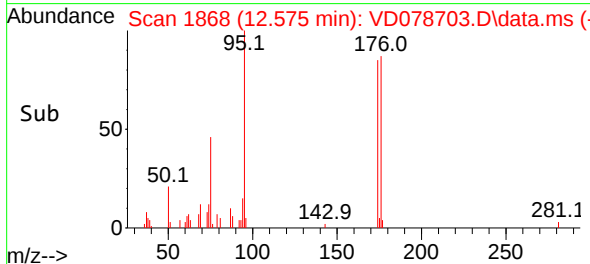
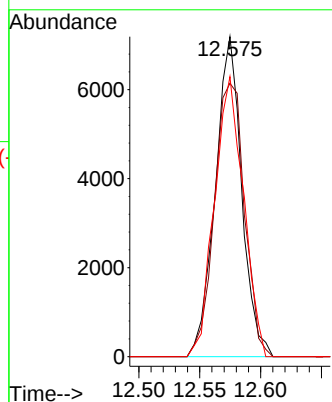
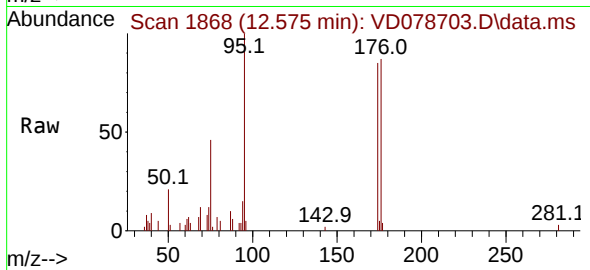




#62
4-Bromofluorobenzene
Concen: 47.777 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

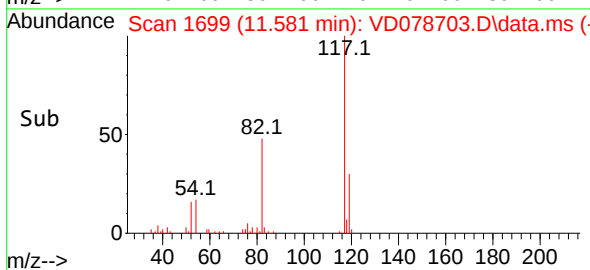
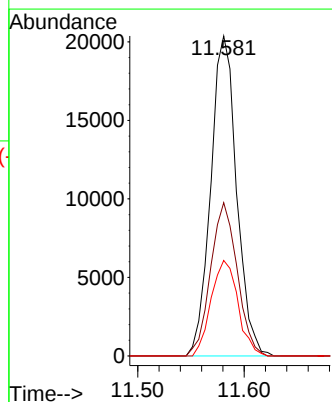
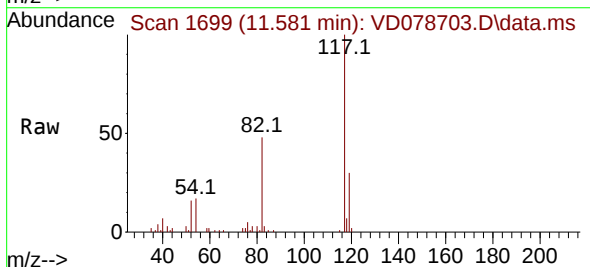
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TP-15

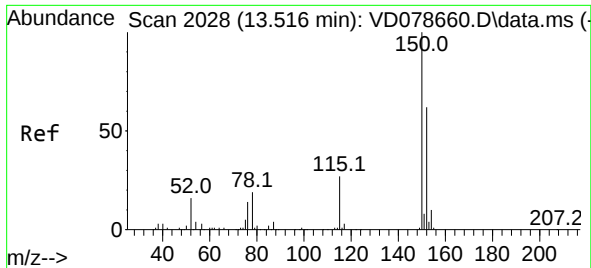
Tgt Ion: 95 Resp: 10861
Ion Ratio Lower Upper
95 100
174 97.7 0.0 195.2
176 95.7 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

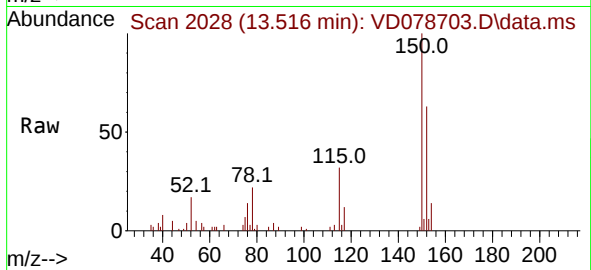
Tgt Ion: 117 Resp: 34428
Ion Ratio Lower Upper
117 100
82 47.9 41.4 62.2
119 29.9 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078703.D
 Acq: 18 Mar 2024 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15



Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.1	81.2
150	159.2	0.0	350.2

