

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074824.D
 Acq On : 09 Nov 2022 13:27
 Operator : VA/SY
 Sample : N5479-02
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TUL-ROS-1104

Quant Time: Nov 09 14:04:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

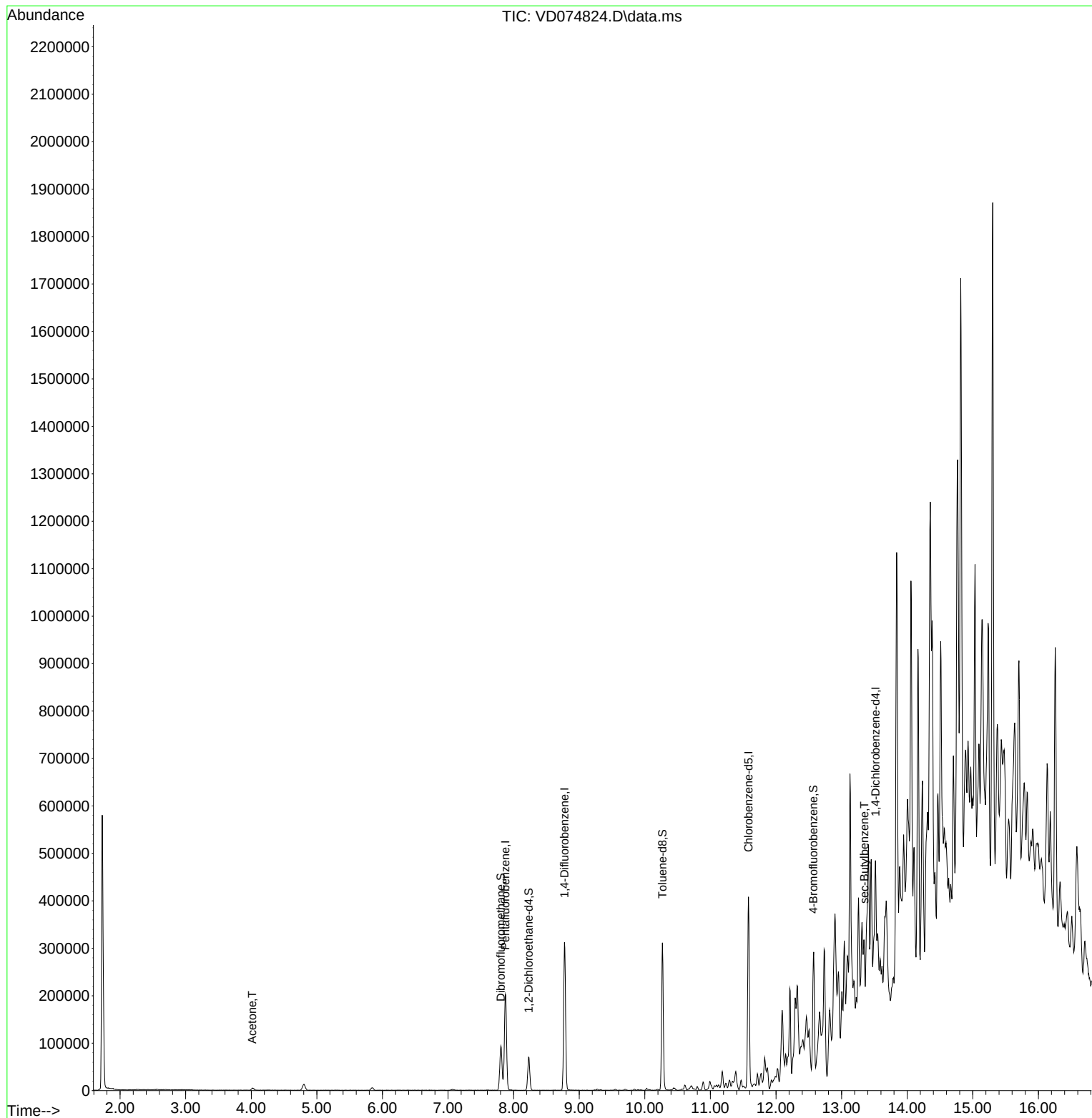
Internal Standards						
1) Pentafluorobenzene	7.875	168	169125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53259	39.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.520%		
35) Dibromofluoromethane	7.805	113	70990	39.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.340%		
50) Toluene-d8	10.269	98	217403	33.305	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	66.620%		
62) 4-Bromofluorobenzene	12.569	95	71161	37.757	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.520%		
Target Compounds					Qvalue	
16) Acetone	4.017	43	8121	29.052	ug/l	93
85) sec-Butylbenzene	13.346	105	39452	5.560	ug/l	79

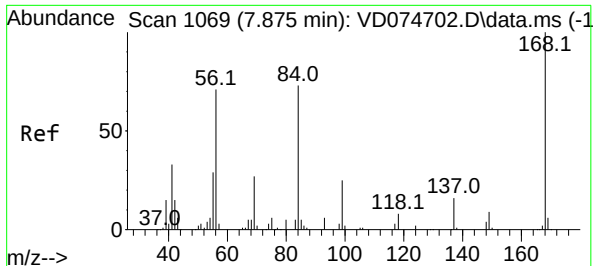
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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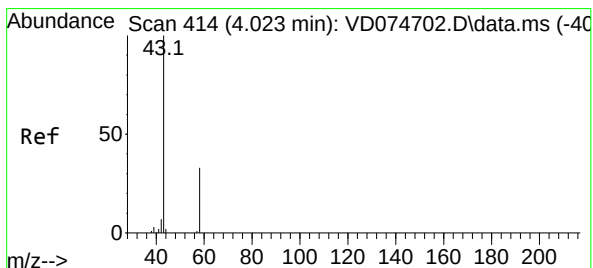
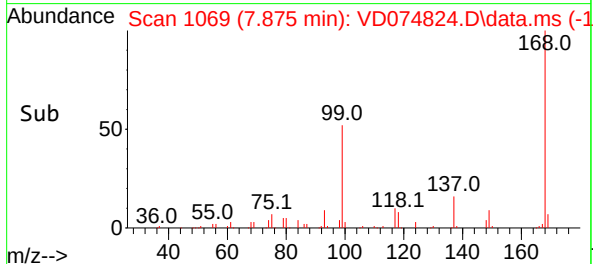
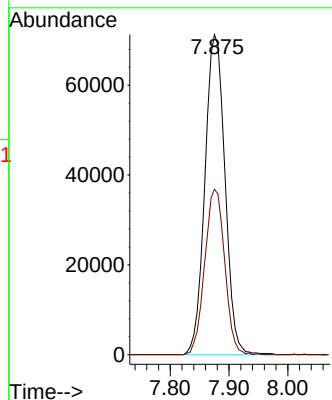
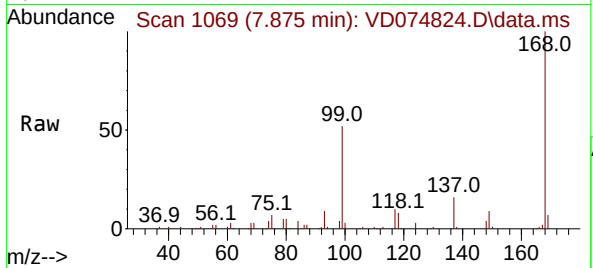




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074824.D
Acq: 09 Nov 2022 13:27

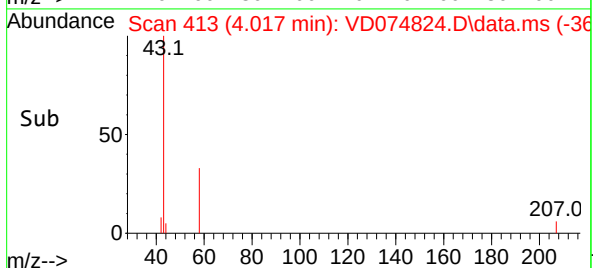
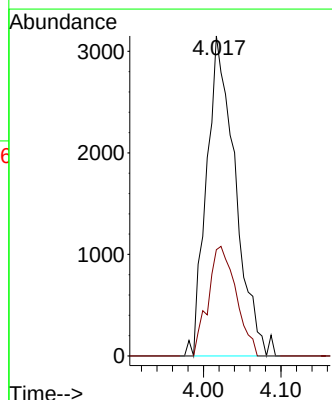
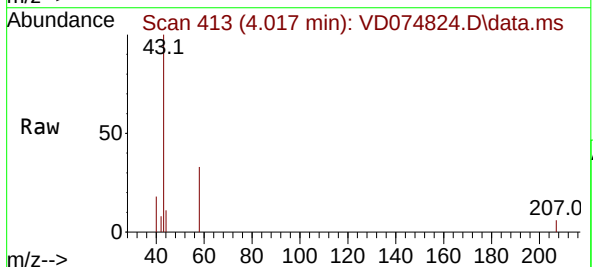
Instrument :
MSVOA_D
ClientSampleId :
TUL-ROS-1104

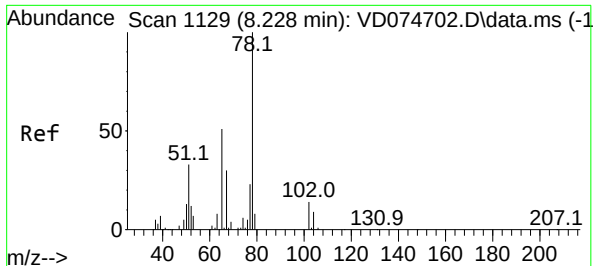
Tgt Ion:168 Resp: 169125
Ion Ratio Lower Upper
168 100
99 51.7 40.9 61.3



#16
Acetone
Concen: 29.052 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074824.D
Acq: 09 Nov 2022 13:27

Tgt Ion: 43 Resp: 8121
Ion Ratio Lower Upper
43 100
58 33.2 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 39.760 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074824.D

Acq: 09 Nov 2022 13:27

Instrument :

MSVOA_D

ClientSampleId :

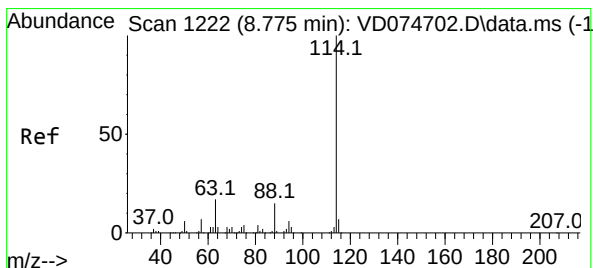
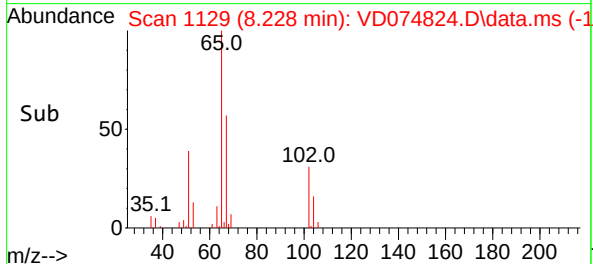
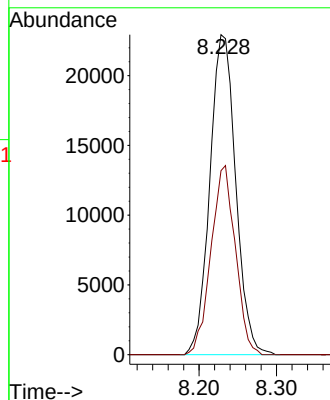
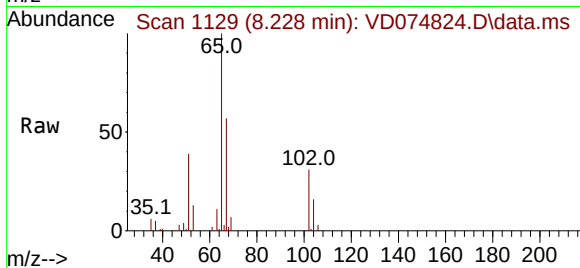
TUL-ROS-1104

Tgt Ion: 65 Resp: 53259

Ion Ratio Lower Upper

65 100

67 55.7 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: VD074824.D

Acq: 09 Nov 2022 13:27

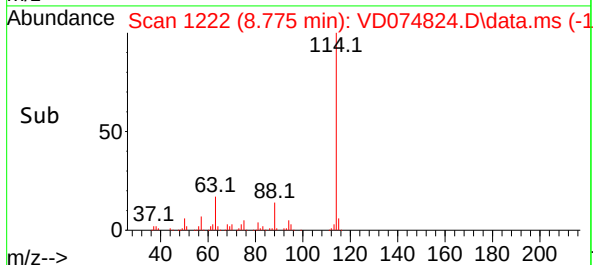
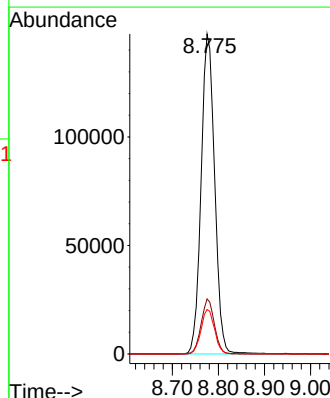
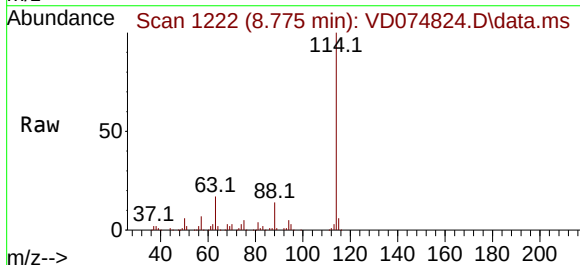
Tgt Ion: 114 Resp: 302517

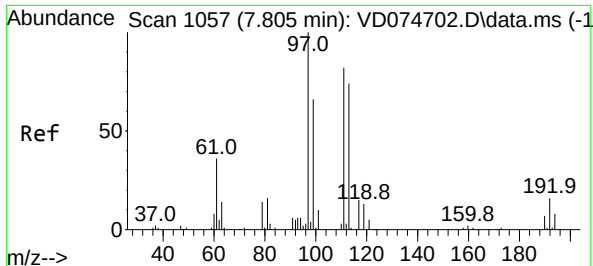
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.2

88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 39.670 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074824.D

Acq: 09 Nov 2022 13:27

Instrument :

MSVOA_D

ClientSampleId :

TUL-ROS-1104

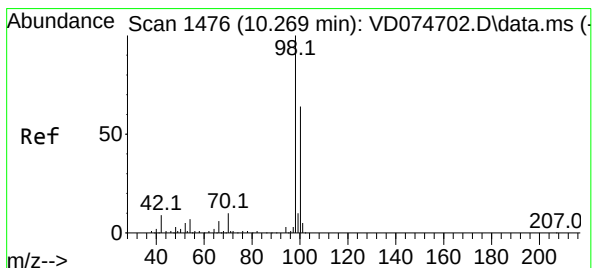
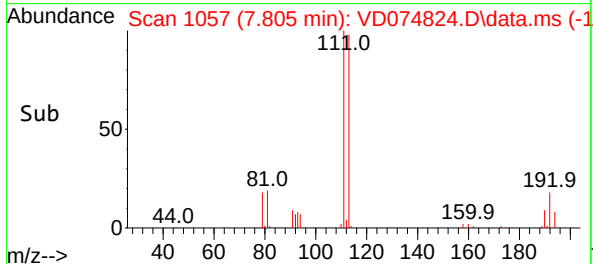
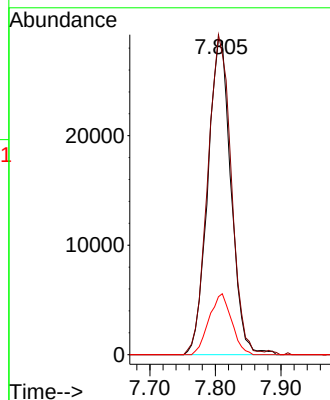
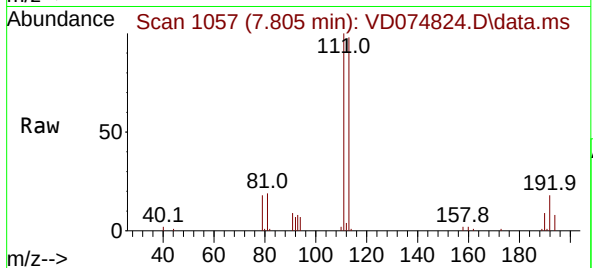
Tgt Ion:113 Resp: 70990

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 18.7 16.4 24.6



#50

Toluene-d8

Concen: 33.305 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074824.D

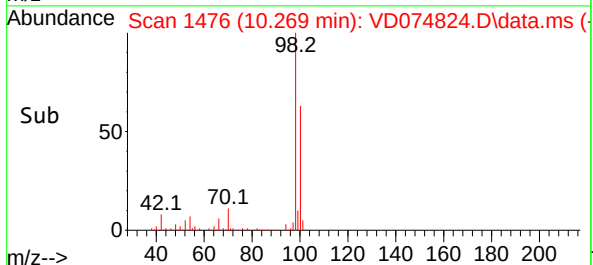
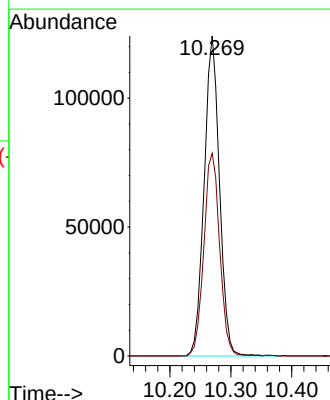
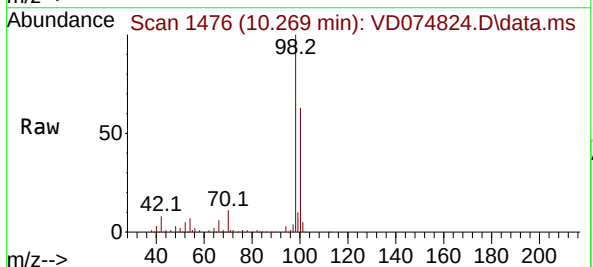
Acq: 09 Nov 2022 13:27

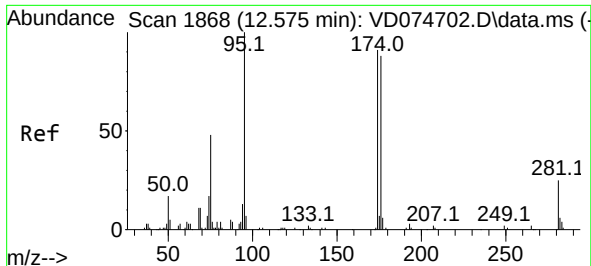
Tgt Ion: 98 Resp: 217403

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.0

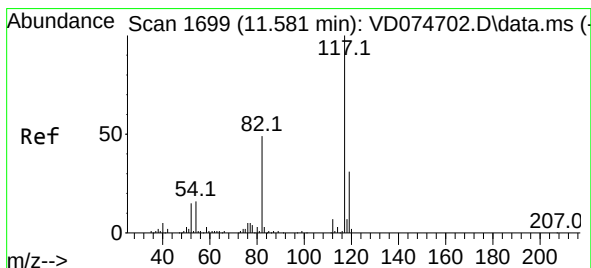
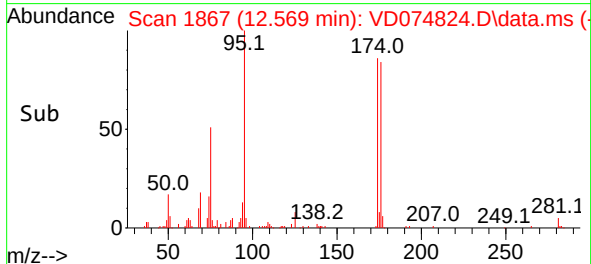
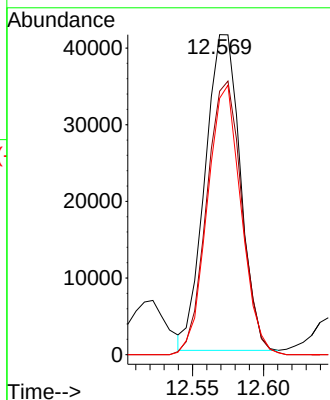
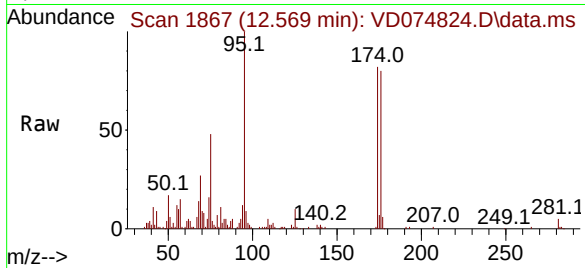




#62
4-Bromofluorobenzene
Concen: 37.757 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074824.D
Acq: 09 Nov 2022 13:27

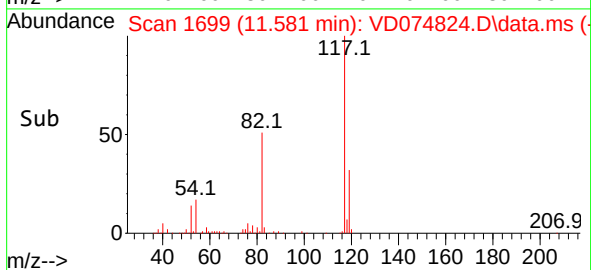
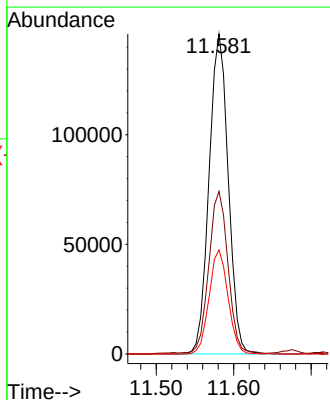
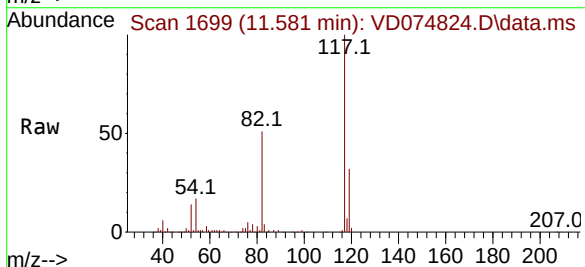
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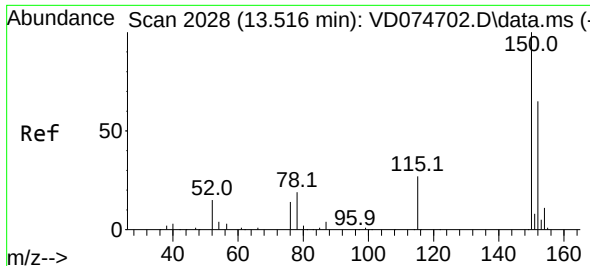
Tgt Ion: 95 Resp: 71161
Ion Ratio Lower Upper
95 100
174 86.1 0.0 197.0
176 81.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074824.D
Acq: 09 Nov 2022 13:27

Tgt Ion: 117 Resp: 250789
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 32.5 25.2 37.8

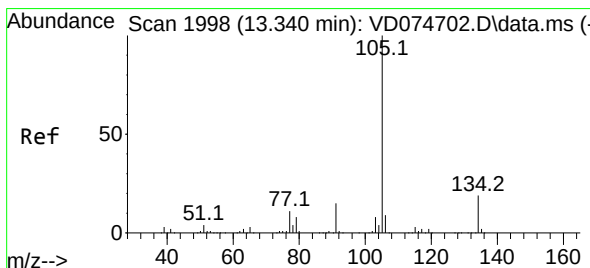
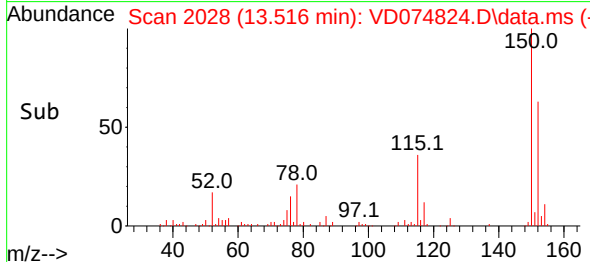
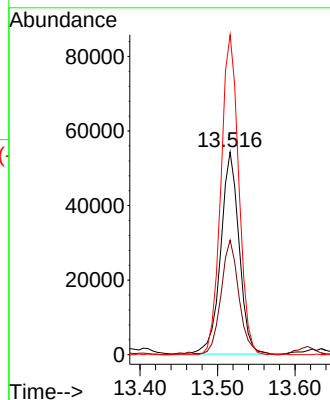
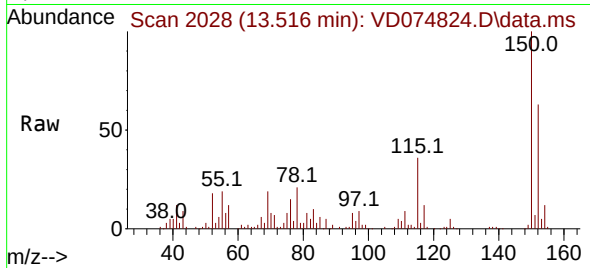




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD074824.D
 Acq: 09 Nov 2022 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TUL-ROS-1104

Tgt Ion:152 Resp: 89538
 Ion Ratio Lower Upper
 152 100
 115 55.7 26.8 80.4
 150 153.2 0.0 348.2



#85
 sec-Butylbenzene
 Concen: 5.560 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074824.D
 Acq: 09 Nov 2022 13:27

Tgt Ion:105 Resp: 39452
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.0 30.0

