

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014211.D
 Acq On : 16 Jun 2023 18:21
 Operator : KP/MD
 Sample : 03235-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-MANHOLERE

Quant Time: Jun 16 23:24:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

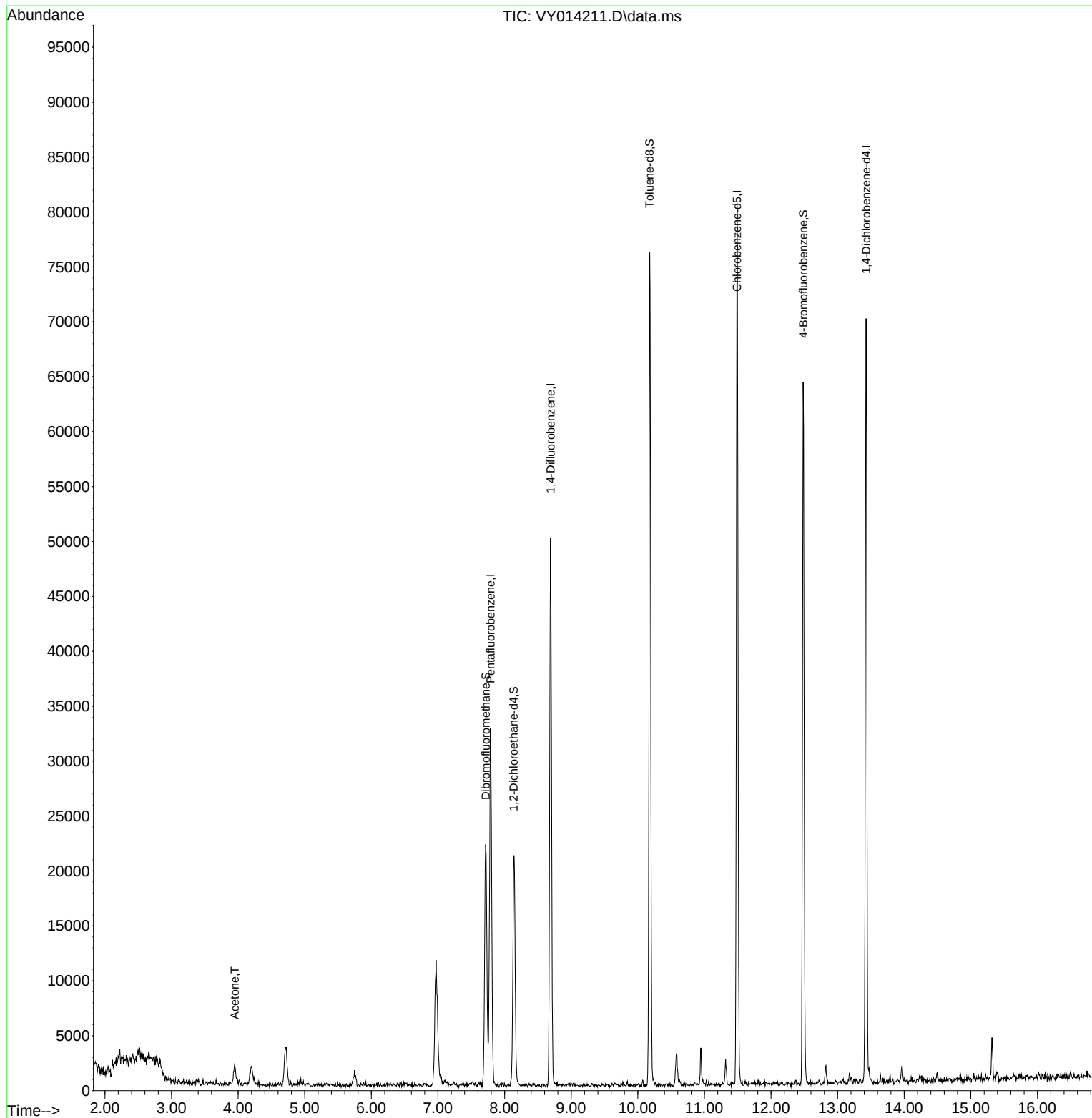
Internal Standards						
1) Pentafluorobenzene	7.789	168	24404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17966	52.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.740%	
35) Dibromofluoromethane	7.716	113	15330	52.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.020%	
50) Toluene-d8	10.179	98	49837	45.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.460%	
62) 4-Bromofluorobenzene	12.483	95	17124	43.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.500%	
Target Compounds						
16) Acetone	3.948	43	3054	29.814	ug/l	Qvalue # 79

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

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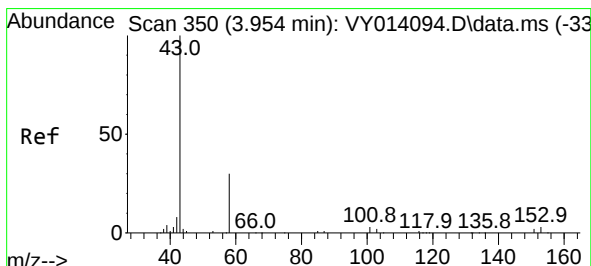
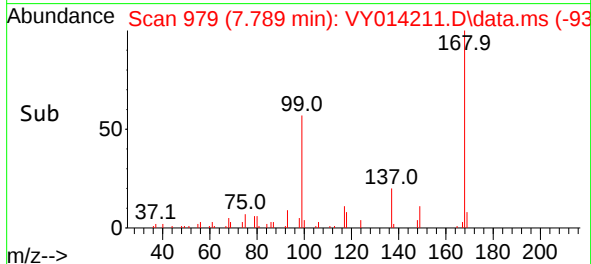
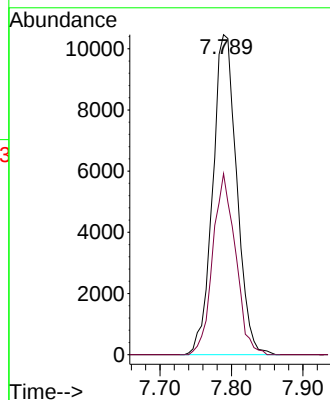
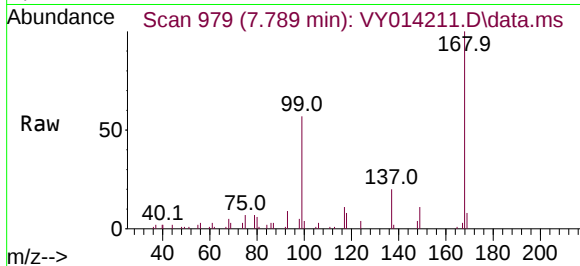




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014211.D
Acq: 16 Jun 2023 18:21

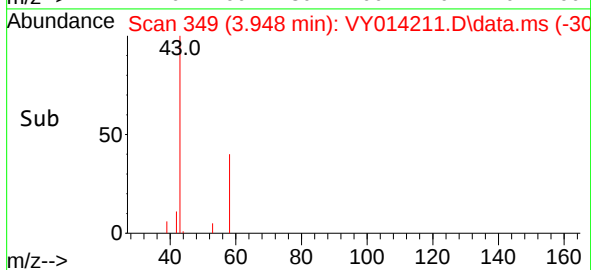
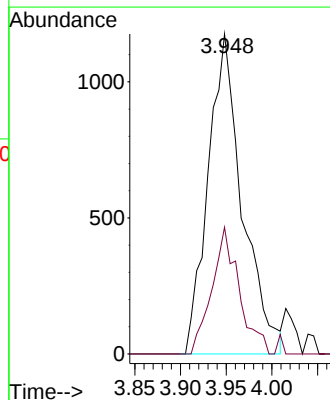
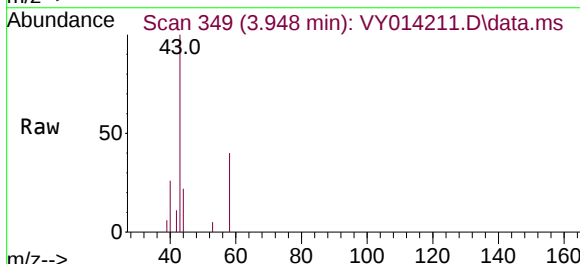
Instrument :
MSVOA_Y
ClientSampleId :
A-MANHOLERE

Tgt Ion:168 Resp: 24404
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#16
Acetone
Concen: 29.814 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014211.D
Acq: 16 Jun 2023 18:21

Tgt Ion: 43 Resp: 3054
Ion Ratio Lower Upper
43 100
58 39.6 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 52.868 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014211.D

Acq: 16 Jun 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

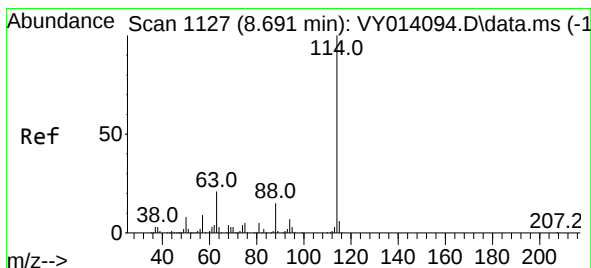
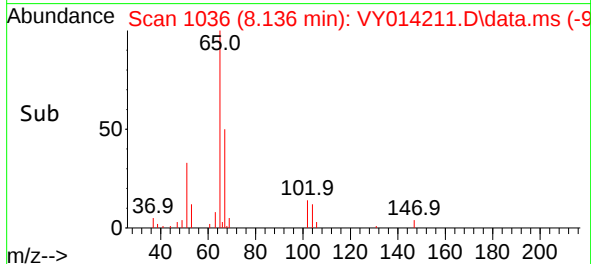
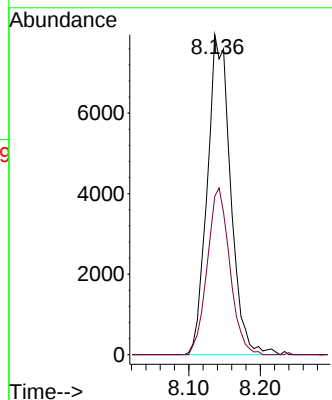
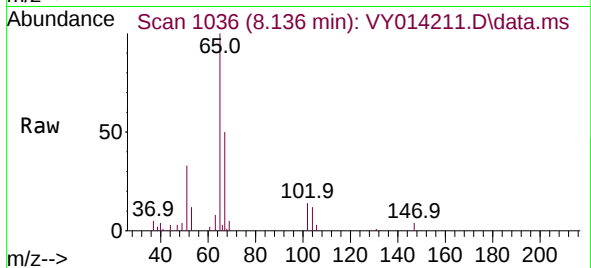
A-MANHOLERE

Tgt Ion: 65 Resp: 17966

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014211.D

Acq: 16 Jun 2023 18:21

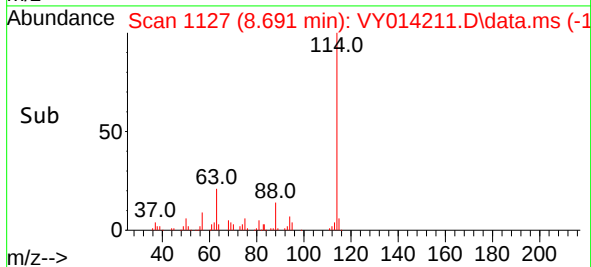
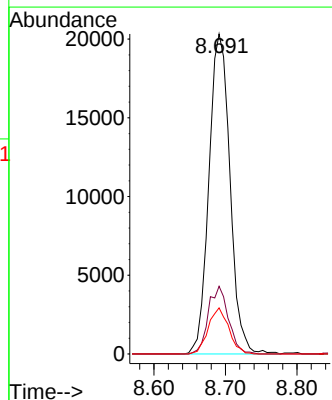
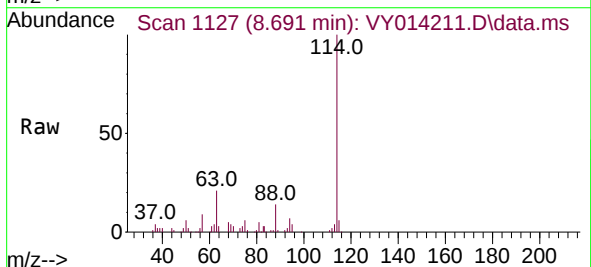
Tgt Ion: 114 Resp: 41560

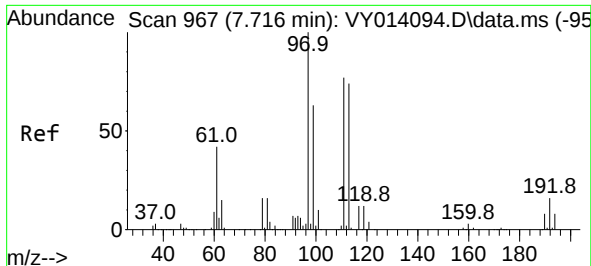
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 14.4 0.0 30.6

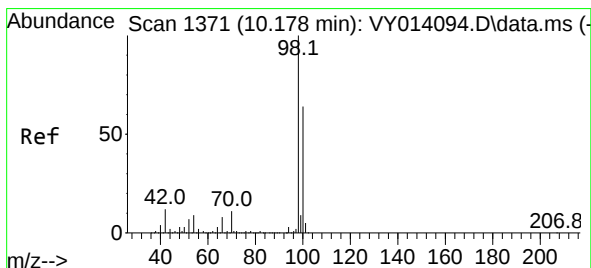
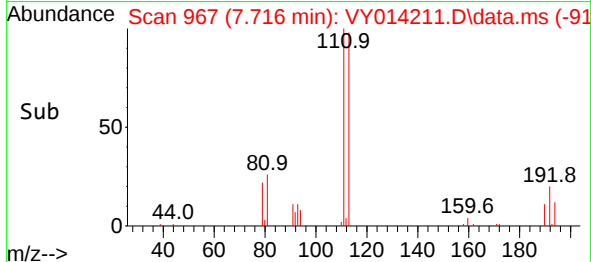
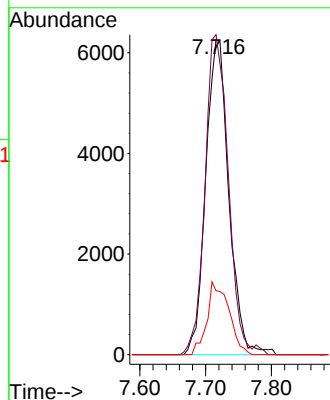
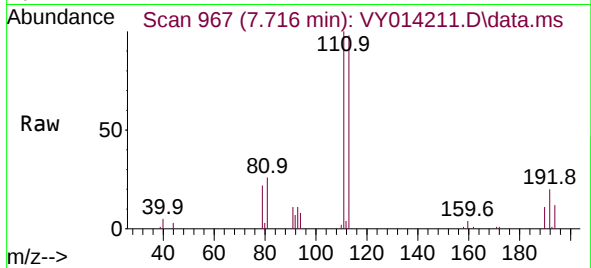




#35
Dibromofluoromethane
Concen: 52.013 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014211.D
Acq: 16 Jun 2023 18:21

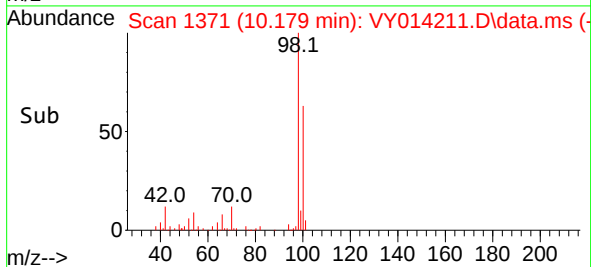
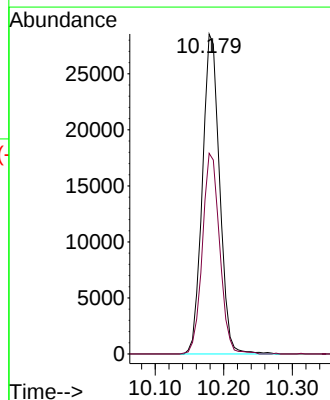
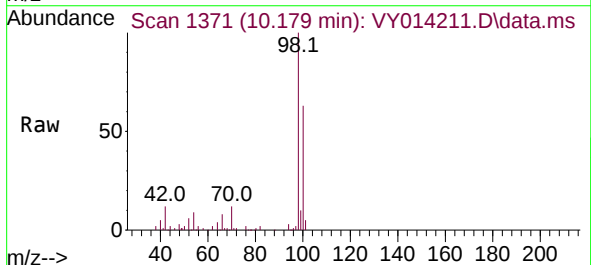
Instrument :
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ClientSampleId :
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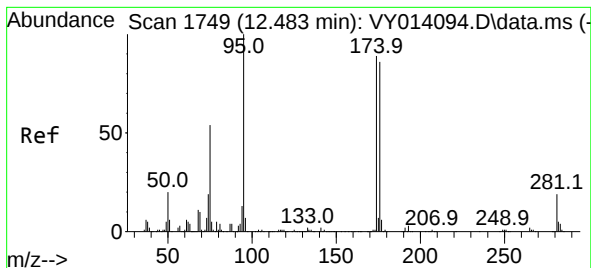
Tgt Ion:113 Resp: 15330
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 21.9 16.9 25.3



#50
Toluene-d8
Concen: 45.229 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014211.D
Acq: 16 Jun 2023 18:21

Tgt Ion: 98 Resp: 49837
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

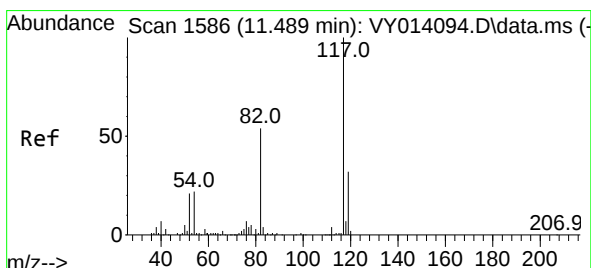
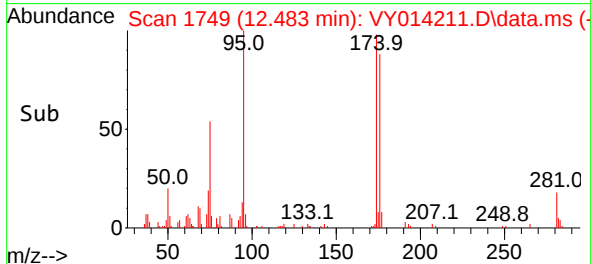
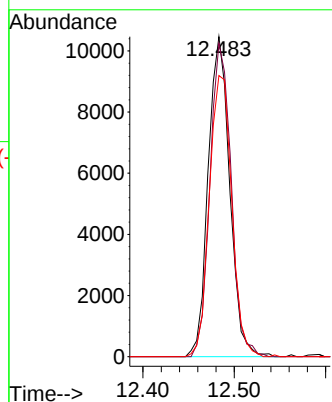
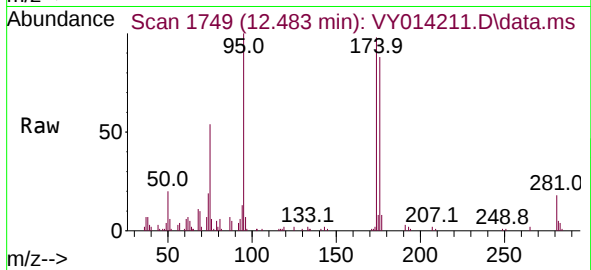




#62
4-Bromofluorobenzene
Concen: 43.748 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014211.D
Acq: 16 Jun 2023 18:21

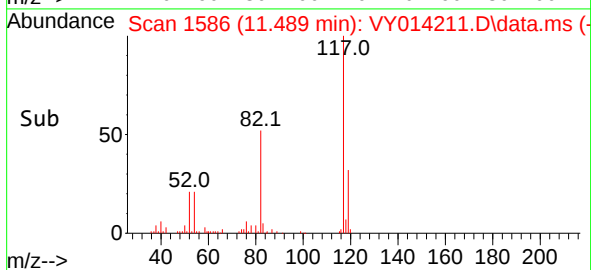
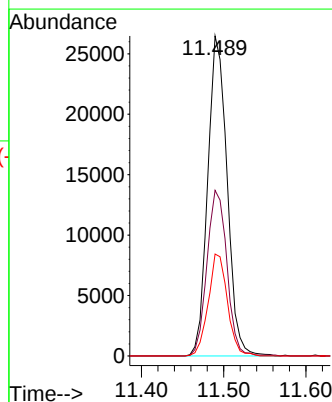
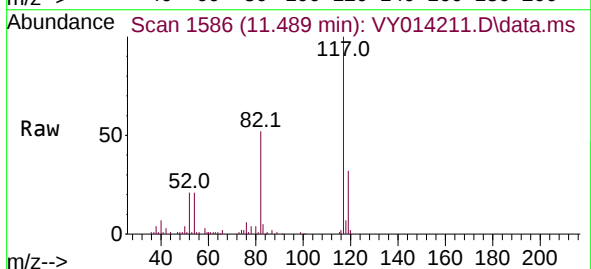
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MSVOA_Y
ClientSampleId :
A-MANHOLERE

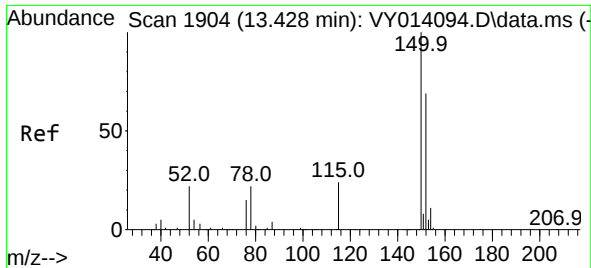
Tgt Ion: 95 Resp: 17124
Ion Ratio Lower Upper
95 100
174 96.1 0.0 178.2
176 91.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014211.D
Acq: 16 Jun 2023 18:21

Tgt Ion: 117 Resp: 43300
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014211.D

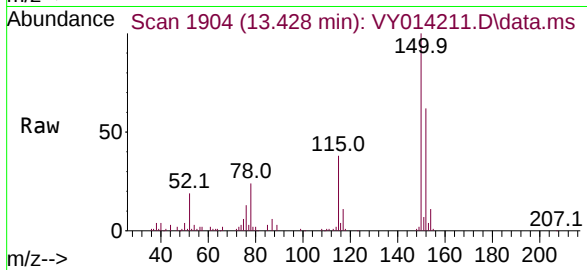
Acq: 16 Jun 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

A-MANHOLERE



Tgt Ion:152 Resp: 18681

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 155.8 0.0 348.8

