

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016303.D
 Acq On : 10 Nov 2023 13:11
 Operator : SY/MD
 Sample : 05354-01
 Misc : 5.01 g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 350

Quant Time: Nov 10 22:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

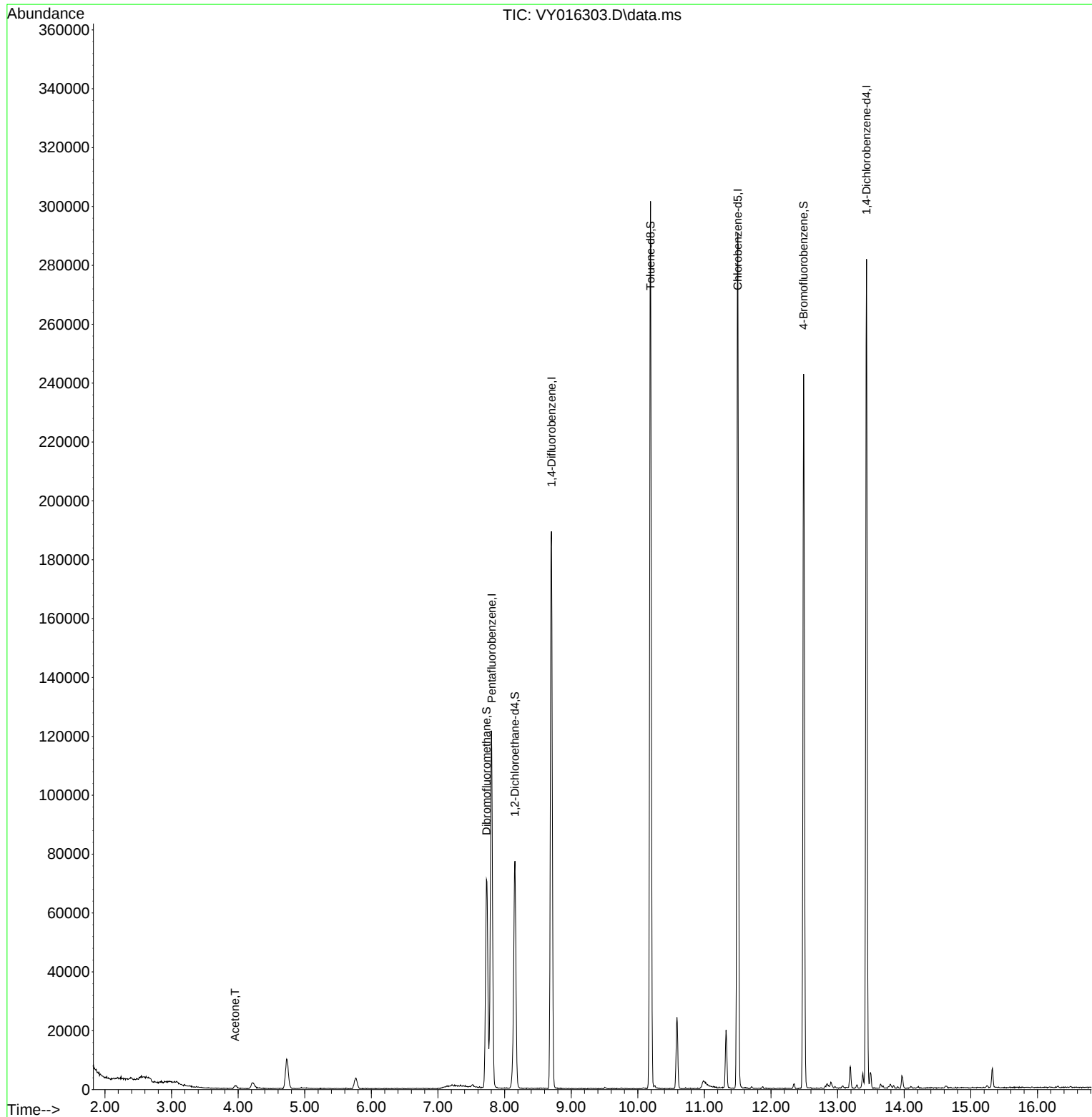
Internal Standards						
1) Pentafluorobenzene	7.807	168	94775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	168686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	161189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	58155	67.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.280%	
35) Dibromofluoromethane	7.728	113	51777	54.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.191	98	199227	51.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.489	95	68126	53.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.960%	
Target Compounds						Qvalue
16) Acetone	3.954	43	1874	13.079	ug/l	# 78

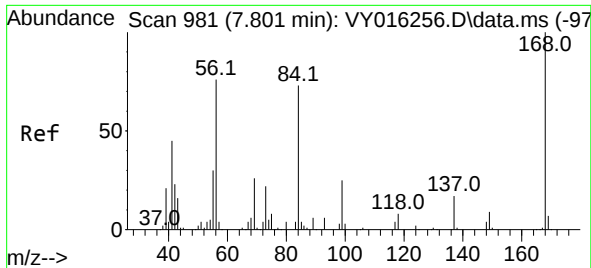
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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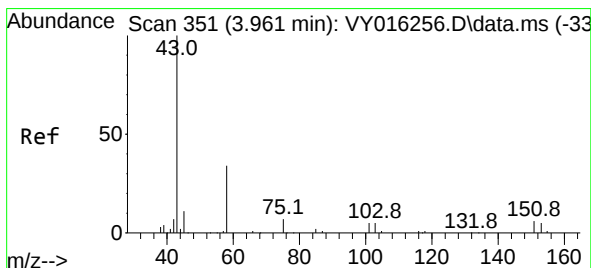
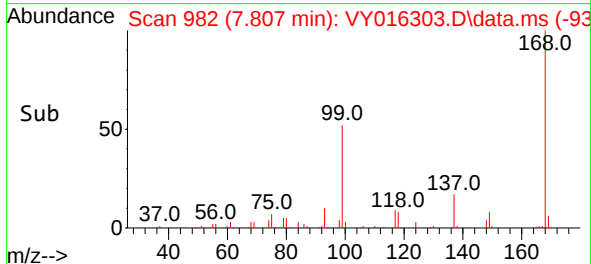
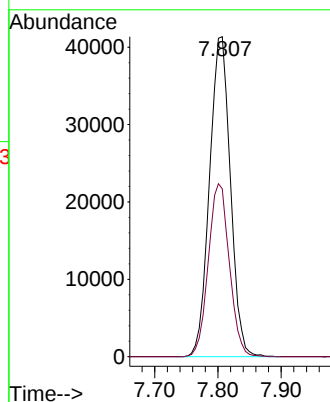
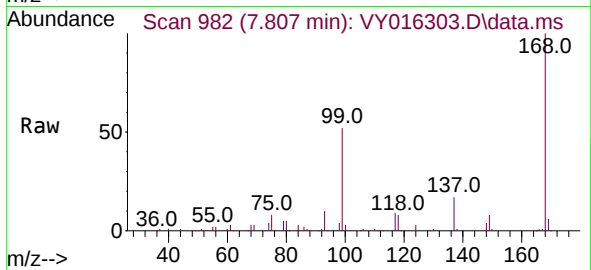




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016303.D
Acq: 10 Nov 2023 13:11

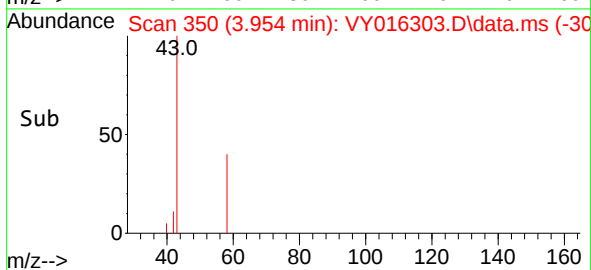
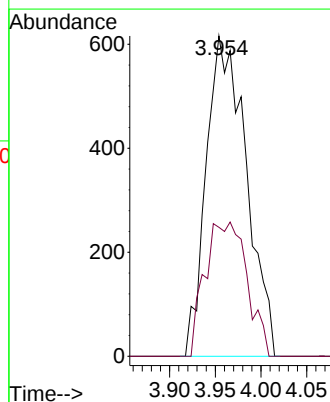
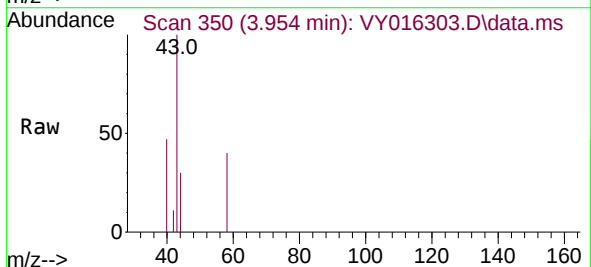
Instrument :
MSVOA_Y
ClientSampleId :
350

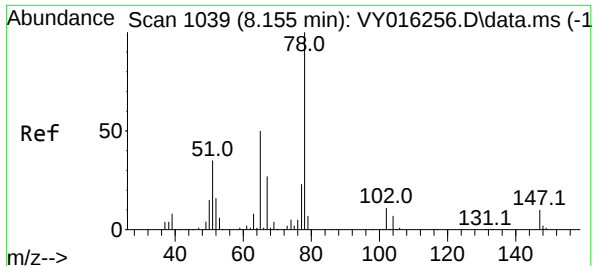
Tgt Ion:168 Resp: 94775
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#16
Acetone
Concen: 13.079 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.007 min
Lab File: VY016303.D
Acq: 10 Nov 2023 13:11

Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 40.3 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 67.138 ug/l

RT: 8.154 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY016303.D

Acq: 10 Nov 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

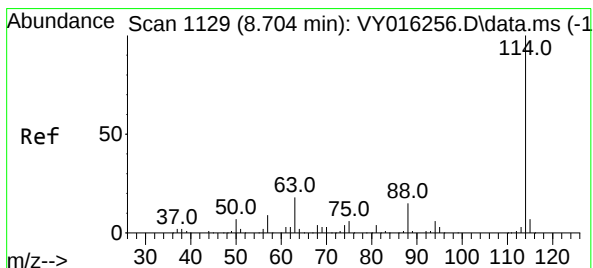
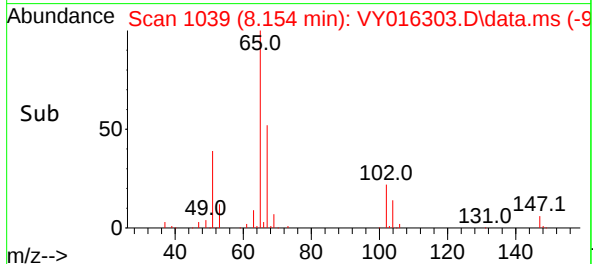
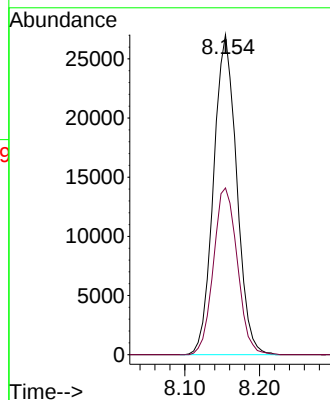
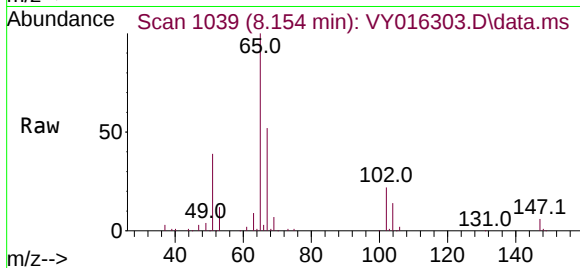
350

Tgt Ion: 65 Resp: 58155

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY016303.D

Acq: 10 Nov 2023 13:11

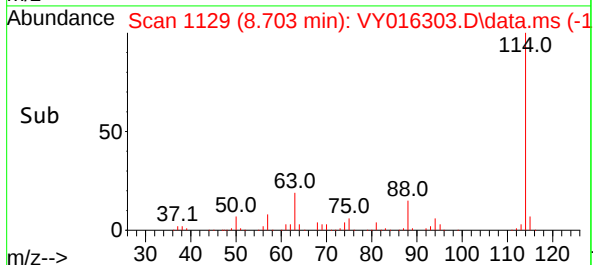
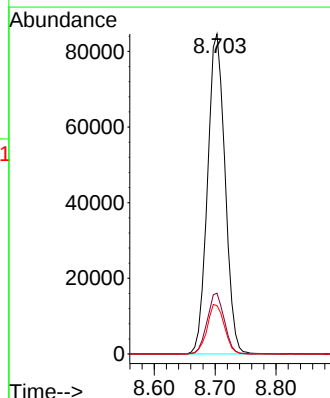
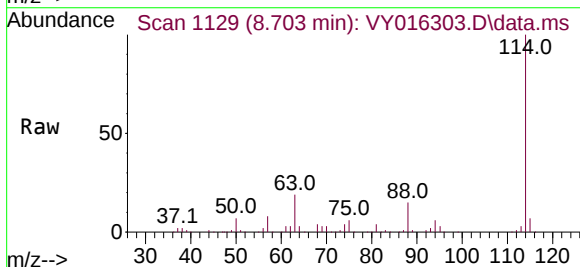
Tgt Ion: 114 Resp: 168686

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.033 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.007 min

Lab File: VY016303.D

Acq: 10 Nov 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

350

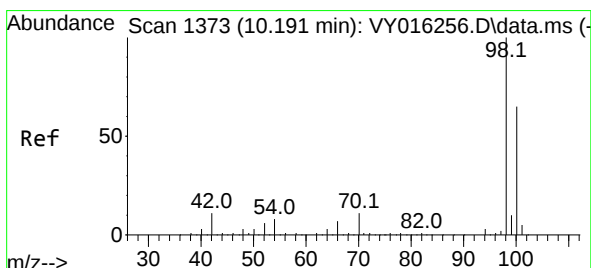
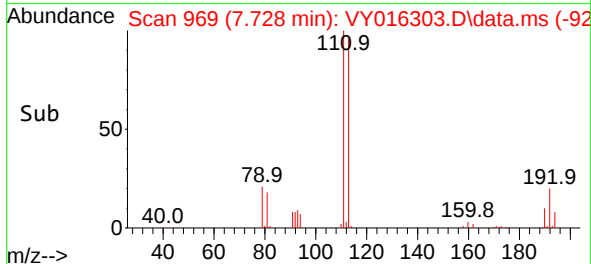
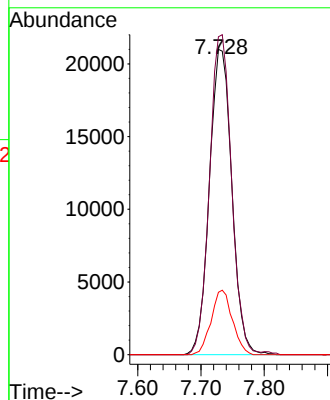
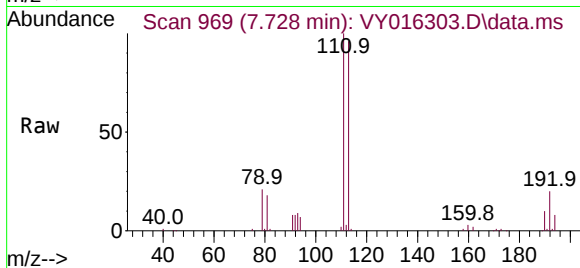
Tgt Ion:113 Resp: 51777

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 20.0 16.9 25.3



#50

Toluene-d8

Concen: 51.270 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.001 min

Lab File: VY016303.D

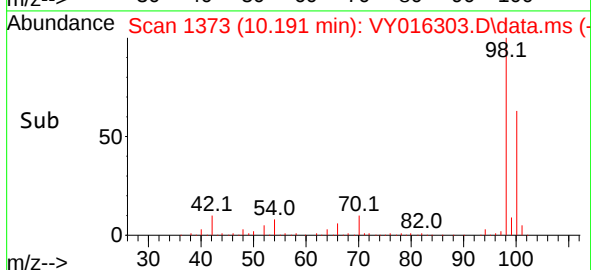
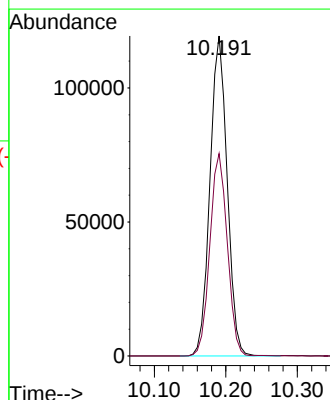
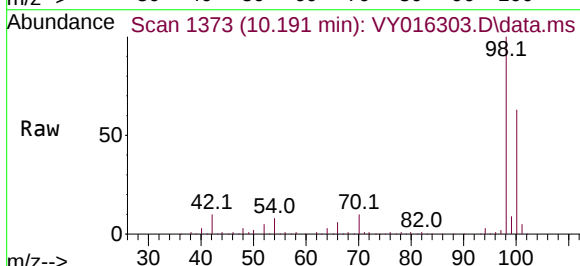
Acq: 10 Nov 2023 13:11

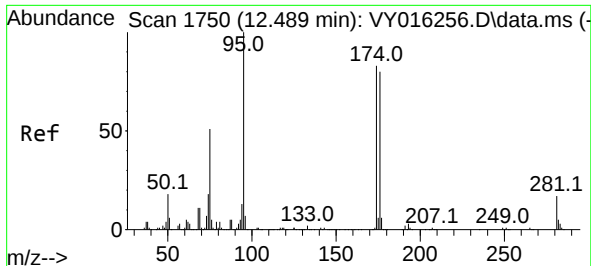
Tgt Ion: 98 Resp: 199227

Ion Ratio Lower Upper

98 100

100 64.2 50.1 75.1

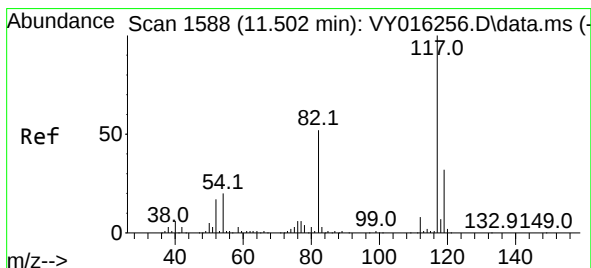
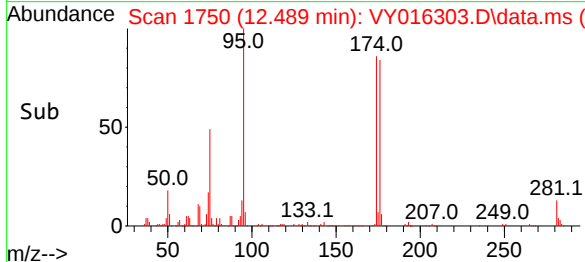
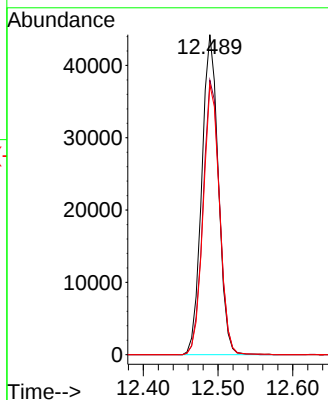
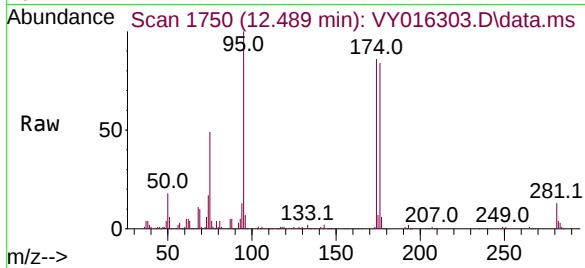




#62
4-Bromofluorobenzene
Concen: 53.979 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016303.D
Acq: 10 Nov 2023 13:11

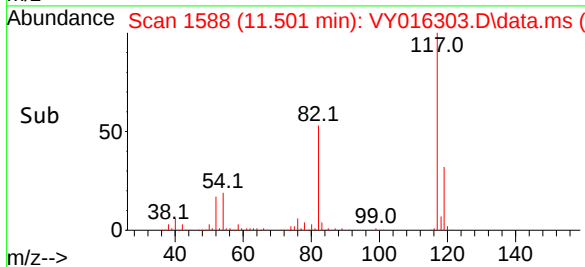
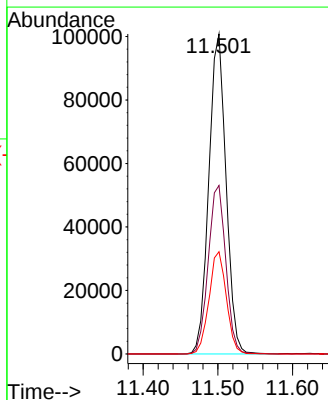
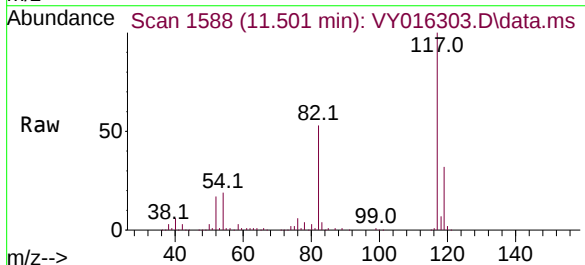
Instrument :
MSVOA_Y
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350

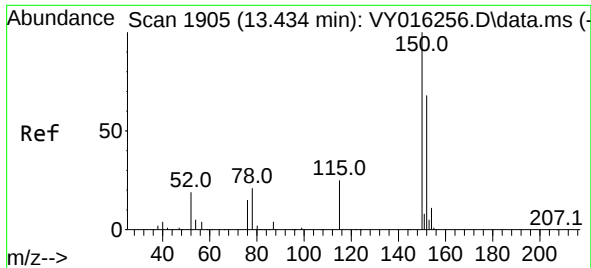
Tgt Ion: 95 Resp: 68126
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VY016303.D
Acq: 10 Nov 2023 13:11

Tgt Ion: 117 Resp: 161189
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.001 min

Lab File: VY016303.D

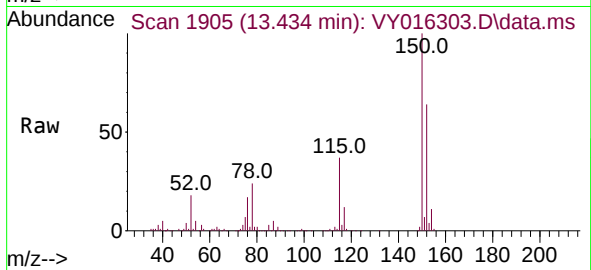
Acq: 10 Nov 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

350



Tgt Ion:152 Resp: 73142

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 158.3 0.0 348.8

