

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017818.D
 Acq On : 02 Apr 2024 12:02
 Operator : SY/MD
 Sample : P1945-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEW-10

Quant Time: Apr 03 02:26:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

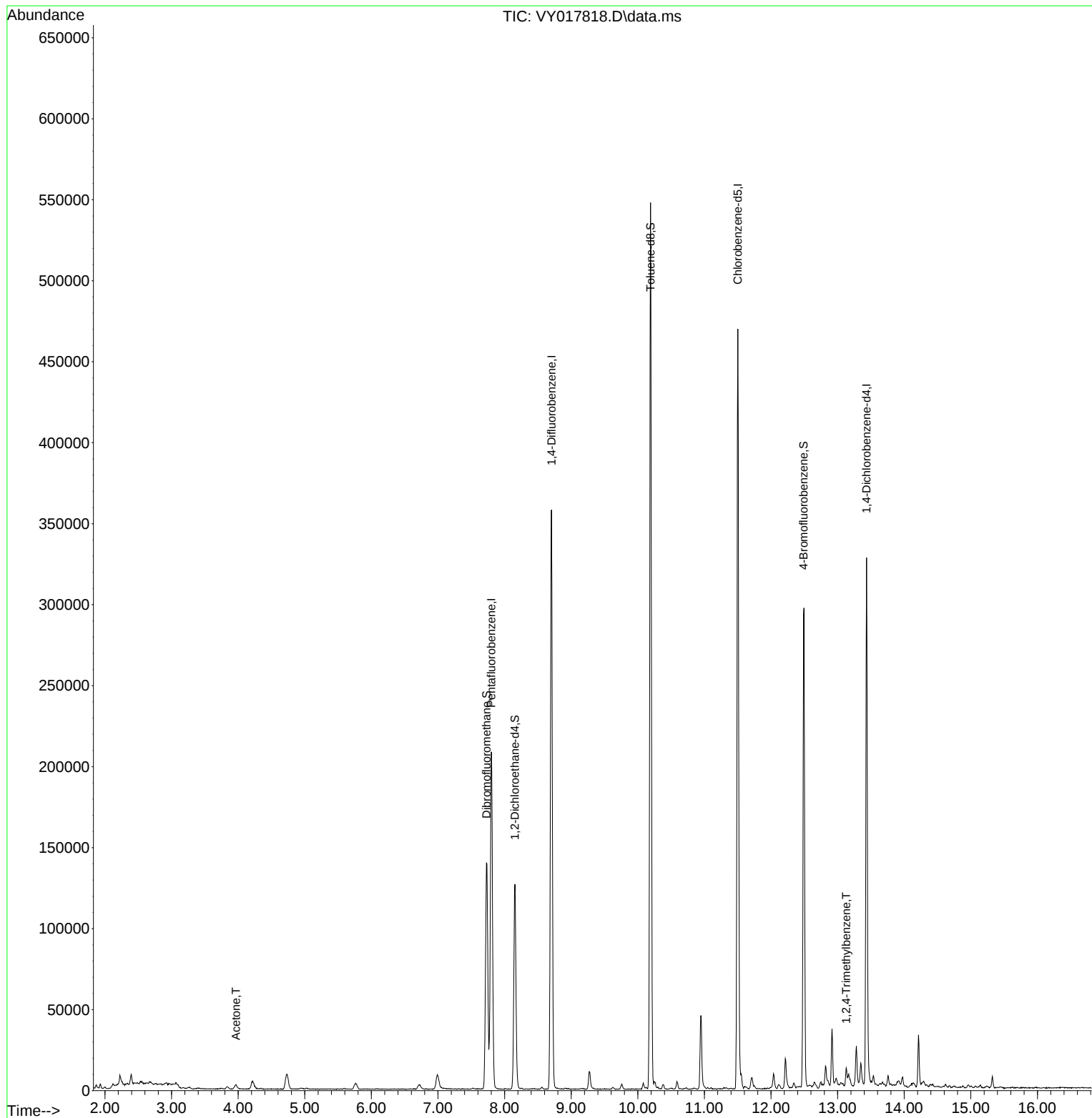
Internal Standards						
1) Pentafluorobenzene	7.801	168	169179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	313803	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	261074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	97179	66.381	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.760%	
35) Dibromofluoromethane	7.728	113	102450	56.499	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.000%	
50) Toluene-d8	10.191	98	358654	52.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.489	95	86958	42.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.400%	
Target Compounds						
						Qvalue
16) Acetone	3.966	43	4938	16.318	ug/l	# 79
84) 1,2,4-Trimethylbenzene	13.129	105	5792	1.290	ug/l	97

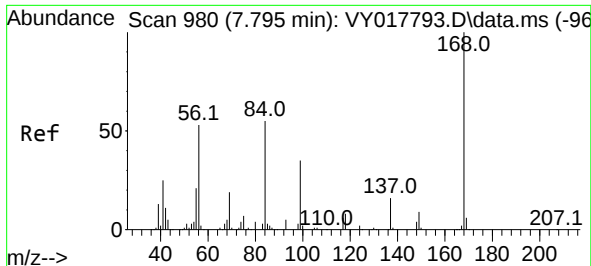
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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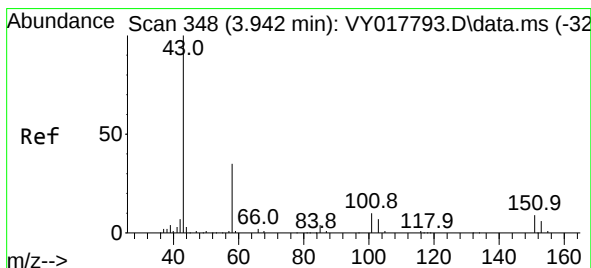
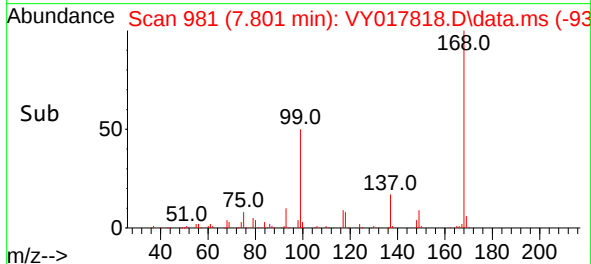
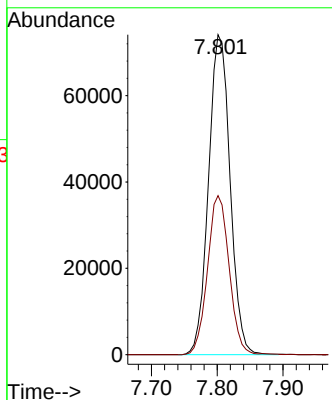
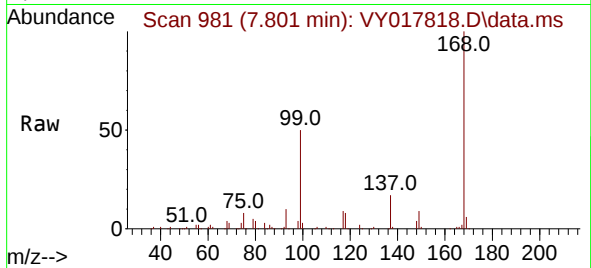




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017818.D
Acq: 02 Apr 2024 12:02

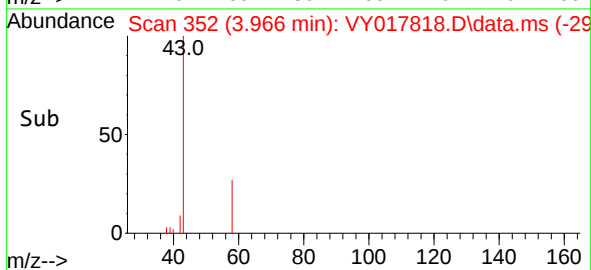
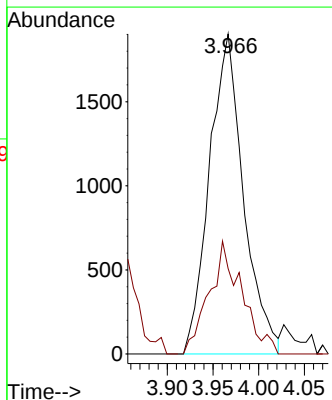
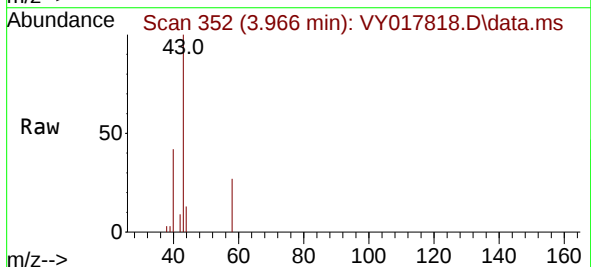
Instrument :
MSVOA_Y
ClientSampleId :
SEW-10

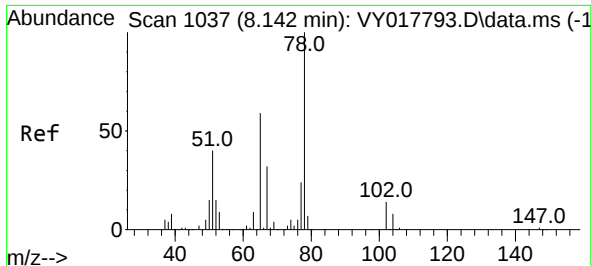
Tgt Ion:168 Resp: 169179
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#16
Acetone
Concen: 16.318 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017818.D
Acq: 02 Apr 2024 12:02

Tgt Ion: 43 Resp: 4938
Ion Ratio Lower Upper
43 100
58 26.7 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 66.381 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017818.D

Acq: 02 Apr 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

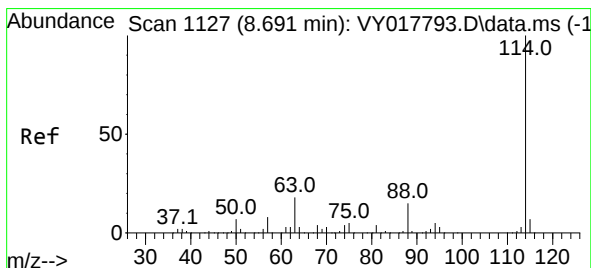
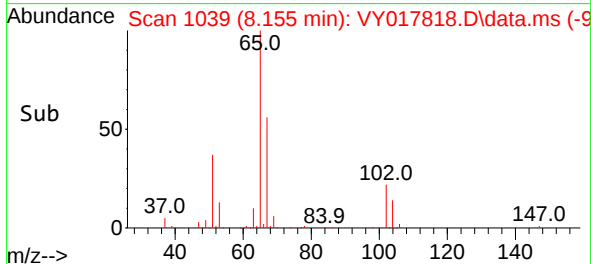
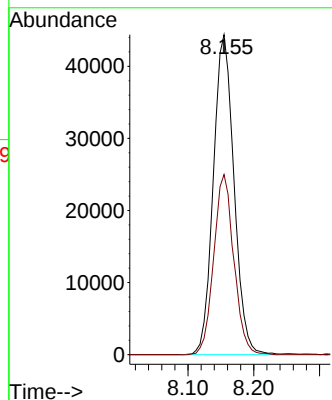
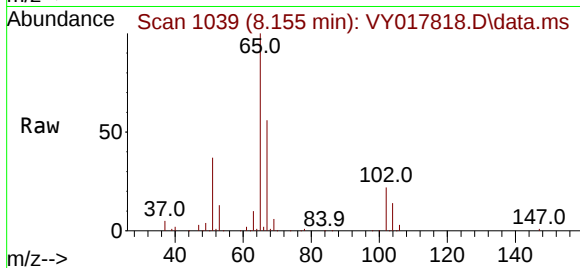
SEW-10

Tgt Ion: 65 Resp: 97179

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017818.D

Acq: 02 Apr 2024 12:02

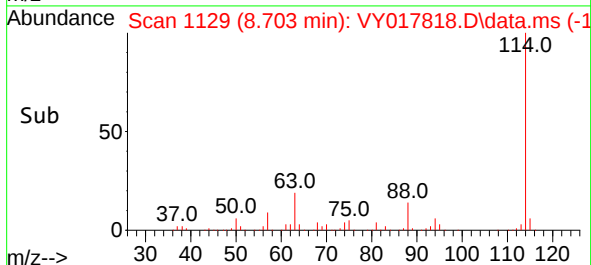
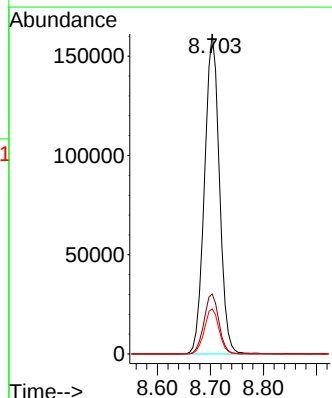
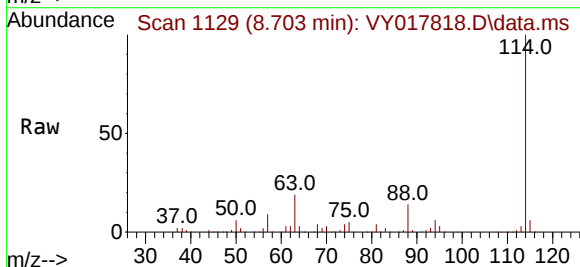
Tgt Ion: 114 Resp: 313803

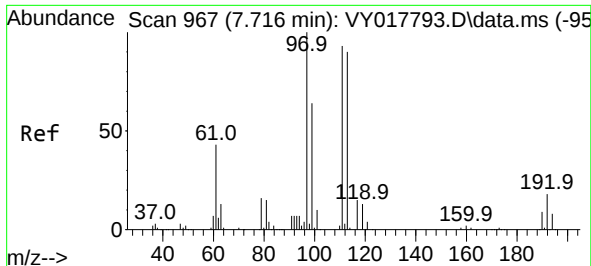
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 14.1 0.0 27.2

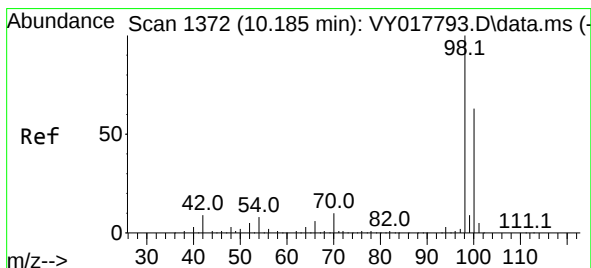
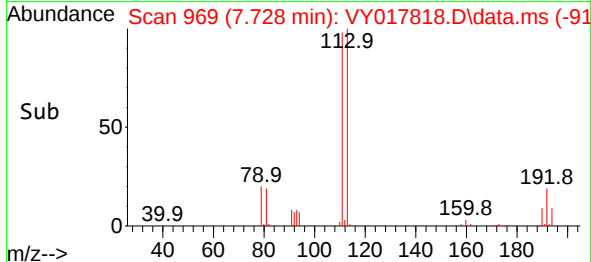
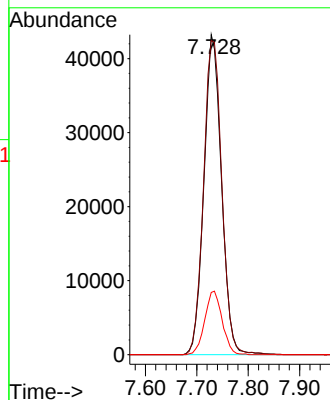
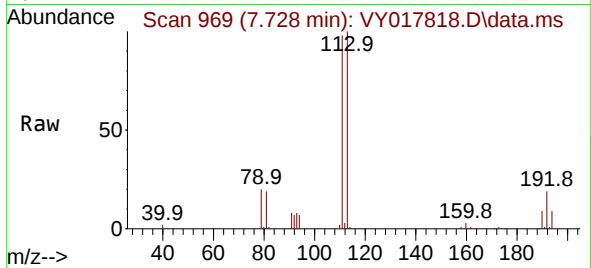




#35
Dibromofluoromethane
Concen: 56.499 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017818.D
Acq: 02 Apr 2024 12:02

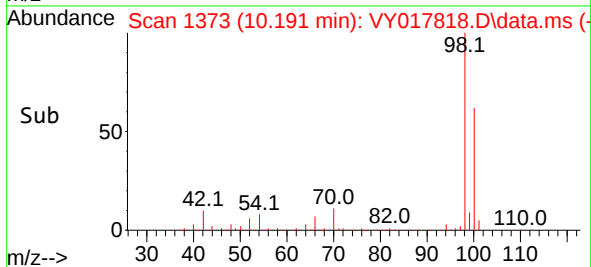
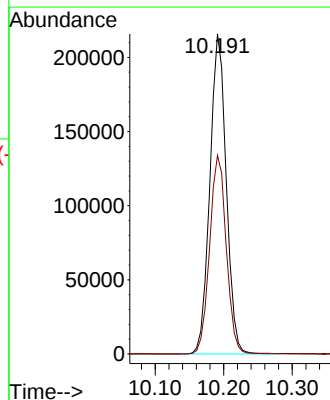
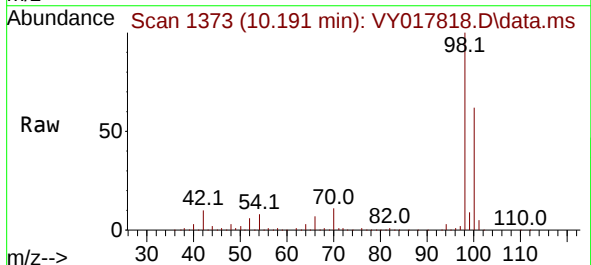
Instrument :
MSVOA_Y
ClientSampleId :
SEW-10

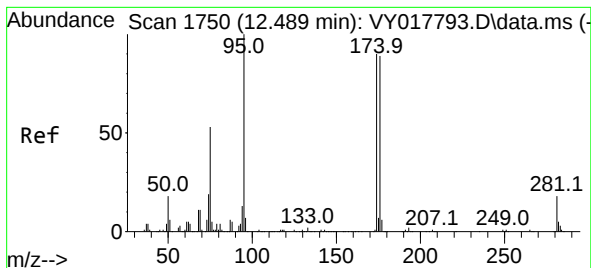
Tgt Ion:113 Resp: 102450
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 19.7 15.9 23.9



#50
Toluene-d8
Concen: 52.950 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017818.D
Acq: 02 Apr 2024 12:02

Tgt Ion: 98 Resp: 358654
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.196 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017818.D

Acq: 02 Apr 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

SEW-10

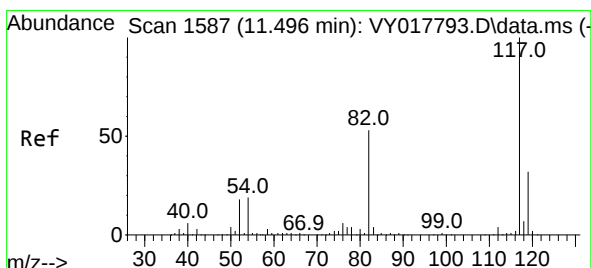
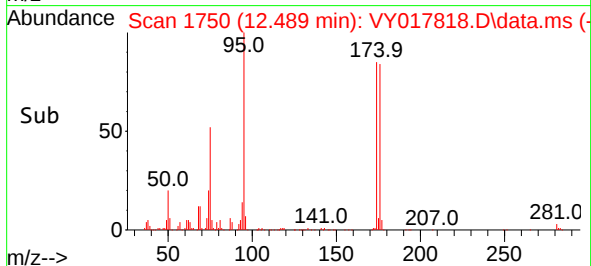
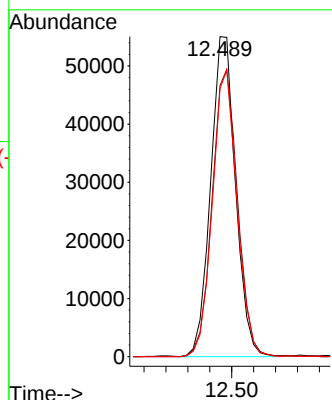
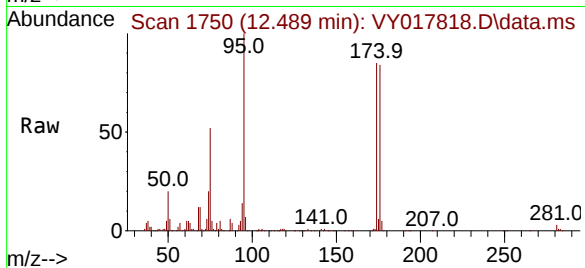
Tgt Ion: 95 Resp: 86958

Ion Ratio Lower Upper

95 100

174 91.6 0.0 175.6

176 88.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.006 min

Lab File: VY017818.D

Acq: 02 Apr 2024 12:02

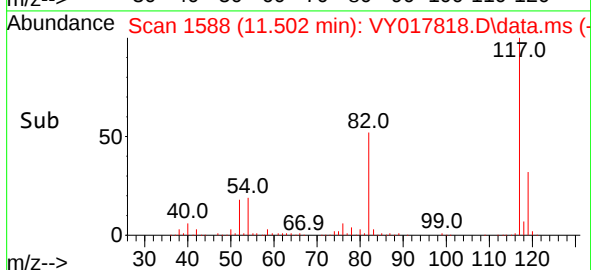
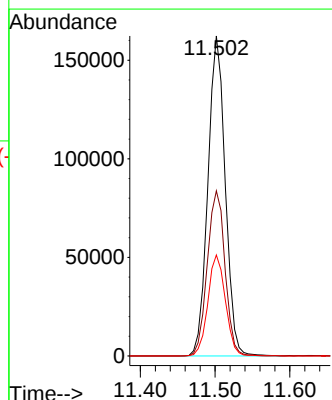
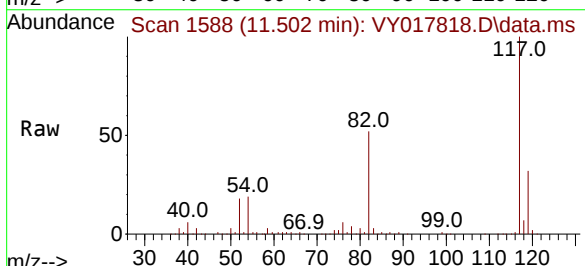
Tgt Ion: 117 Resp: 261074

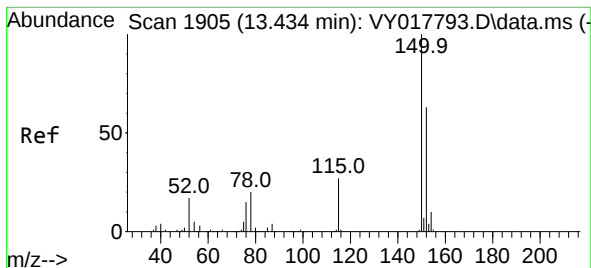
Ion Ratio Lower Upper

117 100

82 51.6 42.4 63.6

119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017818.D

Acq: 02 Apr 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

SEW-10

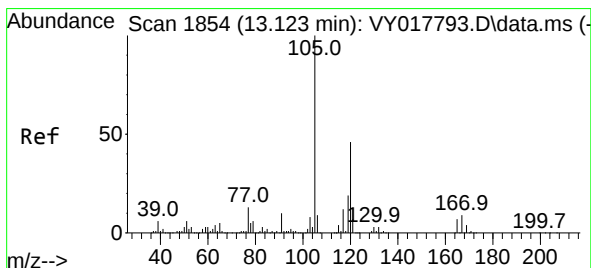
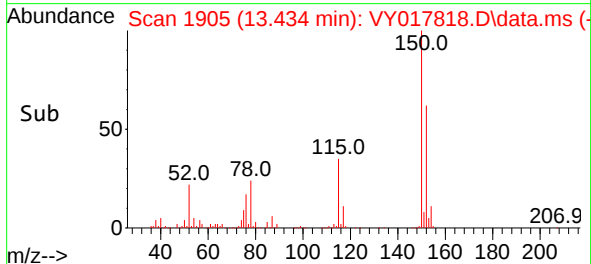
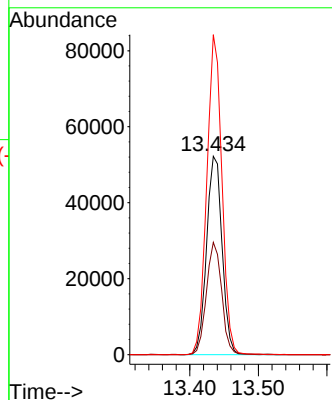
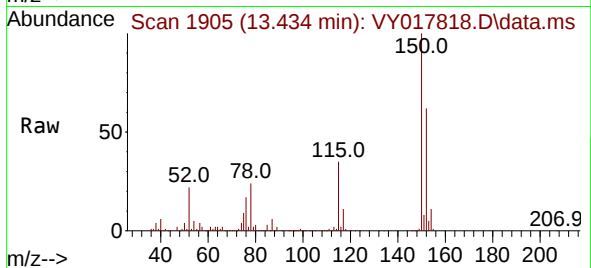
Tgt Ion:152 Resp: 82450

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 156.9 0.0 345.6



#84

1,2,4-Trimethylbenzene

Concen: 1.290 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017818.D

Acq: 02 Apr 2024 12:02

Tgt Ion:105 Resp: 5792

Ion Ratio Lower Upper

105 100

120 44.4 23.2 69.6

