

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017260.D
 Acq On : 06 Feb 2024 13:28
 Operator : SY/MD
 Sample : P1318-02RE
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-11-GRID-2RE

Quant Time: Feb 07 00:07:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

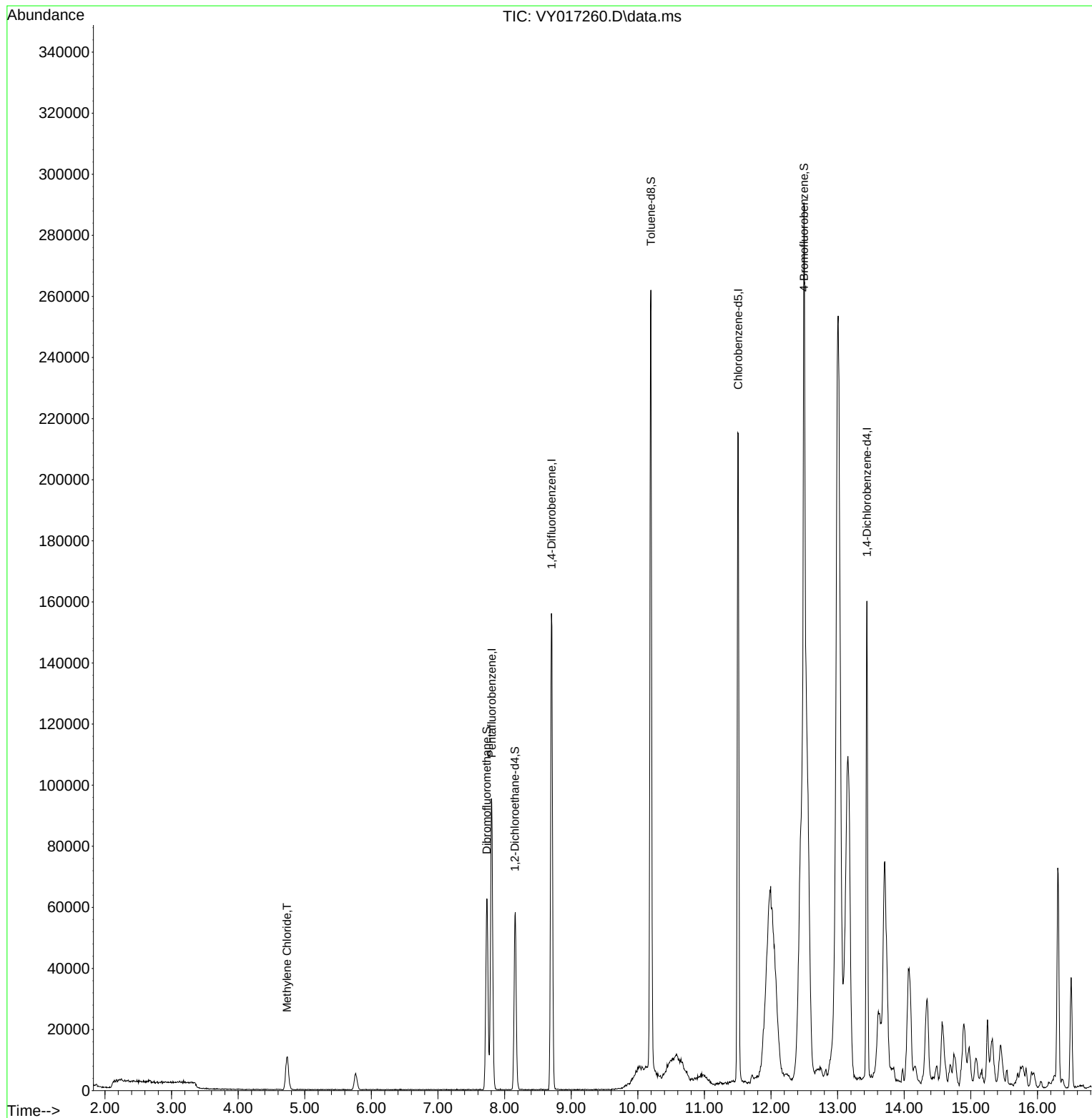
Internal Standards						
1) Pentafluorobenzene	7.807	168	72415	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	134968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	119692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	39444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	44911	69.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.840%
35) Dibromofluoromethane	7.734	113	45210	62.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.080%
50) Toluene-d8	10.197	98	169247	63.788	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	127.580%
62) 4-Bromofluorobenzene	12.495	95	47194	54.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.600%
Target Compounds						
20) Methylene Chloride	4.735	84	8574	8.073	ug/l	# 89

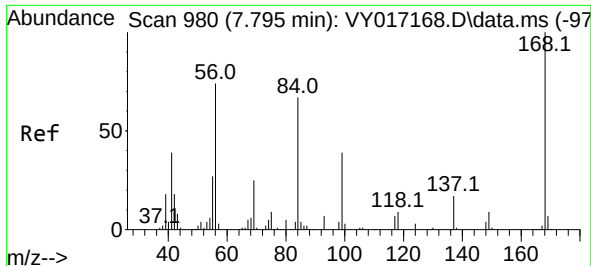
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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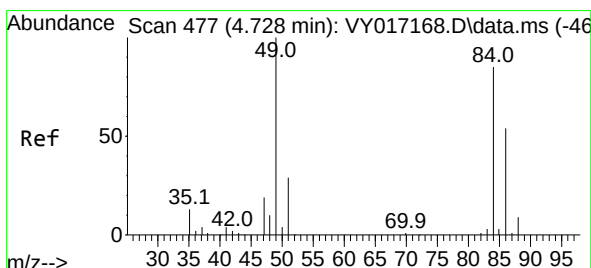
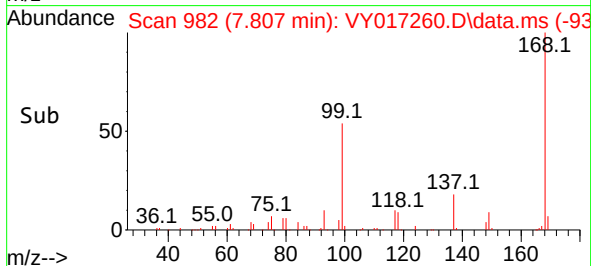
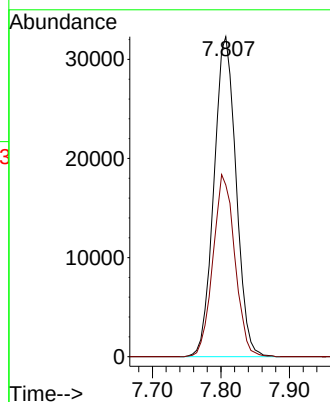
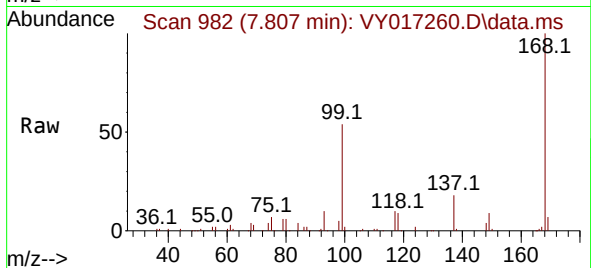




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

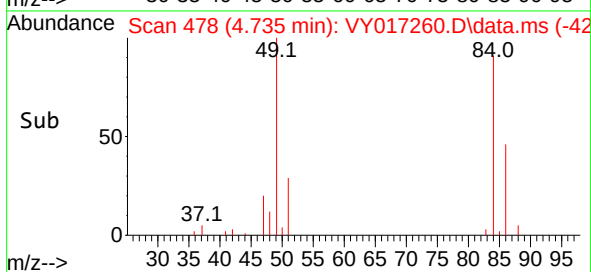
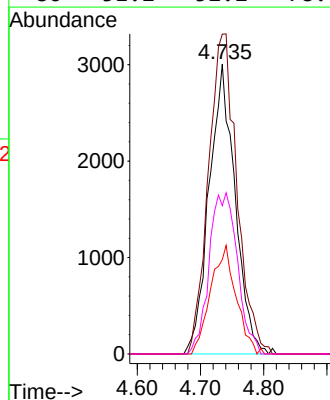
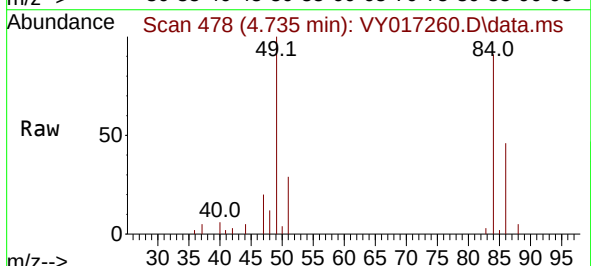
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2RE

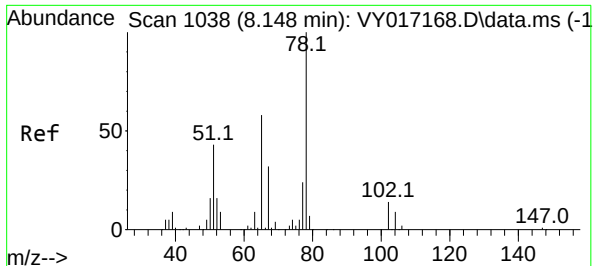
Tgt Ion:168 Resp: 72415
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#20
Methylene Chloride
Concen: 8.073 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Tgt Ion: 84 Resp: 8574
Ion Ratio Lower Upper
84 100
49 110.3 95.2 142.8
51 32.5 29.9 44.9
86 51.2 52.2 78.4#





#33

1,2-Dichloroethane-d4

Concen: 69.424 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

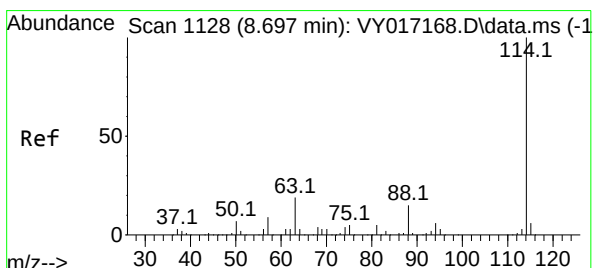
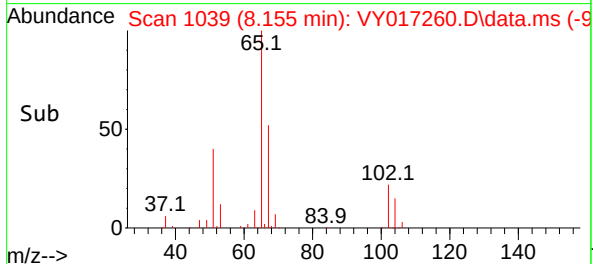
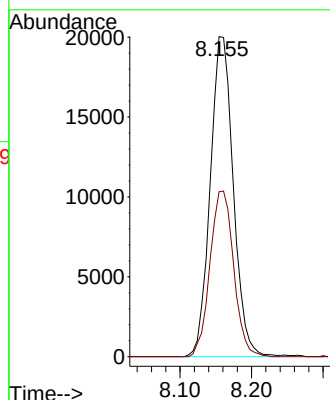
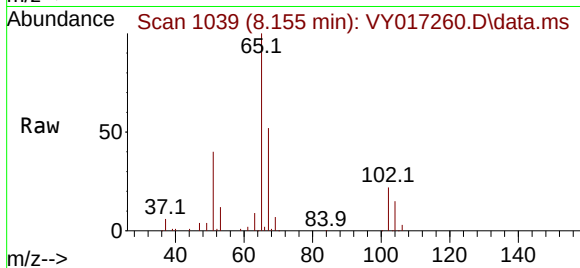
CO-11-GRID-2RE

Tgt Ion: 65 Resp: 44911

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

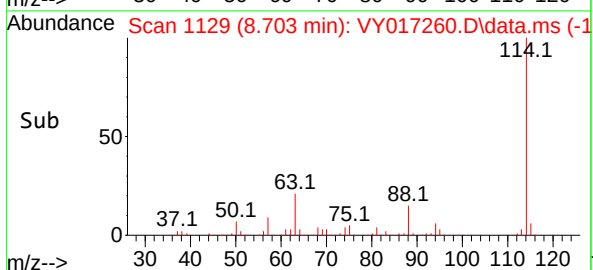
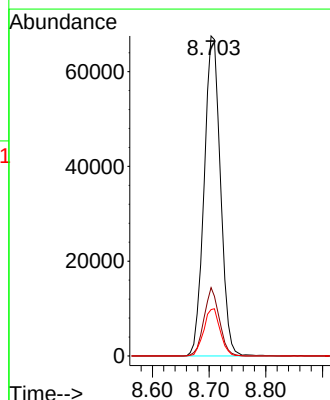
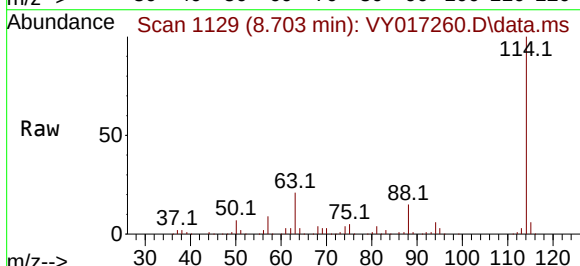
Tgt Ion: 114 Resp: 134968

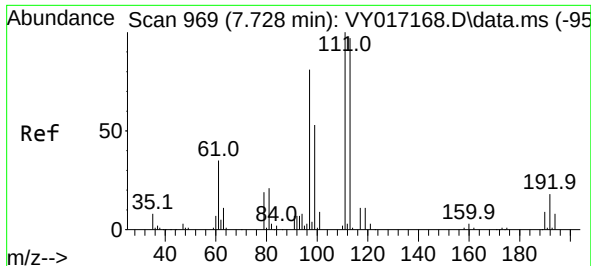
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 14.5 0.0 29.0

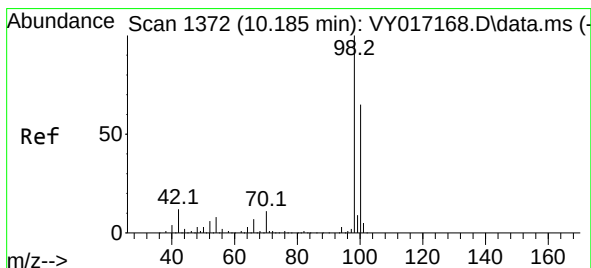
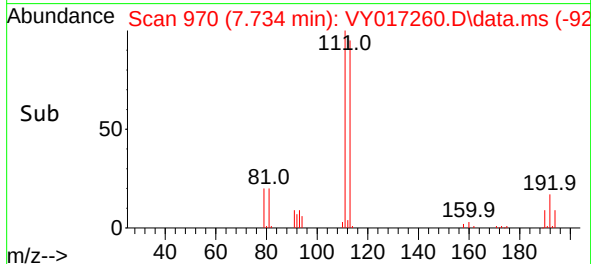
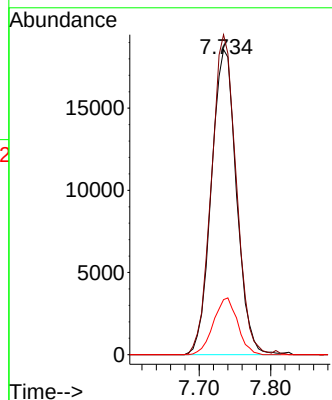
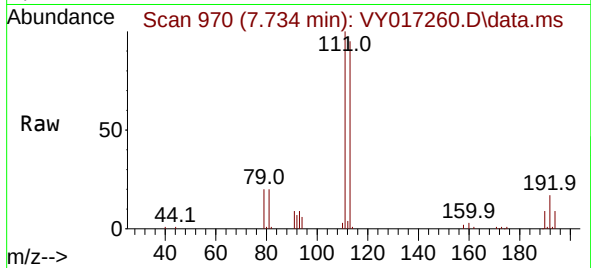




#35
Dibromofluoromethane
Concen: 62.038 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

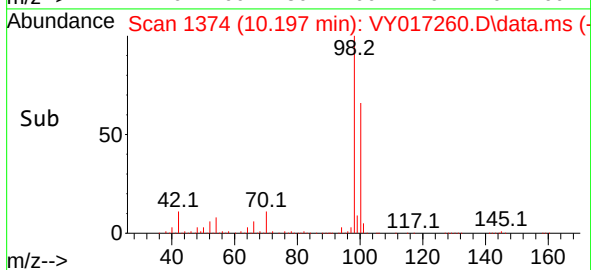
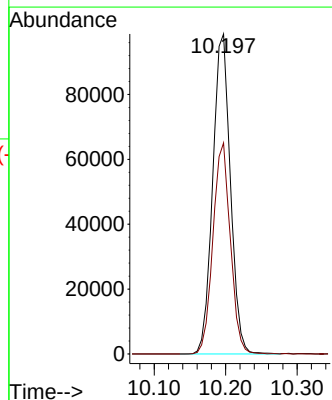
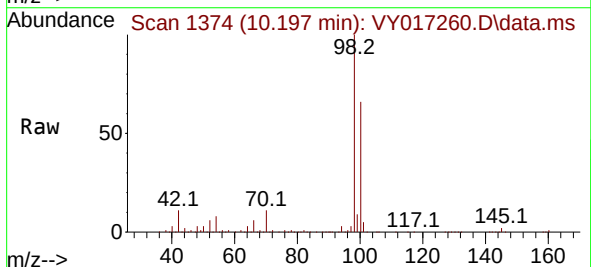
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2RE

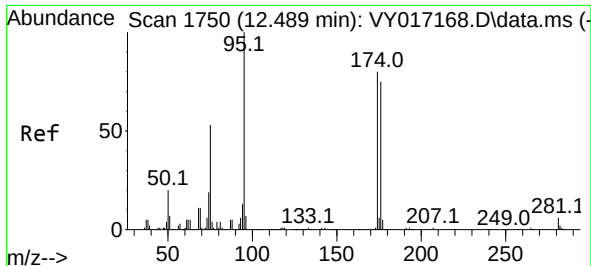
Tgt Ion:113 Resp: 45210
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.9 14.5 21.7



#50
Toluene-d8
Concen: 63.788 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017260.D
Acq: 06 Feb 2024 13:28

Tgt Ion: 98 Resp: 169247
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 54.298 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-2RE

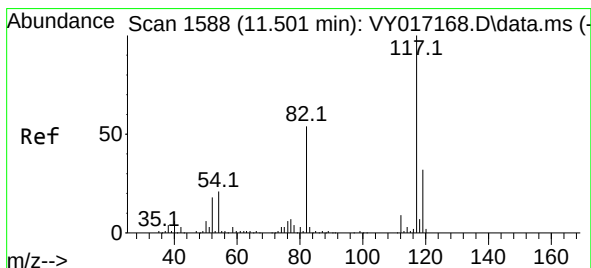
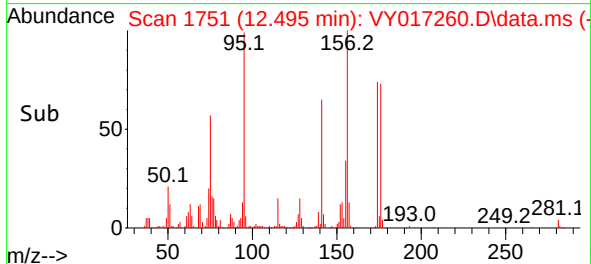
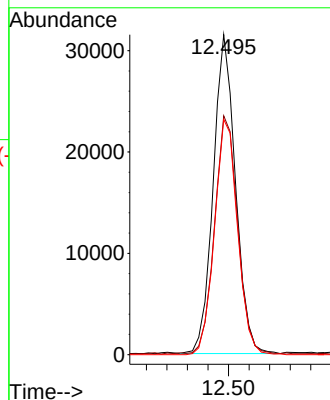
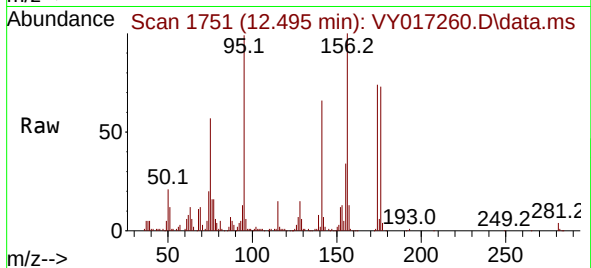
Tgt Ion: 95 Resp: 47194

Ion Ratio Lower Upper

95 100

174 77.2 0.0 160.0

176 76.2 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. 0.006 min

Lab File: VY017260.D

Acq: 06 Feb 2024 13:28

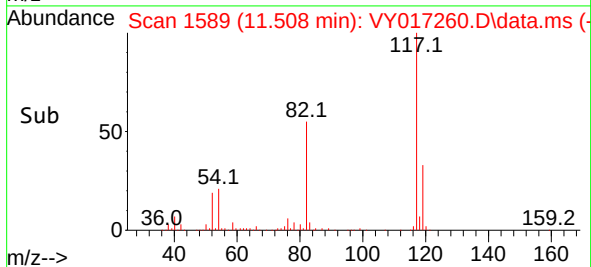
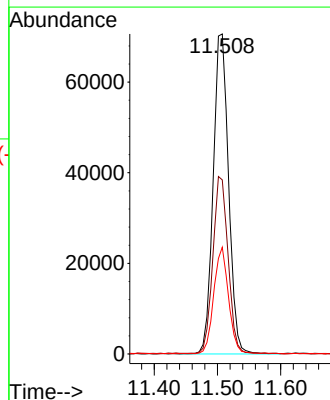
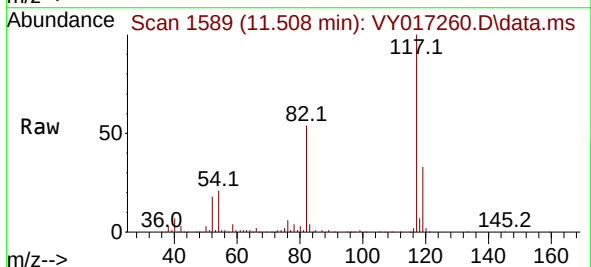
Tgt Ion: 117 Resp: 119692

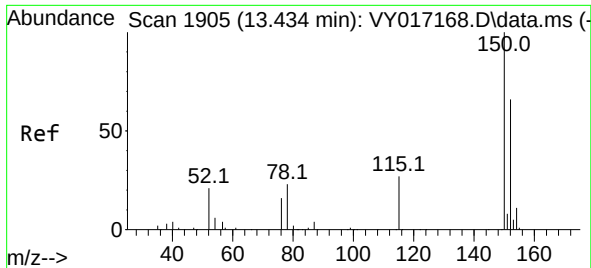
Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

119 33.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017260.D

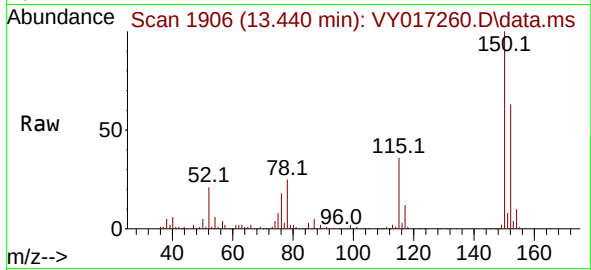
Acq: 06 Feb 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-2RE



Tgt Ion:152 Resp: 39444

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 158.0 0.0 344.6

