

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017192.D
 Acq On : 02 Feb 2024 18:22
 Operator : SY/MD
 Sample : P1297-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-013024

Quant Time: Feb 02 22:33:36 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)

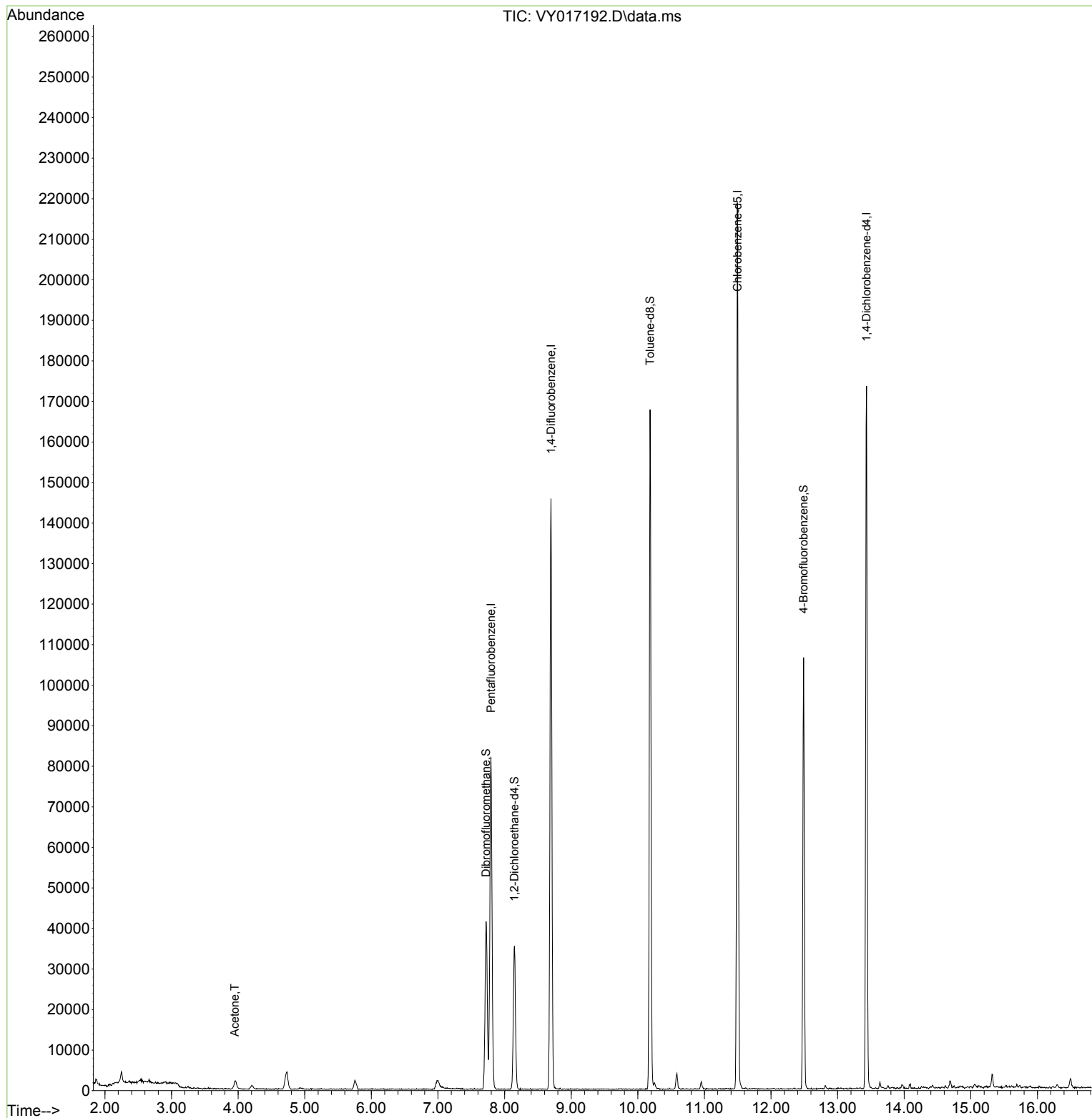
Internal Standards						
1) Pentafluorobenzene	7.795	168	62552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	124975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	118684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	44052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	27069	48.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.722	113	29441	43.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.260%
50) Toluene-d8	10.185	98	109162	44.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.489	95	32197	40.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.020%
Target Compounds						Qvalue
16) Acetone	3.948	43	3957	24.093	ug/l	94

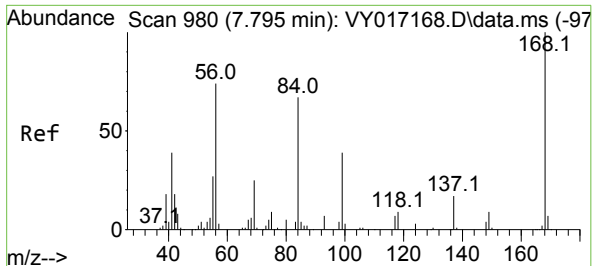
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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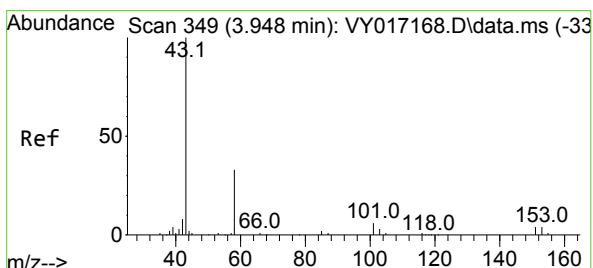
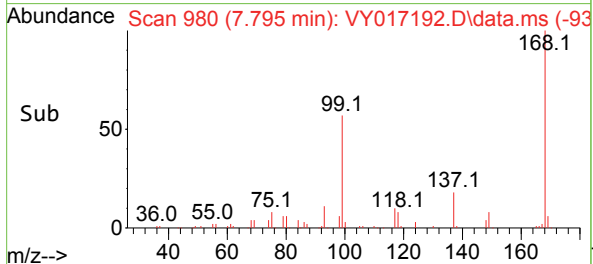
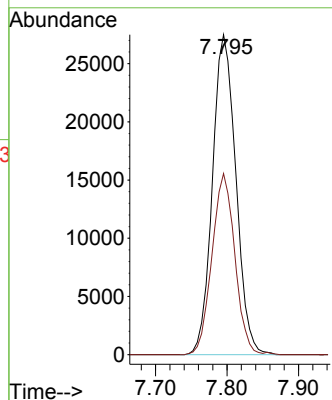
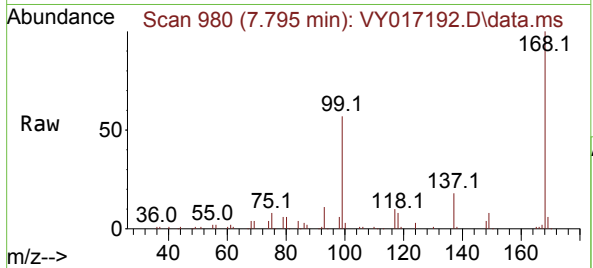




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

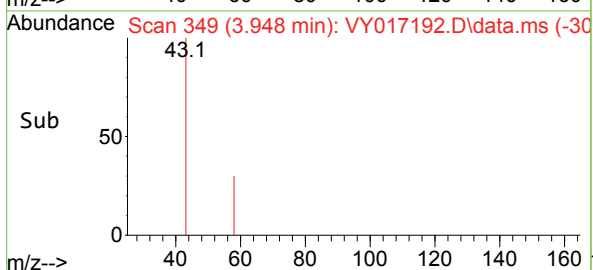
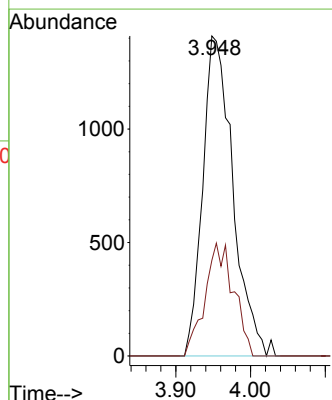
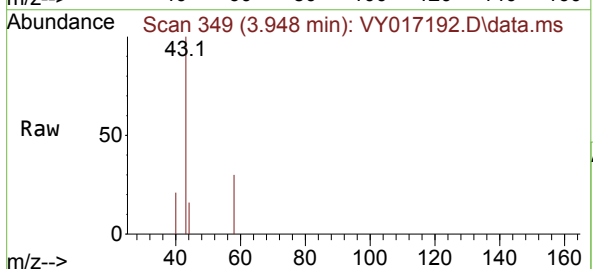
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

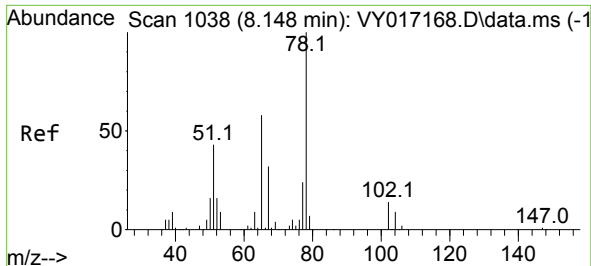
Tgt Ion:168 Resp: 62552
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#16
Acetone
Concen: 24.093 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 43 Resp: 3957
Ion Ratio Lower Upper
43 100
58 29.9 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 48.441 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017192.D

Acq: 02 Feb 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

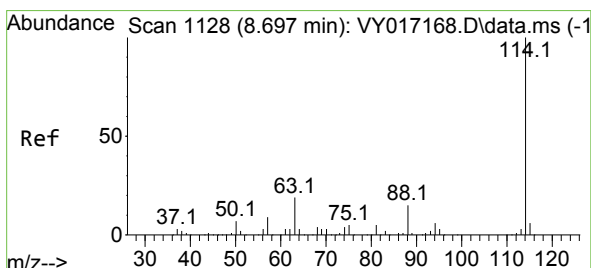
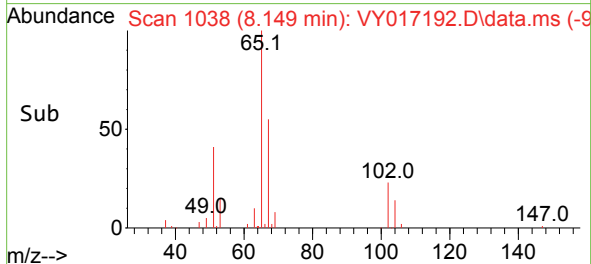
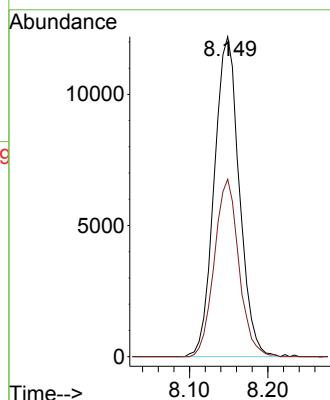
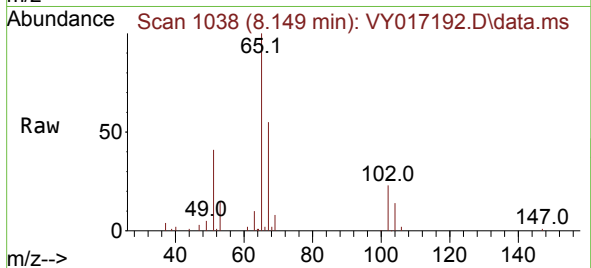
TR-05-013024

Tgt Ion: 65 Resp: 27069

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017192.D

Acq: 02 Feb 2024 18:22

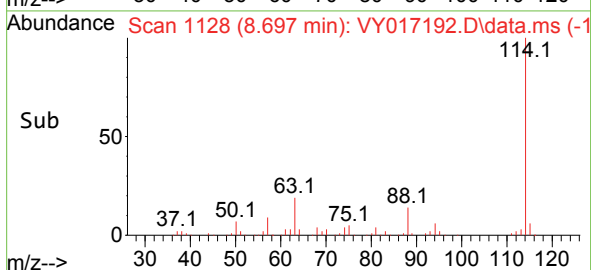
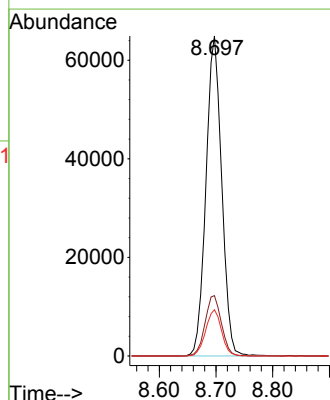
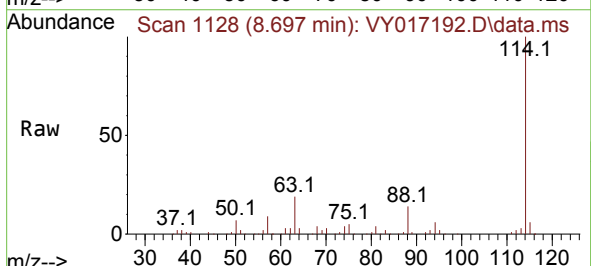
Tgt Ion: 114 Resp: 124975

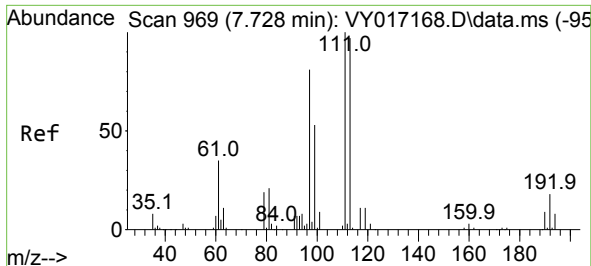
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.5 0.0 29.0

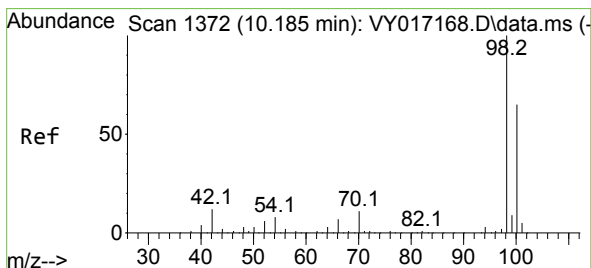
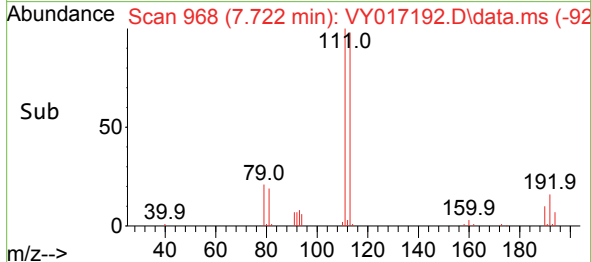
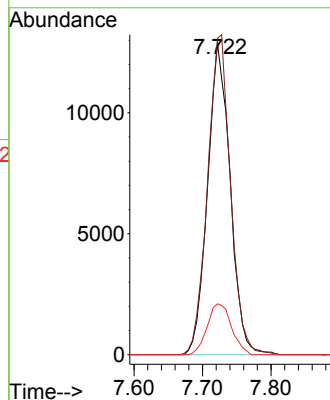
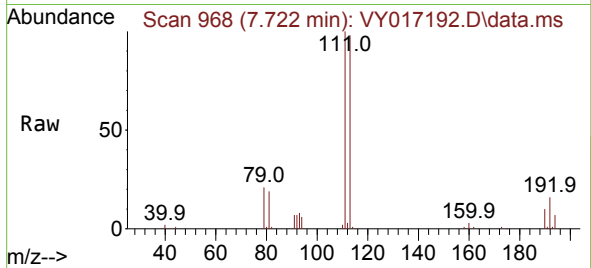




#35
 Dibromofluoromethane
 Concen: 43.630 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY017192.D
 Acq: 02 Feb 2024 18:22

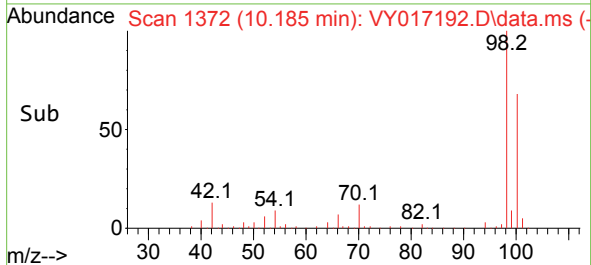
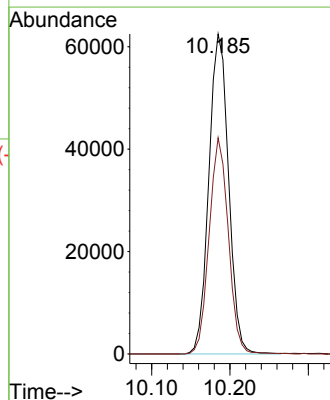
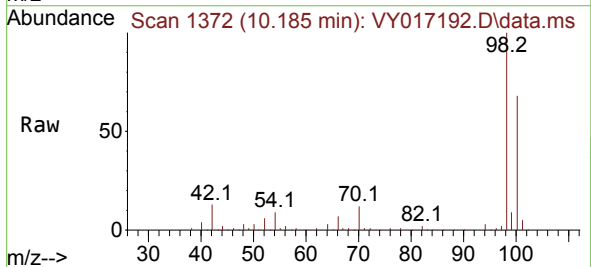
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-013024

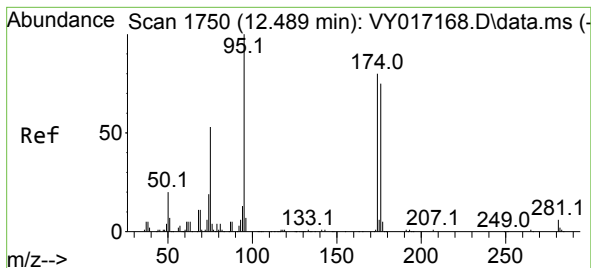
Tgt Ion:113 Resp: 29441
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.8 125.6
 192 17.5 14.5 21.7



#50
 Toluene-d8
 Concen: 44.432 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY017192.D
 Acq: 02 Feb 2024 18:22

Tgt Ion: 98 Resp: 109162
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 40.005 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017192.D

Acq: 02 Feb 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-013024

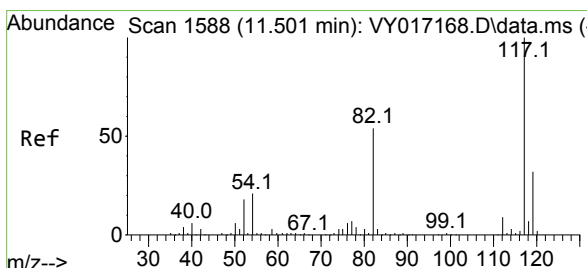
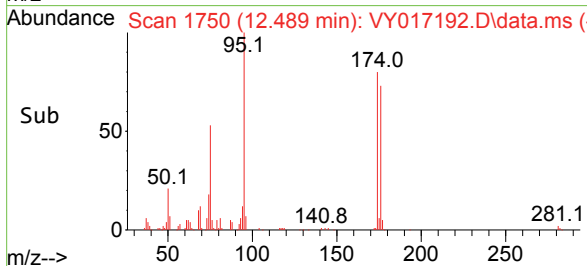
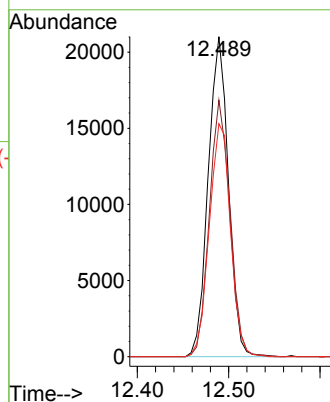
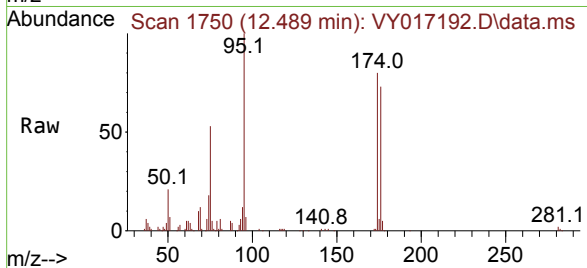
Tgt Ion: 95 Resp: 32197

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.0

176 76.6 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY017192.D

Acq: 02 Feb 2024 18:22

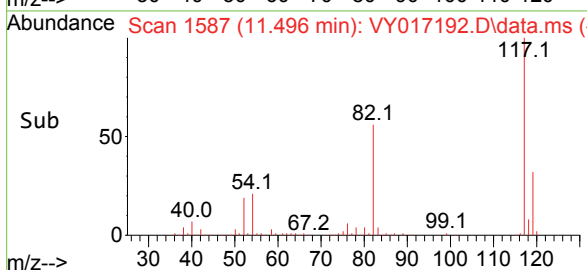
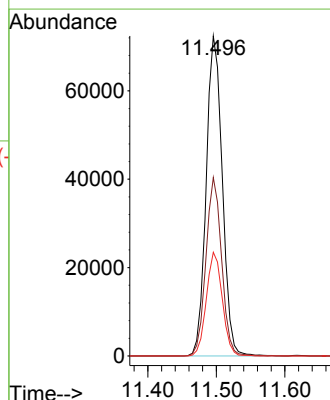
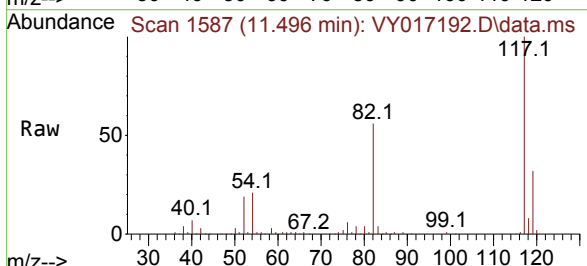
Tgt Ion: 117 Resp: 118684

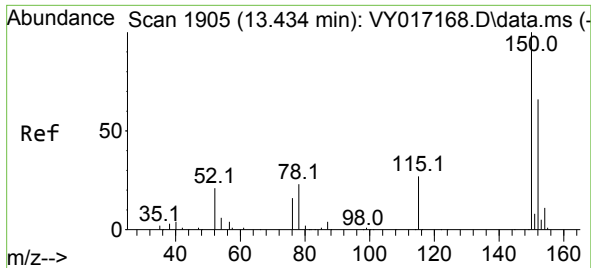
Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

119 32.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017192.D

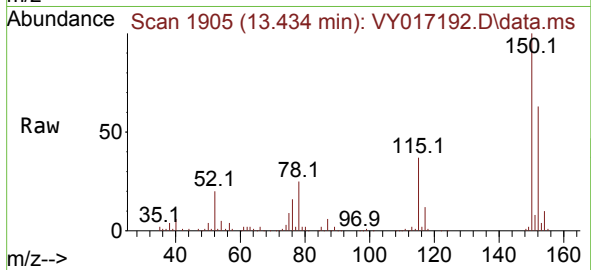
Acq: 02 Feb 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-013024



Tgt Ion:152 Resp: 44052

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 159.5 0.0 344.6

