

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017999.D
 Acq On : 19 Apr 2024 15:22
 Operator : SY/MD
 Sample : P2187-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027

Quant Time: Apr 19 23:25:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

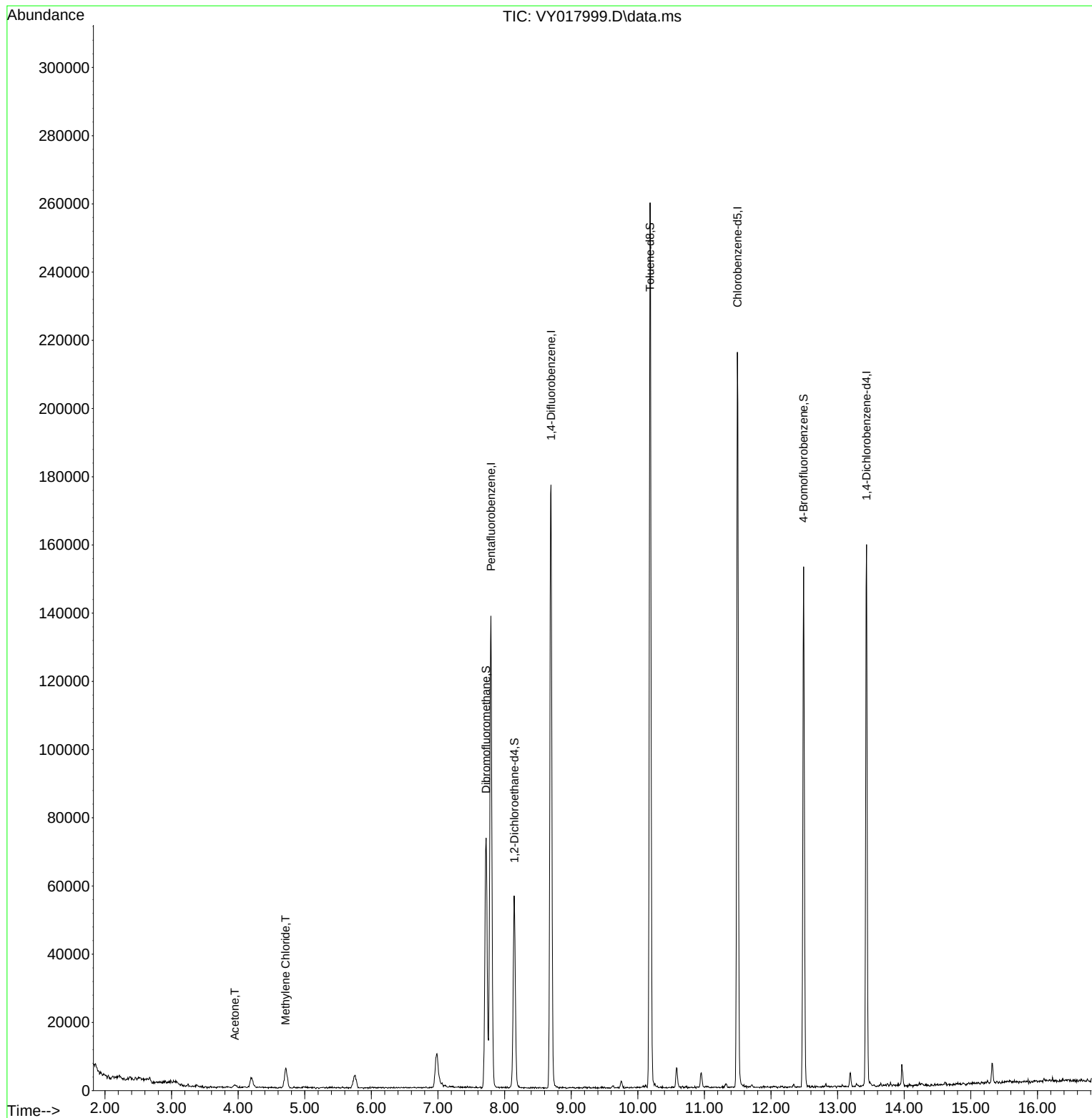
Internal Standards						
1) Pentafluorobenzene	7.795	168	118774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	168862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	46470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	41956	40.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.640%
35) Dibromofluoromethane	7.722	113	53891	51.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.185	98	182735	46.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.489	95	43210	35.295	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.580%
Target Compounds						
16) Acetone	3.948	43	1413	6.958	ug/l	92
20) Methylene Chloride	4.710	84	4776	3.471	ug/l	91

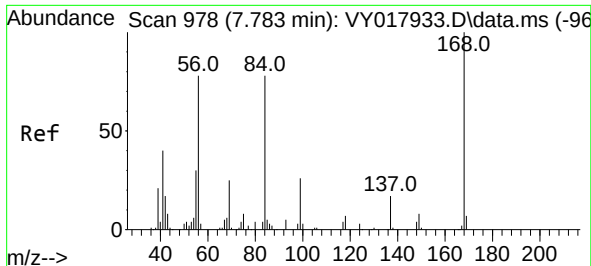
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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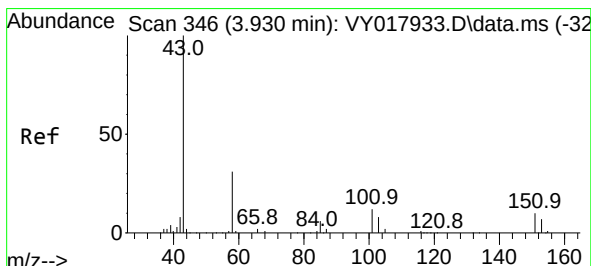
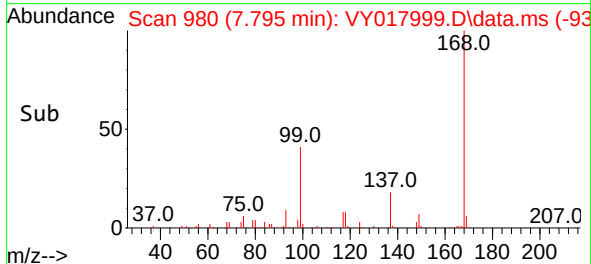
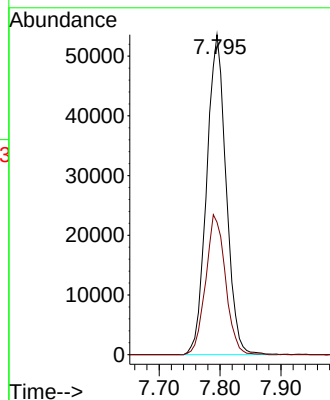
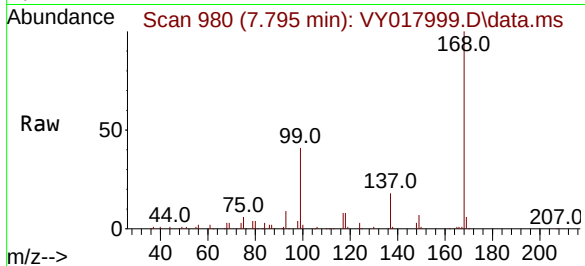




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

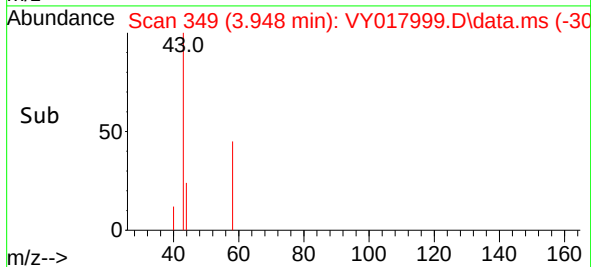
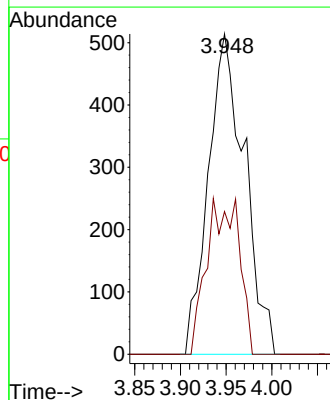
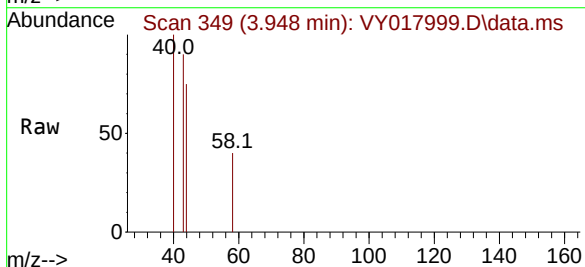
Instrument :
MSVOA_Y
ClientSampleId :
RBR200027

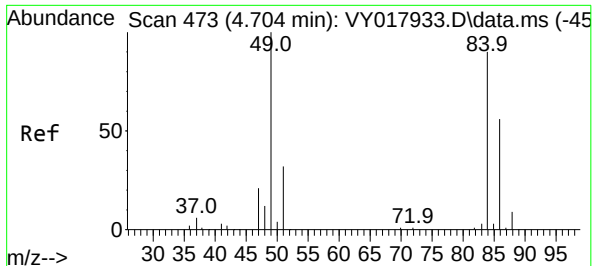
Tgt Ion:168 Resp: 118774
Ion Ratio Lower Upper
168 100
99 41.4 39.1 58.7



#16
Acetone
Concen: 6.958 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 44.6 31.7 47.5





#20

Methylene Chloride

Concen: 3.471 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

RBR200027

Tgt Ion: 84 Resp: 4776

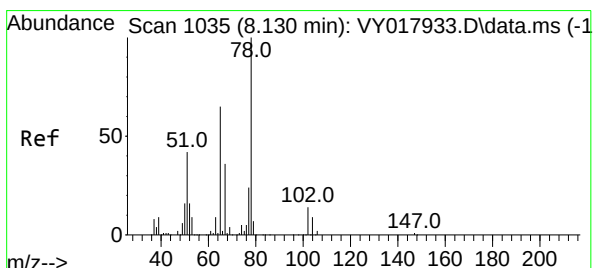
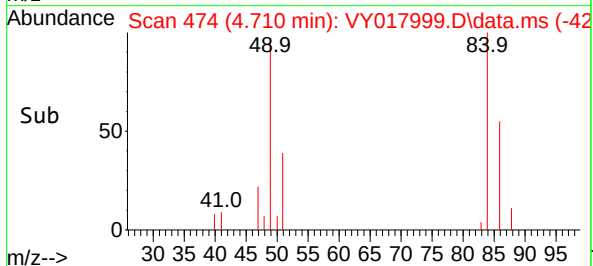
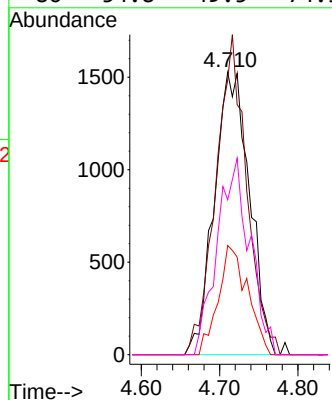
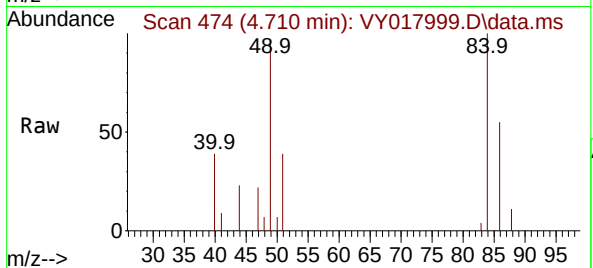
Ion Ratio Lower Upper

84 100

49 97.4 84.4 126.6

51 38.7 26.0 39.0

86 54.8 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 40.820 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY017999.D

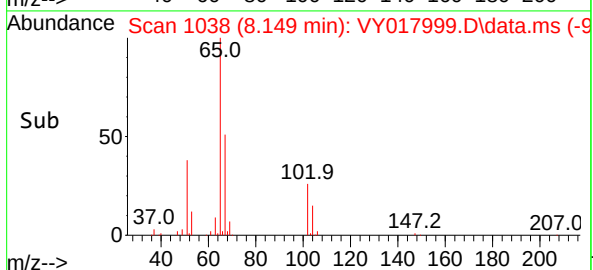
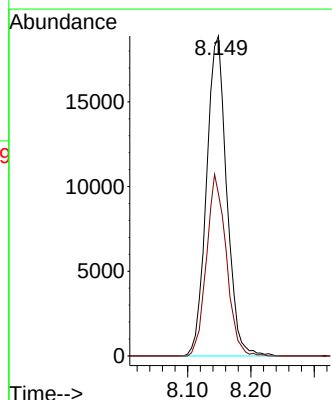
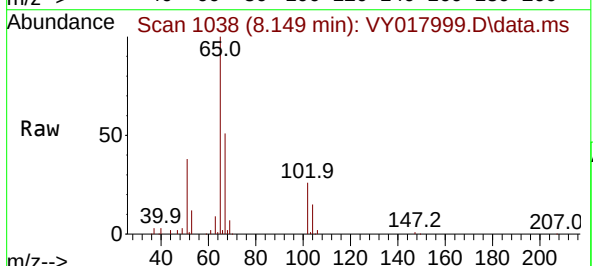
Acq: 19 Apr 2024 15:22

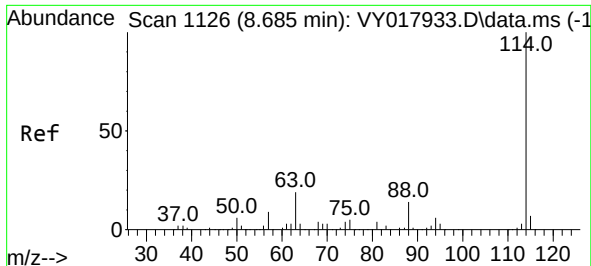
Tgt Ion: 65 Resp: 41956

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

RBR200027

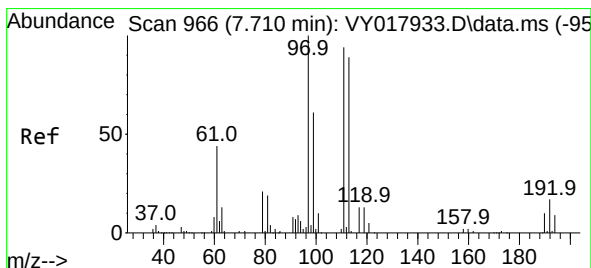
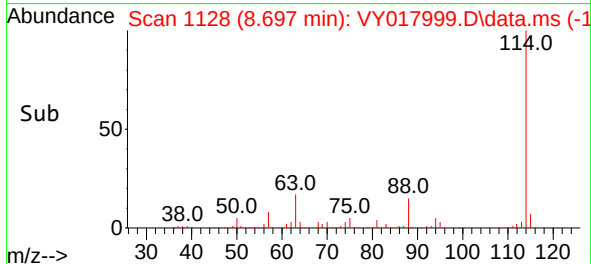
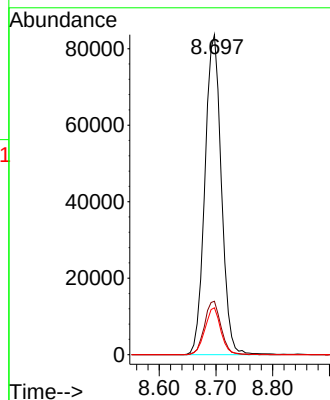
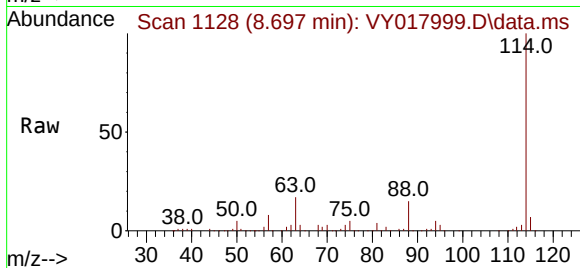
Tgt Ion:114 Resp: 168862

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.730 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

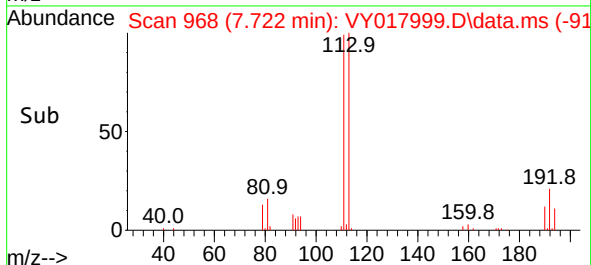
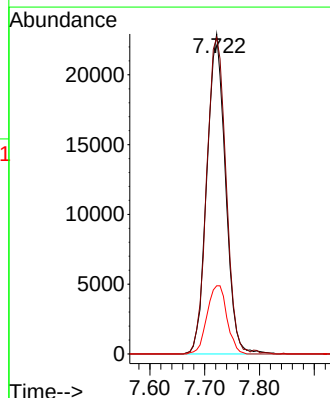
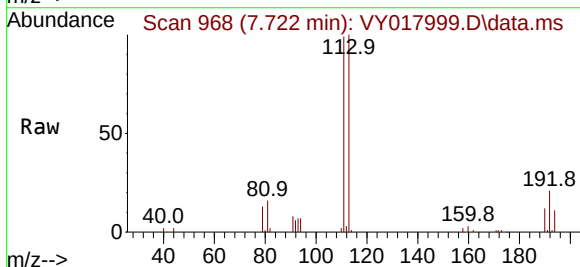
Tgt Ion:113 Resp: 53891

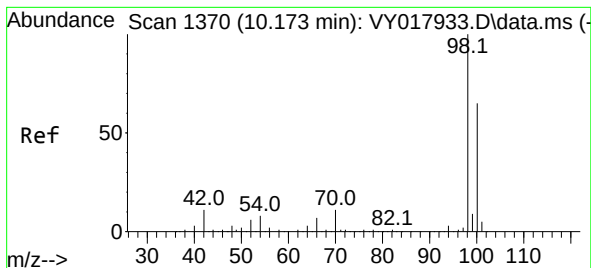
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 22.8 15.9 23.9





#50

Toluene-d8

Concen: 46.227 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

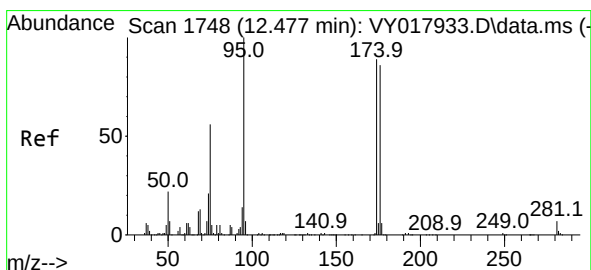
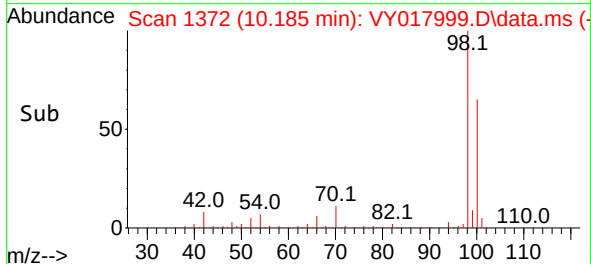
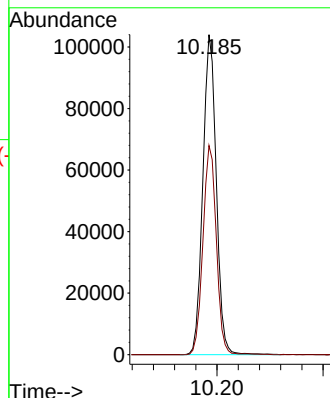
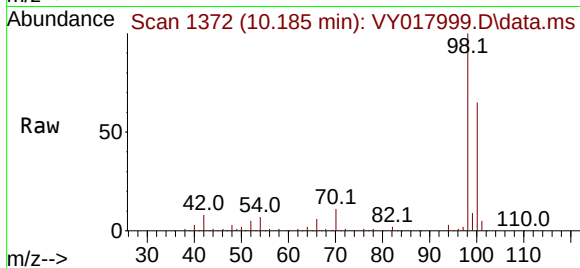
RBR200027

Tgt Ion: 98 Resp: 182735

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.295 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

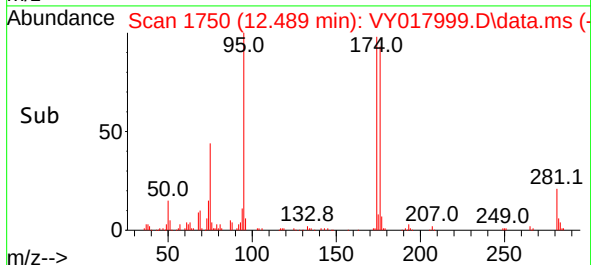
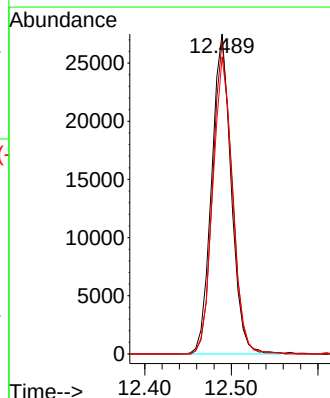
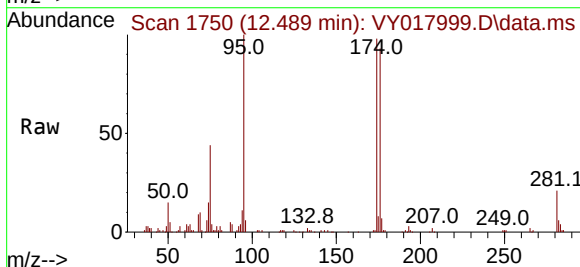
Tgt Ion: 95 Resp: 43210

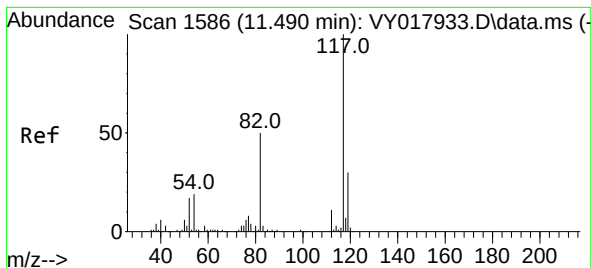
Ion Ratio Lower Upper

95 100

174 96.7 0.0 175.6

176 93.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

RBR200027

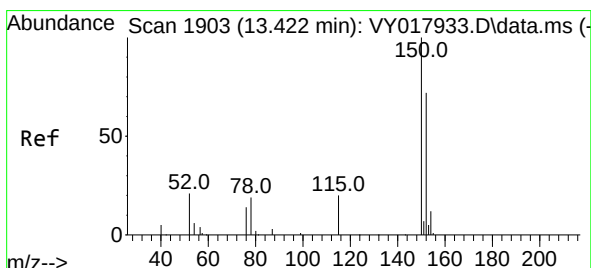
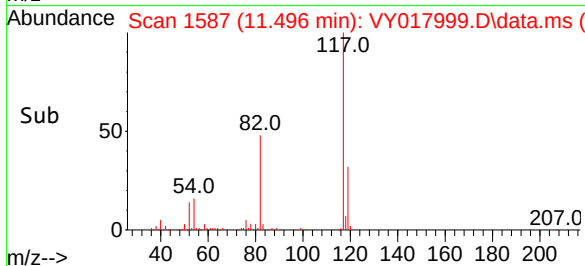
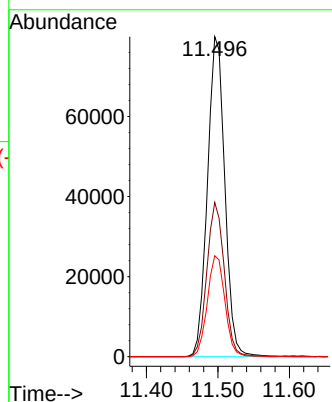
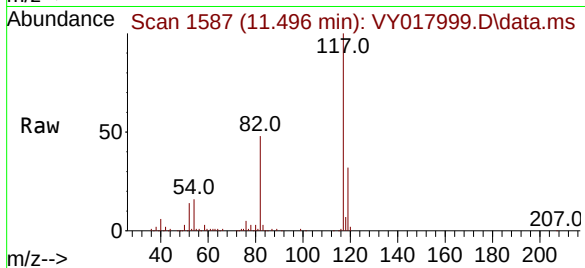
Tgt Ion:117 Resp: 134955

Ion Ratio Lower Upper

117 100

82 48.2 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. 0.006 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

Tgt Ion:152 Resp: 46470

Ion Ratio Lower Upper

152 100

115 51.6 28.2 84.7

150 156.5 0.0 345.6

