

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017831.D
 Acq On : 03 Apr 2024 13:25
 Operator : SY/MD
 Sample : P1956-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200010

Quant Time: Apr 04 01:10:59 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	7.807	168	145921	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	271285	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	256581	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	102540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86482	68.489	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.980%	
35) Dibromofluoromethane	7.734	113	89100	56.838	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.680%	
50) Toluene-d8	10.197	98	334703	57.159	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.320%	
62) 4-Bromofluorobenzene	12.496	95	98607	55.348	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.700%	

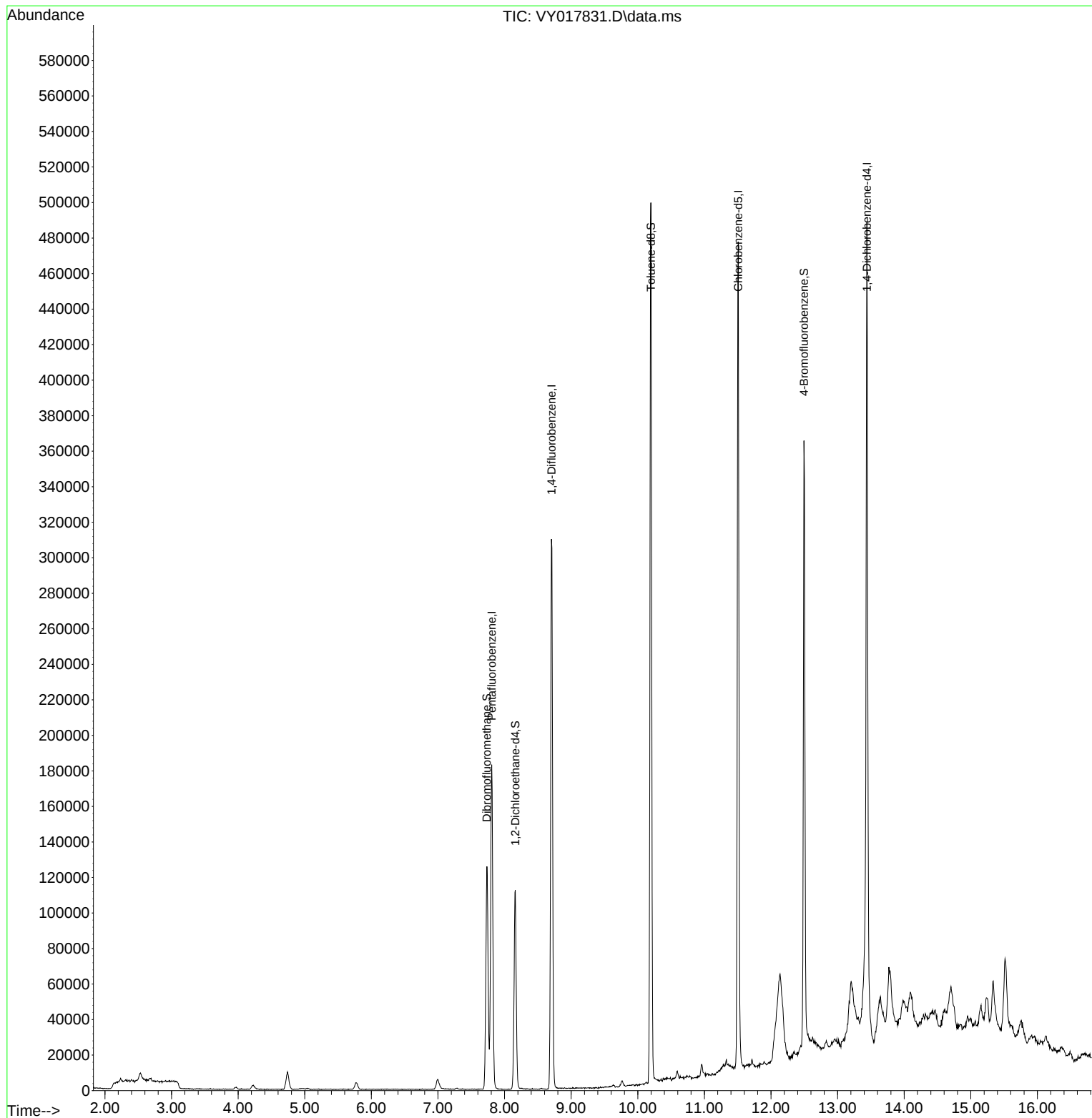
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
Data File : VY017831.D
Acq On : 03 Apr 2024 13:25
Operator : SY/MD
Sample : P1956-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR200010

Quant Time: Apr 04 01:10:59 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

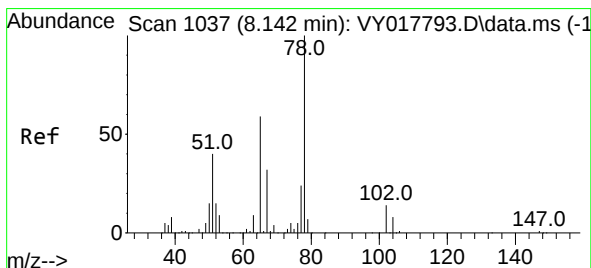
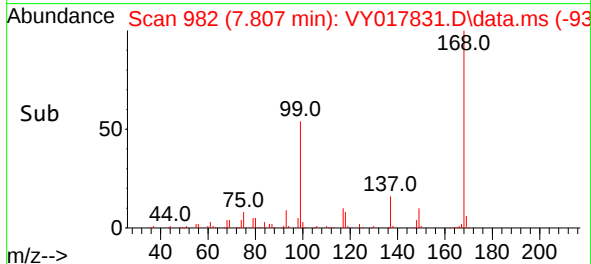
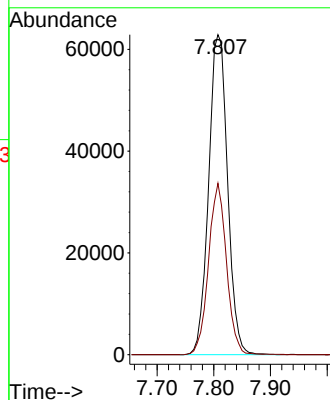
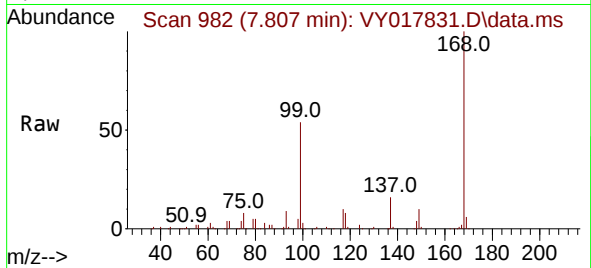




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

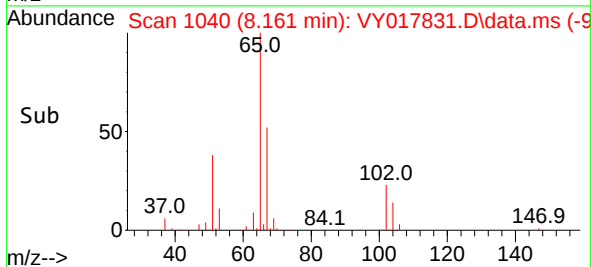
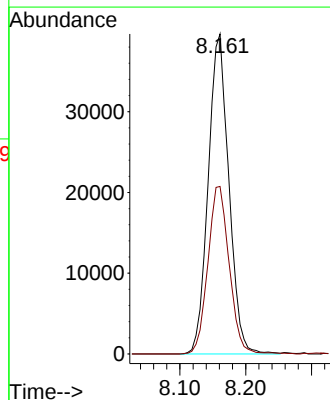
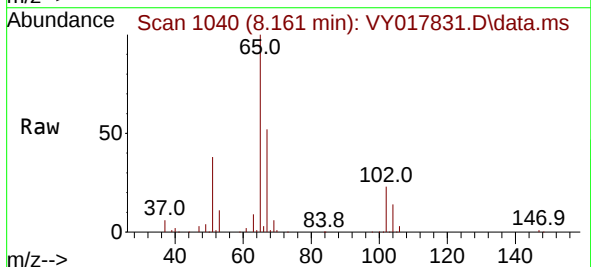
Instrument :
MSVOA_Y
ClientSampleId :
RBR200010

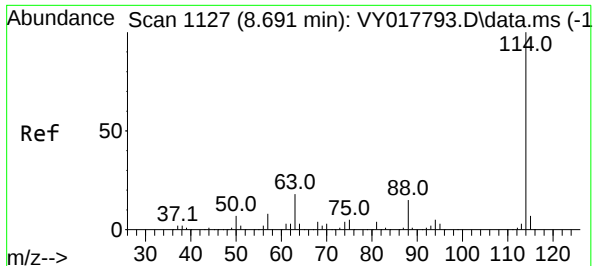
Tgt Ion:168 Resp: 145921
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 68.489 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017831.D
Acq: 03 Apr 2024 13:25

Tgt Ion: 65 Resp: 86482
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR200010

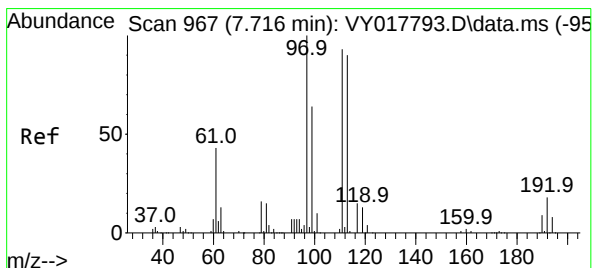
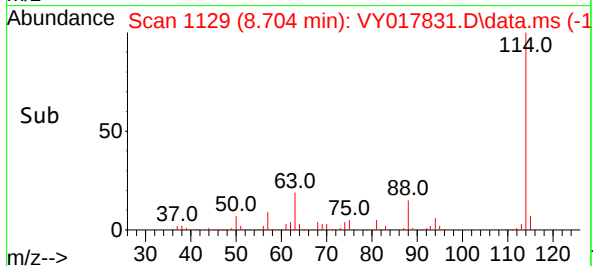
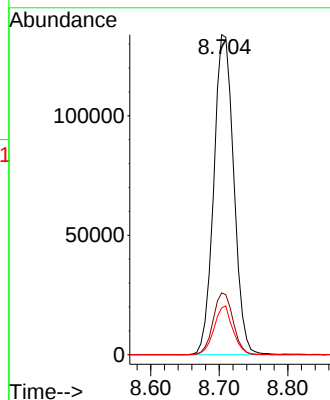
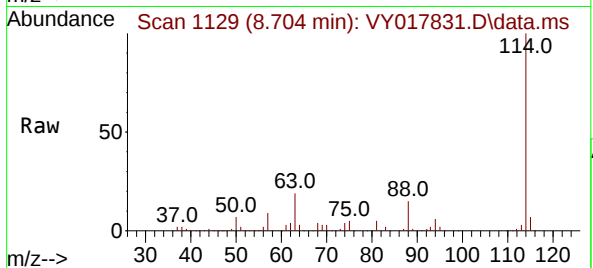
Tgt Ion:114 Resp: 271285

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.838 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

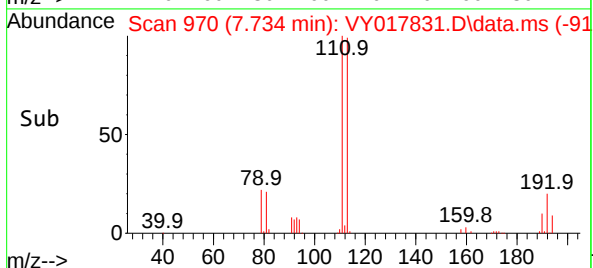
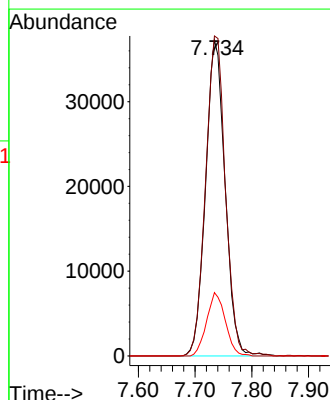
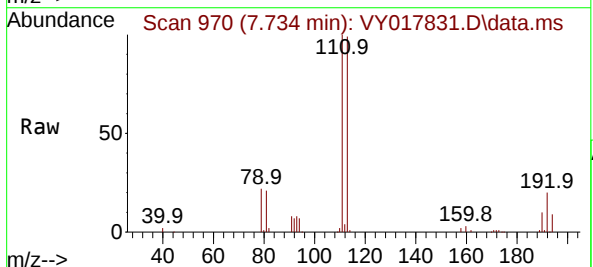
Tgt Ion:113 Resp: 89100

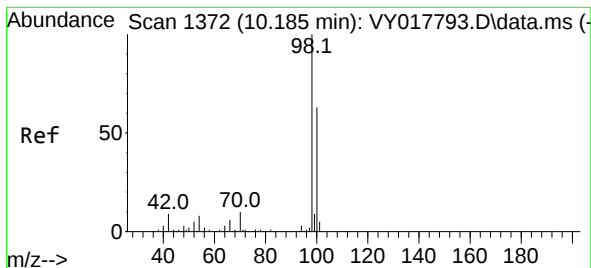
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 19.2 15.9 23.9





#50

Toluene-d8

Concen: 57.159 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

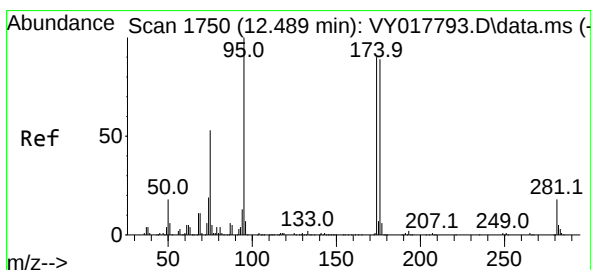
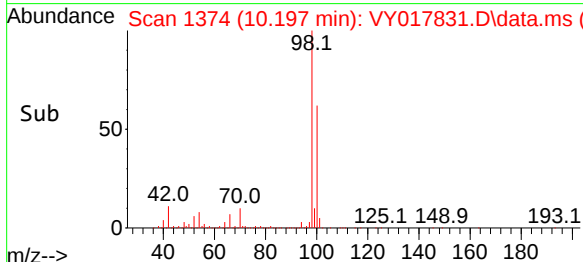
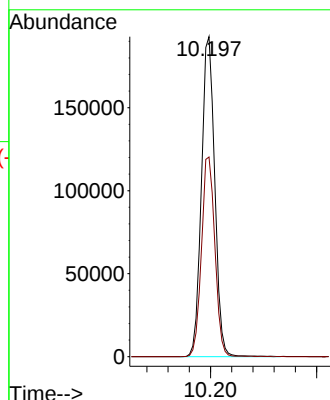
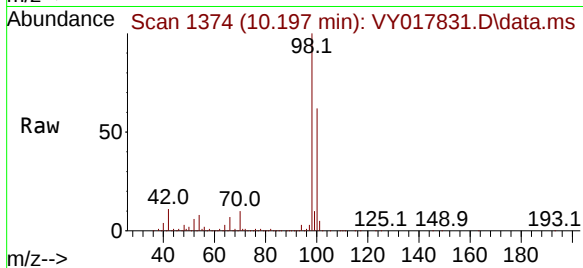
RBR200010

Tgt Ion: 98 Resp: 334703

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 55.348 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

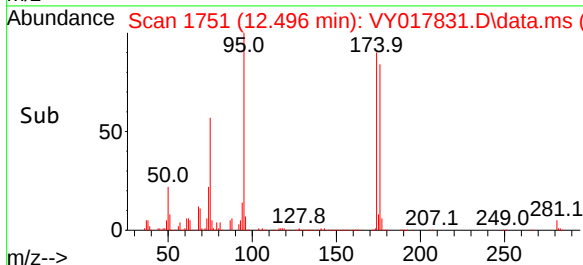
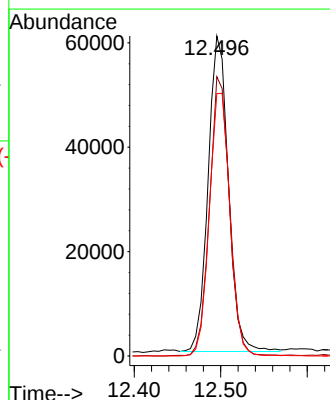
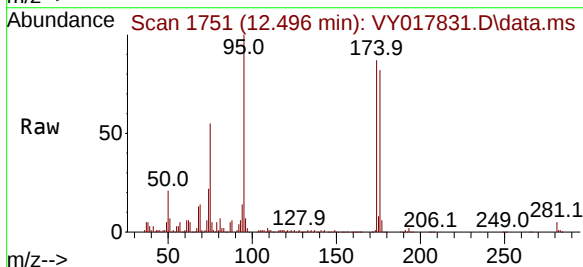
Tgt Ion: 95 Resp: 98607

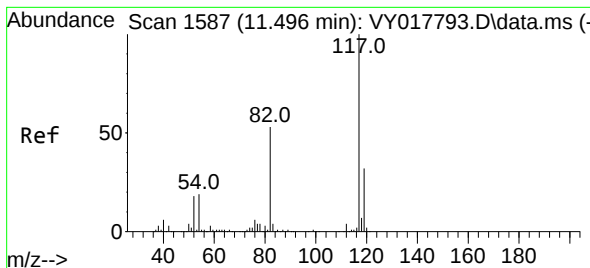
Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

176 84.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

RBR200010

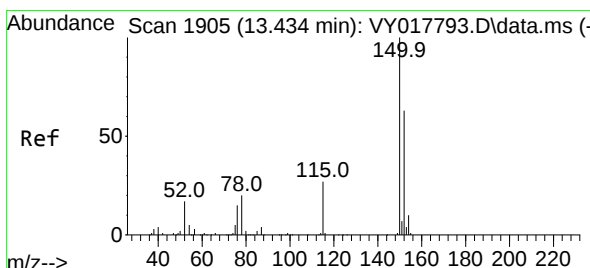
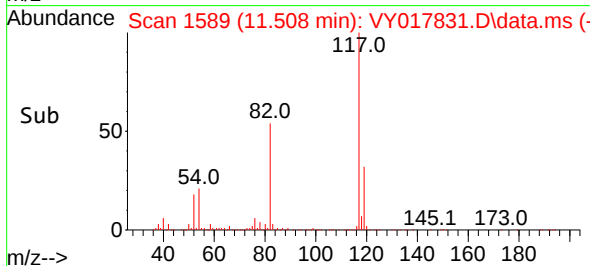
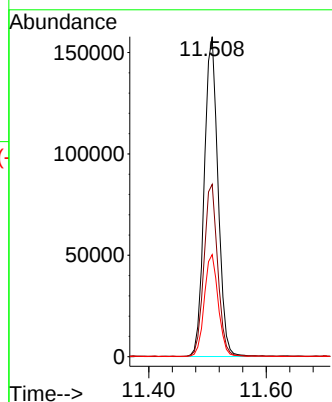
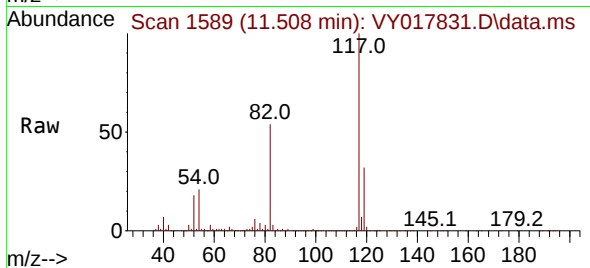
Tgt Ion:117 Resp: 256581

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017831.D

Acq: 03 Apr 2024 13:25

Tgt Ion:152 Resp: 102540

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 151.8 0.0 345.6

