

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015154.D
 Acq On : 16 Aug 2023 16:52
 Operator : SY/MD
 Sample : 04022-04
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Quant Time: Aug 17 05:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

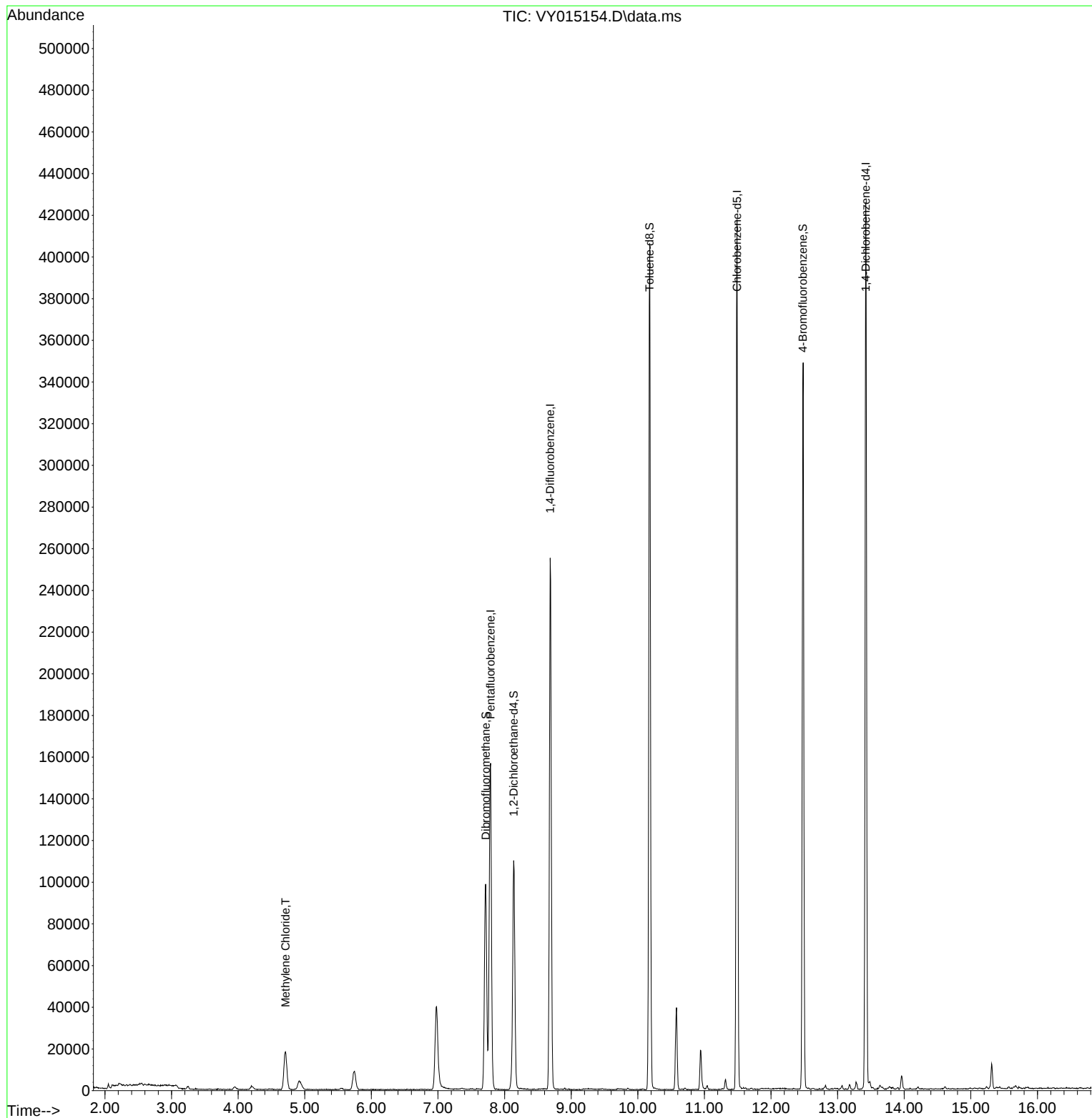
Internal Standards						
1) Pentafluorobenzene	7.789	168	125304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84507	56.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.360%
35) Dibromofluoromethane	7.716	113	70268	50.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.179	98	266335	51.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.477	95	98957	52.095	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.180%
Target Compounds						
20) Methylene Chloride	4.710	84	14660	8.891	ug/l	85

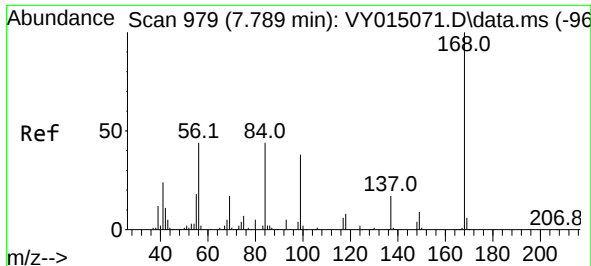
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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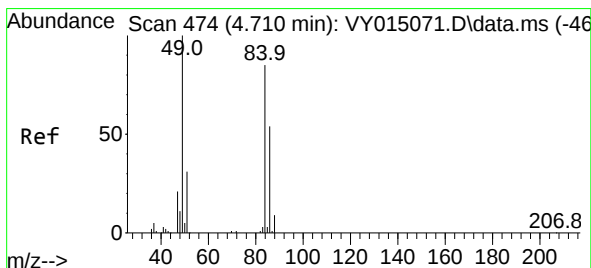
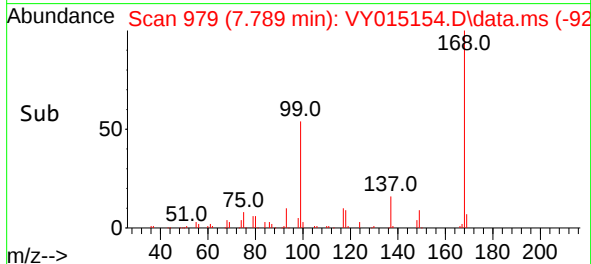
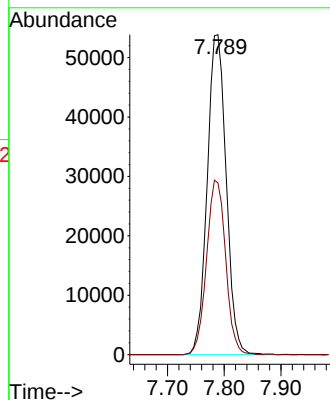
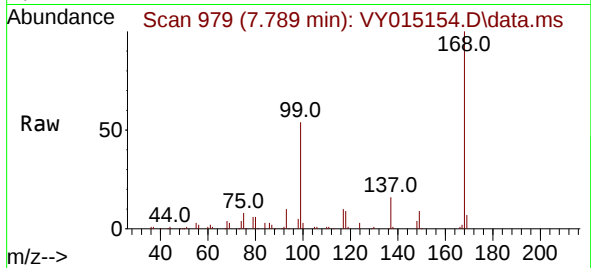




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015154.D
Acq: 16 Aug 2023 16:52

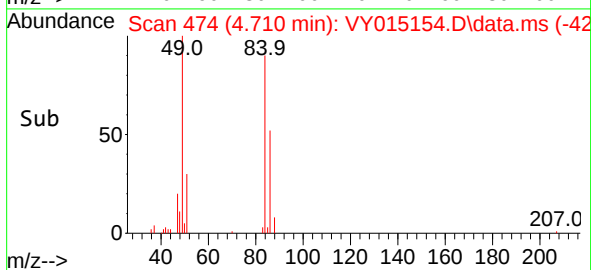
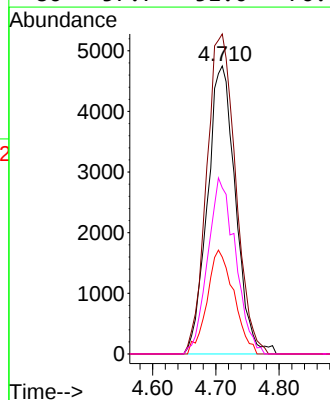
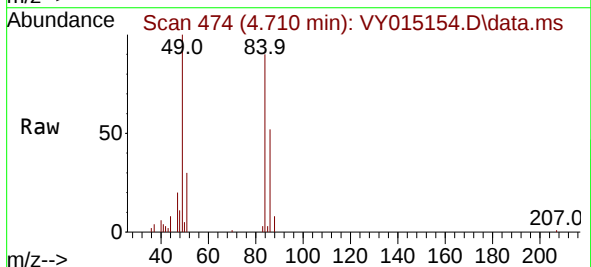
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

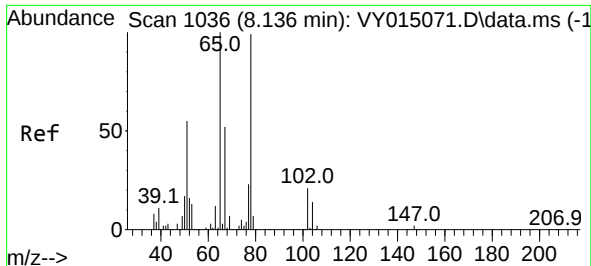
Tgt Ion:168 Resp: 125304
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 8.891 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015154.D
Acq: 16 Aug 2023 16:52

Tgt Ion: 84 Resp: 14660
Ion Ratio Lower Upper
84 100
49 111.1 106.9 160.3
51 33.6 33.2 49.8
86 57.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.182 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015154.D

Acq: 16 Aug 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

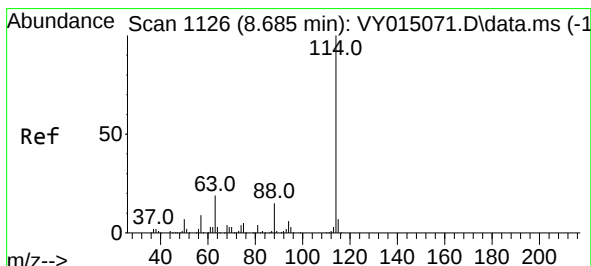
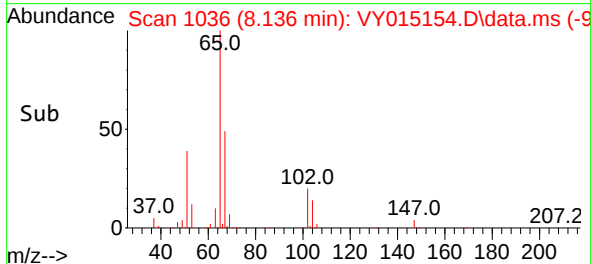
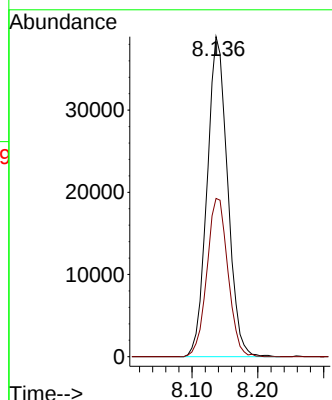
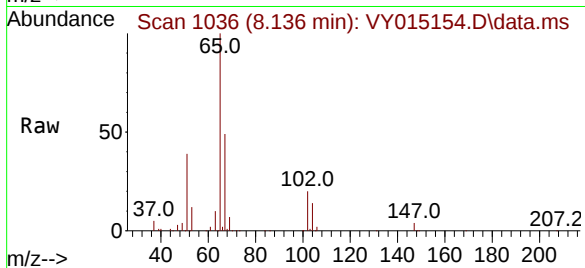
TP-15

Tgt Ion: 65 Resp: 84507

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015154.D

Acq: 16 Aug 2023 16:52

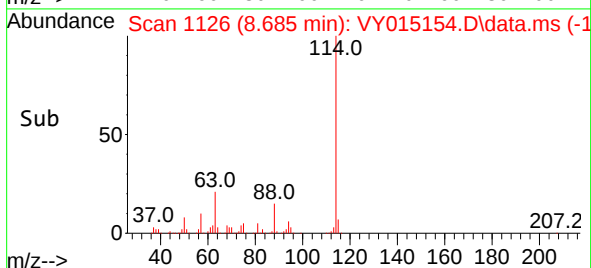
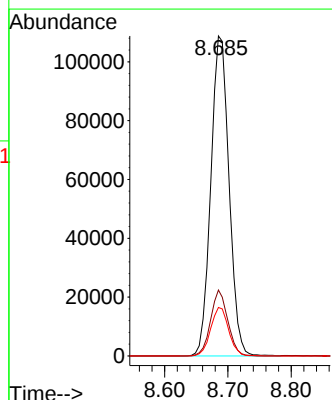
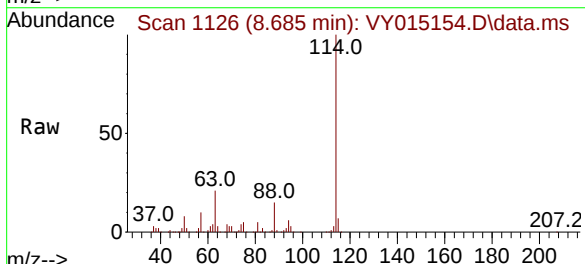
Tgt Ion: 114 Resp: 217163

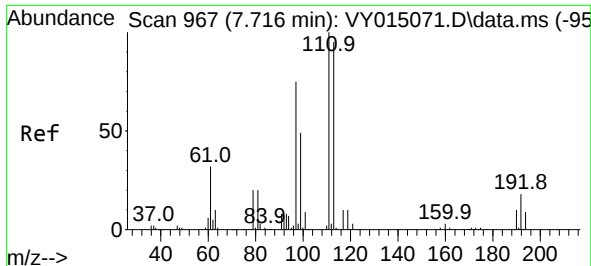
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.1 0.0 30.6

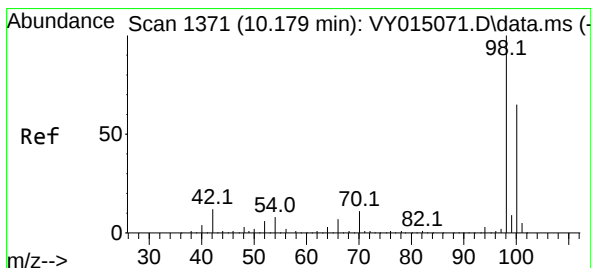
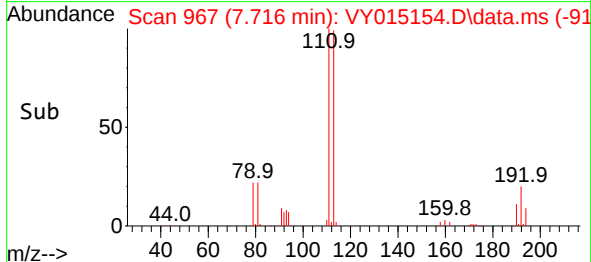
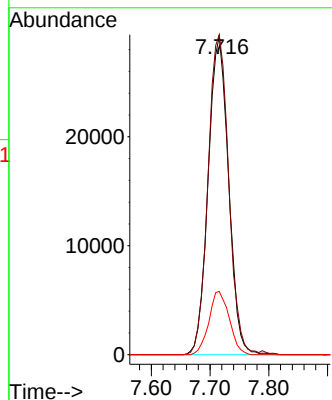
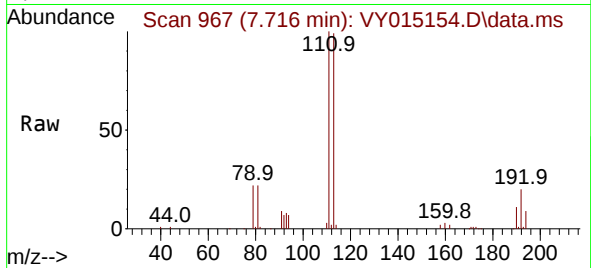




#35
Dibromofluoromethane
Concen: 50.296 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015154.D
Acq: 16 Aug 2023 16:52

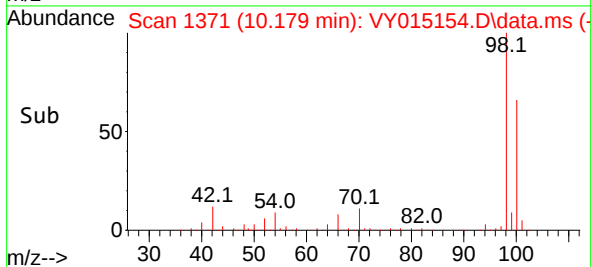
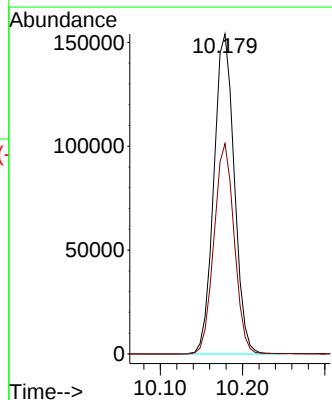
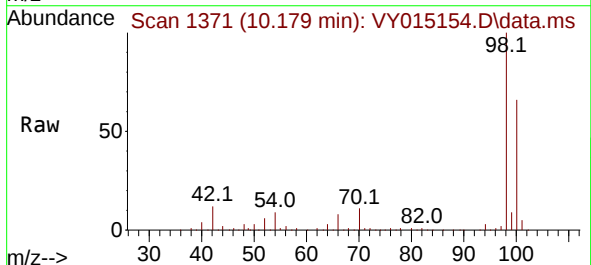
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

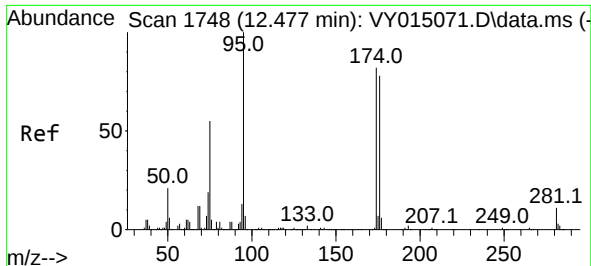
Tgt Ion:113 Resp: 70268
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 51.211 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015154.D
Acq: 16 Aug 2023 16:52

Tgt Ion: 98 Resp: 266335
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 52.095 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015154.D

Acq: 16 Aug 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-15

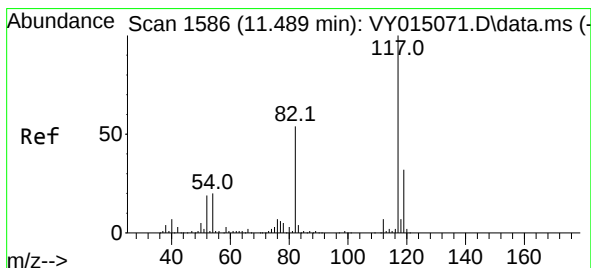
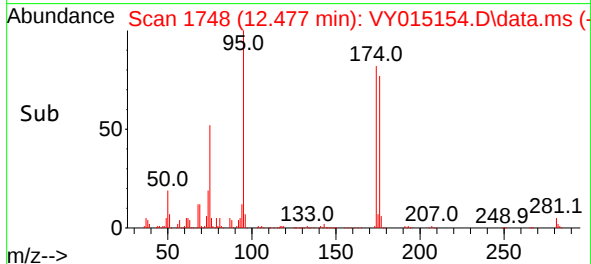
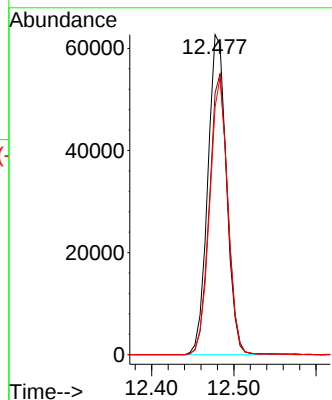
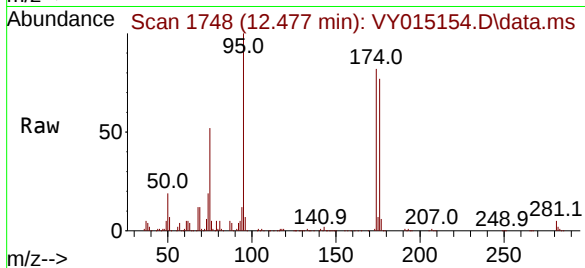
Tgt Ion: 95 Resp: 98957

Ion Ratio Lower Upper

95 100

174 86.1 0.0 178.2

176 83.9 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015154.D

Acq: 16 Aug 2023 16:52

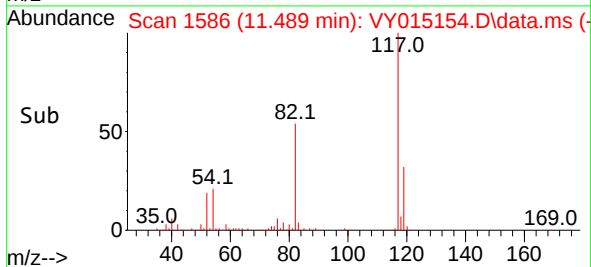
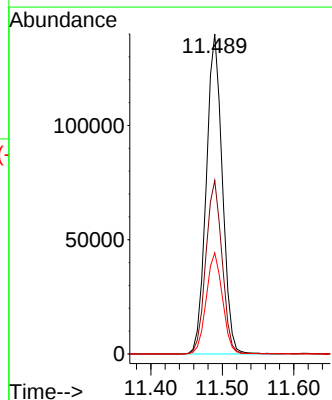
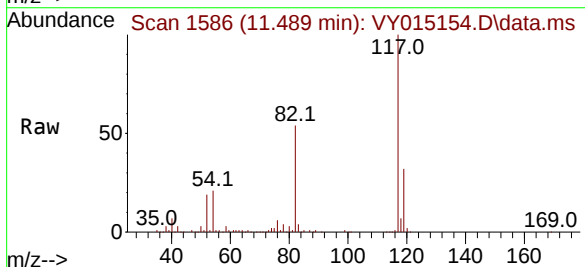
Tgt Ion: 117 Resp: 218528

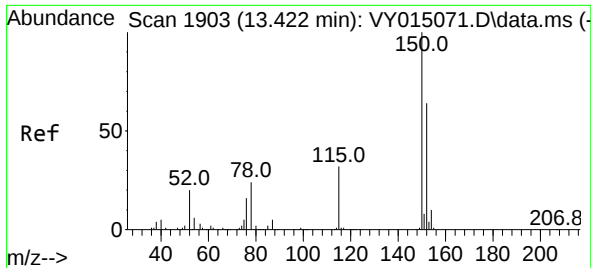
Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015154.D

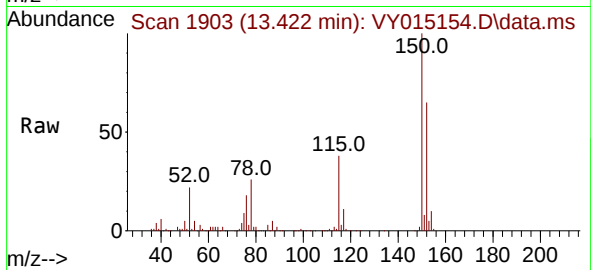
Acq: 16 Aug 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-15



Tgt Ion:152 Resp: 109905

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.5 0.0 348.8

