

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013346.D
 Acq On : 19 Apr 2023 15:32
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 20 06:56:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	198377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135090	56.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.320%
35) Dibromofluoromethane	7.716	113	121070	55.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.620%
50) Toluene-d8	10.179	98	413573	50.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.477	95	132240	49.952	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.900%

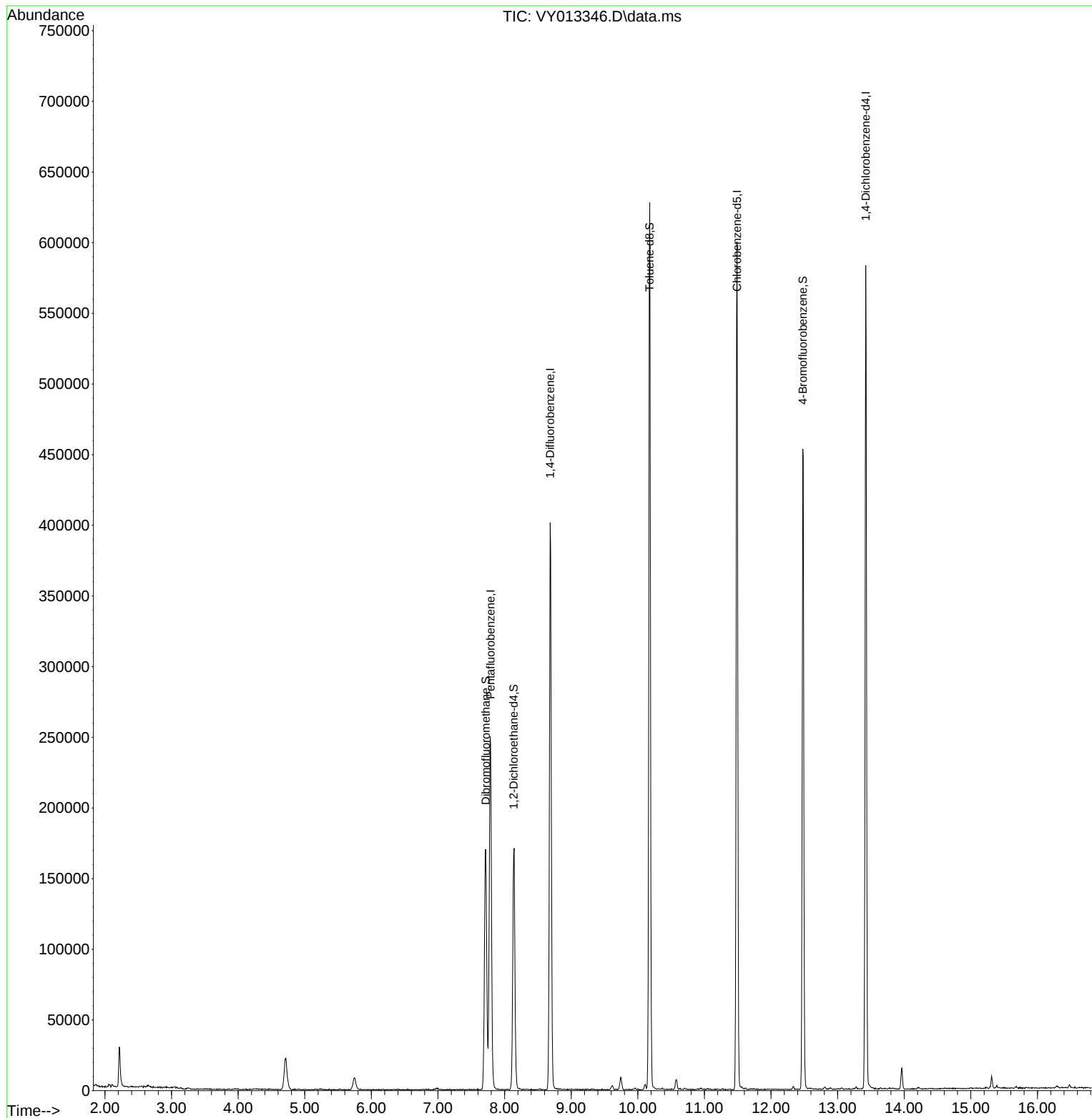
Target Compounds	Qvalue

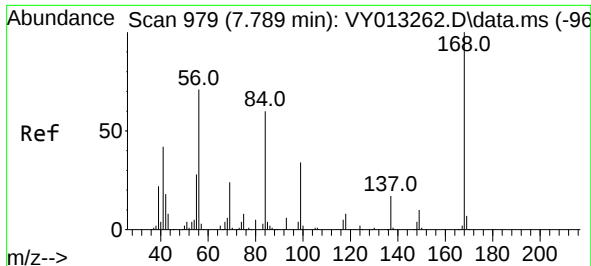
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
Data File : VY013346.D
Acq On : 19 Apr 2023 15:32
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Apr 20 06:56:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

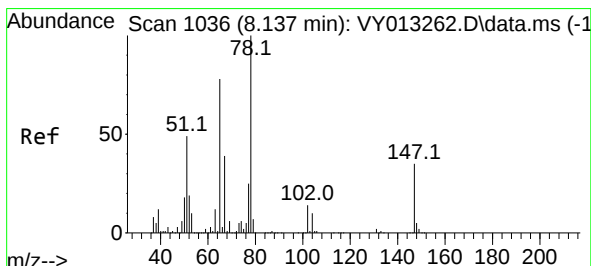
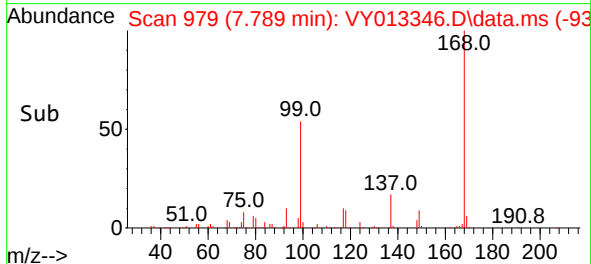
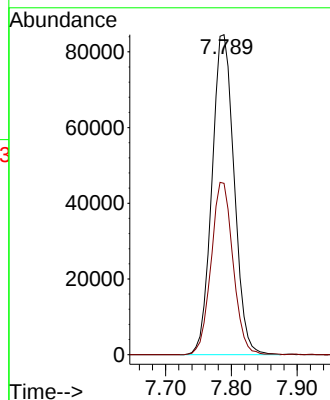
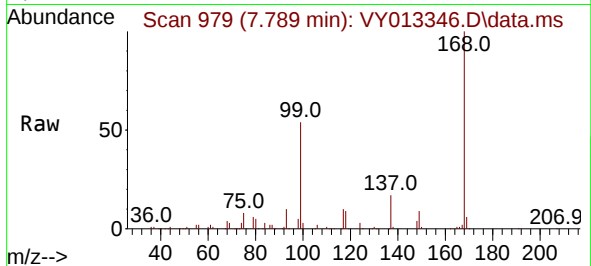




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

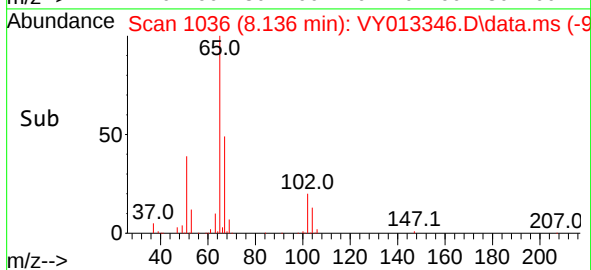
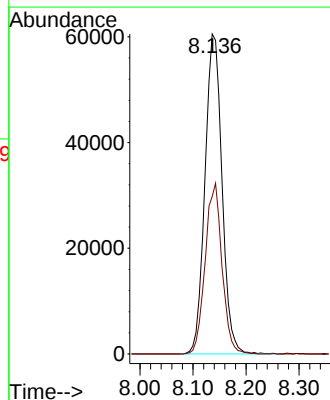
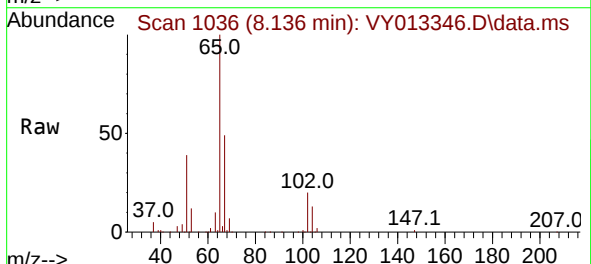
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

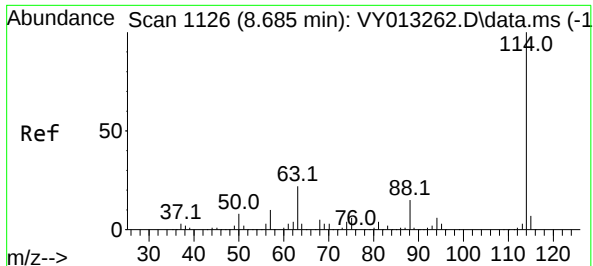
Tgt Ion:168 Resp: 198377
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 56.664 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Tgt Ion: 65 Resp: 135090
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013346.D

Acq: 19 Apr 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

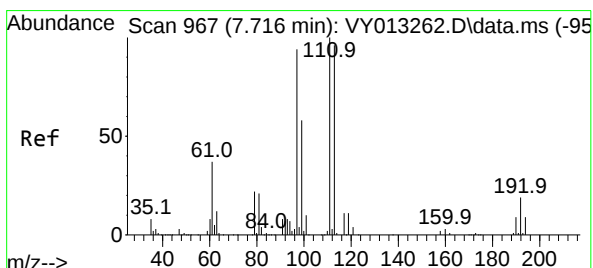
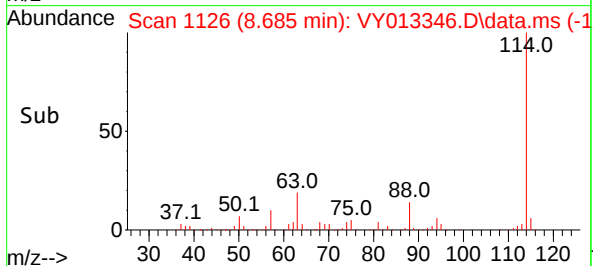
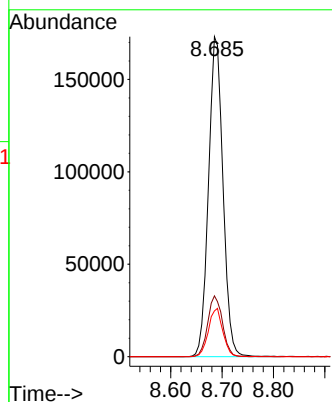
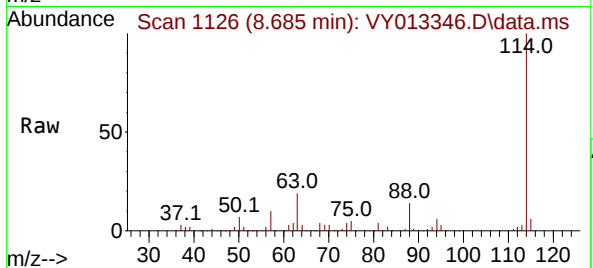
Tgt Ion:114 Resp: 338127

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.308 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013346.D

Acq: 19 Apr 2023 15:32

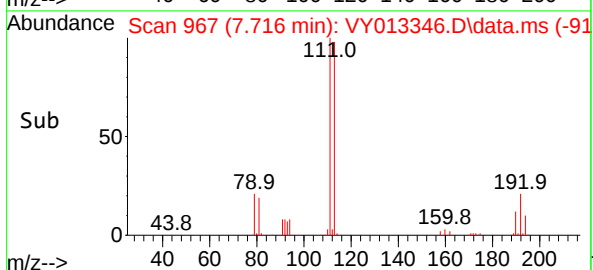
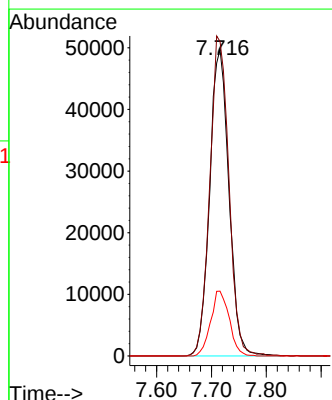
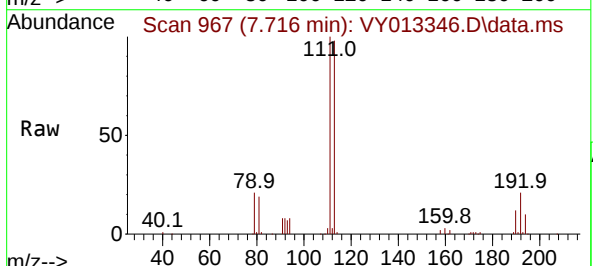
Tgt Ion:113 Resp: 121070

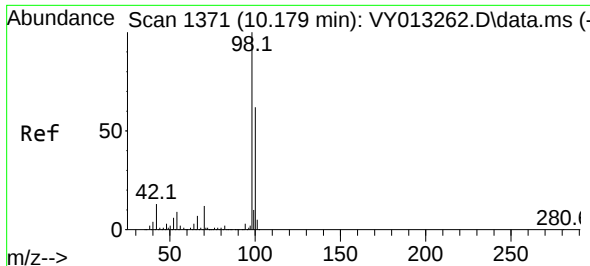
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.5 16.8 25.2

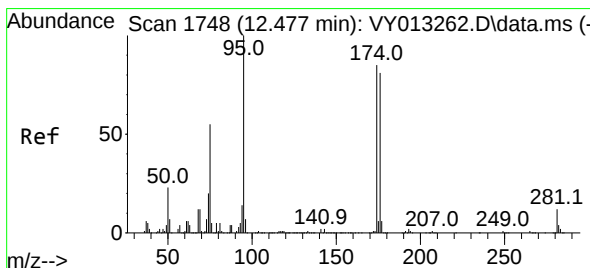
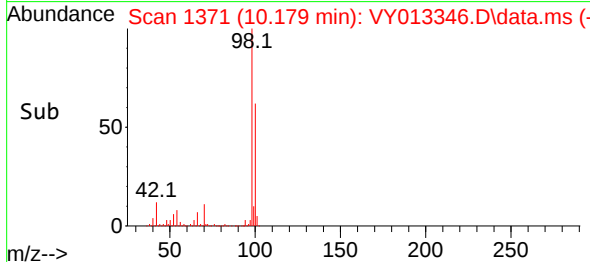
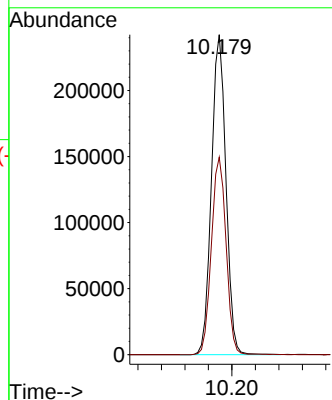
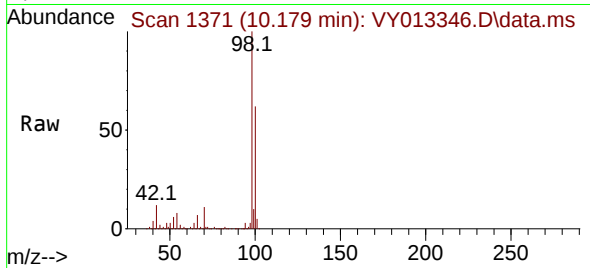




#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

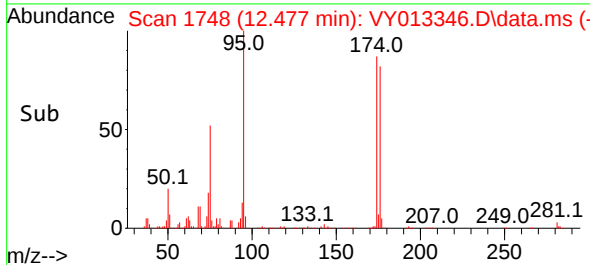
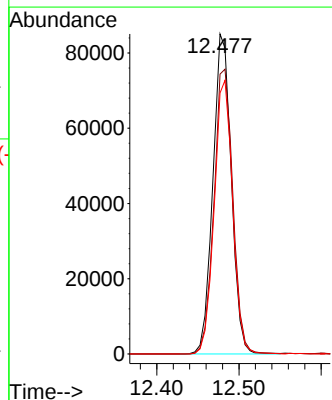
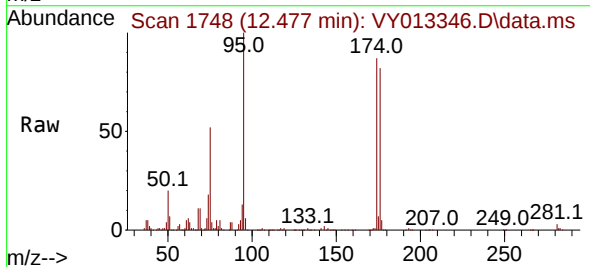
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

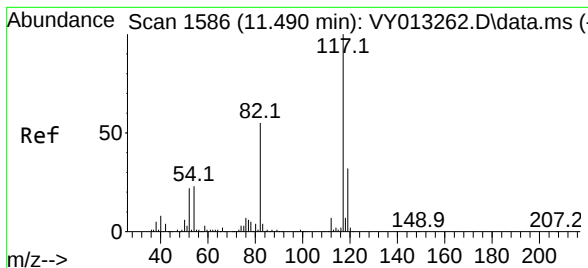
Tgt Ion: 98 Resp: 413573
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.952 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013346.D
Acq: 19 Apr 2023 15:32

Tgt Ion: 95 Resp: 132240
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.6
176 85.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013346.D

Acq: 19 Apr 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

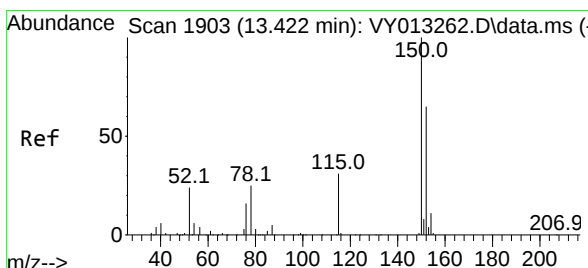
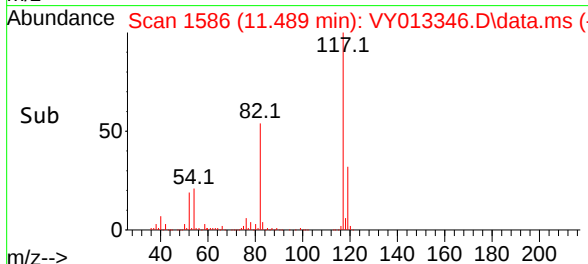
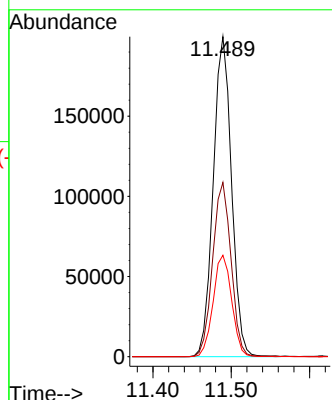
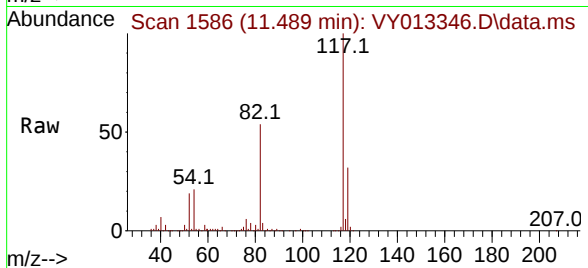
Tgt Ion:117 Resp: 323866

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013346.D

Acq: 19 Apr 2023 15:32

Tgt Ion:152 Resp: 151857

Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 155.8 0.0 347.8

