

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013347.D
 Acq On : 19 Apr 2023 15:55
 Operator : KP/MD
 Sample : 02371-13
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18-9.5-10.0

Quant Time: Apr 20 06:56:35 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	161396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107580	55.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.920%
35) Dibromofluoromethane	7.716	113	97490	56.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.020%
50) Toluene-d8	10.179	98	327999	51.081	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.477	95	104700	50.184	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.360%

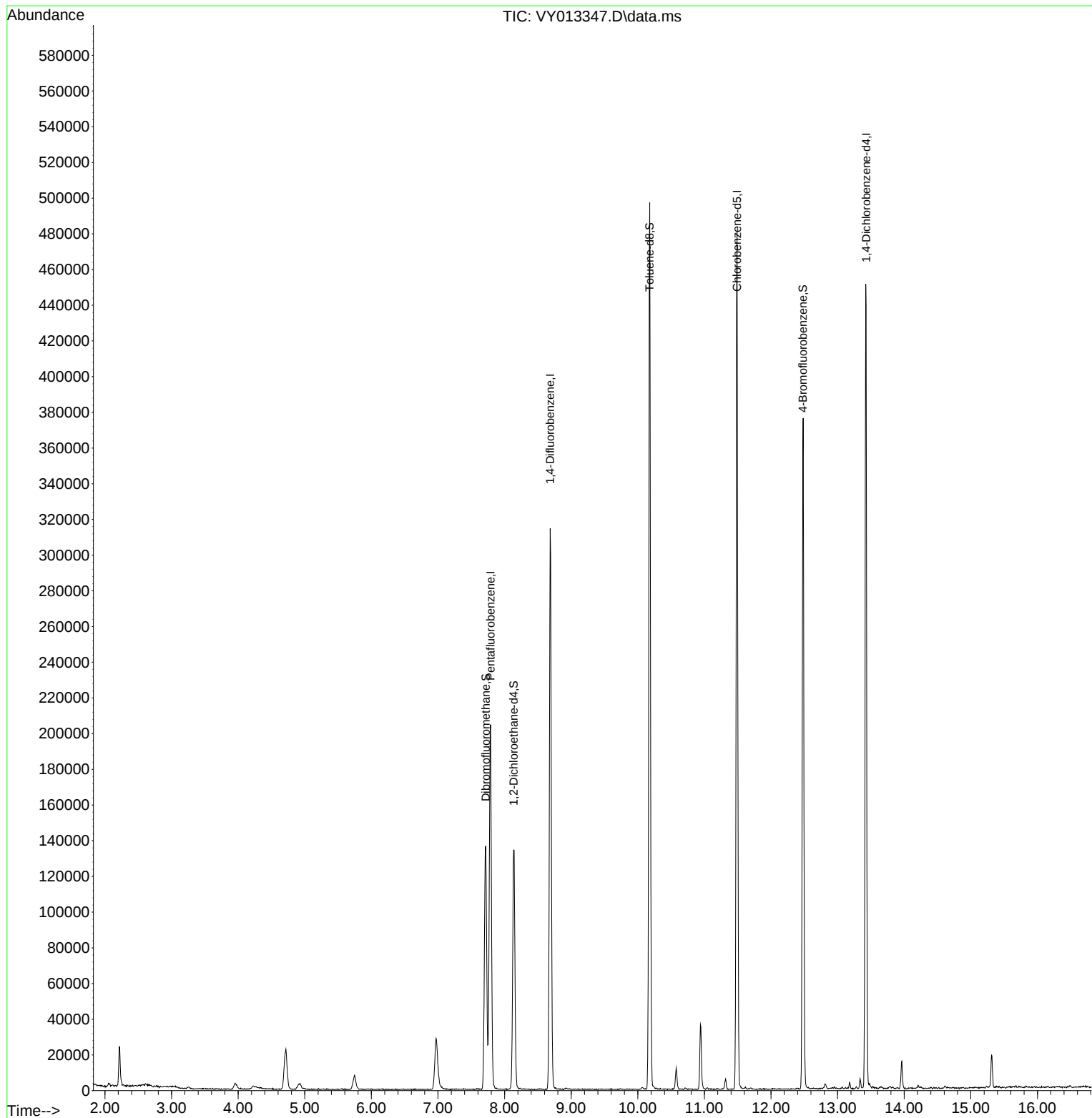
Target Compounds	Qvalue

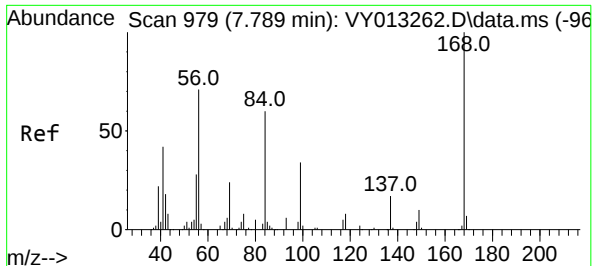
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
Data File : VY013347.D
Acq On : 19 Apr 2023 15:55
Operator : KP/MD
Sample : 02371-13
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-18-9.5-10.0

Quant Time: Apr 20 06:56:35 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

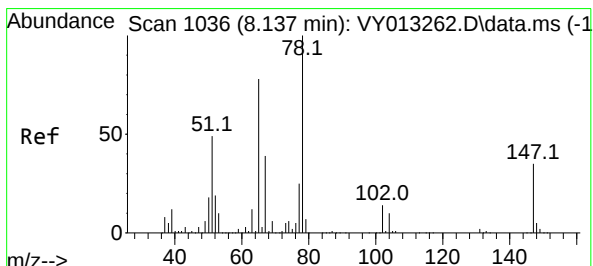
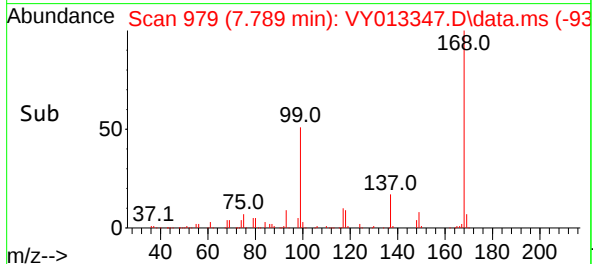
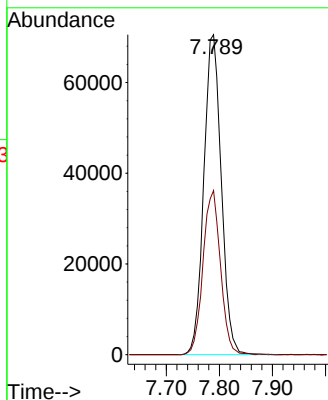
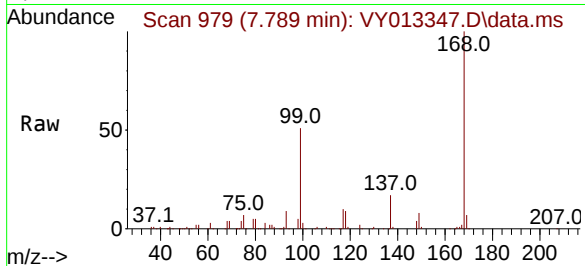




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013347.D
Acq: 19 Apr 2023 15:55

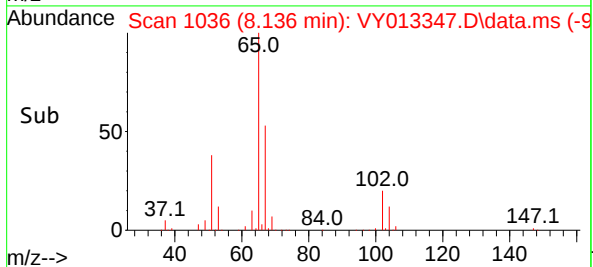
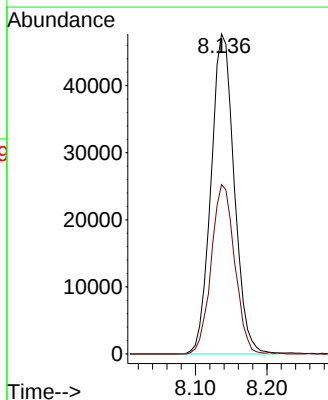
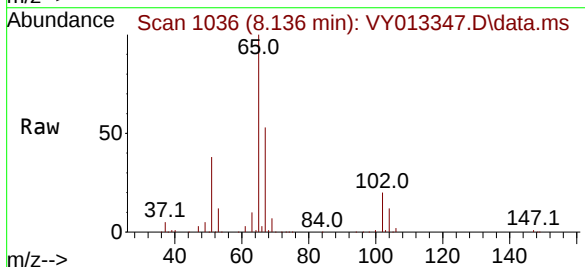
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-9.5-10.0

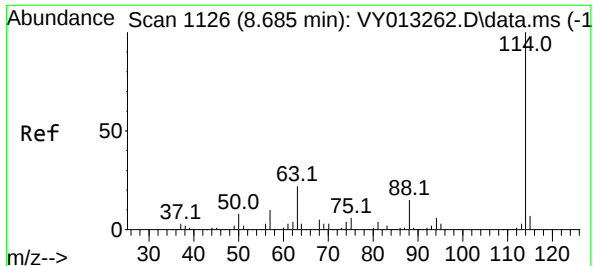
Tgt Ion:168 Resp: 161396
Ion Ratio Lower Upper
168 100
99 51.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 55.465 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013347.D
Acq: 19 Apr 2023 15:55

Tgt Ion: 65 Resp: 107580
Ion Ratio Lower Upper
65 100
67 53.3 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: VY013347.D

Acq: 19 Apr 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-18-9.5-10.0

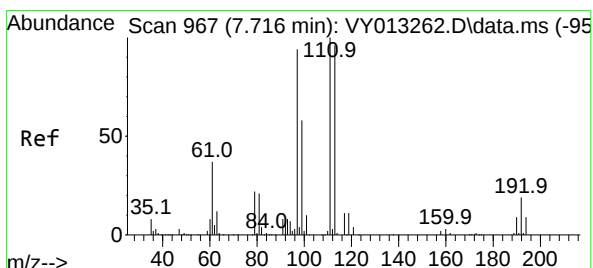
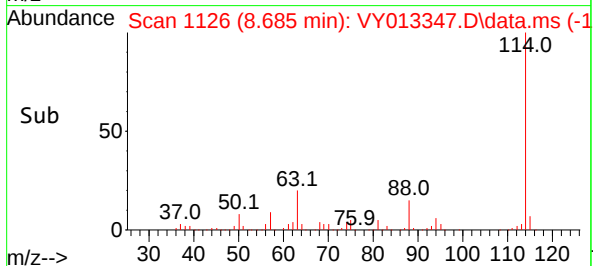
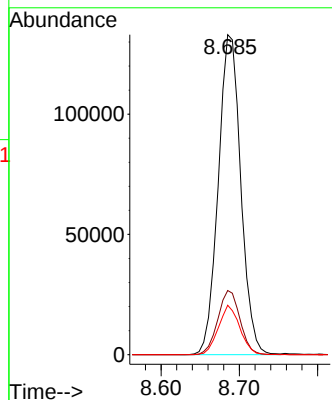
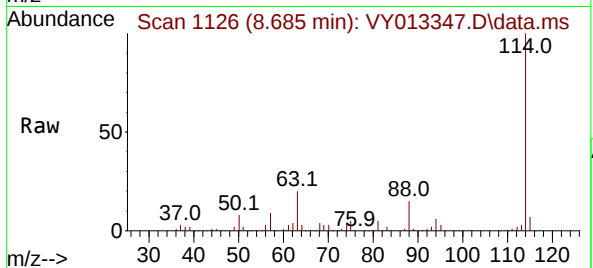
Tgt Ion:114 Resp: 266469

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.513 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013347.D

Acq: 19 Apr 2023 15:55

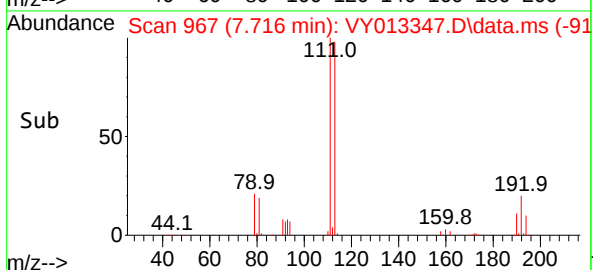
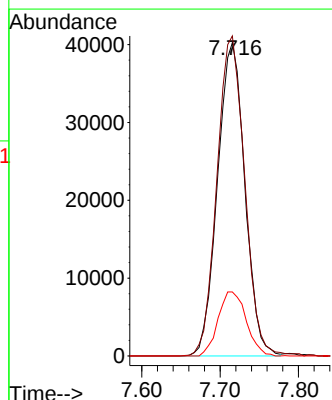
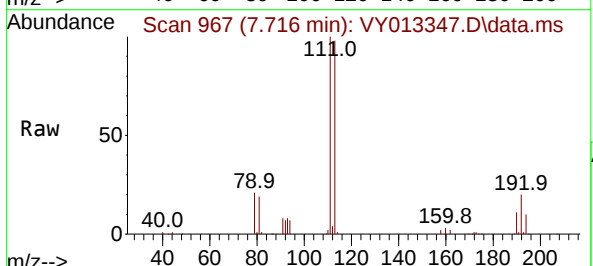
Tgt Ion:113 Resp: 97490

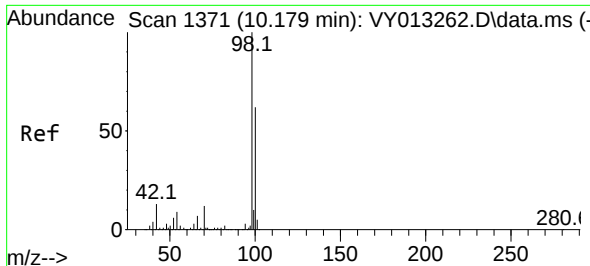
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 21.1 16.8 25.2

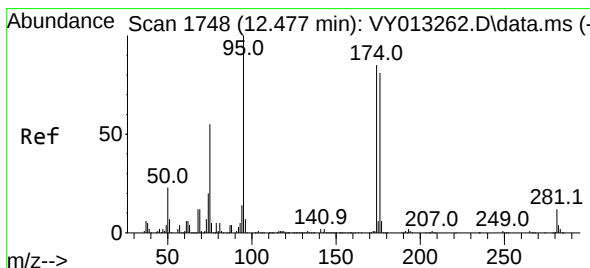
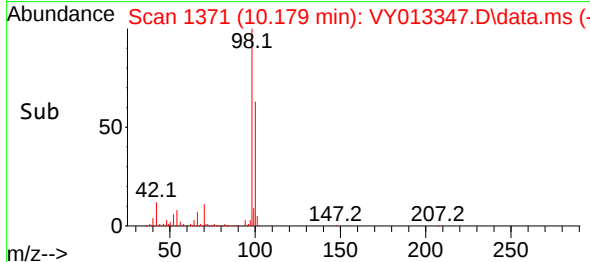
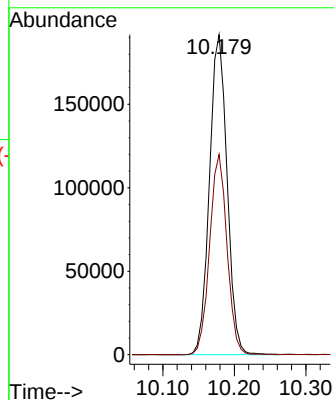
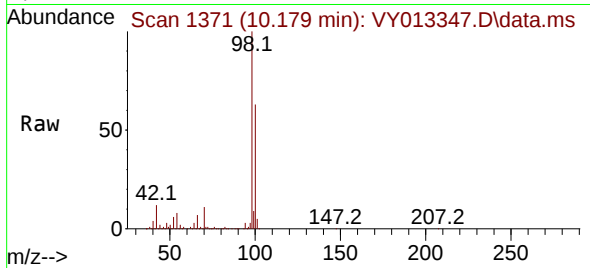




#50
Toluene-d8
Concen: 51.081 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013347.D
Acq: 19 Apr 2023 15:55

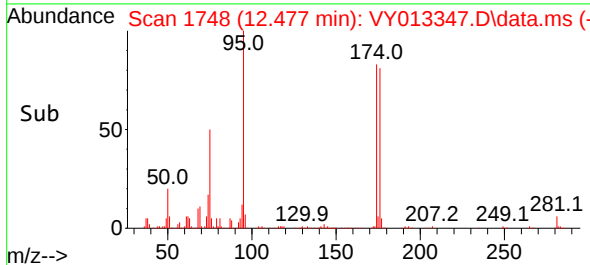
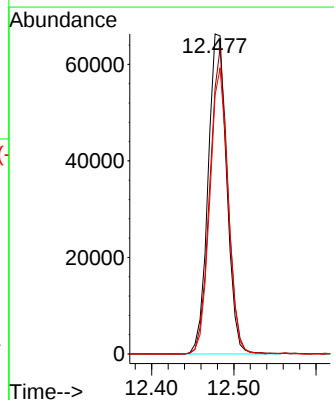
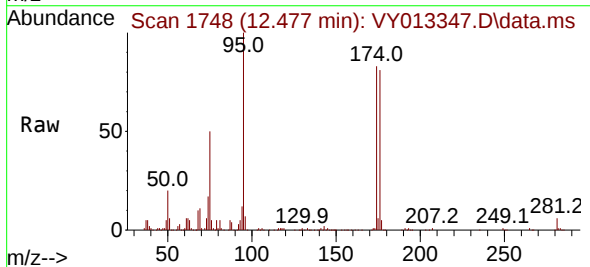
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-9.5-10.0

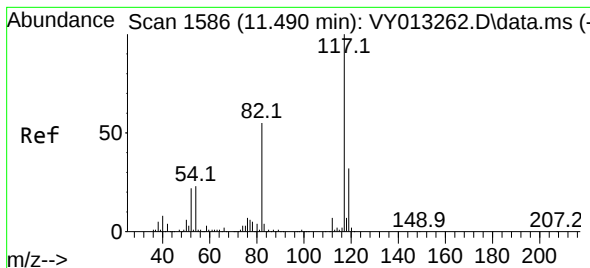
Tgt Ion: 98 Resp: 327999
Ion Ratio Lower Upper
98 100
100 61.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.184 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013347.D
Acq: 19 Apr 2023 15:55

Tgt Ion: 95 Resp: 104700
Ion Ratio Lower Upper
95 100
174 92.8 0.0 176.6
176 87.5 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: VY013347.D

Acq: 19 Apr 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-18-9.5-10.0

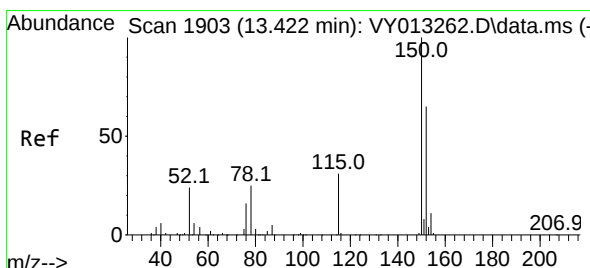
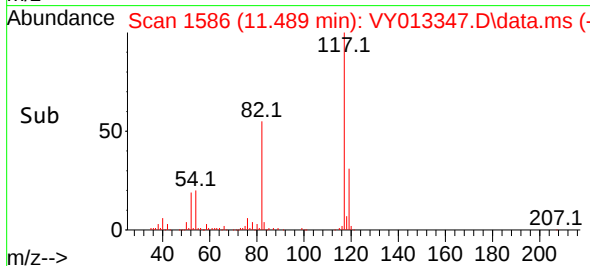
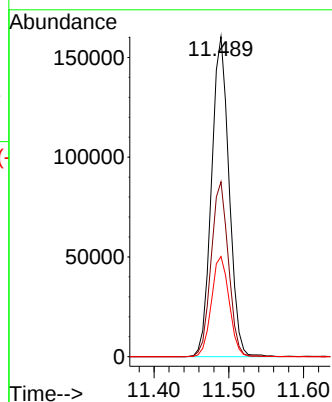
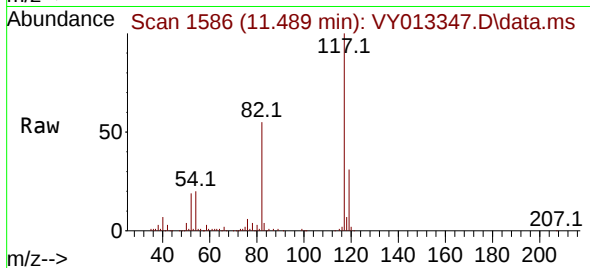
Tgt Ion:117 Resp: 262167

Ion Ratio Lower Upper

117 100

82 54.6 45.4 68.0

119 31.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013347.D

Acq: 19 Apr 2023 15:55

Tgt Ion:152 Resp: 120233

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 157.0 0.0 347.8

