

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013369.D
 Acq On : 20 Apr 2023 15:37
 Operator : KP/MD
 Sample : 02371-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-8.5-9.0

Quant Time: Apr 21 02:15:15 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	160243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73378	38.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.200%
35) Dibromofluoromethane	7.716	113	62982	59.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.800%
50) Toluene-d8	10.179	98	201196	51.407	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.477	95	59726	46.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.940%

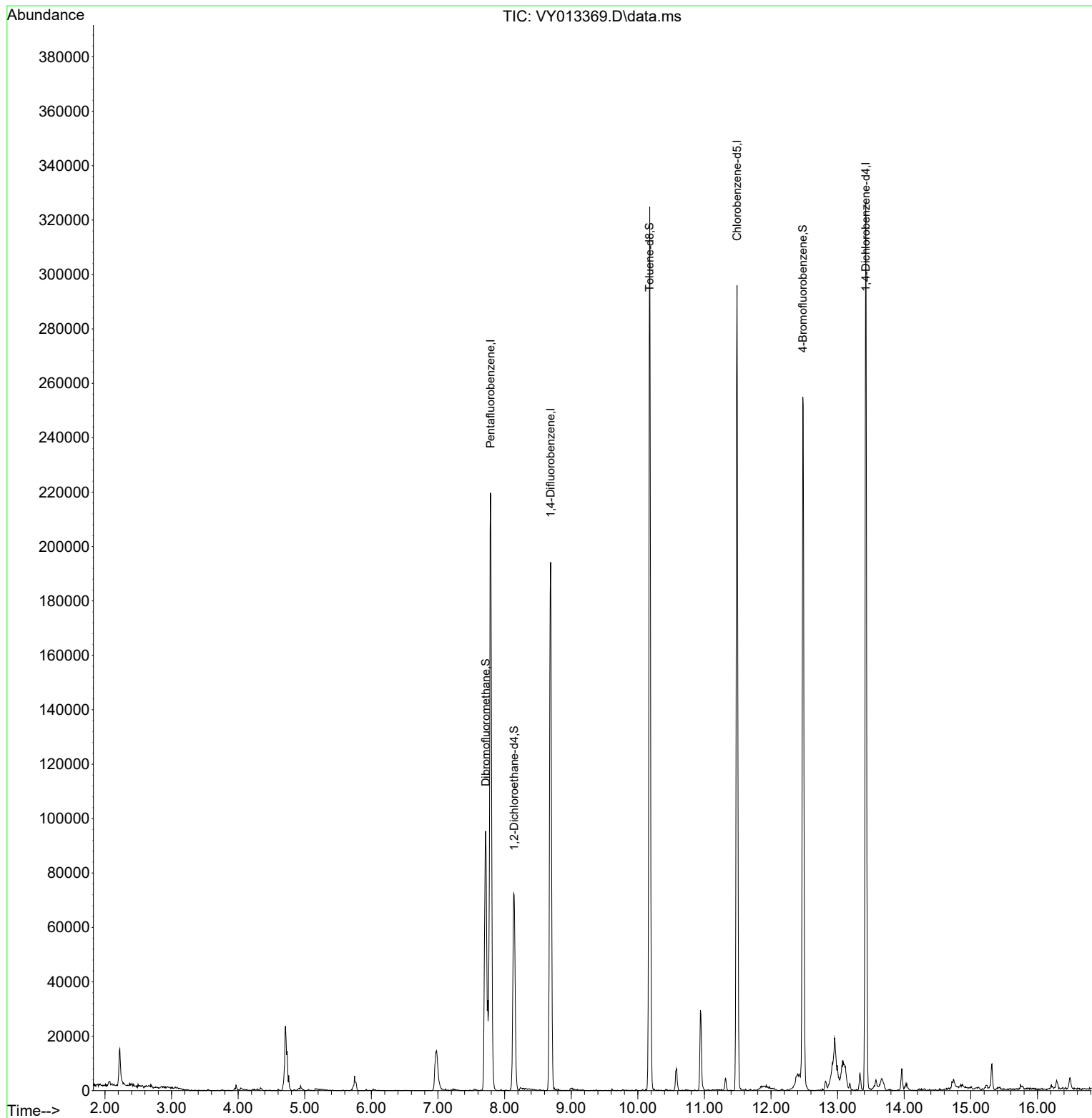
Target Compounds	Qvalue

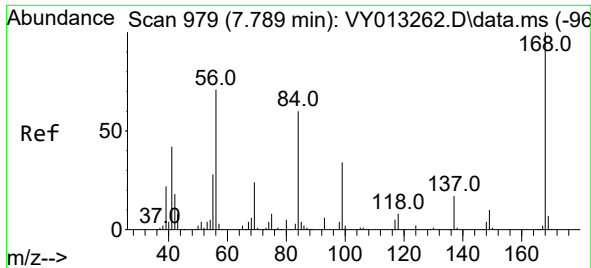
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013369.D
Acq On : 20 Apr 2023 15:37
Operator : KP/MD
Sample : 02371-07
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

Quant Time: Apr 21 02:15:15 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

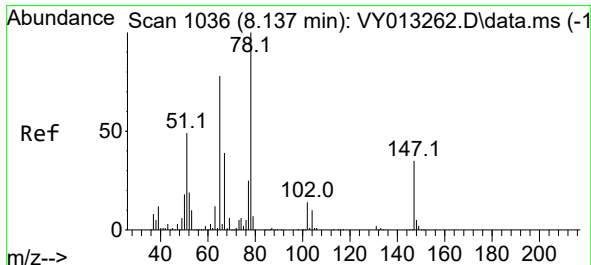
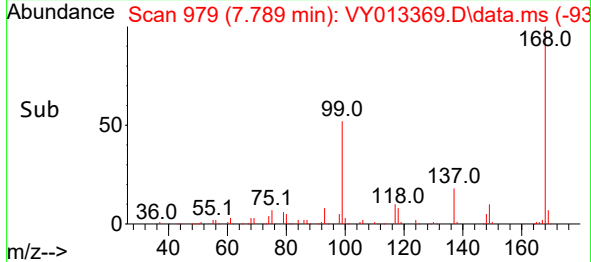
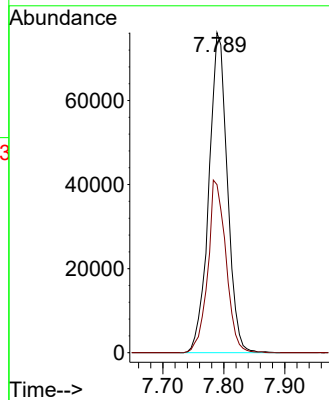
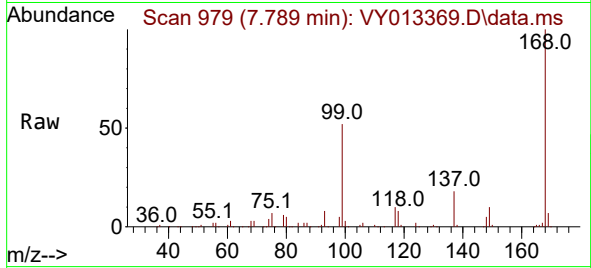




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

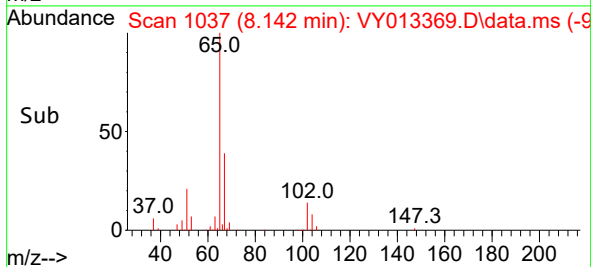
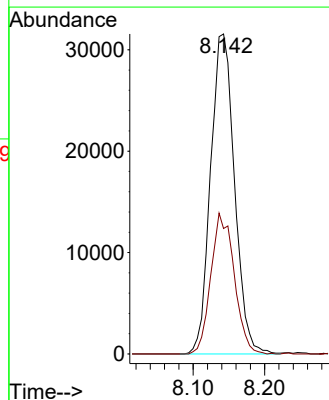
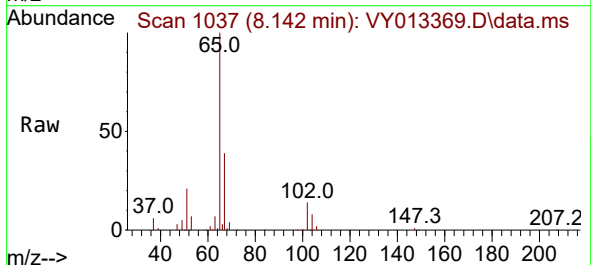
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

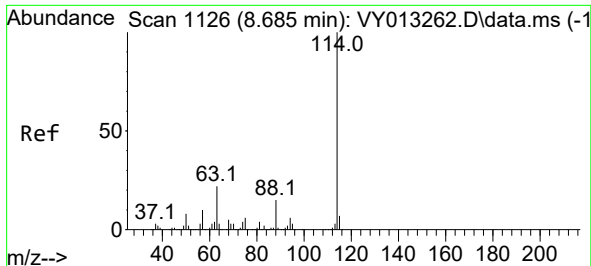
Tgt Ion:168 Resp: 160243
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 38.104 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Tgt Ion: 65 Resp: 73378
Ion Ratio Lower Upper
65 100
67 42.9 0.0 104.0

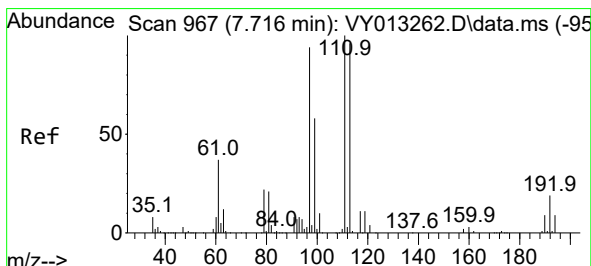
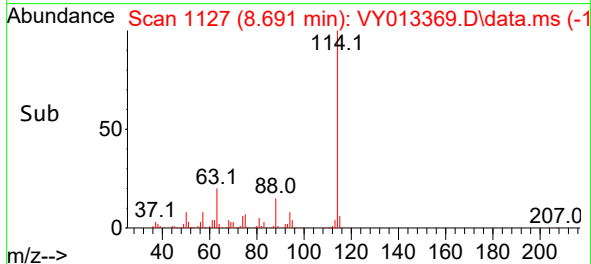
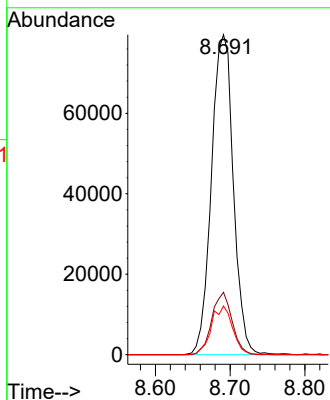
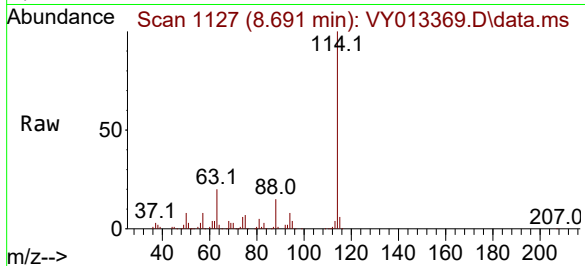




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

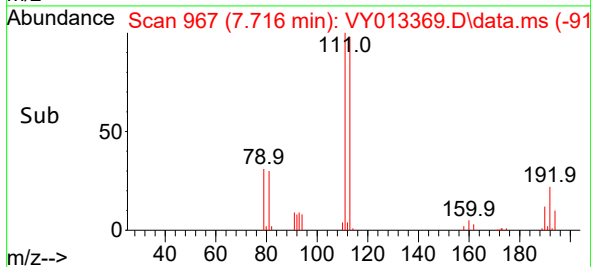
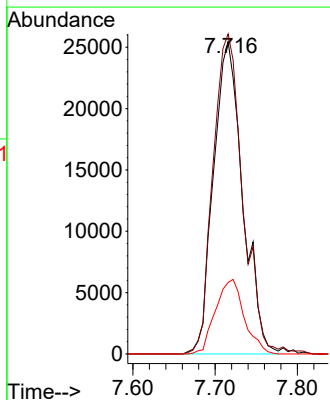
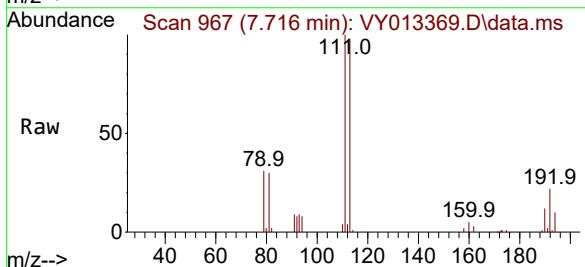
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

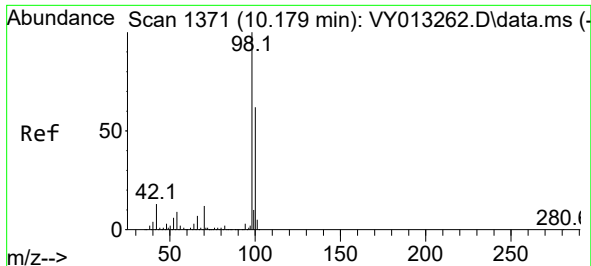
Tgt Ion:114 Resp: 162416
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.2 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.899 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Tgt Ion:113 Resp: 62982
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 23.5 16.8 25.2

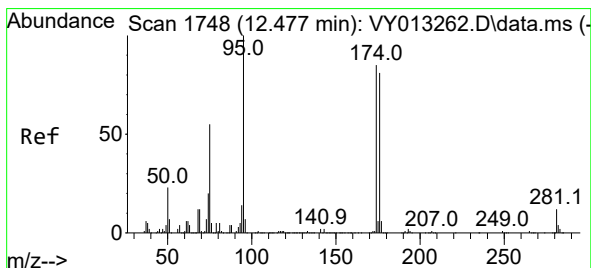
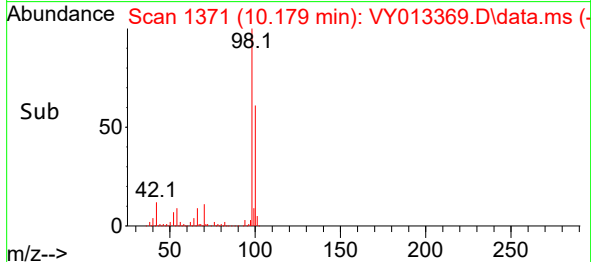
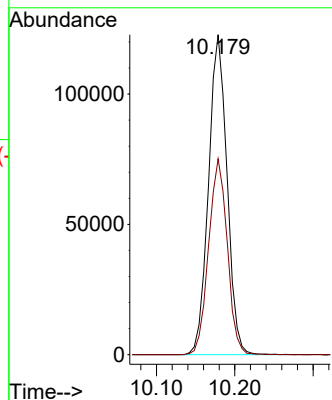
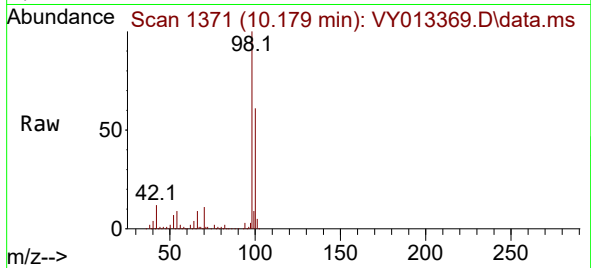




#50
Toluene-d8
Concen: 51.407 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

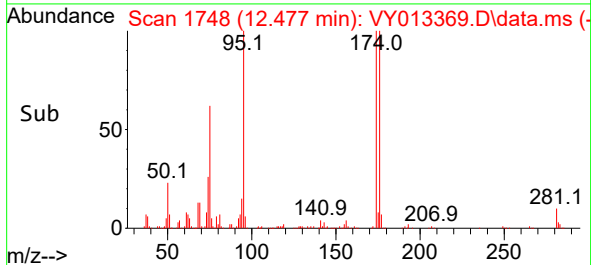
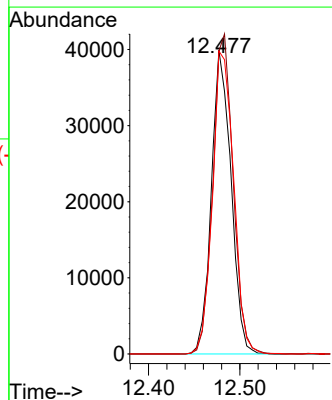
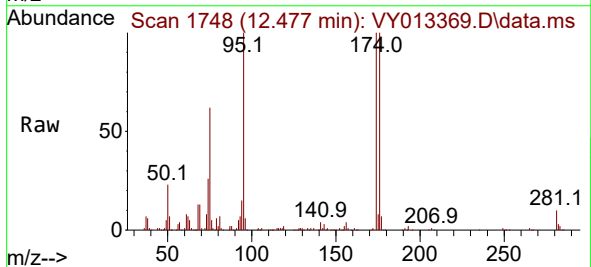
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

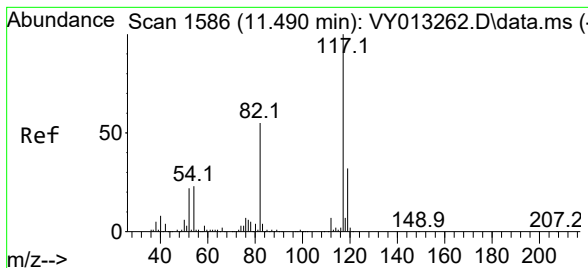
Tgt Ion: 98 Resp: 201196
Ion Ratio Lower Upper
98 100
100 61.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.968 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013369.D
Acq: 20 Apr 2023 15:37

Tgt Ion: 95 Resp: 59726
Ion Ratio Lower Upper
95 100
174 109.0 0.0 176.6
176 107.2 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: VY013369.D

Acq: 20 Apr 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-21-8.5-9.0

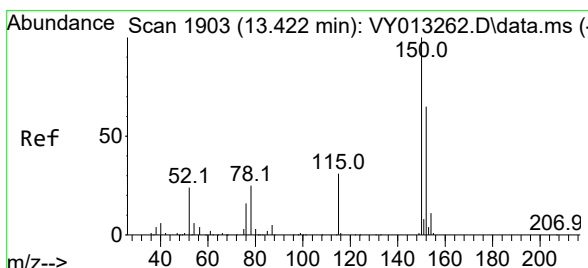
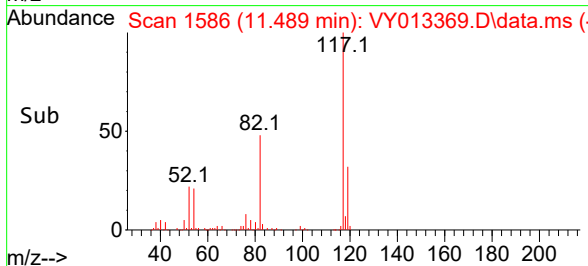
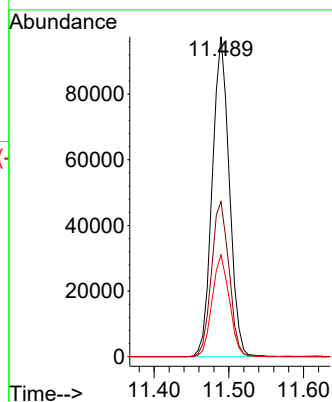
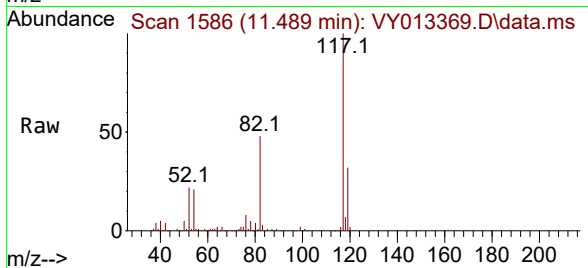
Tgt Ion:117 Resp: 154326

Ion Ratio Lower Upper

117 100

82 48.4 45.4 68.0

119 31.8 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: VY013369.D

Acq: 20 Apr 2023 15:37

Tgt Ion:152 Resp: 83929

Ion Ratio Lower Upper

152 100

115 52.5 27.1 81.3

150 153.1 0.0 347.8

