

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013373.D
 Acq On : 20 Apr 2023 17:10
 Operator : KP/MD
 Sample : 02371-17
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-9.0-9.5

Quant Time: Apr 21 02:15:49 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	7.795	168	16130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	8806	45.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.716	113	6024	50.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.179	98	26173	59.404	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.800%
62) 4-Bromofluorobenzene	12.483	95	5602	39.133	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.260%

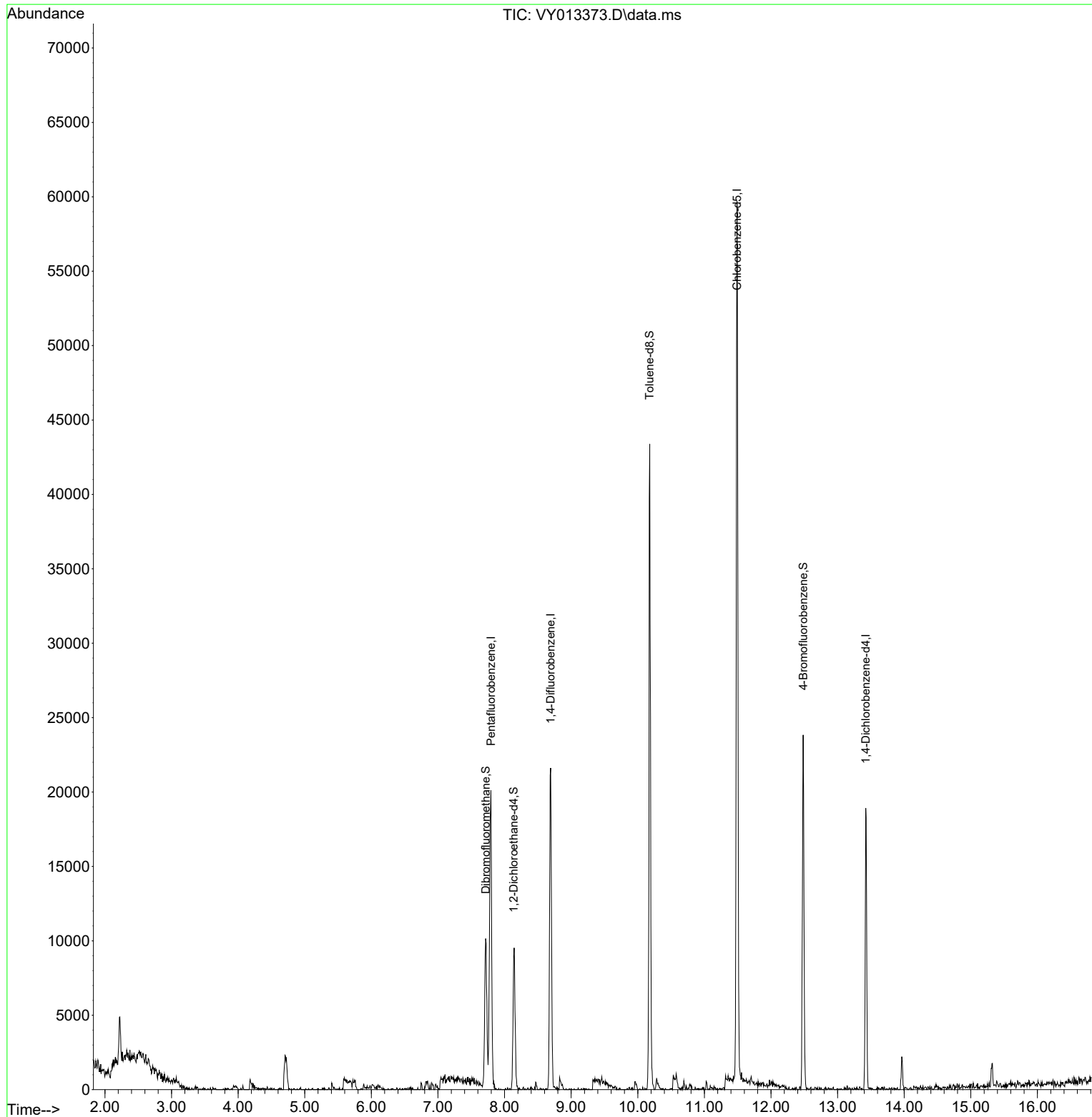
Target Compounds	Qvalue

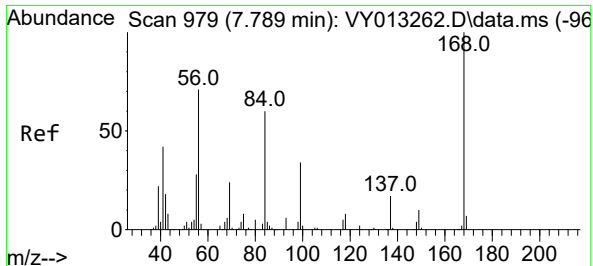
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013373.D
Acq On : 20 Apr 2023 17:10
Operator : KP/MD
Sample : 02371-17
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

Quant Time: Apr 21 02:15:49 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

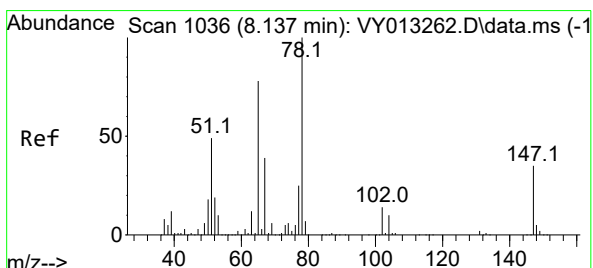
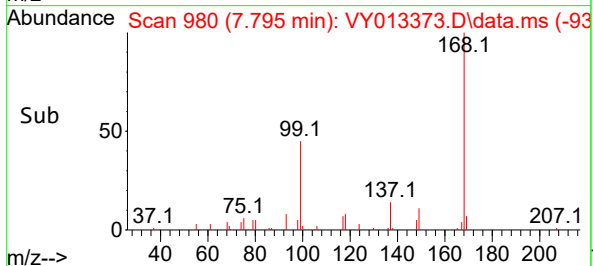
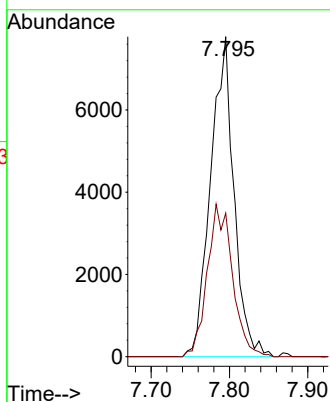
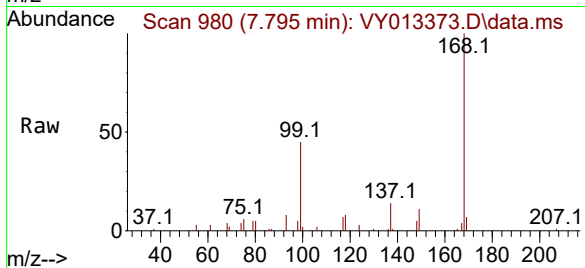




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

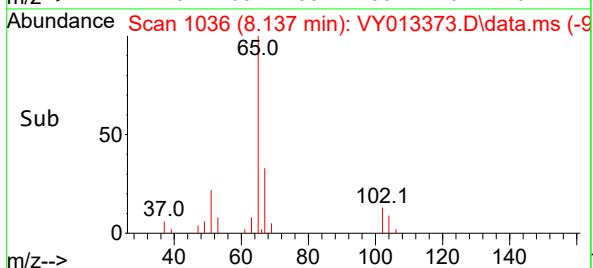
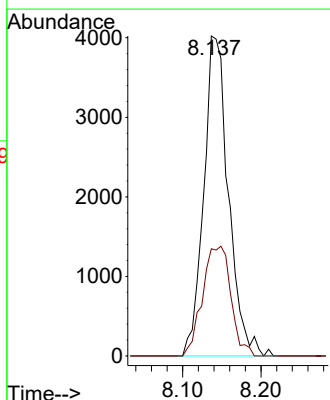
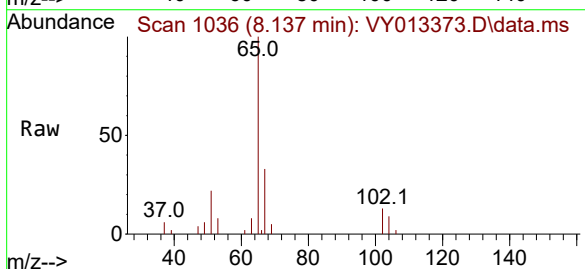
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

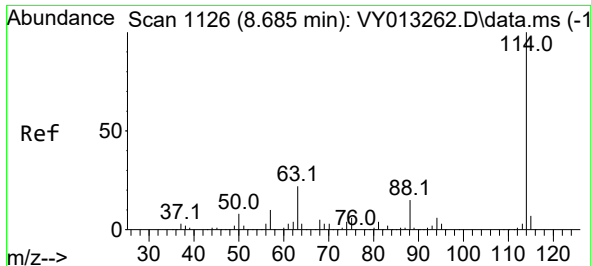
Tgt Ion:168 Resp: 16130
Ion Ratio Lower Upper
168 100
99 44.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 45.428 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Tgt Ion: 65 Resp: 8806
Ion Ratio Lower Upper
65 100
67 39.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013373.D

Acq: 20 Apr 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-9.0-9.5

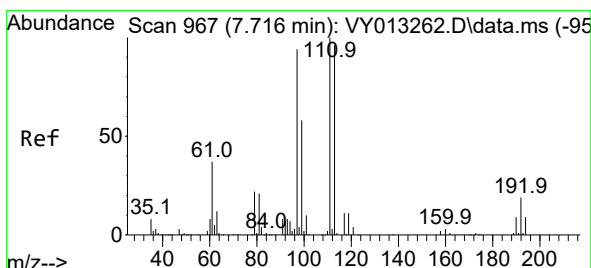
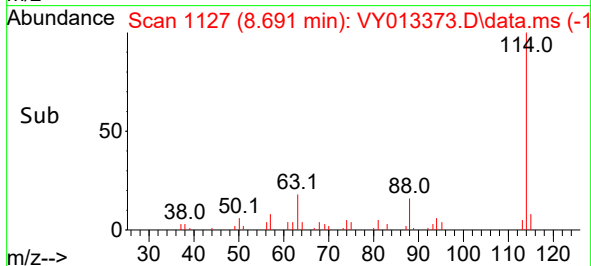
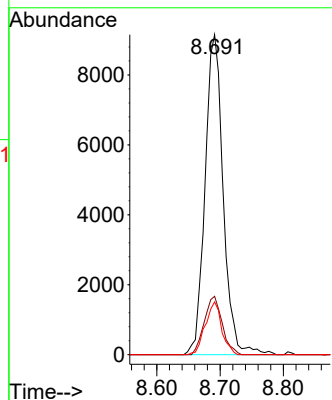
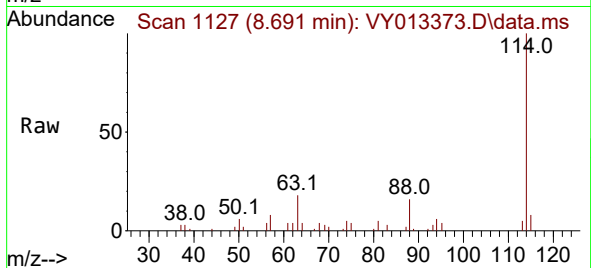
Tgt Ion:114 Resp: 18284

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 16.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.892 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013373.D

Acq: 20 Apr 2023 17:10

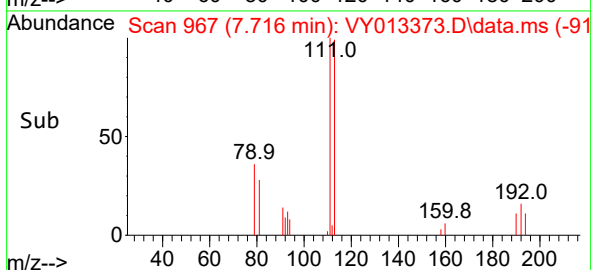
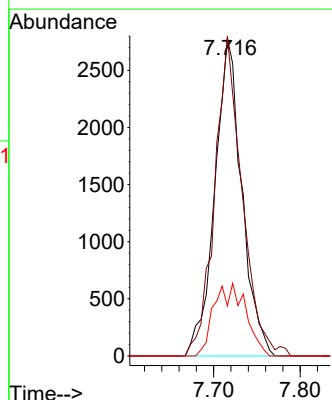
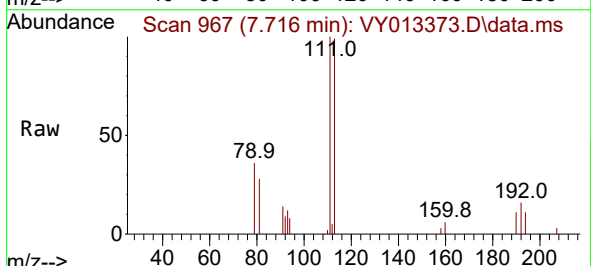
Tgt Ion:113 Resp: 6024

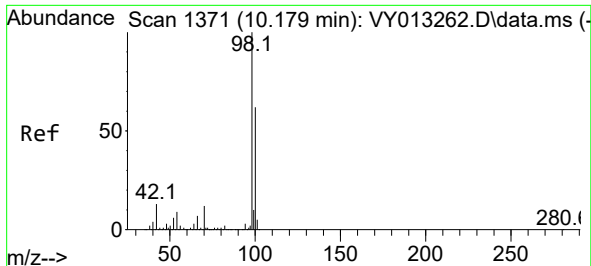
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 12.9 16.8 25.2#

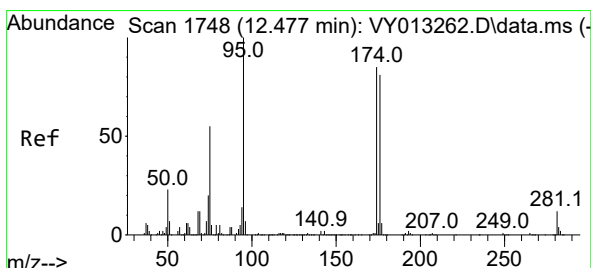
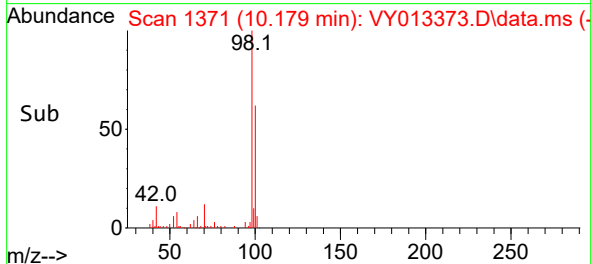
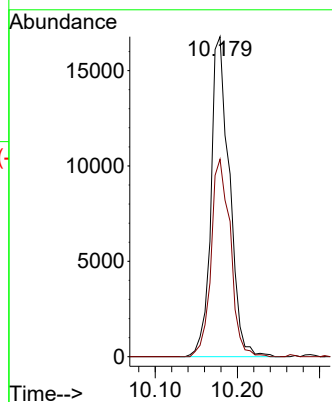
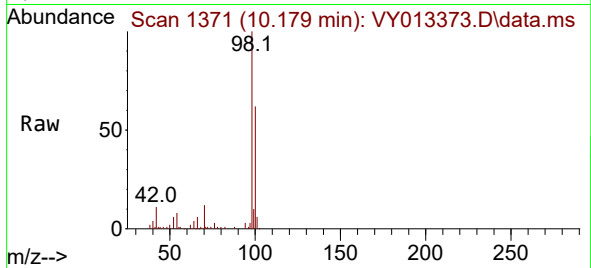




#50
Toluene-d8
Concen: 59.404 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

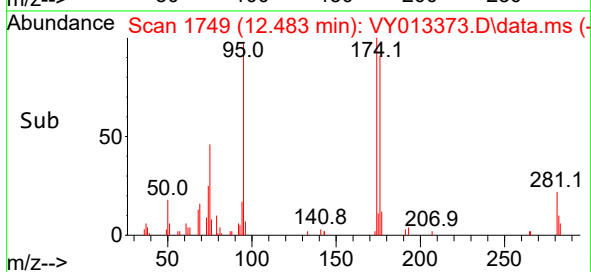
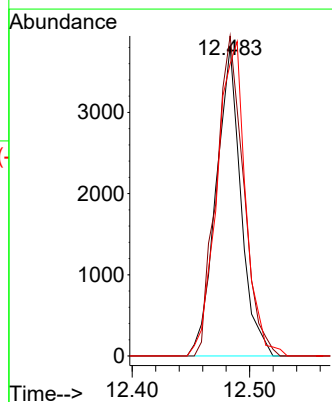
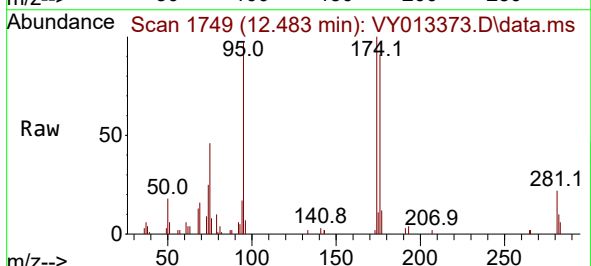
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

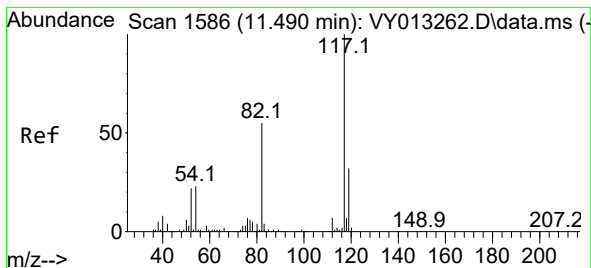
Tgt Ion: 98 Resp: 26173
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Tgt Ion: 95 Resp: 5602
Ion Ratio Lower Upper
95 100
174 113.8 0.0 176.6
176 116.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013373.D

Acq: 20 Apr 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-9.0-9.5

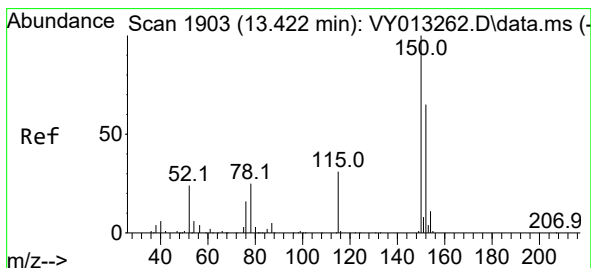
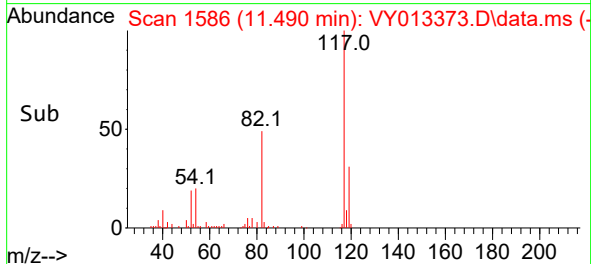
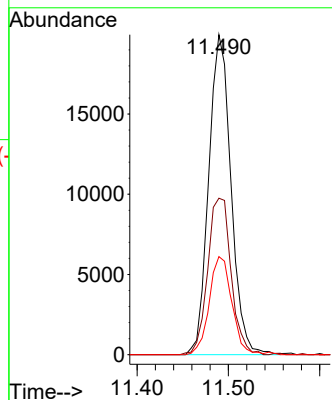
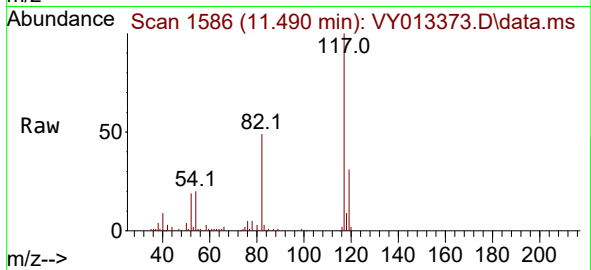
Tgt Ion:117 Resp: 33773

Ion Ratio Lower Upper

117 100

82 48.9 45.4 68.0

119 30.7 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: VY013373.D

Acq: 20 Apr 2023 17:10

Tgt Ion:152 Resp: 5267

Ion Ratio Lower Upper

152 100

115 50.8 27.1 81.3

150 147.3 0.0 347.8

