

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013786.D
 Acq On : 17 May 2023 19:10
 Operator : KP/MD
 Sample : 02812-11
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WG-0516-B4-0-2

Quant Time: May 18 07:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	162585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	253712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116742	61.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.620%
35) Dibromofluoromethane	7.728	113	96915	54.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.160%
50) Toluene-d8	10.185	98	338239	50.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.483	95	100794	45.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.160%

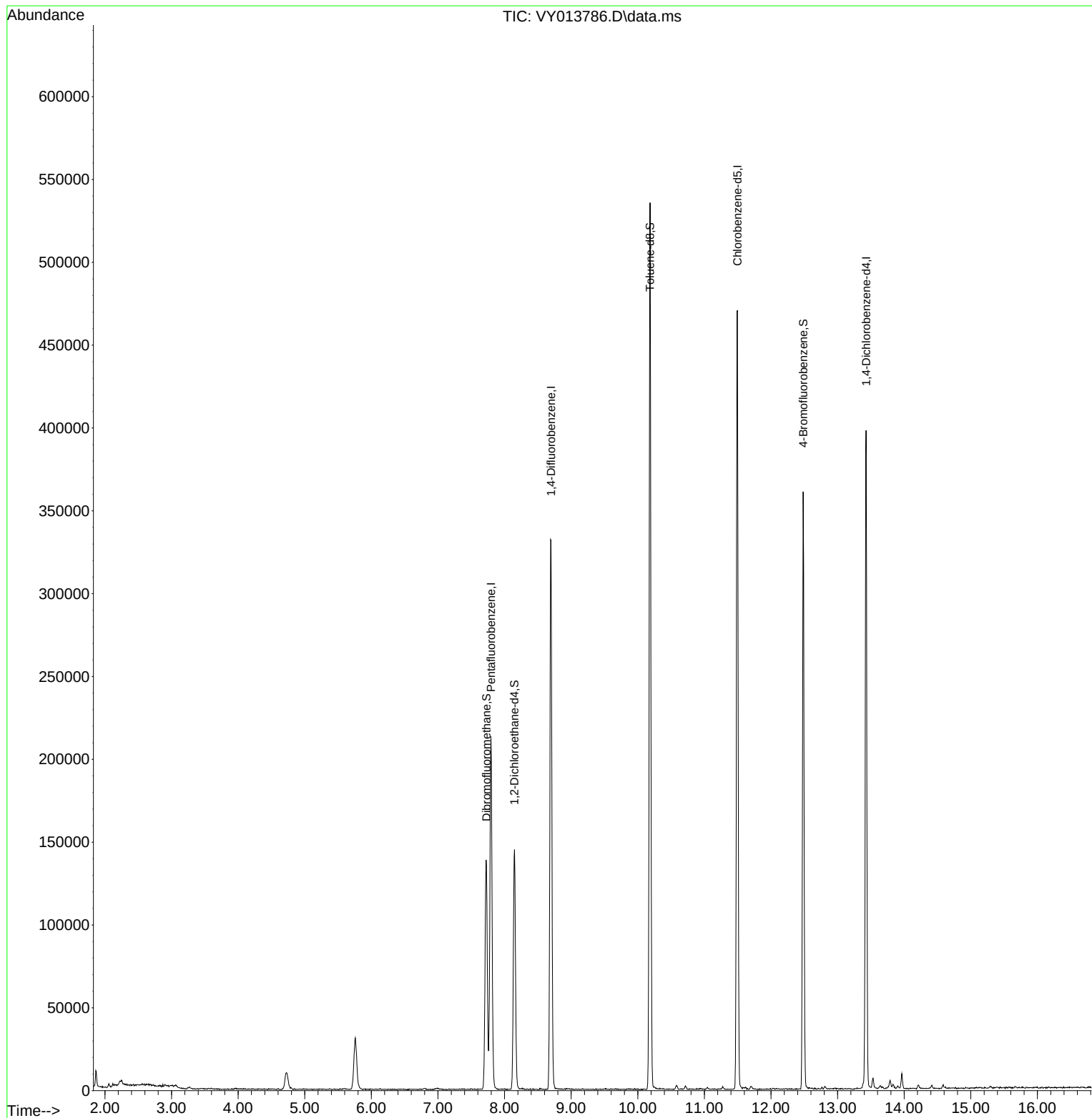
Target Compounds	Qvalue

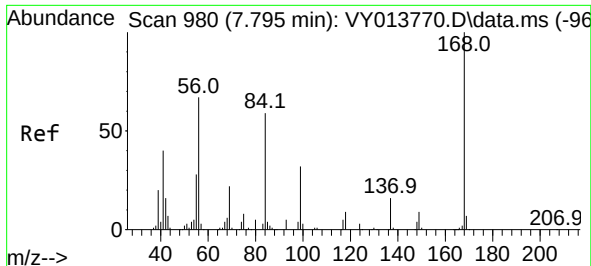
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013786.D
Acq On : 17 May 2023 19:10
Operator : KP/MD
Sample : 02812-11
Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B4-0-2

Quant Time: May 18 07:18:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

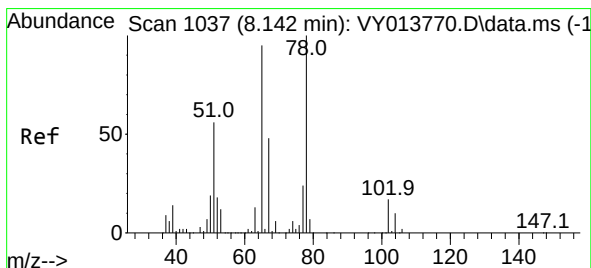
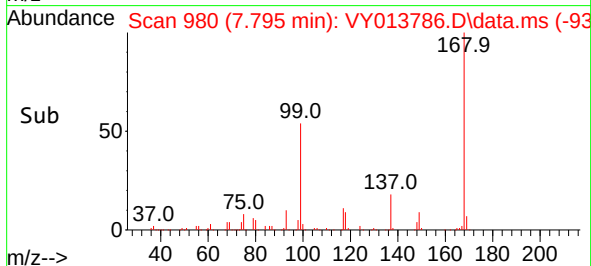
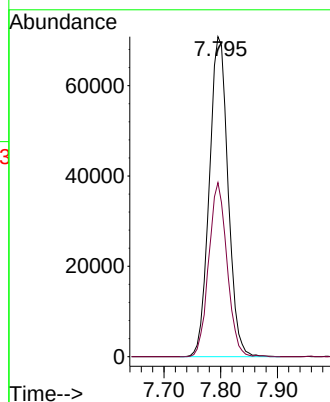
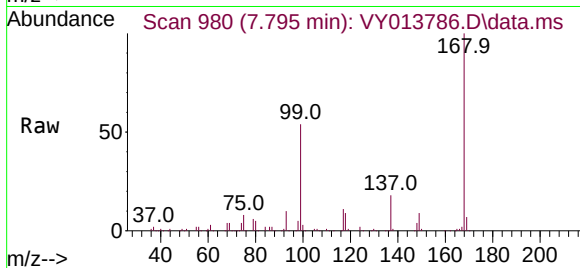




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013786.D
Acq: 17 May 2023 19:10

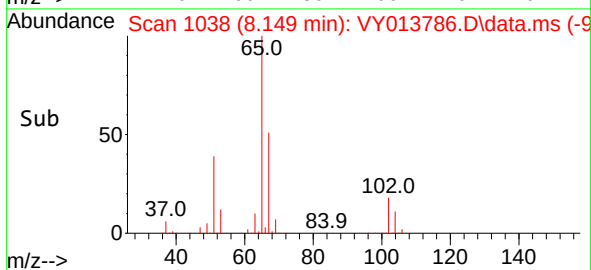
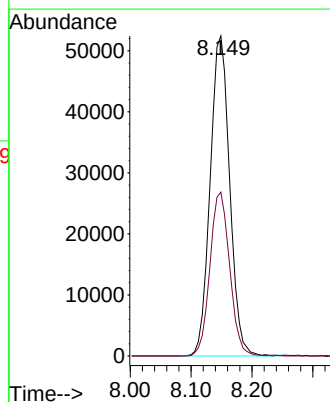
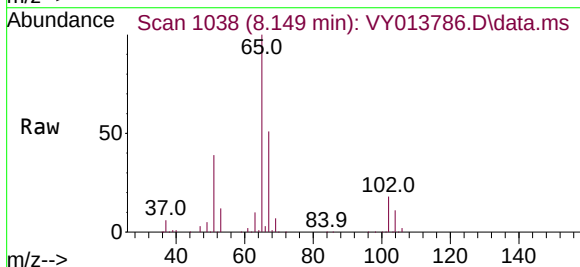
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B4-0-2

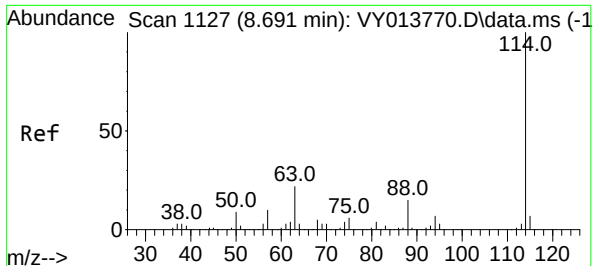
Tgt Ion:168 Resp: 162585
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 61.811 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY013786.D
Acq: 17 May 2023 19:10

Tgt Ion: 65 Resp: 116742
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013786.D

Acq: 17 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

WG-0516-B4-0-2

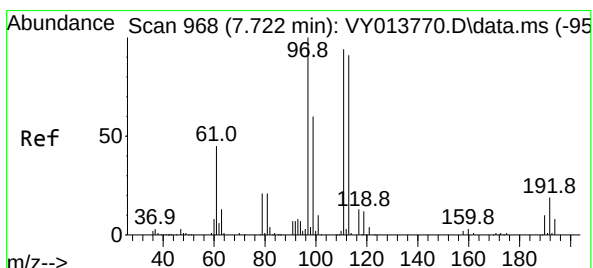
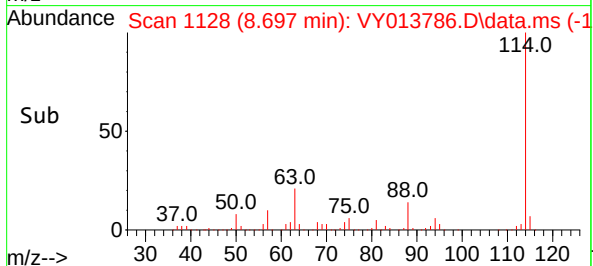
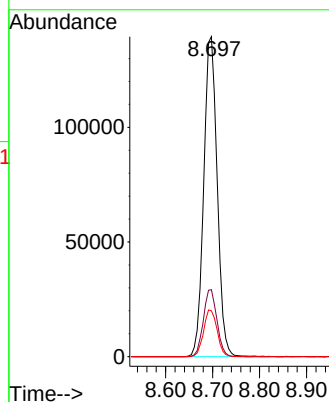
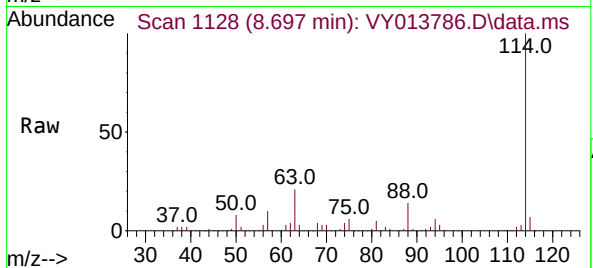
Tgt Ion:114 Resp: 276907

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 14.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.579 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY013786.D

Acq: 17 May 2023 19:10

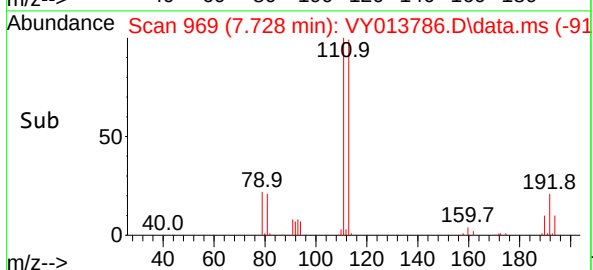
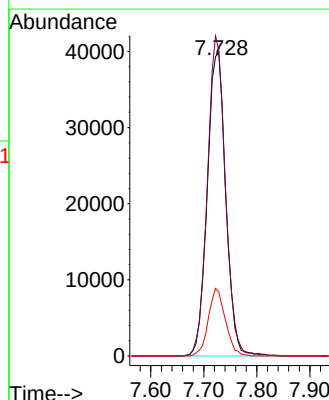
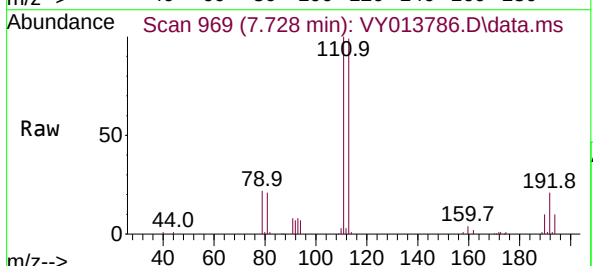
Tgt Ion:113 Resp: 96915

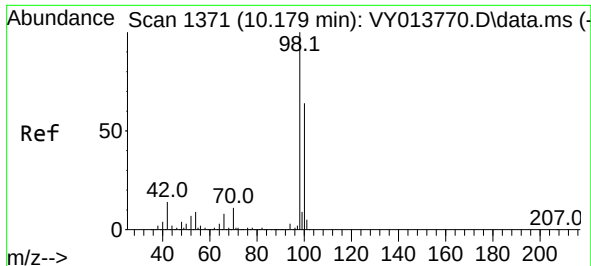
Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 20.5 16.0 24.0

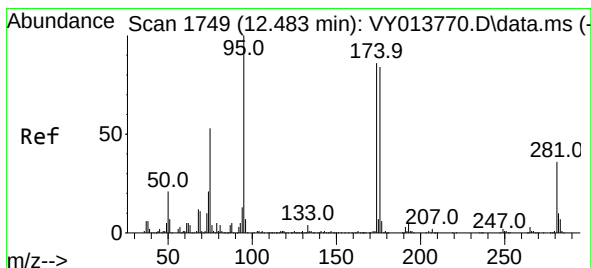
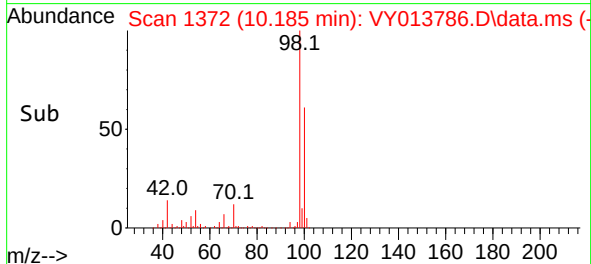
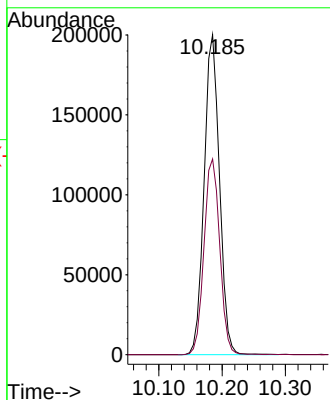
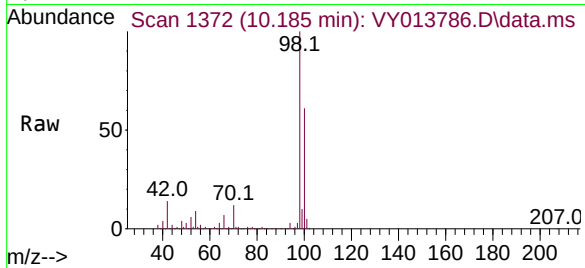




#50
Toluene-d8
Concen: 50.244 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013786.D
Acq: 17 May 2023 19:10

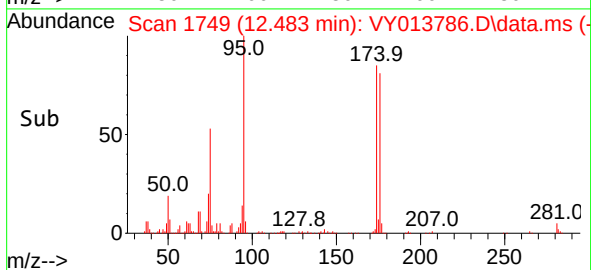
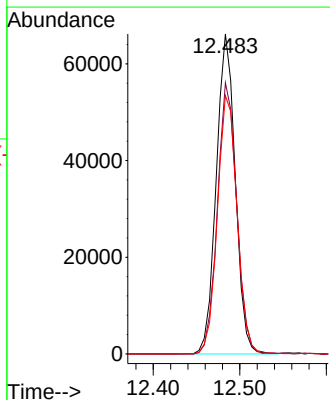
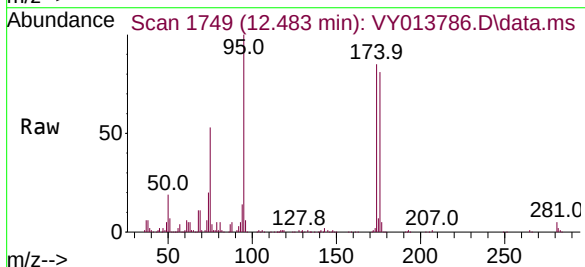
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B4-0-2

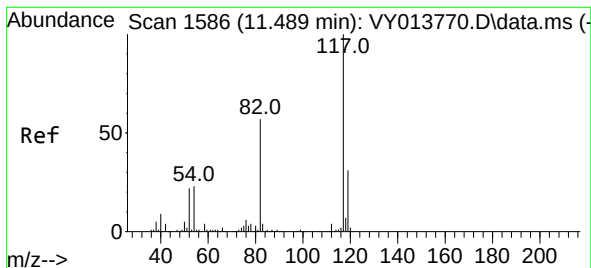
Tgt Ion: 98 Resp: 338239
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013786.D
Acq: 17 May 2023 19:10

Tgt Ion: 95 Resp: 100794
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.8
176 83.5 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013786.D

Acq: 17 May 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

WG-0516-B4-0-2

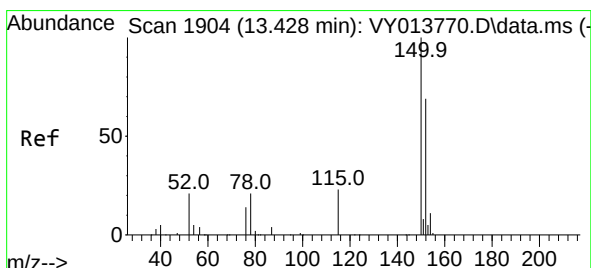
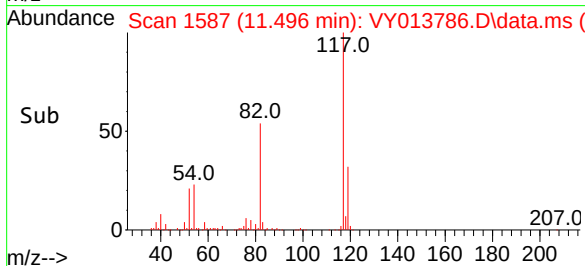
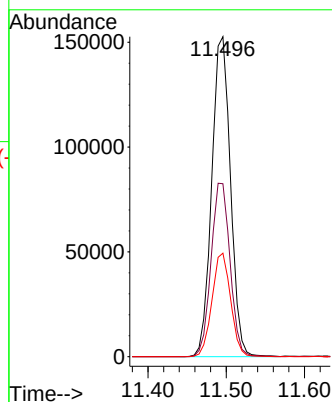
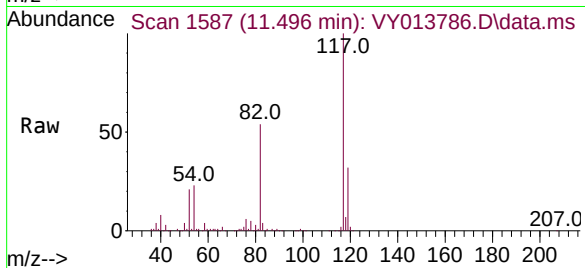
Tgt Ion:117 Resp: 253712

Ion Ratio Lower Upper

117 100

82 54.0 45.5 68.3

119 32.3 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013786.D

Acq: 17 May 2023 19:10

Tgt Ion:152 Resp: 102502

Ion Ratio Lower Upper

152 100

115 56.7 28.5 85.5

150 156.2 0.0 347.0

