

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013452.D
 Acq On : 25 Apr 2023 17:26
 Operator : KP/MD
 Sample : 02423-02
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPD-1WC-23-04-18

Quant Time: Apr 26 02:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112273	64.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.640%
35) Dibromofluoromethane	7.710	113	96574	56.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.720%
50) Toluene-d8	10.179	98	334863	54.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.880%
62) 4-Bromofluorobenzene	12.477	95	106822	51.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.980%

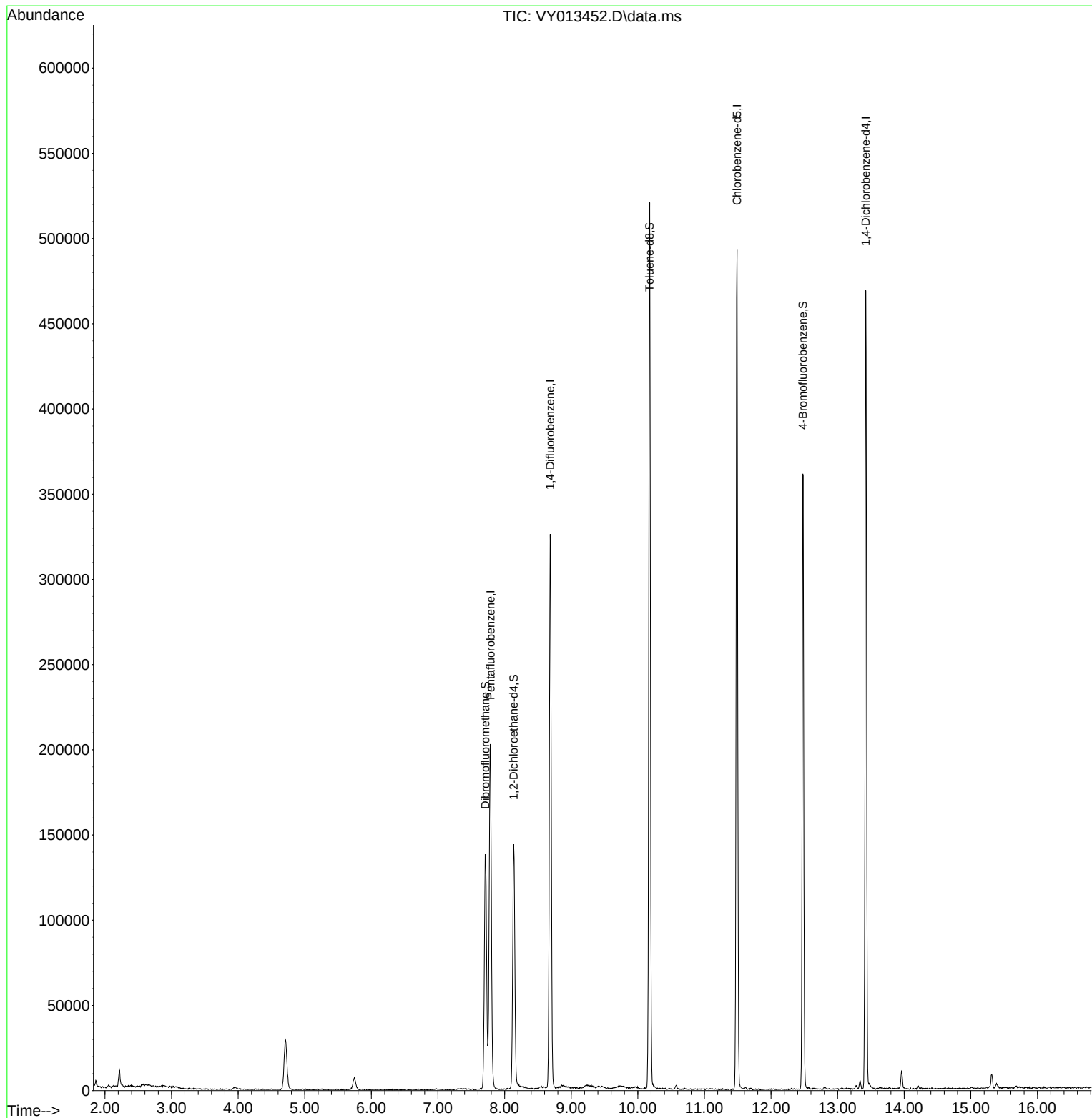
Target Compounds	Qvalue

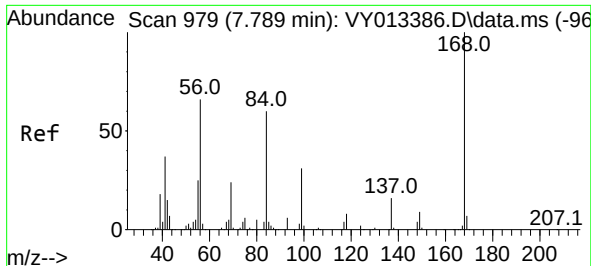
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013452.D
Acq On : 25 Apr 2023 17:26
Operator : KP/MD
Sample : 02423-02
Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

Quant Time: Apr 26 02:52:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

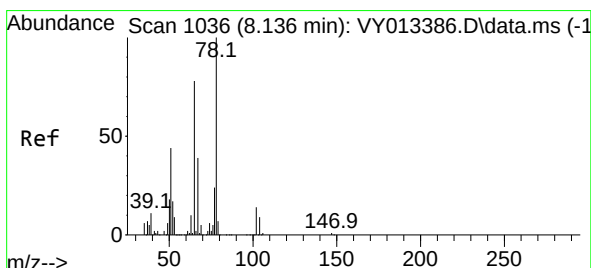
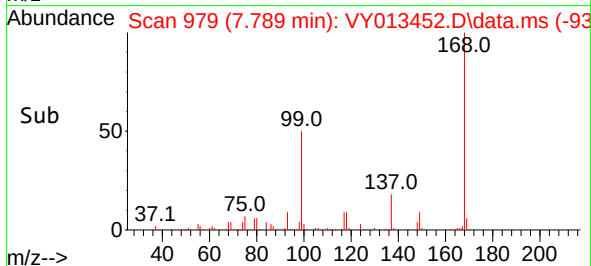
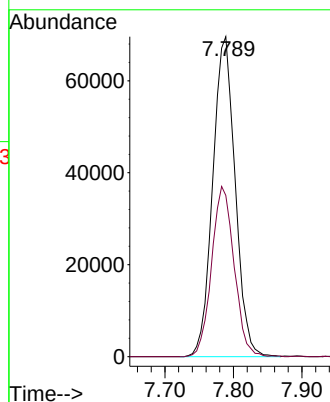
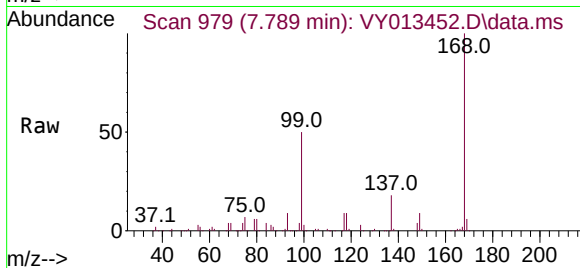




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

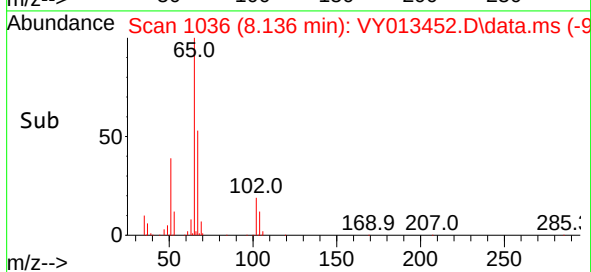
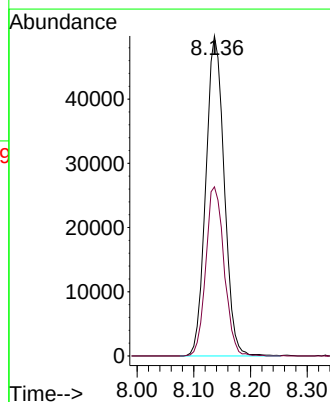
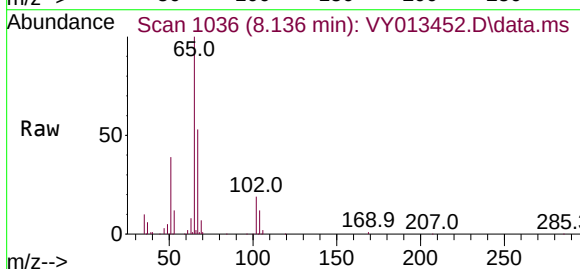
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

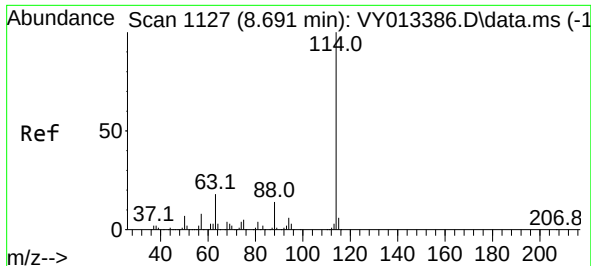
Tgt Ion:168 Resp: 158009
Ion Ratio Lower Upper
168 100
99 50.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 64.818 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion: 65 Resp: 112273
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013452.D

Acq: 25 Apr 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

SPD-1WC-23-04-18

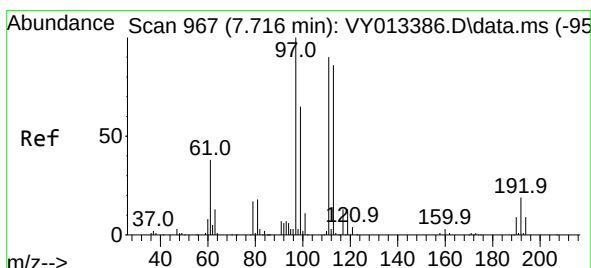
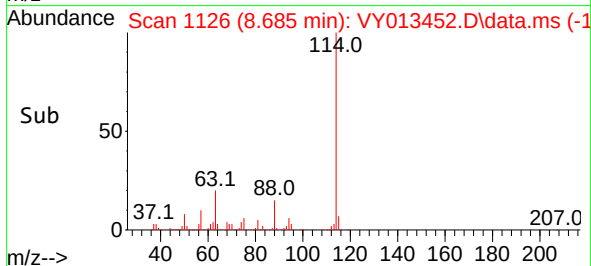
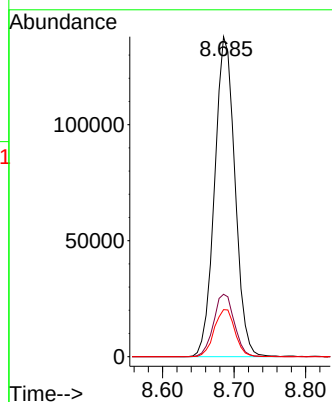
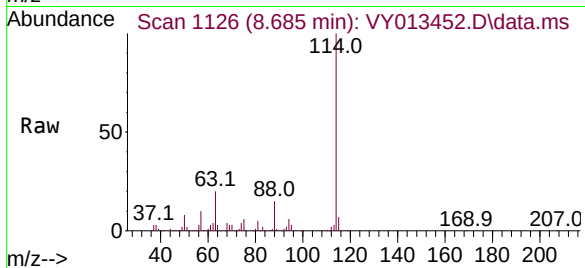
Tgt Ion:114 Resp: 272416

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.365 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013452.D

Acq: 25 Apr 2023 17:26

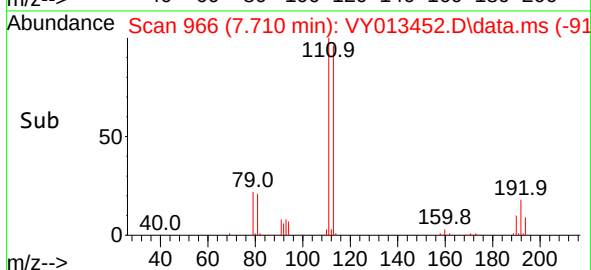
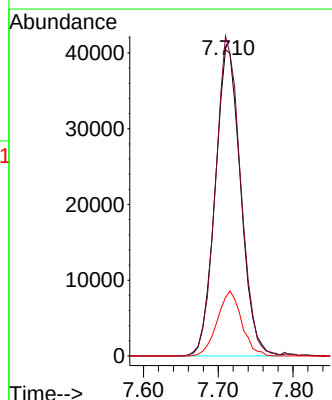
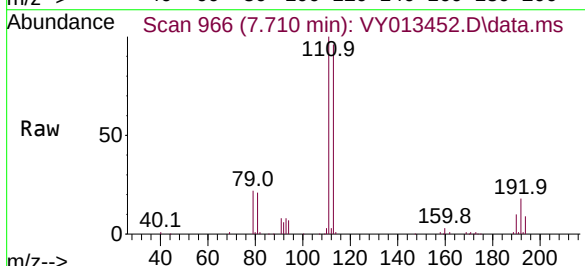
Tgt Ion:113 Resp: 96574

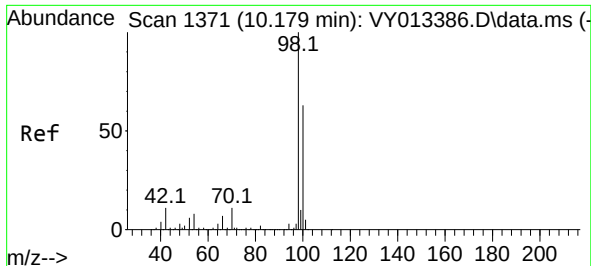
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 20.1 16.7 25.1

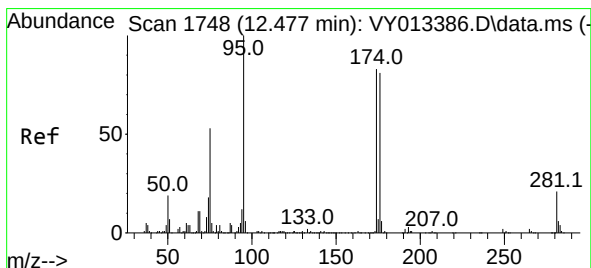
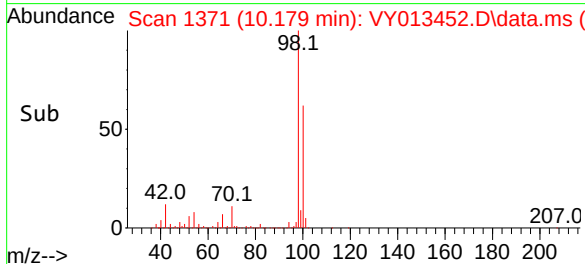
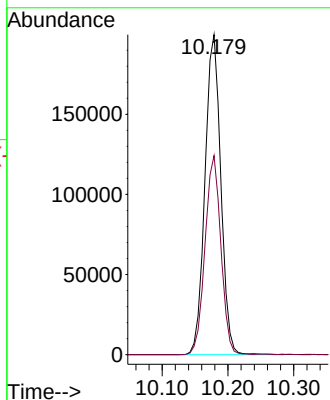
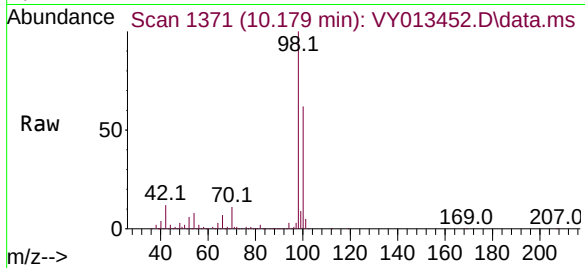




#50
Toluene-d8
Concen: 54.939 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

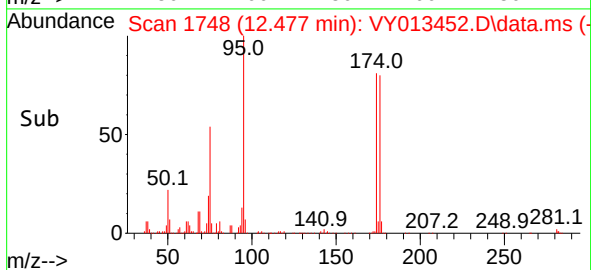
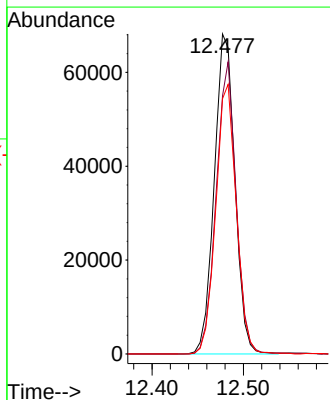
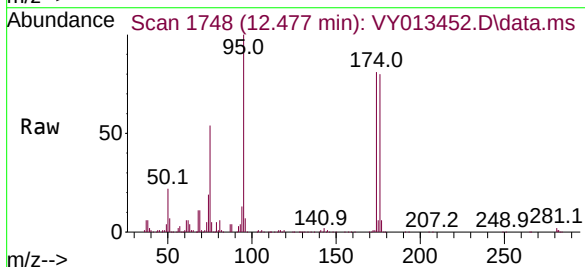
Instrument :
MSVOA_Y
ClientSampleId :
SPD-1WC-23-04-18

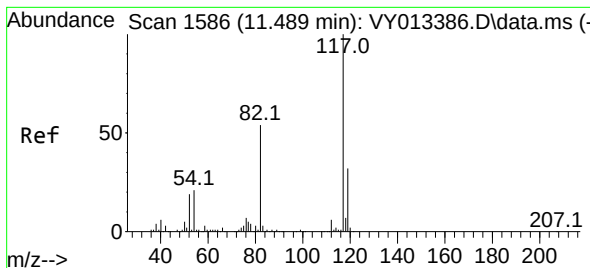
Tgt Ion: 98 Resp: 334863
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.986 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013452.D
Acq: 25 Apr 2023 17:26

Tgt Ion: 95 Resp: 106822
Ion Ratio Lower Upper
95 100
174 88.5 0.0 182.0
176 84.1 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013452.D

Acq: 25 Apr 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

SPD-1WC-23-04-18

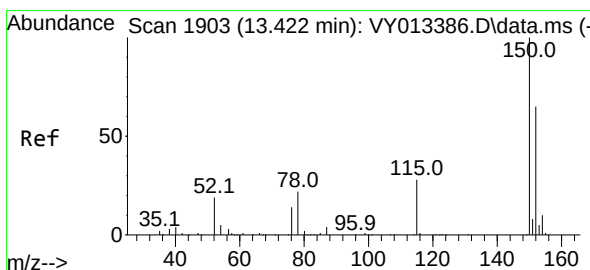
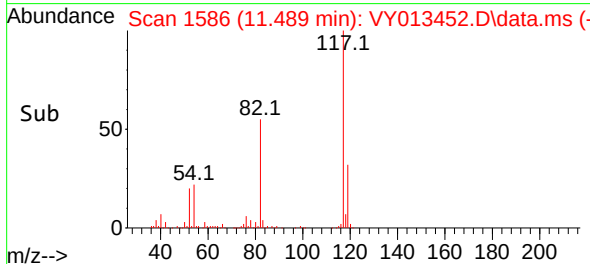
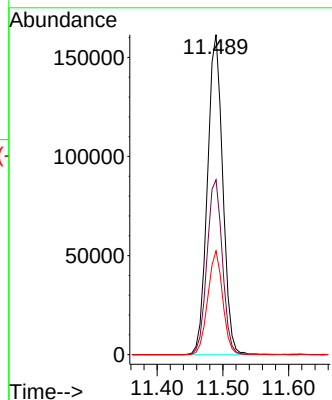
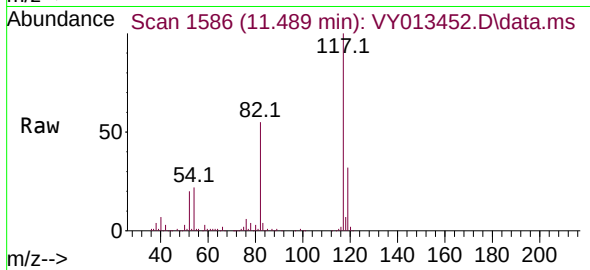
Tgt Ion:117 Resp: 261523

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.6

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013452.D

Acq: 25 Apr 2023 17:26

Tgt Ion:152 Resp: 120149

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 156.0 0.0 352.0

