

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014546.D
 Acq On : 03 Jul 2023 19:31
 Operator : KP/MD
 Sample : 03488-03
 Misc : 8.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-GRAB

Quant Time: Jul 04 03:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	267011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	426794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	419777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160289	60.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.700%
35) Dibromofluoromethane	7.715	113	143494	54.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.200%
50) Toluene-d8	10.178	98	512680	49.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.477	95	168052	46.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.160%

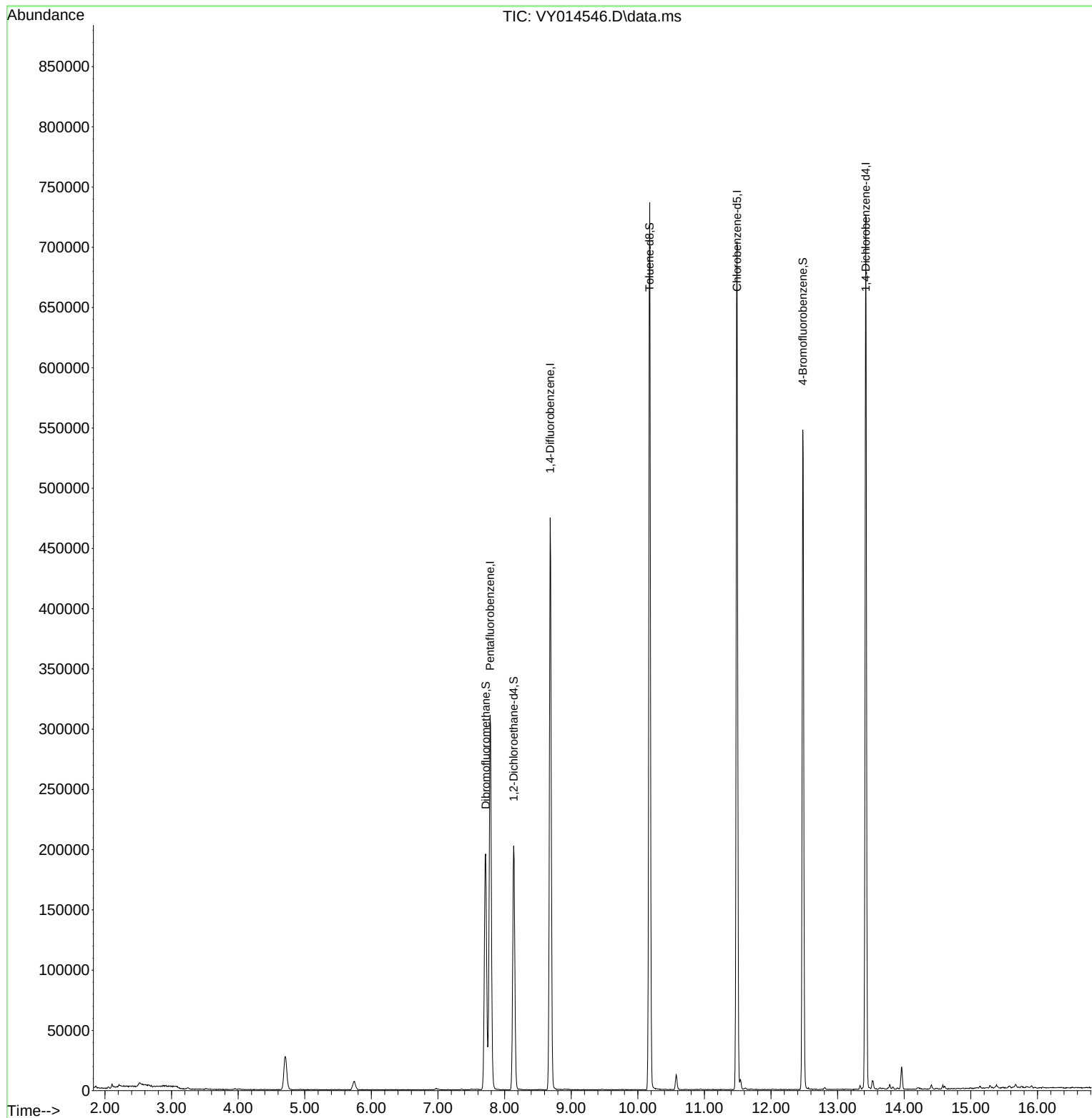
Target Compounds	Qvalue

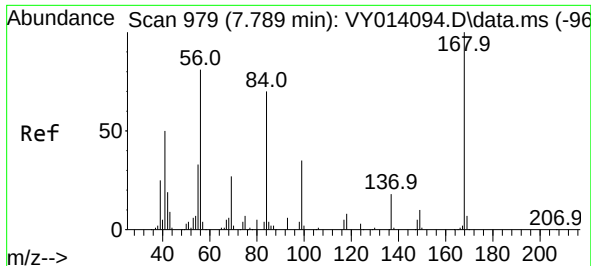
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
Data File : VY014546.D
Acq On : 03 Jul 2023 19:31
Operator : KP/MD
Sample : 03488-03
Misc : 8.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

Quant Time: Jul 04 03:05:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

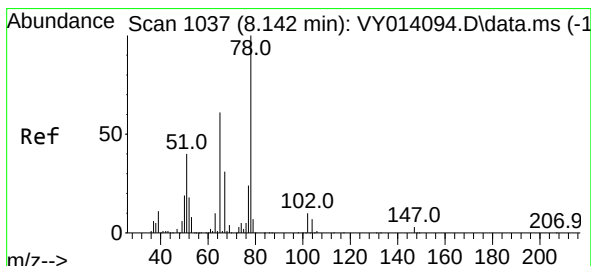
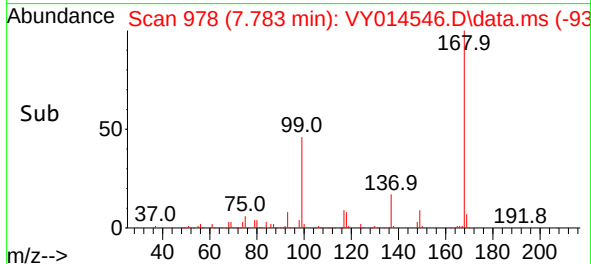
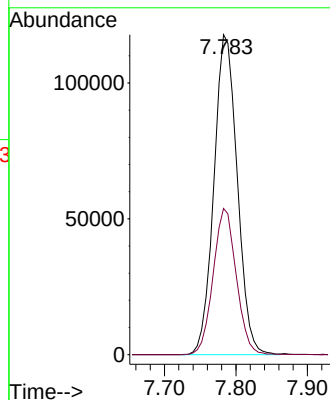
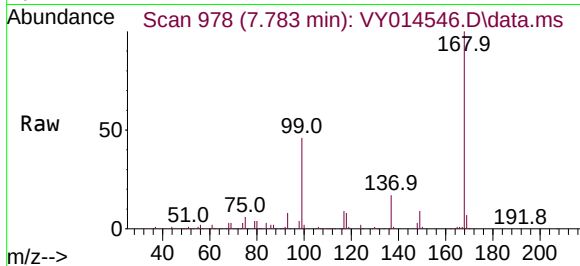




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

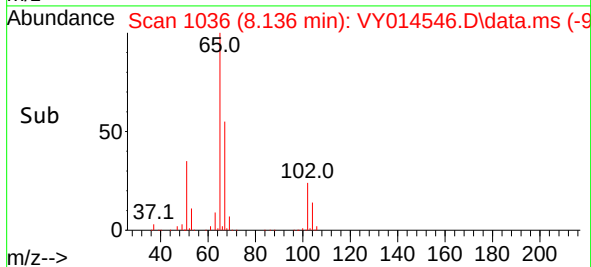
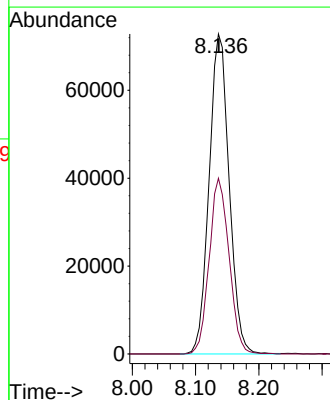
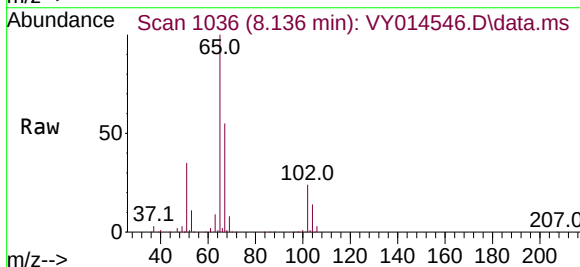
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

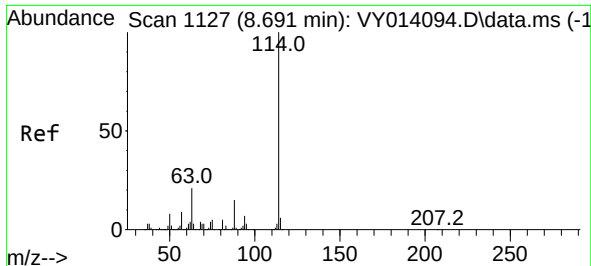
Tgt Ion:168 Resp: 267011
Ion Ratio Lower Upper
168 100
99 45.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.346 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Tgt Ion: 65 Resp: 160289
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014546.D

Acq: 03 Jul 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-GRAB

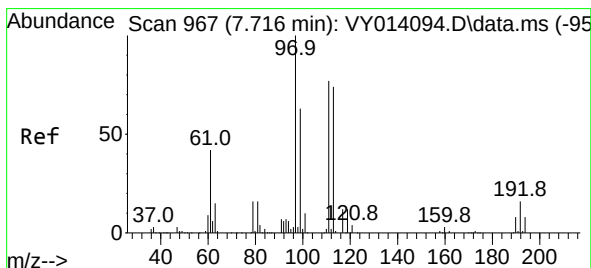
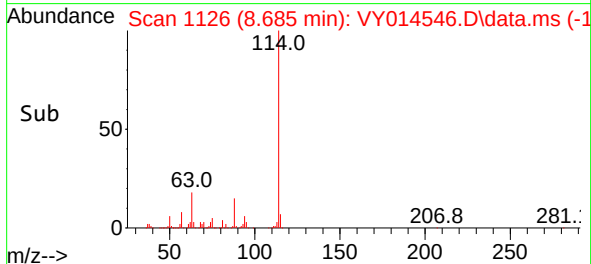
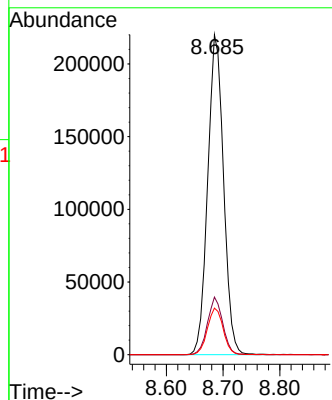
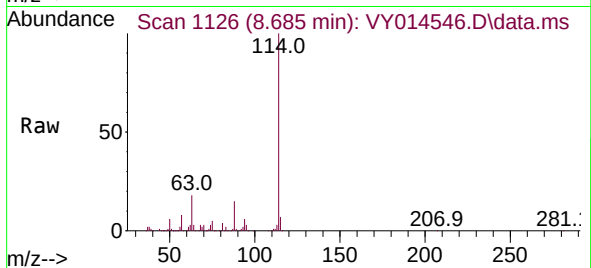
Tgt Ion:114 Resp: 426794

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.597 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014546.D

Acq: 03 Jul 2023 19:31

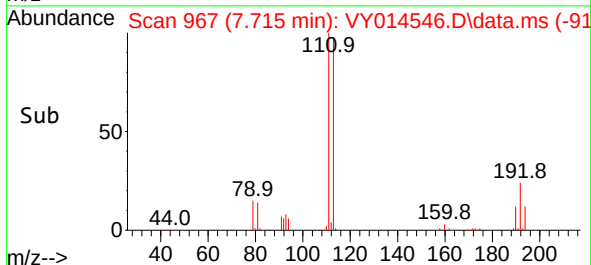
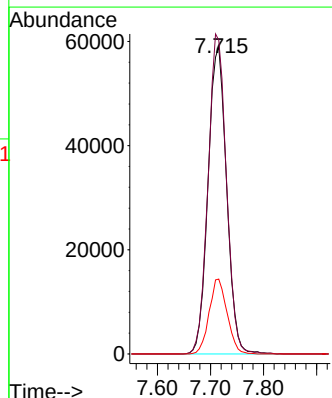
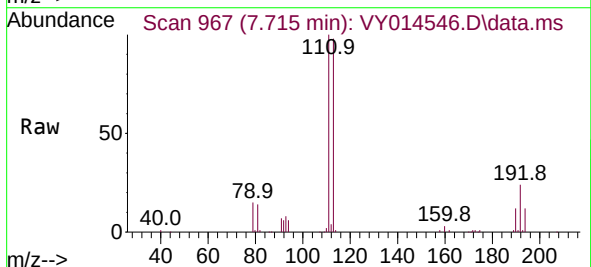
Tgt Ion:113 Resp: 143494

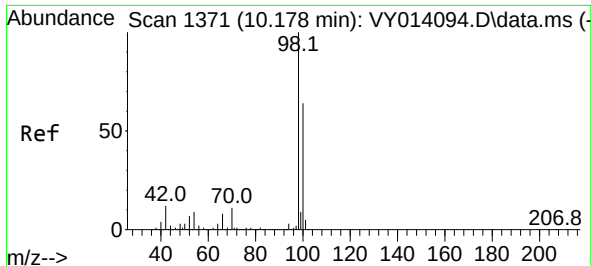
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 23.6 16.9 25.3

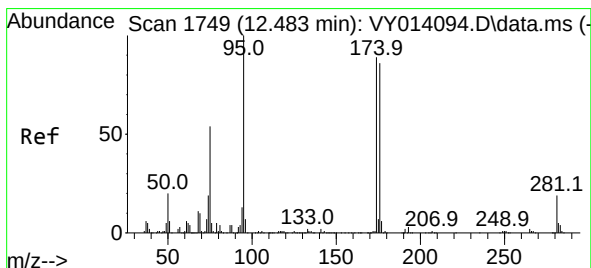
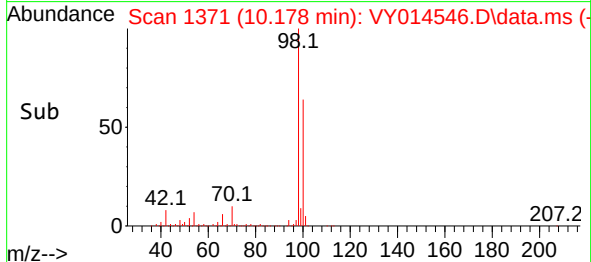
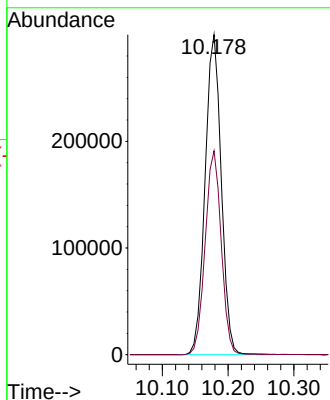
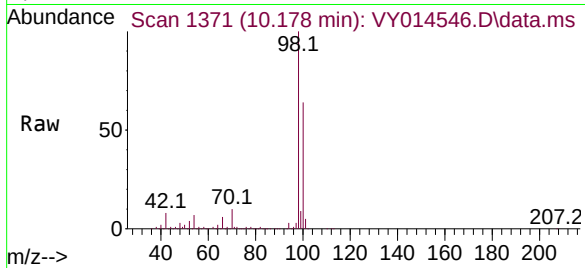




#50
Toluene-d8
Concen: 49.345 ug/l
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

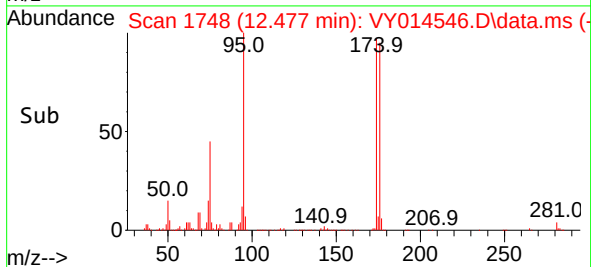
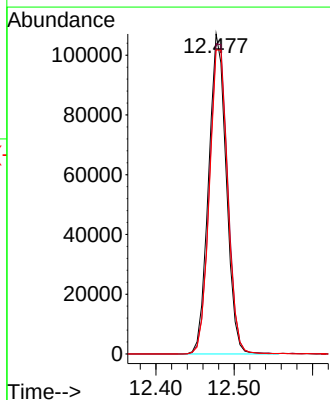
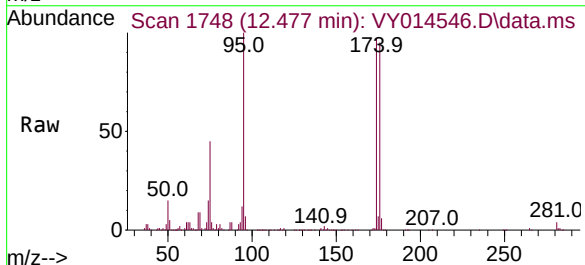
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

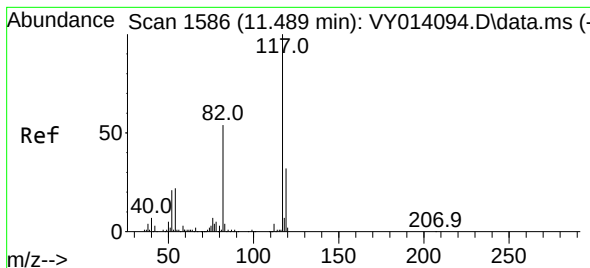
Tgt Ion: 98 Resp: 512680
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Tgt Ion: 95 Resp: 168052
Ion Ratio Lower Upper
95 100
174 100.7 0.0 178.2
176 97.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014546.D

Acq: 03 Jul 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-GRAB

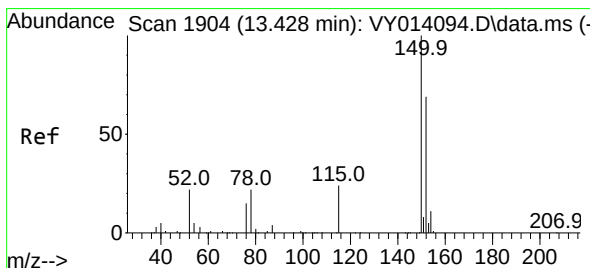
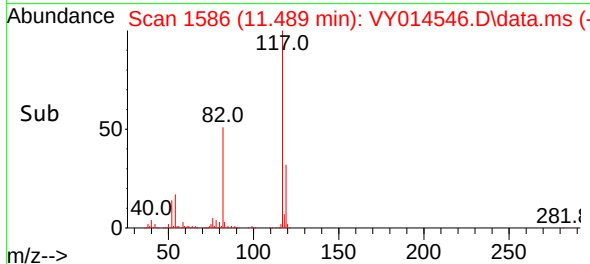
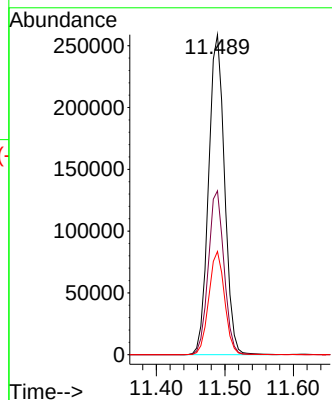
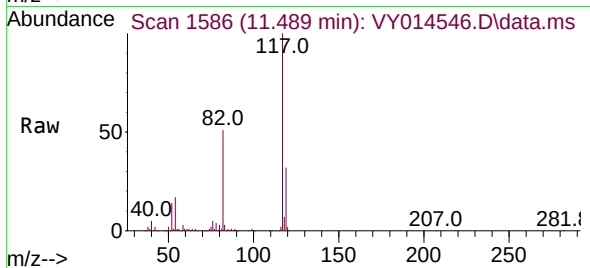
Tgt Ion:117 Resp: 419777

Ion Ratio Lower Upper

117 100

82 51.2 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014546.D

Acq: 03 Jul 2023 19:31

Tgt Ion:152 Resp: 201877

Ion Ratio Lower Upper

152 100

115 53.3 28.8 86.5

150 155.5 0.0 348.8

