

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014985.D
 Acq On : 08 Aug 2023 15:12
 Operator : SY/MD
 Sample : 03895-01
 Misc : 3.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MCLEAN-TP11

Quant Time: Aug 09 01:01:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	200890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134895	55.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.800%
35) Dibromofluoromethane	7.716	113	112814	49.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.179	98	434821	49.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.477	95	161981	52.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.800%

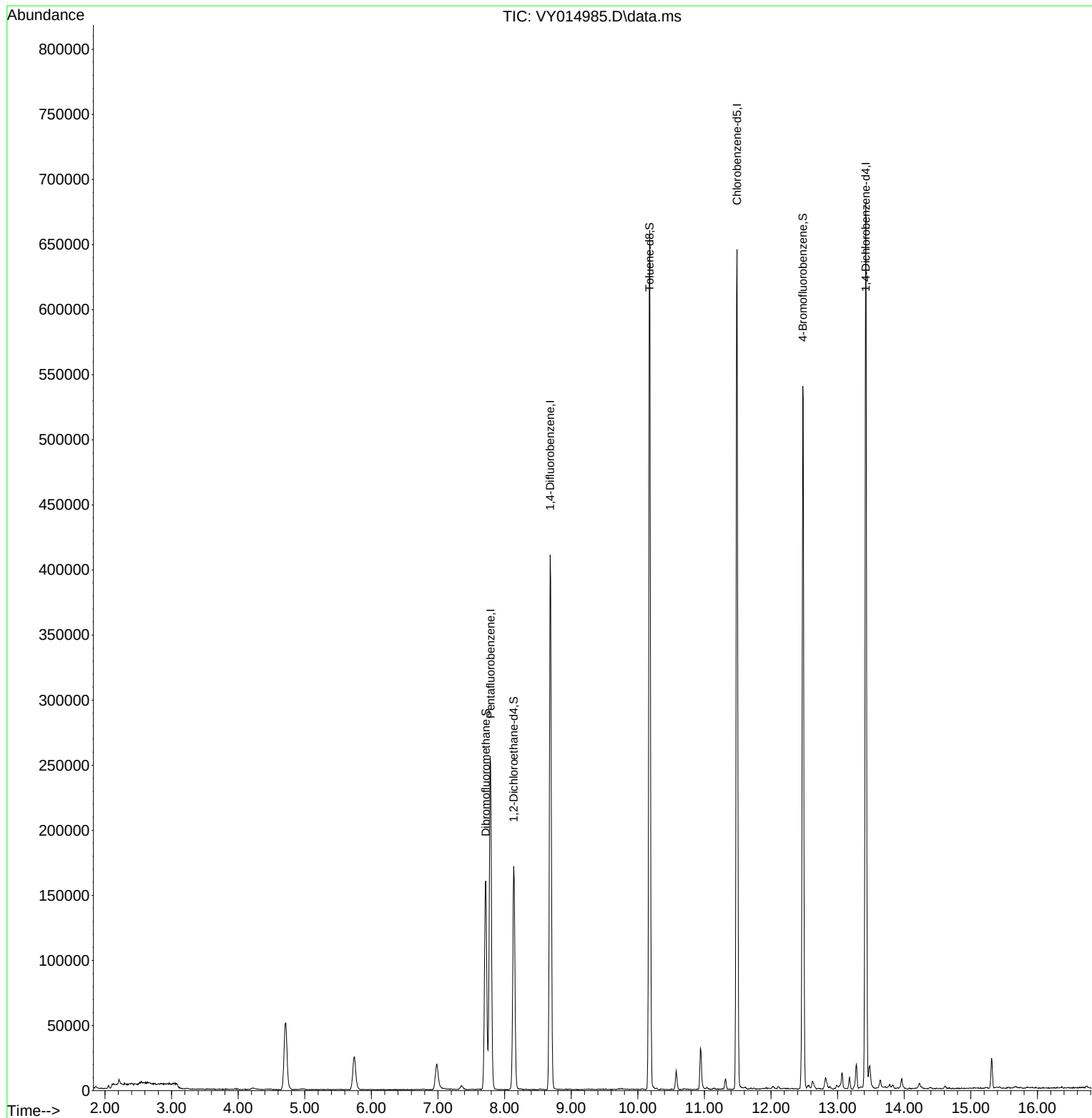
Target Compounds	Qvalue

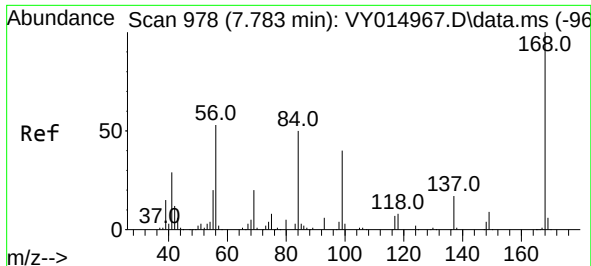
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
Data File : VY014985.D
Acq On : 08 Aug 2023 15:12
Operator : SY/MD
Sample : 03895-01
Misc : 3.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP11

Quant Time: Aug 09 01:01:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

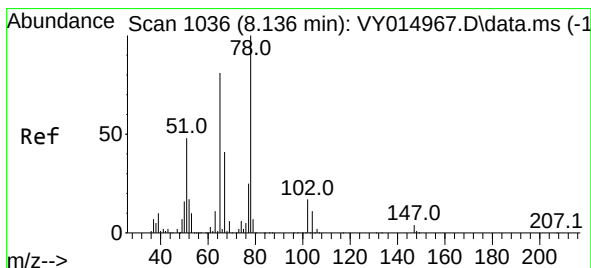
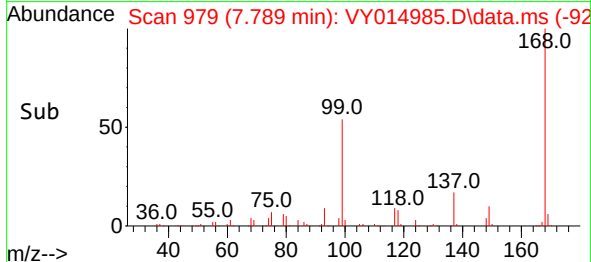
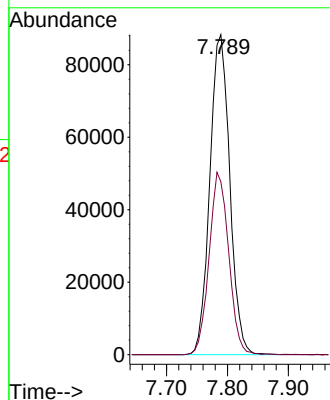
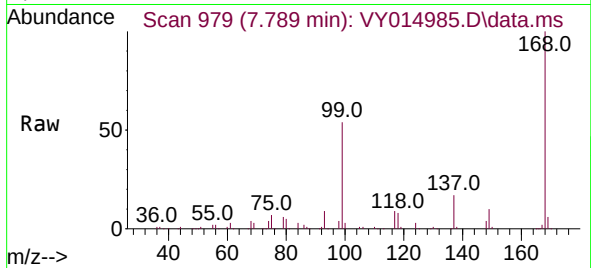




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014985.D
Acq: 08 Aug 2023 15:12

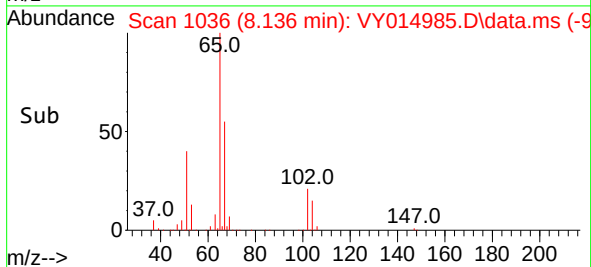
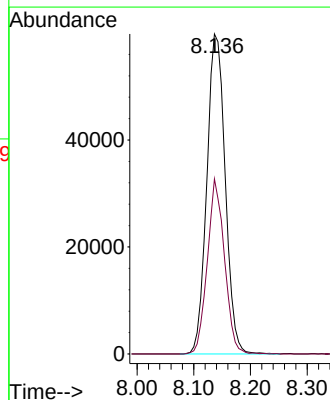
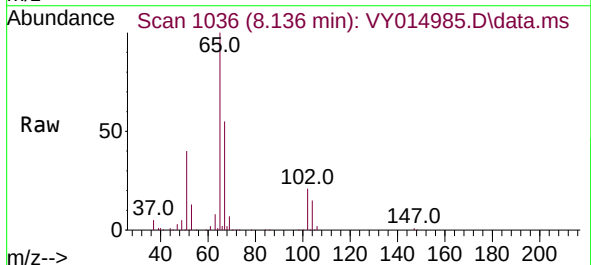
Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP11

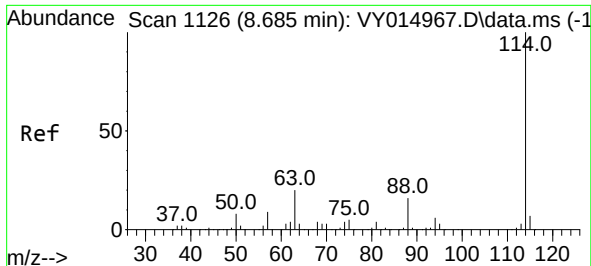
Tgt Ion:168 Resp: 200890
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.402 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014985.D
Acq: 08 Aug 2023 15:12

Tgt Ion: 65 Resp: 134895
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

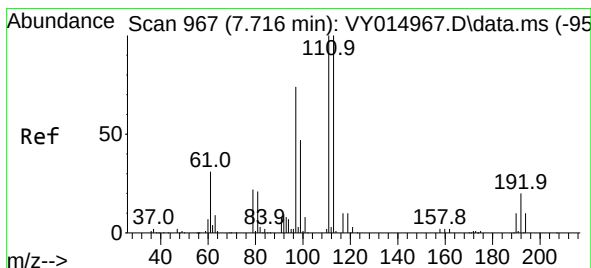
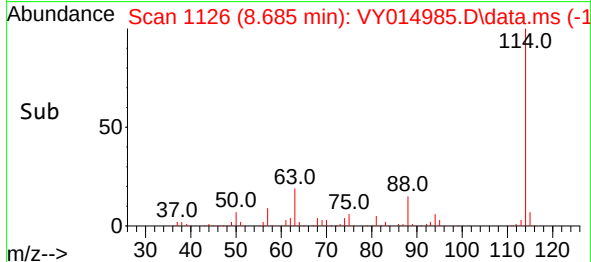
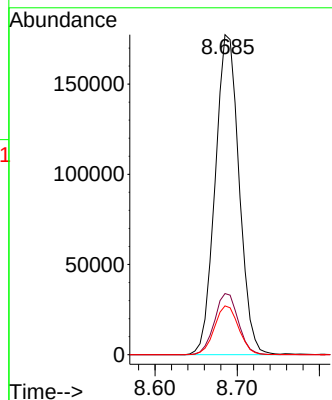
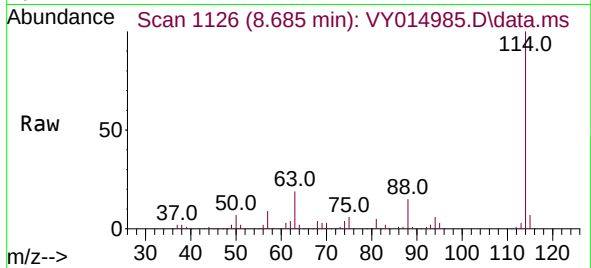




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014985.D
Acq: 08 Aug 2023 15:12

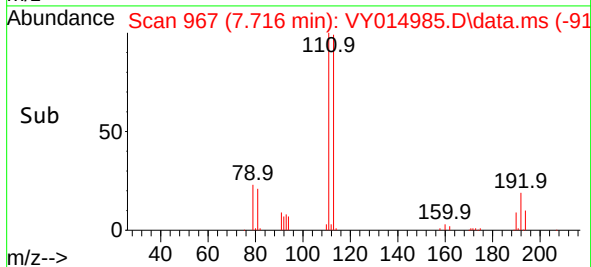
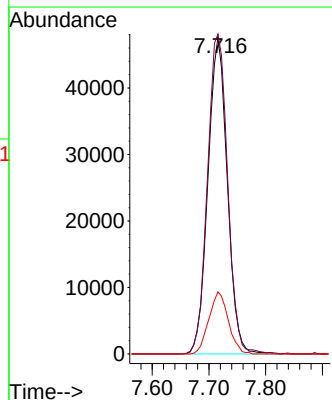
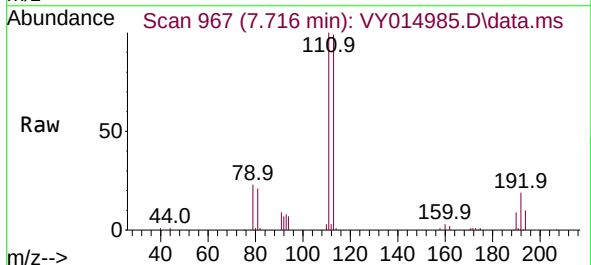
Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP11

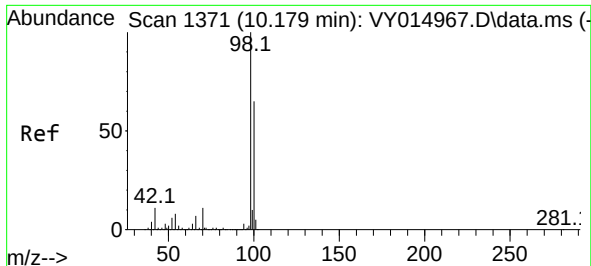
Tgt Ion:114 Resp: 358370
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.227 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY014985.D
Acq: 08 Aug 2023 15:12

Tgt Ion:113 Resp: 112814
Ion Ratio Lower Upper
113 100
111 104.8 81.3 121.9
192 19.7 16.9 25.3

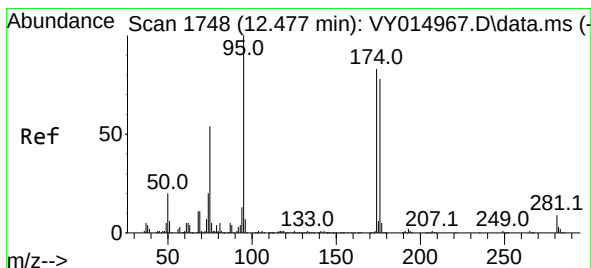
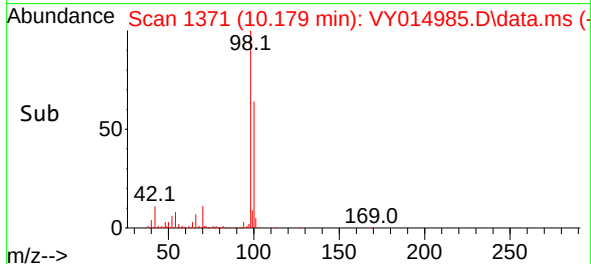
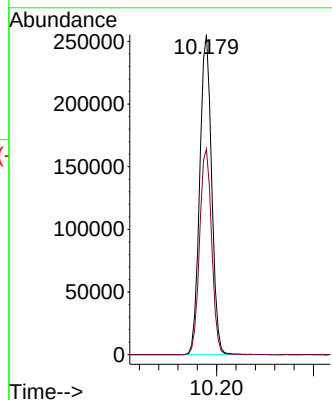
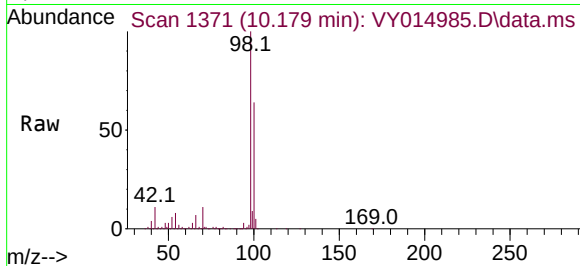




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014985.D
Acq: 08 Aug 2023 15:12

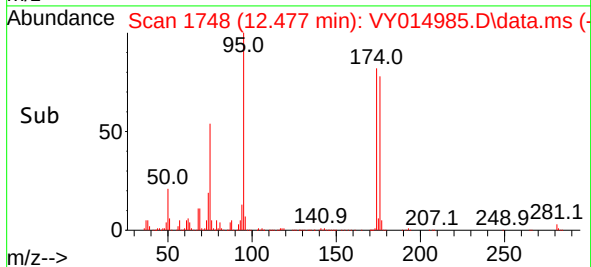
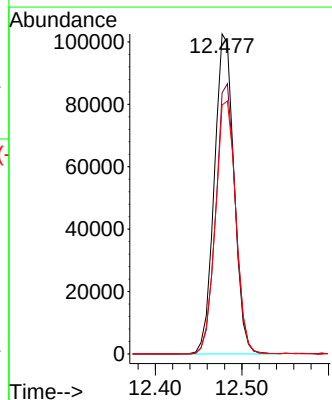
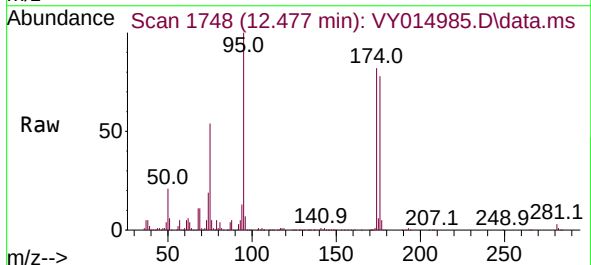
Instrument :
MSVOA_Y
ClientSampleId :
MCLEAN-TP11

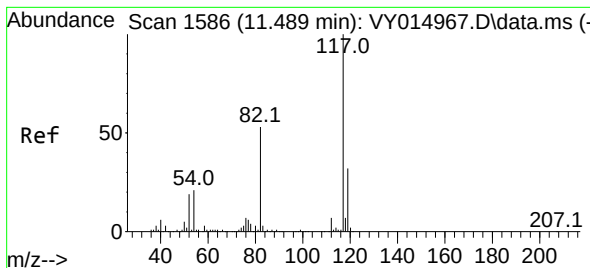
Tgt Ion: 98 Resp: 434821
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.396 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014985.D
Acq: 08 Aug 2023 15:12

Tgt Ion: 95 Resp: 161981
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014985.D

Acq: 08 Aug 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

MCLEAN-TP11

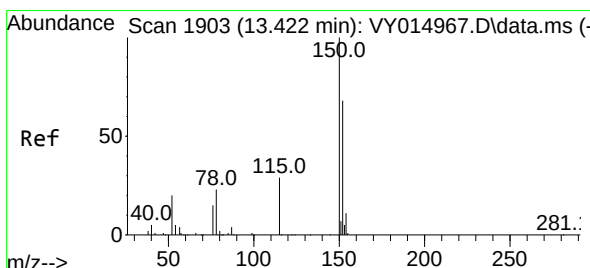
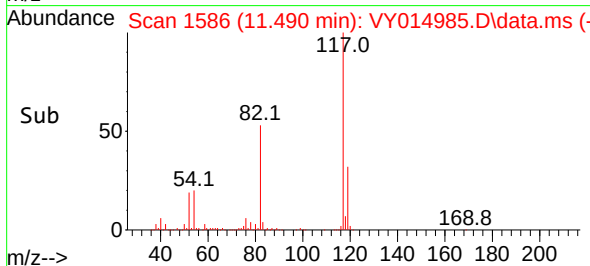
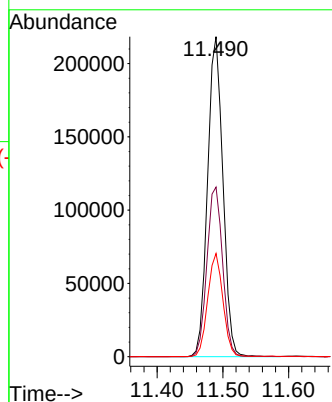
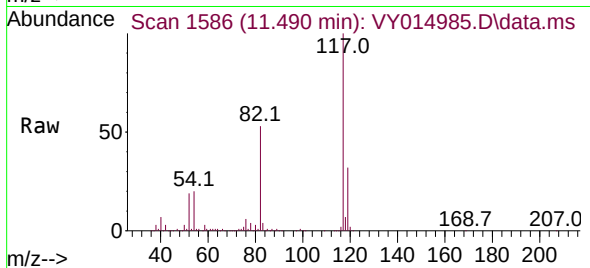
Tgt Ion:117 Resp: 353876

Ion Ratio Lower Upper

117 100

82 53.0 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. 0.000 min

Lab File: VY014985.D

Acq: 08 Aug 2023 15:12

Tgt Ion:152 Resp: 173375

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 158.1 0.0 348.8

