

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015055.D
 Acq On : 11 Aug 2023 13:33
 Operator : SY/MD
 Sample : 03956-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP23B

Quant Time: Aug 11 14:26:31 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	115965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	196459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72900	51.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.740%
35) Dibromofluoromethane	7.716	113	61338	48.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.179	98	231975	48.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.477	95	84211	49.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.380%

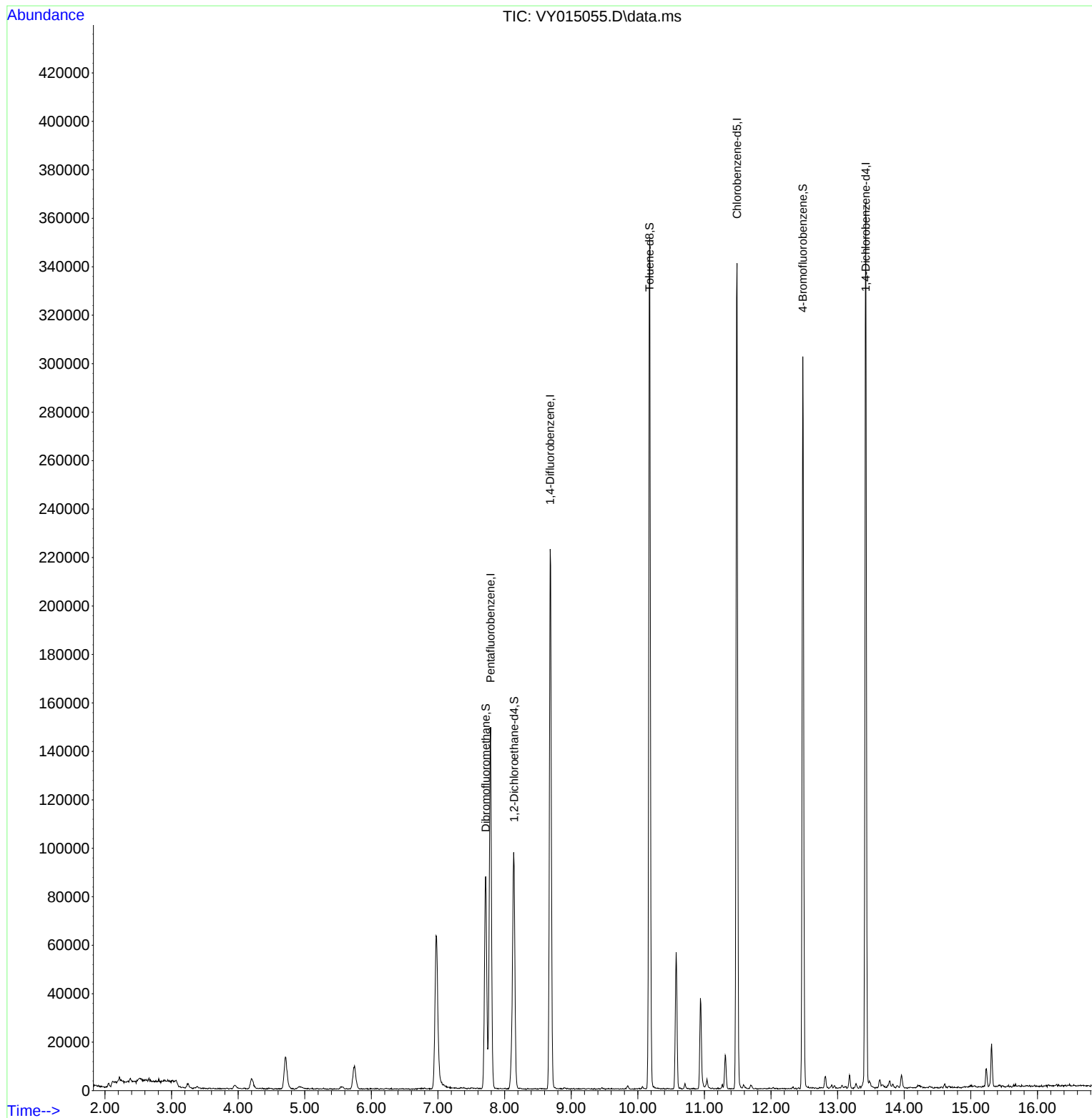
Target Compounds	Qvalue

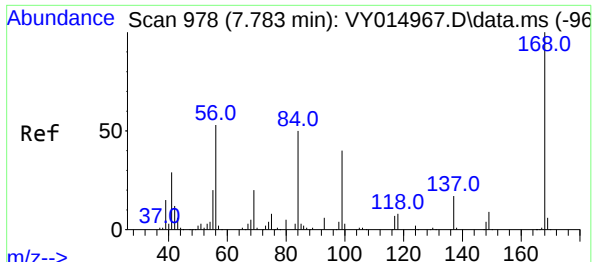
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
Data File : VY015055.D
Acq On : 11 Aug 2023 13:33
Operator : SY/MD
Sample : 03956-03
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Quant Time: Aug 11 14:26:31 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

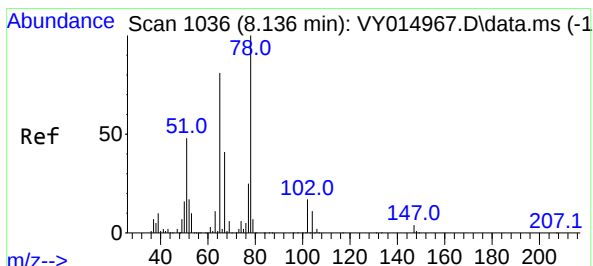
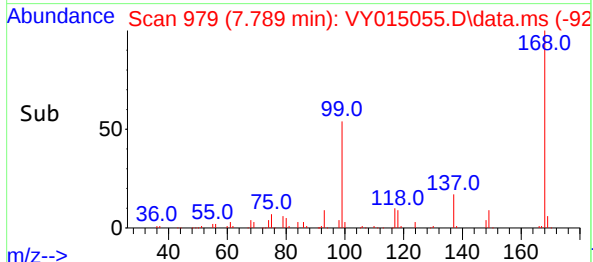
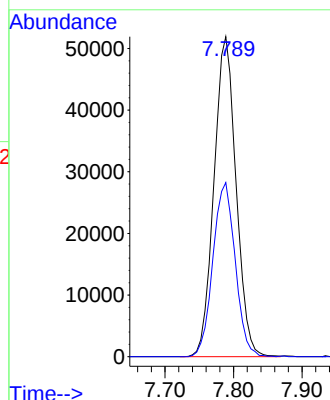
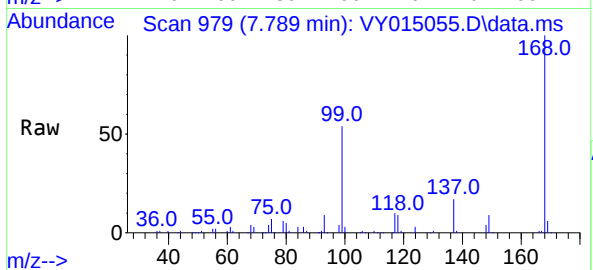




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015055.D
Acq: 11 Aug 2023 13:33

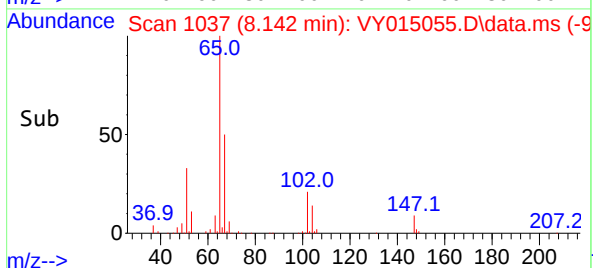
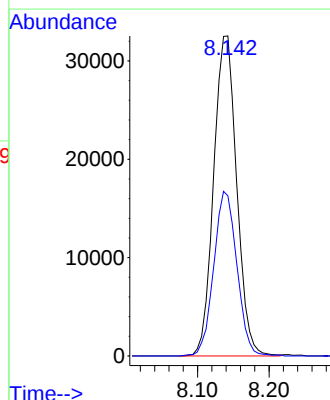
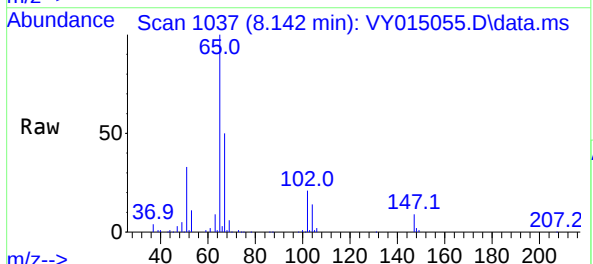
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

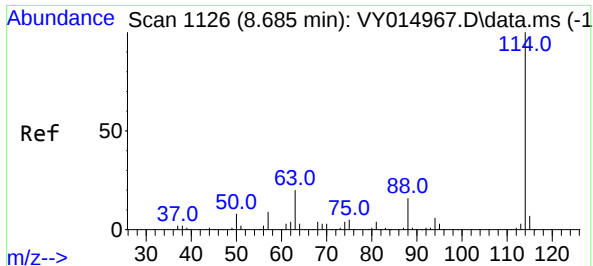
Tgt Ion:168 Resp: 115965
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.867 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015055.D
Acq: 11 Aug 2023 13:33

Tgt Ion: 65 Resp: 72900
Ion Ratio Lower Upper
65 100
67 51.7 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: VY015055.D

Acq: 11 Aug 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

B-PP23B

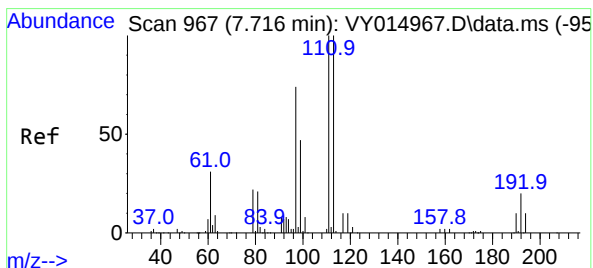
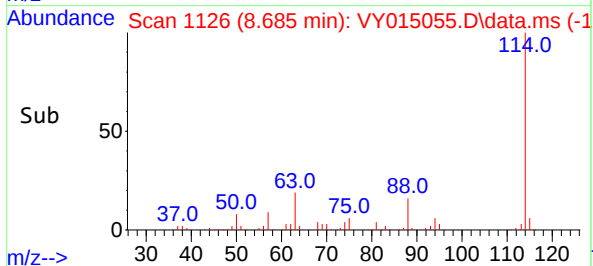
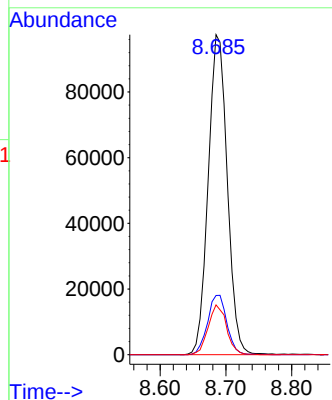
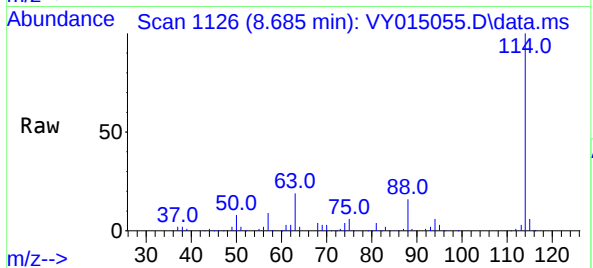
Tgt Ion:114 Resp: 196459

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.824 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015055.D

Acq: 11 Aug 2023 13:33

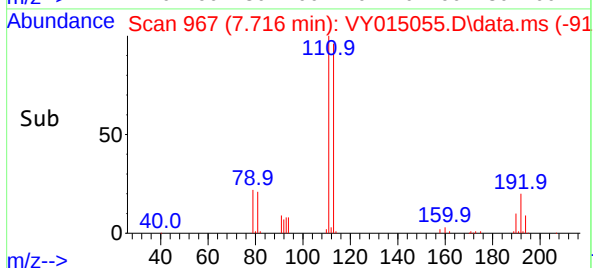
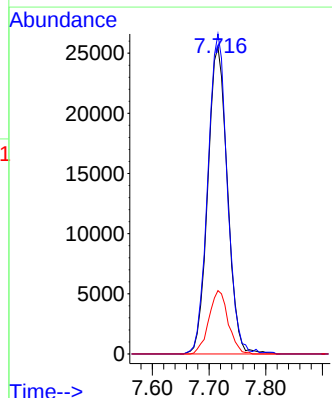
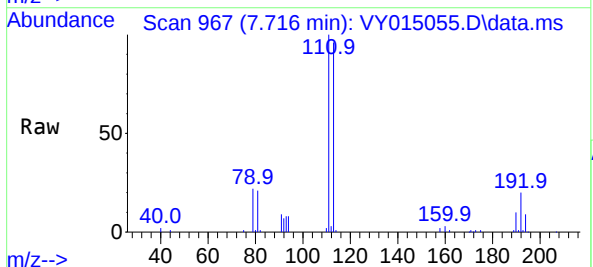
Tgt Ion:113 Resp: 61338

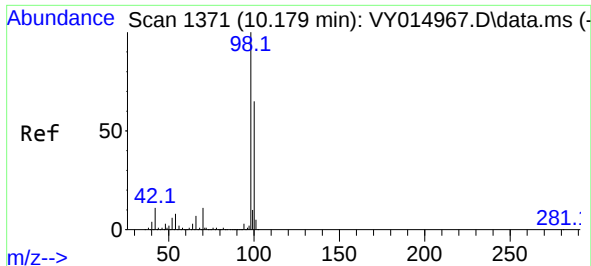
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 20.3 16.9 25.3

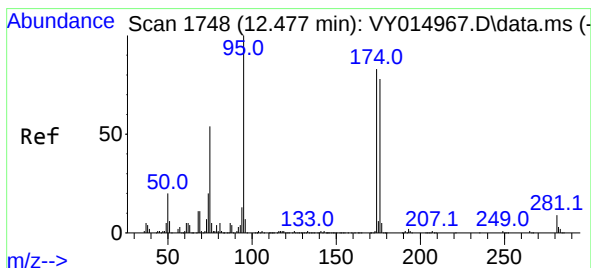
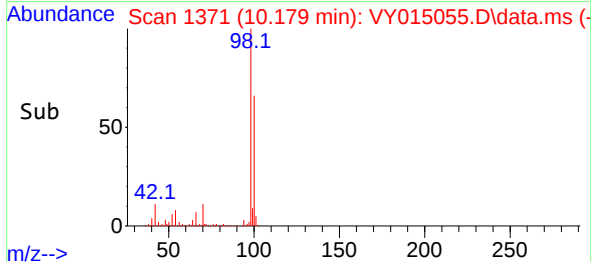
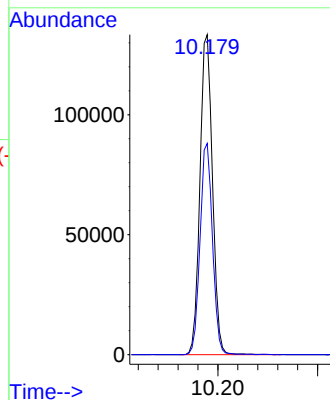
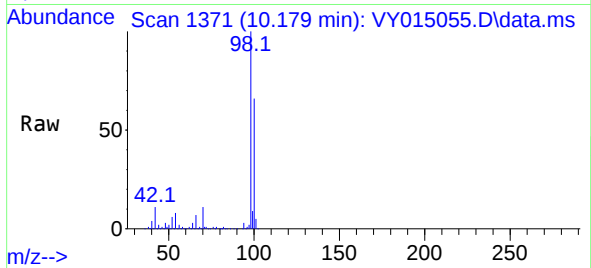




#50
Toluene-d8
Concen: 48.512 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015055.D
Acq: 11 Aug 2023 13:33

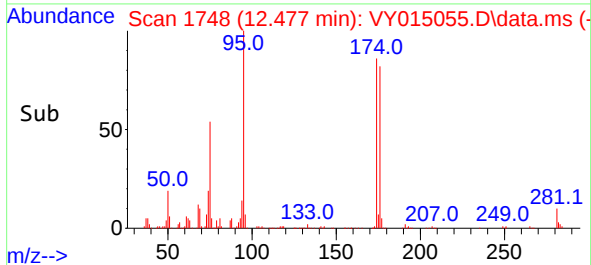
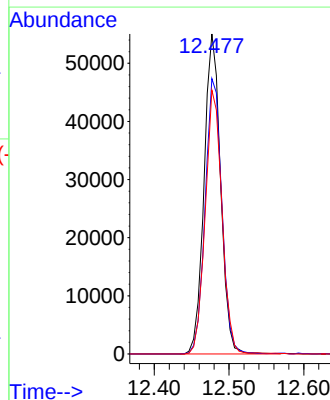
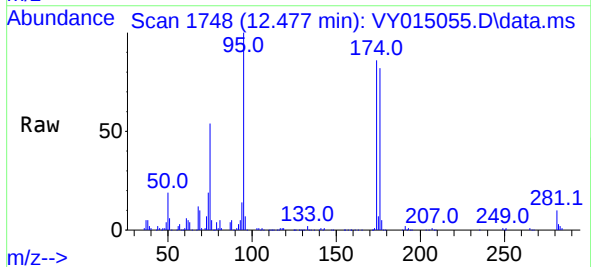
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

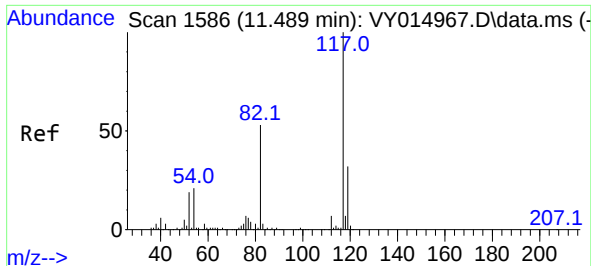
Tgt Ion: 98 Resp: 231975
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015055.D
Acq: 11 Aug 2023 13:33

Tgt Ion: 95 Resp: 84211
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.7 0.0 173.8

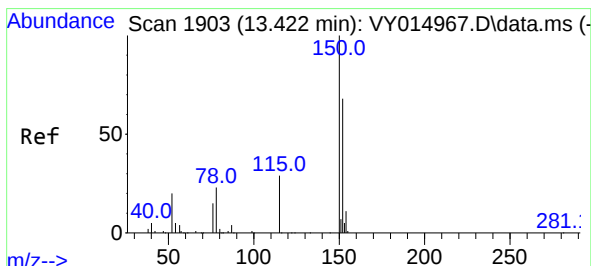
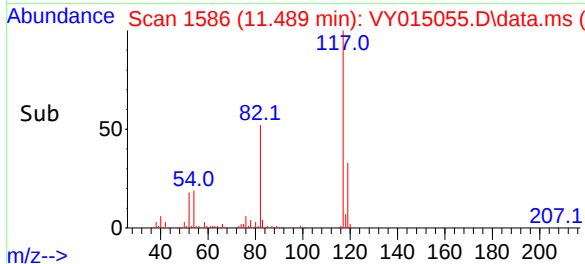
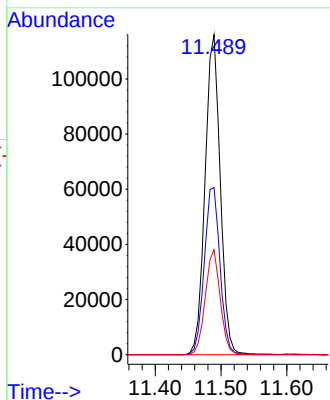
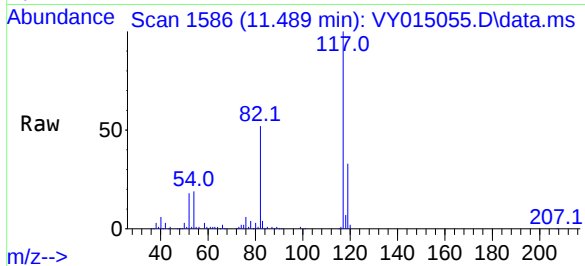




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015055.D
Acq: 11 Aug 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:117 Resp: 186844
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 32.8 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: VY015055.D
Acq: 11 Aug 2023 13:33

Tgt Ion:152 Resp: 91105
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 157.7 0.0 348.8

