

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015106.D
 Acq On : 15 Aug 2023 16:18
 Operator : SY/MD
 Sample : 03977-02RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: Aug 16 02:06:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	22602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	35712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	11048	40.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.440%
35) Dibromofluoromethane	7.716	113	9962	43.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.720%
50) Toluene-d8	10.179	98	41064	48.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.477	95	13711	43.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.780%

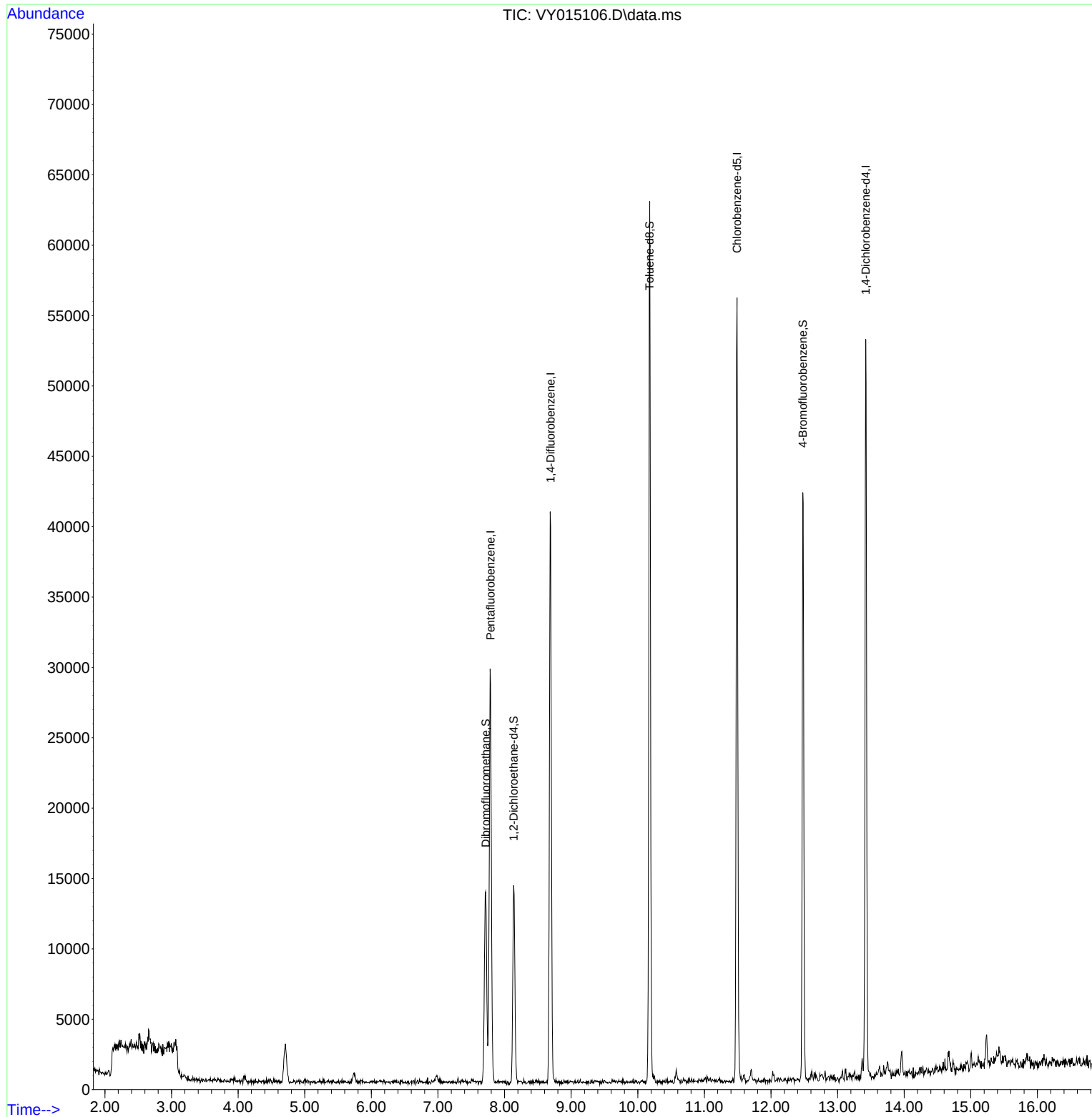
Target Compounds	Qvalue

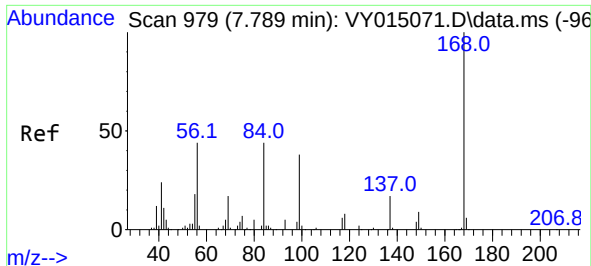
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015106.D
Acq On : 15 Aug 2023 16:18
Operator : SY/MD
Sample : 03977-02RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Quant Time: Aug 16 02:06:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

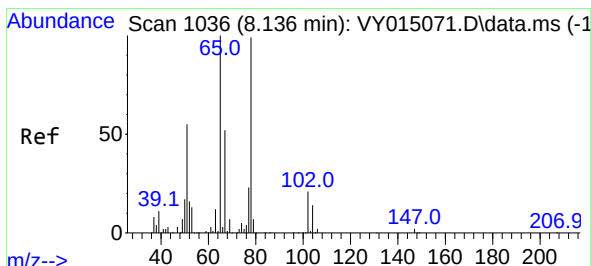
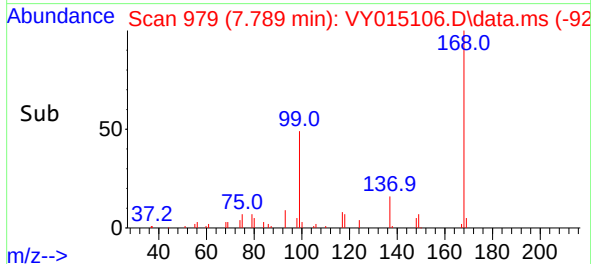
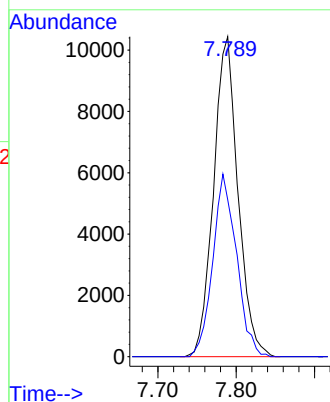
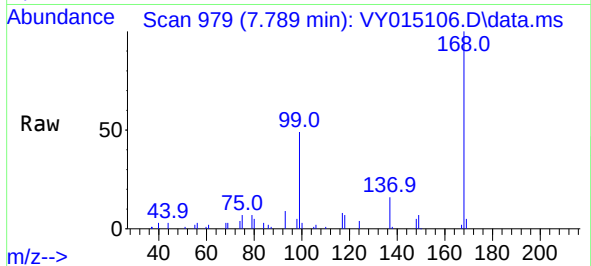




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015106.D
Acq: 15 Aug 2023 16:18

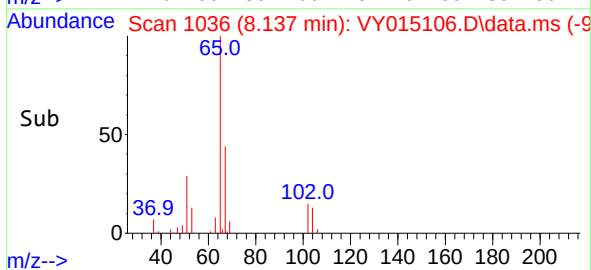
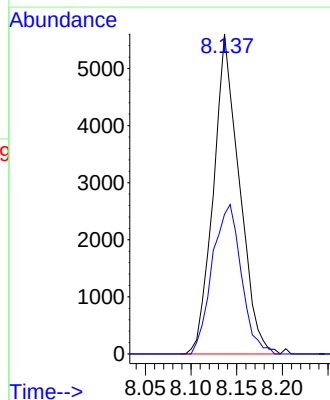
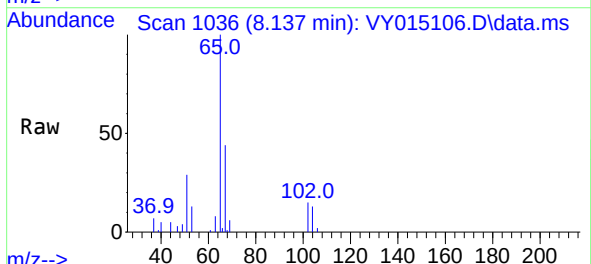
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

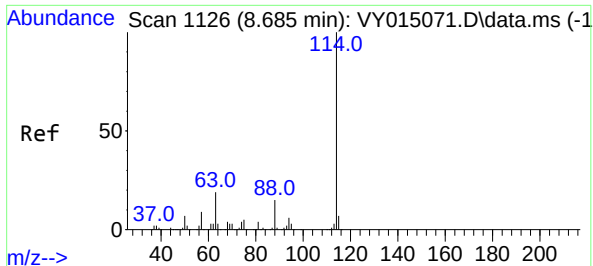
Tgt Ion:168 Resp: 22602
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 40.720 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015106.D
Acq: 15 Aug 2023 16:18

Tgt Ion: 65 Resp: 11048
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015106.D

Acq: 15 Aug 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

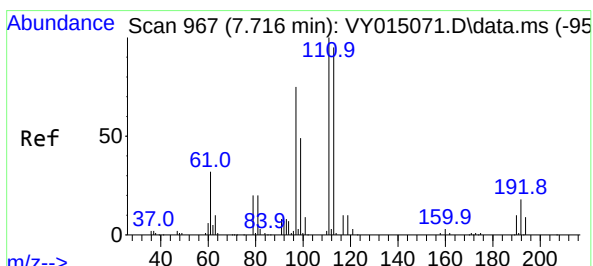
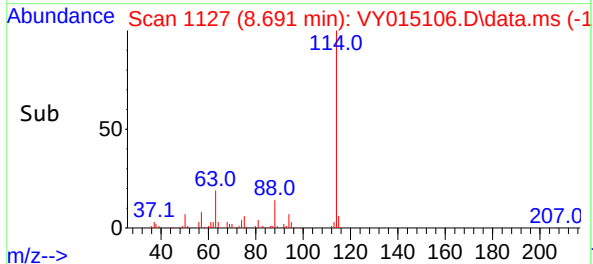
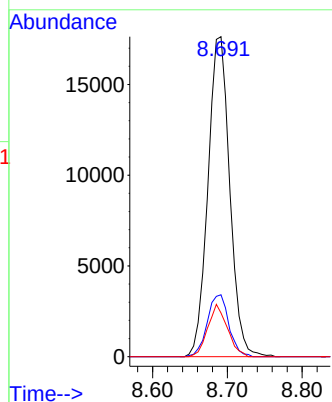
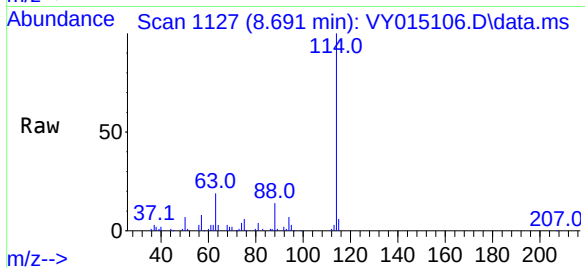
Tgt Ion:114 Resp: 35712

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.361 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015106.D

Acq: 15 Aug 2023 16:18

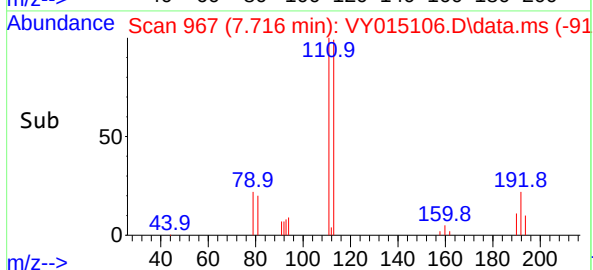
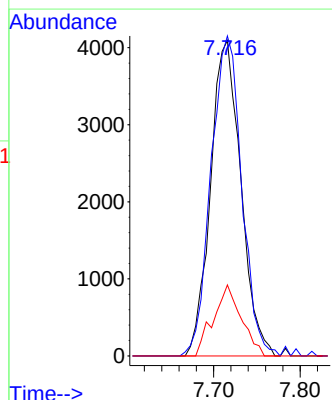
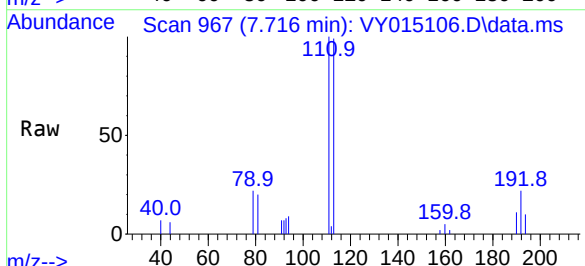
Tgt Ion:113 Resp: 9962

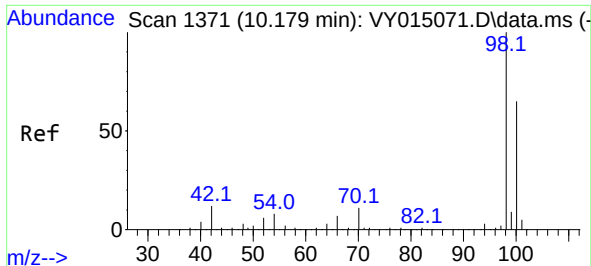
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 20.6 16.9 25.3

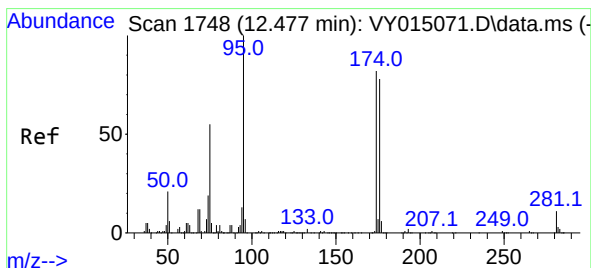
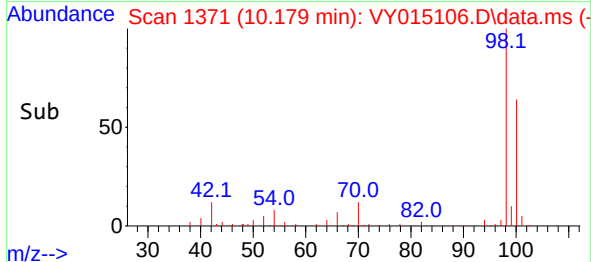
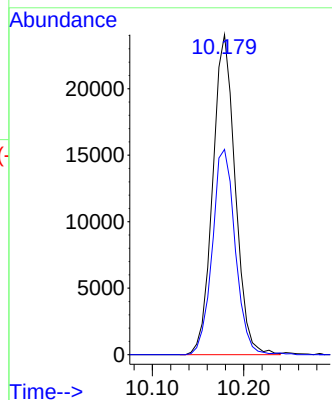
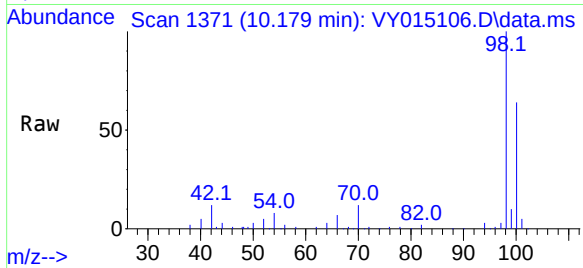




#50
Toluene-d8
Concen: 48.014 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015106.D
Acq: 15 Aug 2023 16:18

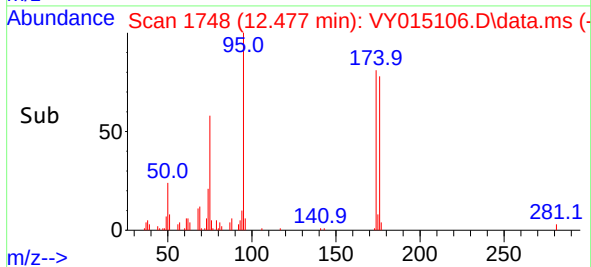
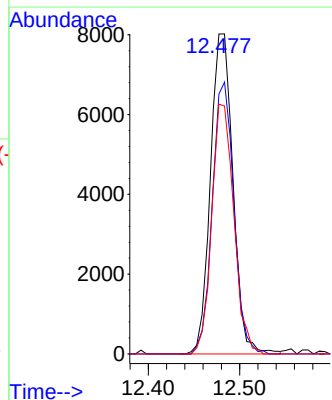
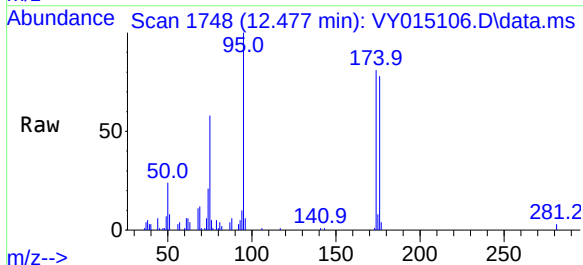
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

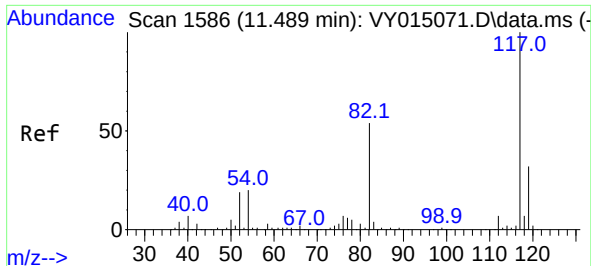
Tgt Ion: 98 Resp: 41064
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.892 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015106.D
Acq: 15 Aug 2023 16:18

Tgt Ion: 95 Resp: 13711
Ion Ratio Lower Upper
95 100
174 81.7 0.0 178.2
176 76.4 0.0 173.8

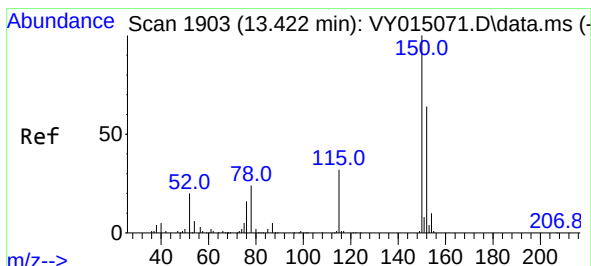
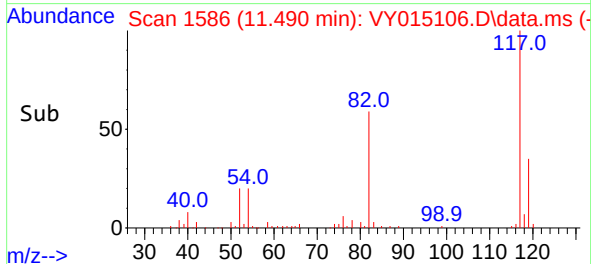
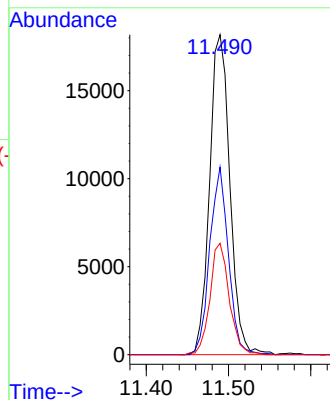
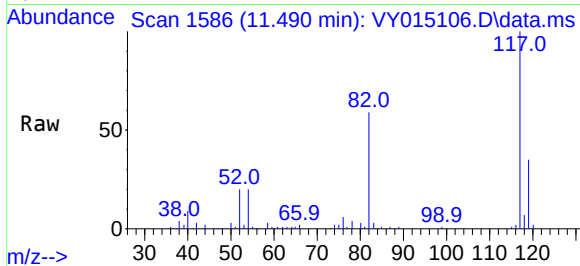




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015106.D
Acq: 15 Aug 2023 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Tgt Ion:117 Resp: 31192
Ion Ratio Lower Upper
117 100
82 58.6 43.4 65.0
119 34.8 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: VY015106.D
Acq: 15 Aug 2023 16:18

Tgt Ion:152 Resp: 13608
Ion Ratio Lower Upper
152 100
115 61.6 28.8 86.5
150 164.1 0.0 348.8

