

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011777.D
 Acq On : 12 Dec 2022 17:27
 Operator : KP/MD
 Sample : N6024-01
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-Q

Quant Time: Dec 13 00:20:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	67040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	60775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18527	67.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.320%
35) Dibromofluoromethane	7.716	113	17844	60.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.480%
50) Toluene-d8	10.179	98	44591	44.998	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.000%
62) 4-Bromofluorobenzene	12.483	95	15553	39.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.020%

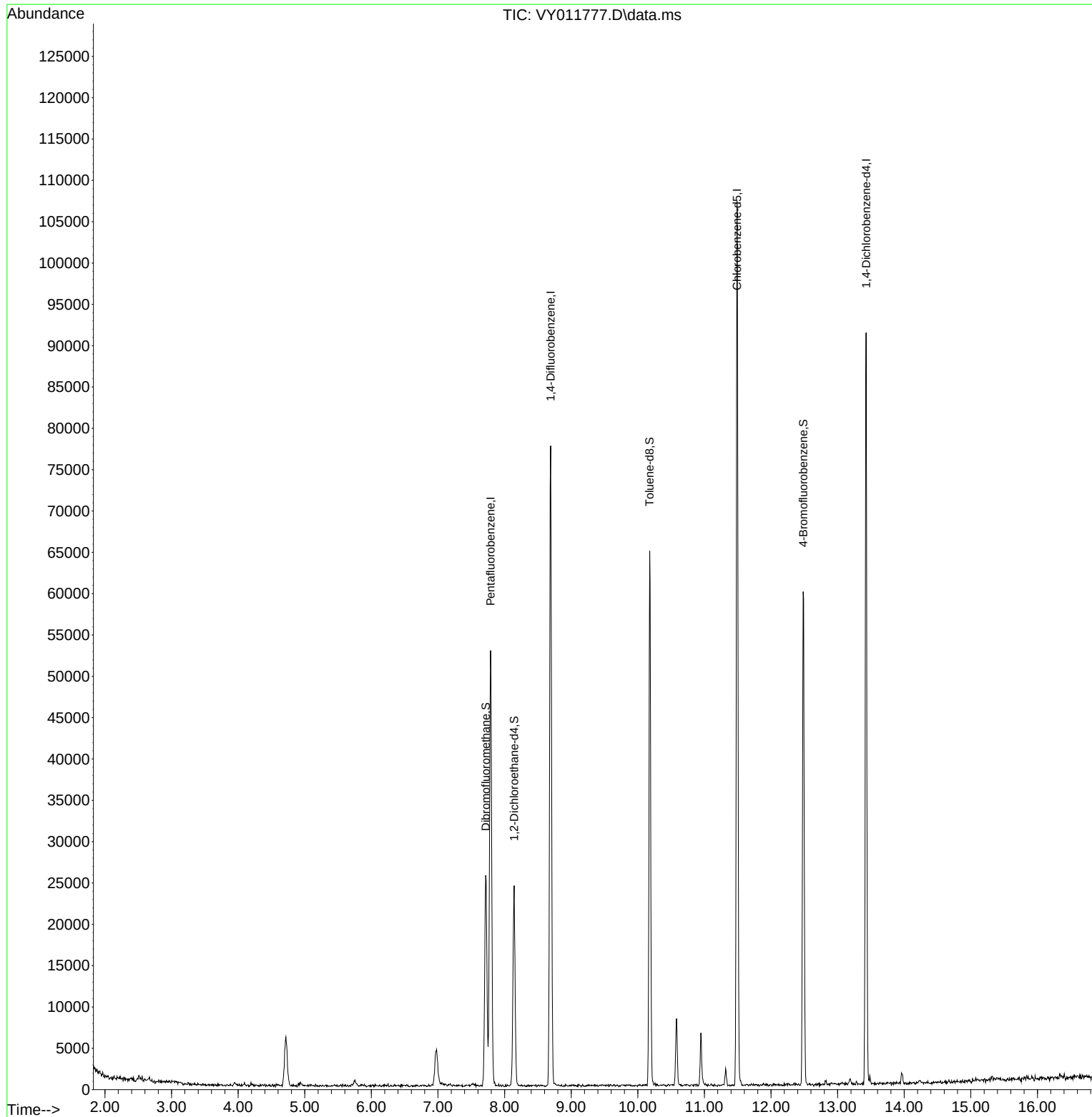
Target Compounds	Qvalue

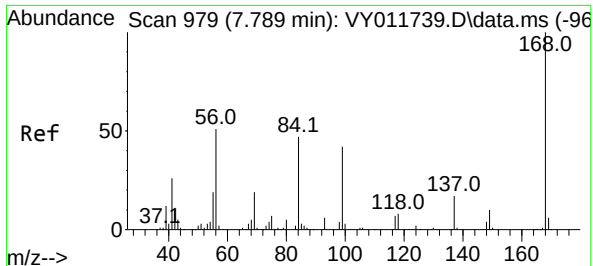
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
Data File : VY011777.D
Acq On : 12 Dec 2022 17:27
Operator : KP/MD
Sample : N6024-01
Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

Quant Time: Dec 13 00:20:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

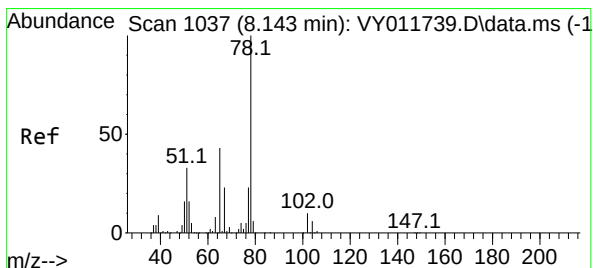
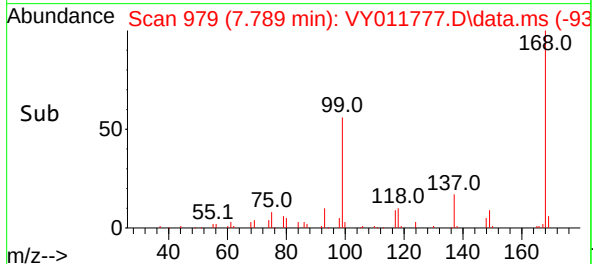
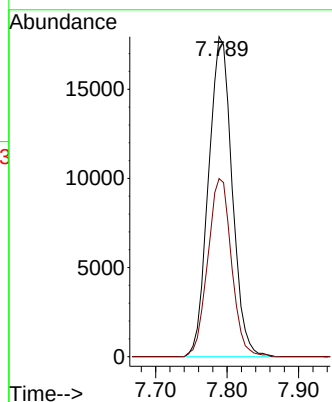
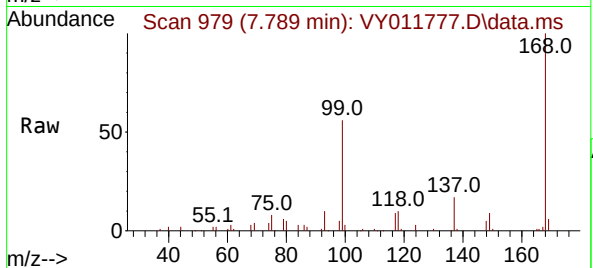




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

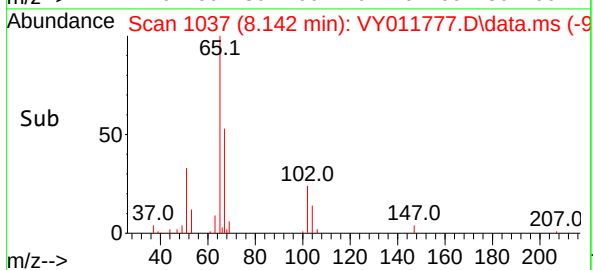
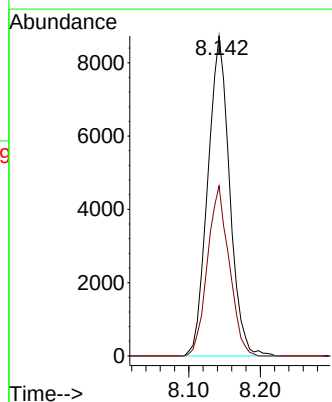
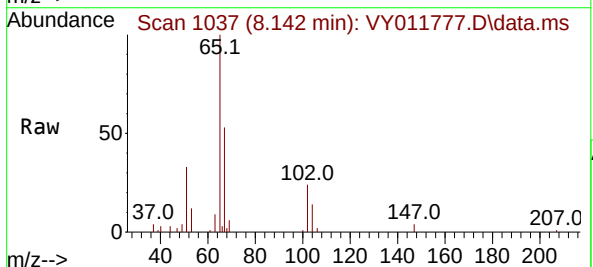
Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

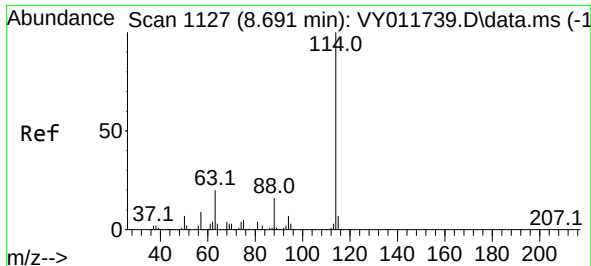
Tgt Ion:168 Resp: 41159
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 67.657 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion: 65 Resp: 18527
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011777.D

Acq: 12 Dec 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-Q

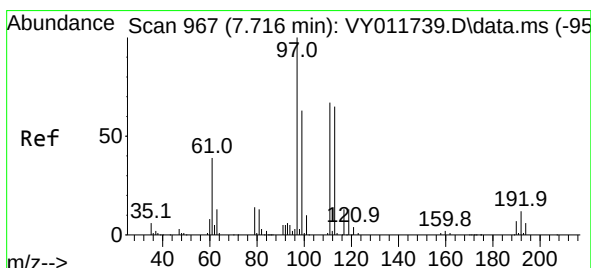
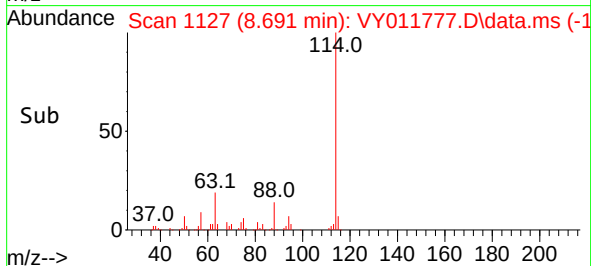
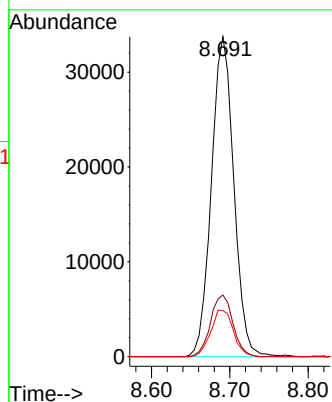
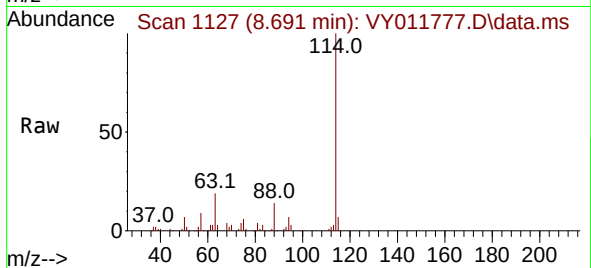
Tgt Ion:114 Resp: 67040

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 60.744 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011777.D

Acq: 12 Dec 2022 17:27

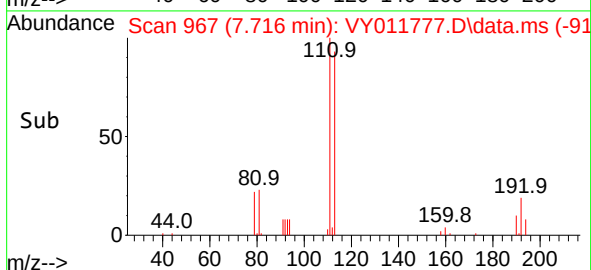
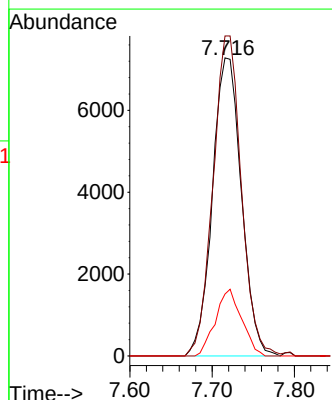
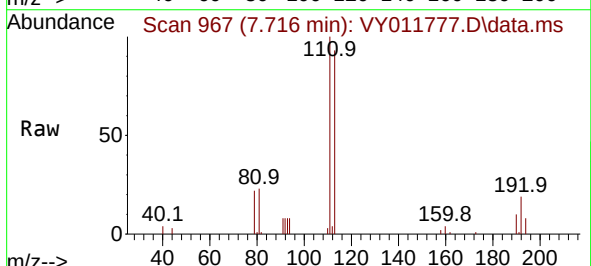
Tgt Ion:113 Resp: 17844

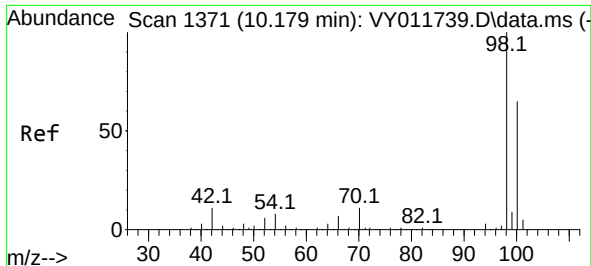
Ion Ratio Lower Upper

113 100

111 105.1 83.0 124.4

192 20.2 16.0 24.0

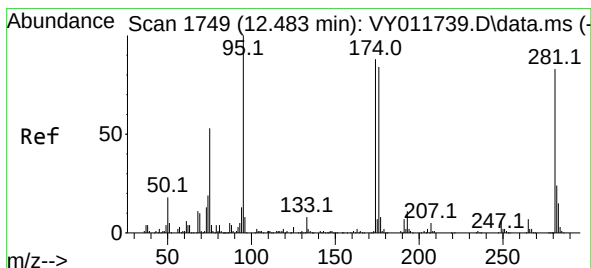
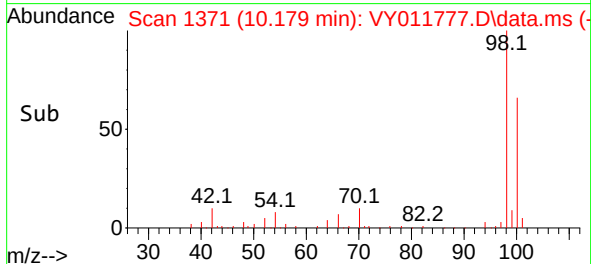
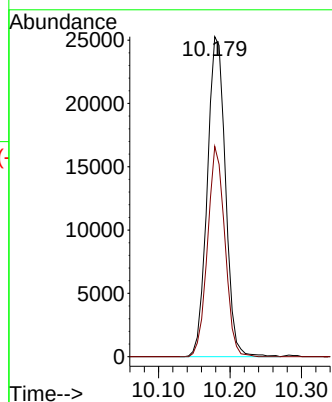
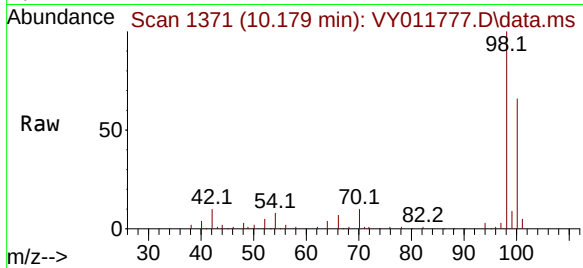




#50
Toluene-d8
Concen: 44.998 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

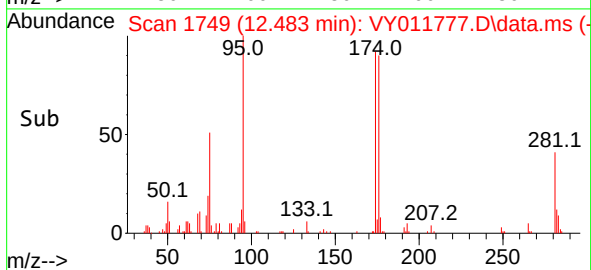
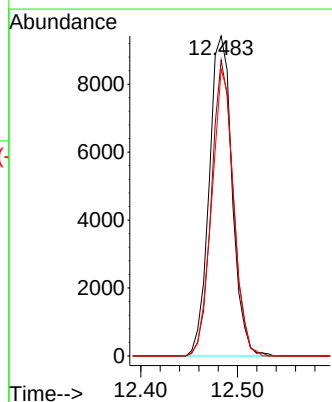
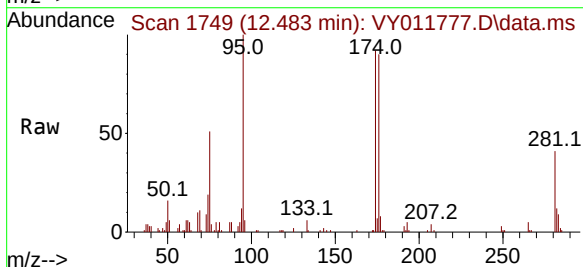
Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

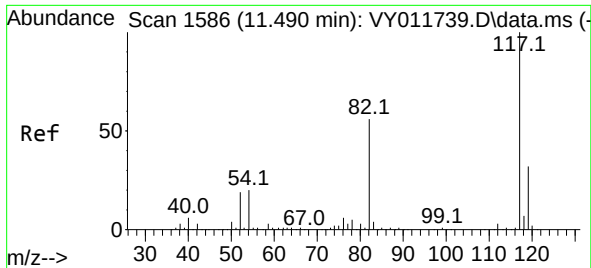
Tgt Ion: 98 Resp: 44591
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion: 95 Resp: 15553
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.0
176 85.6 0.0 167.6

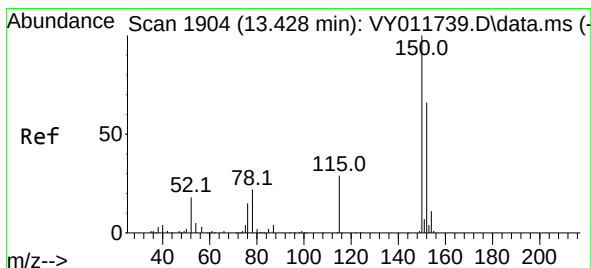
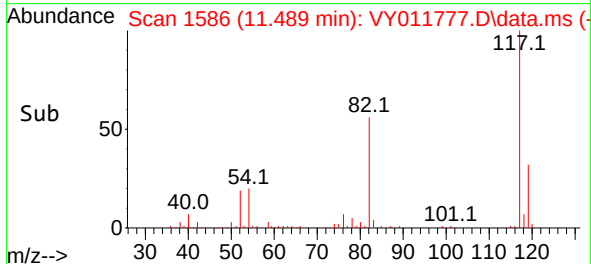
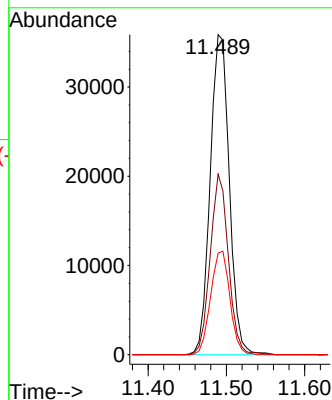
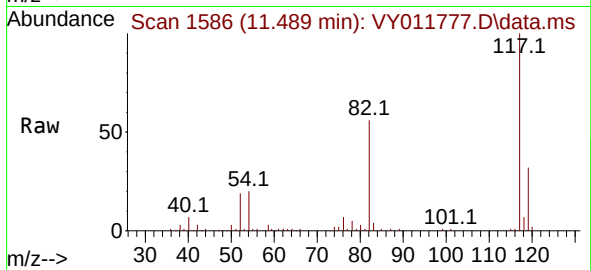




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-Q

Tgt Ion:117 Resp: 60775
Ion Ratio Lower Upper
117 100
82 56.4 44.8 67.2
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011777.D
Acq: 12 Dec 2022 17:27

Tgt Ion:152 Resp: 24778
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 158.7 0.0 342.6

