

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015126.D
 Acq On : 16 Aug 2023 00:55
 Operator : SY/MD
 Sample : 03972-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 367

Quant Time: Aug 16 04:26:05 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	7.795	168	50850	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	87086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	84877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	33547	54.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.920%
35) Dibromofluoromethane	7.722	113	27922	49.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.185	98	103365	49.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.483	95	38707	50.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.620%

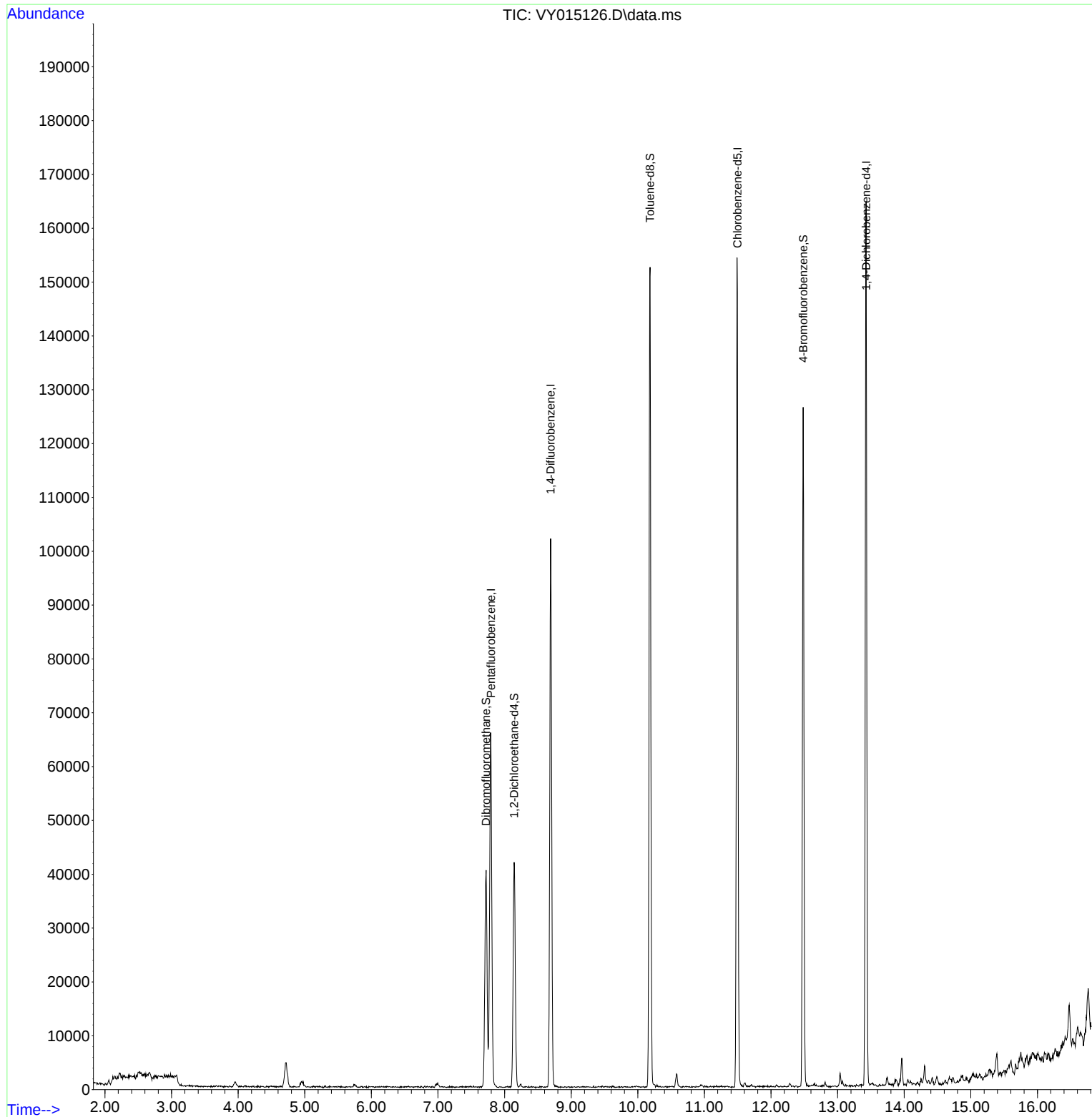
Target Compounds	Qvalue

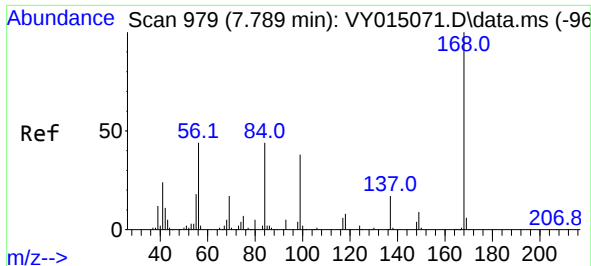
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015126.D
Acq On : 16 Aug 2023 00:55
Operator : SY/MD
Sample : 03972-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
367

Quant Time: Aug 16 04:26:05 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

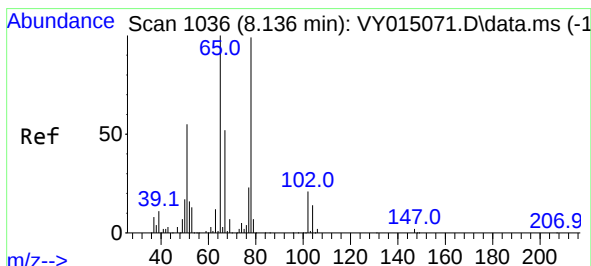
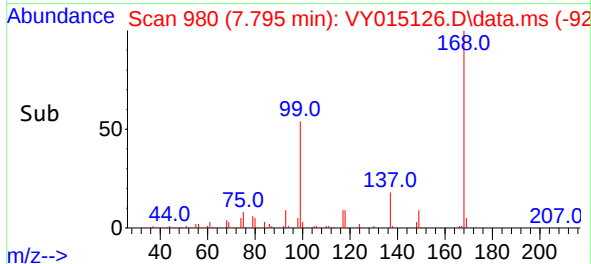
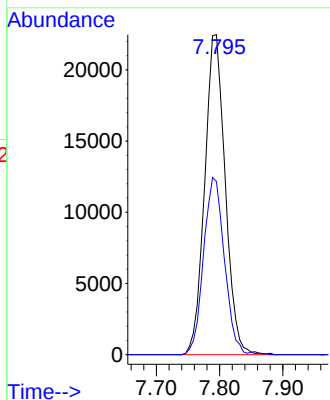
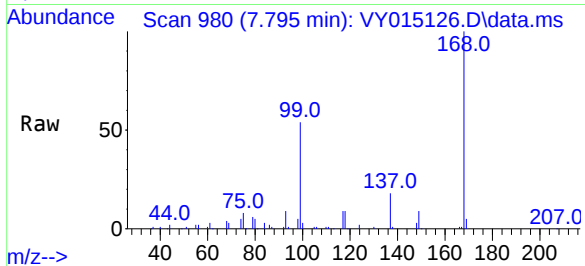




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015126.D
Acq: 16 Aug 2023 00:55

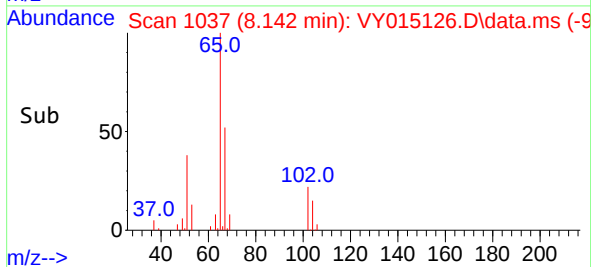
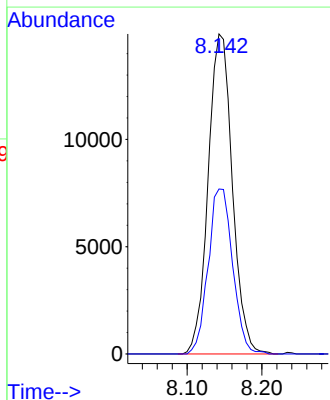
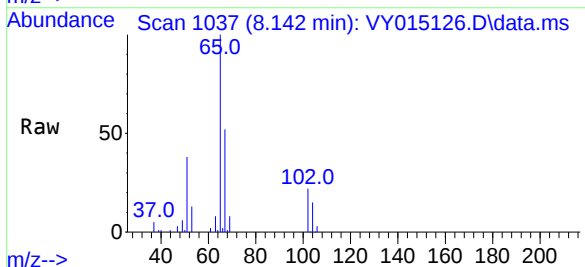
Instrument :
MSVOA_Y
ClientSampleId :
367

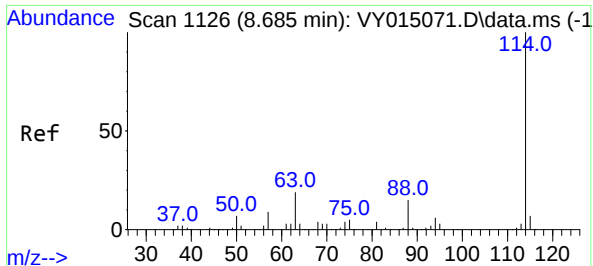
Tgt Ion:168 Resp: 50850
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.958 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015126.D
Acq: 16 Aug 2023 00:55

Tgt Ion: 65 Resp: 33547
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015126.D

Acq: 16 Aug 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

367

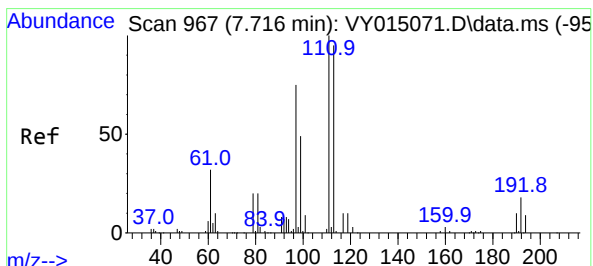
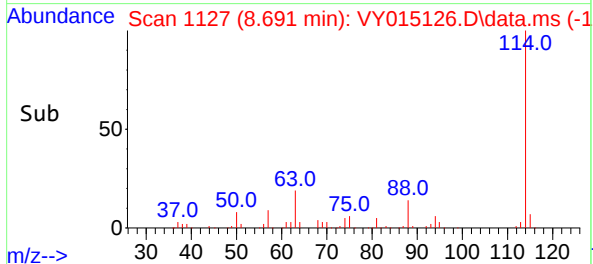
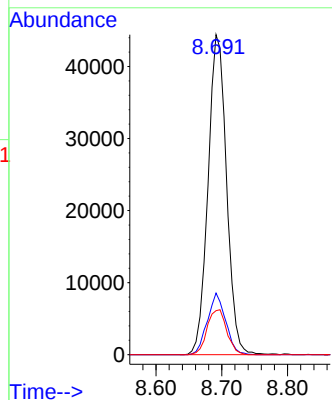
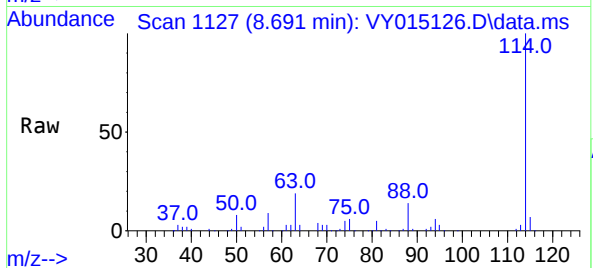
Tgt Ion:114 Resp: 87086

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.838 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015126.D

Acq: 16 Aug 2023 00:55

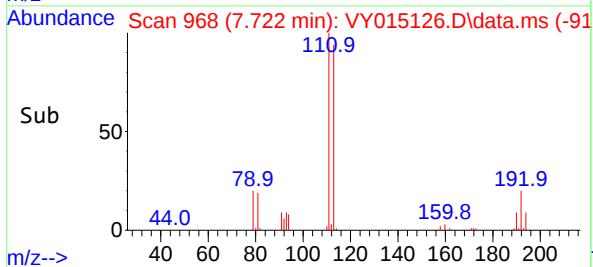
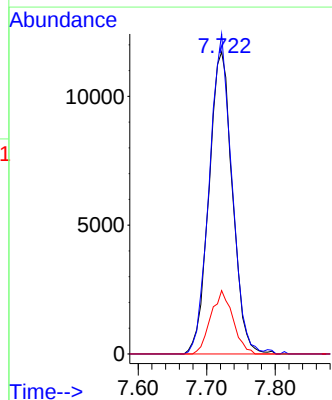
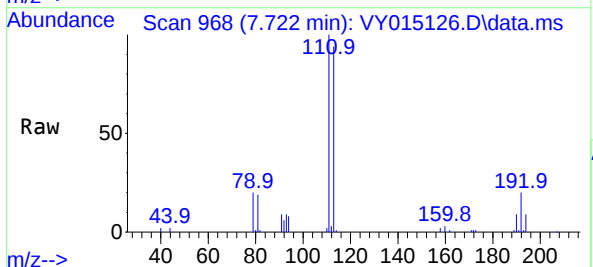
Tgt Ion:113 Resp: 27922

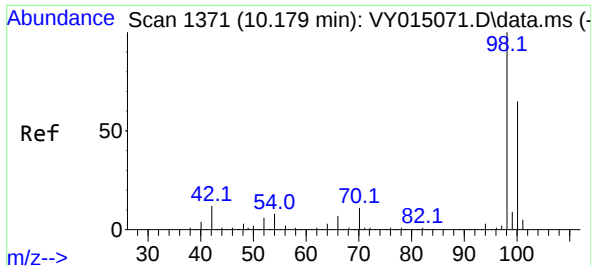
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 19.8 16.9 25.3

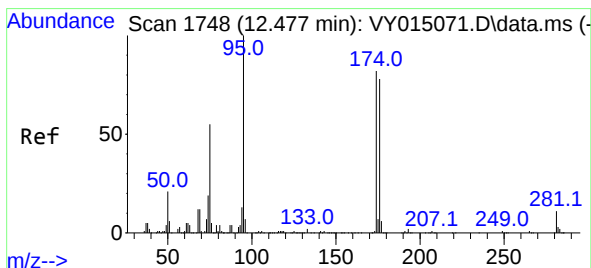
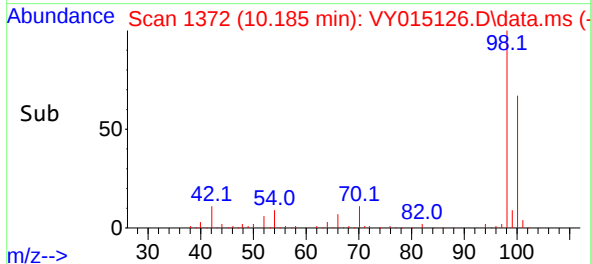
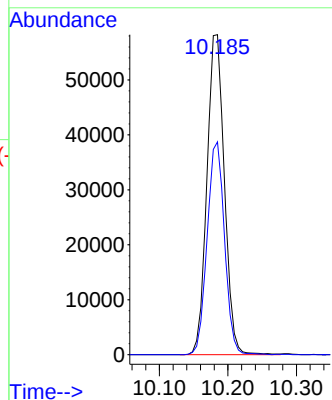
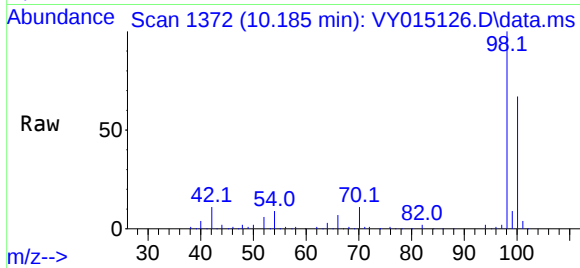




#50
Toluene-d8
Concen: 49.562 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015126.D
Acq: 16 Aug 2023 00:55

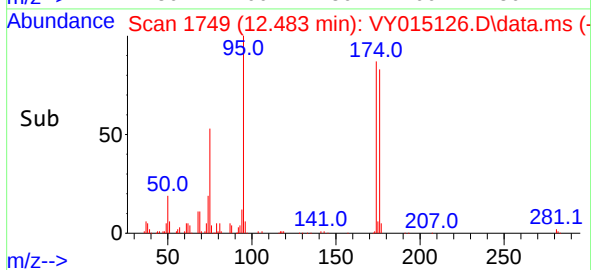
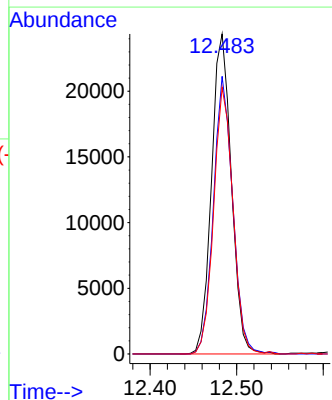
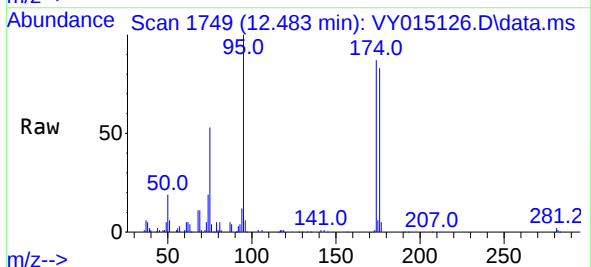
Instrument :
MSVOA_Y
ClientSampleId :
367

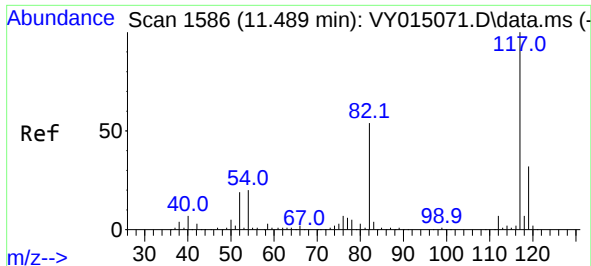
Tgt Ion: 98 Resp: 103365
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.813 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015126.D
Acq: 16 Aug 2023 00:55

Tgt Ion: 95 Resp: 38707
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.5 0.0 173.8

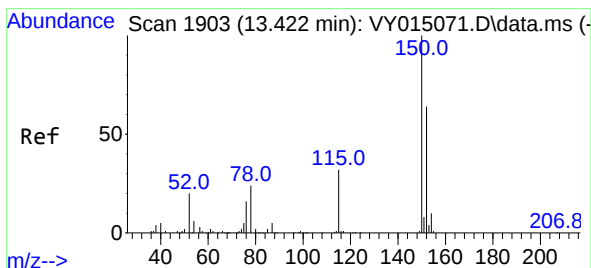
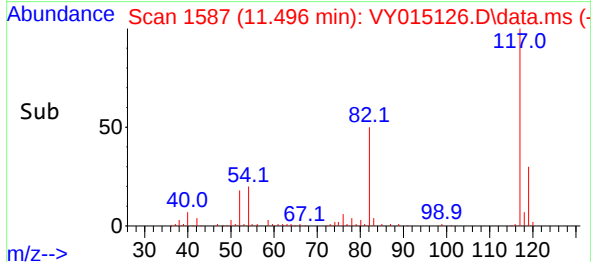
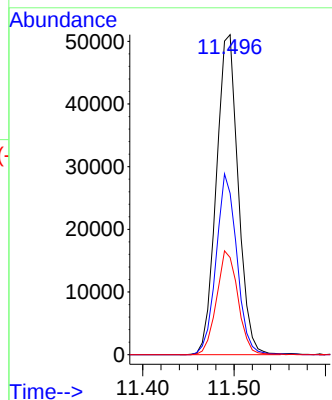
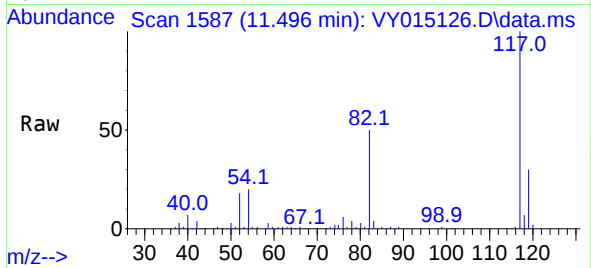




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015126.D
Acq: 16 Aug 2023 00:55

Instrument :
MSVOA_Y
ClientSampleId :
367

Tgt Ion:117 Resp: 84877
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 30.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015126.D
Acq: 16 Aug 2023 00:55

Tgt Ion:152 Resp: 43139
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 151.4 0.0 348.8

