

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015984.D
 Acq On : 16 Oct 2023 15:06
 Operator : SY/MD
 Sample : 04895-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-1

Quant Time: Oct 17 05:43:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	137673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	215724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85358	54.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.660%
35) Dibromofluoromethane	7.722	113	75482	51.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.185	98	277369	50.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.483	95	96797	49.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.340%

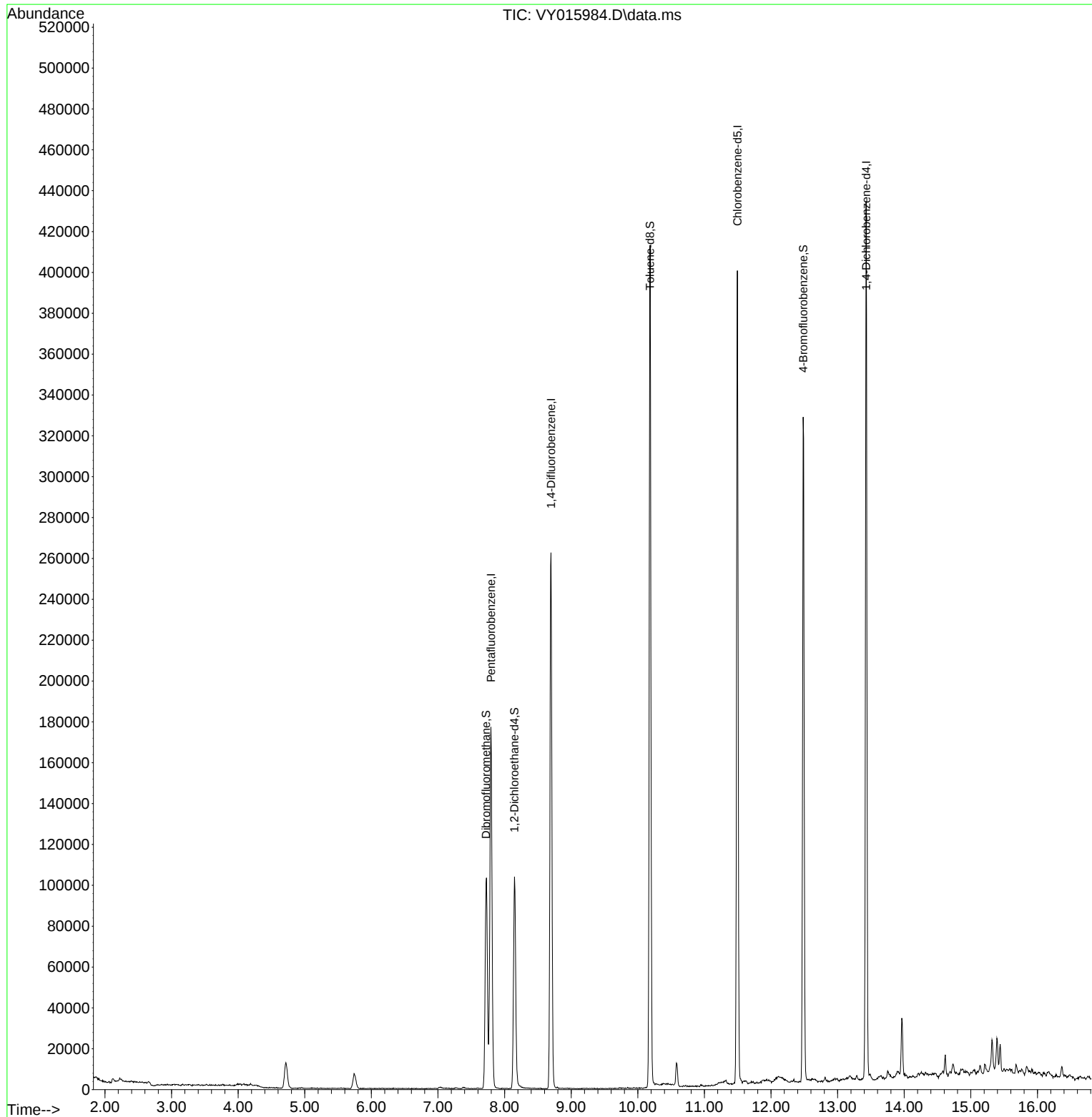
Target Compounds	Qvalue

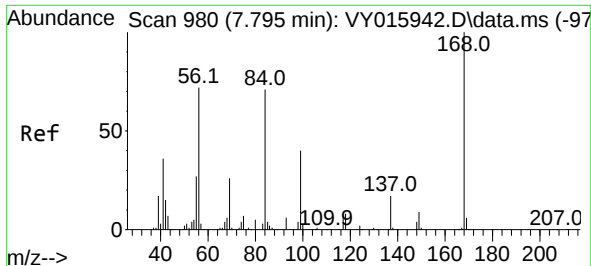
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015984.D
Acq On : 16 Oct 2023 15:06
Operator : SY/MD
Sample : 04895-01
Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A-1

Quant Time: Oct 17 05:43:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

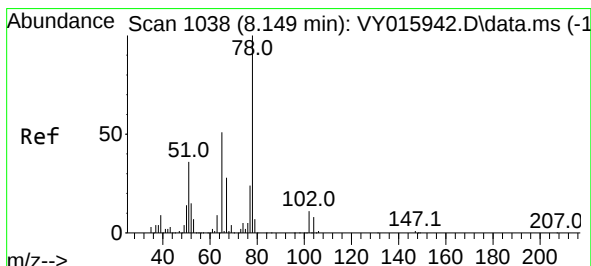
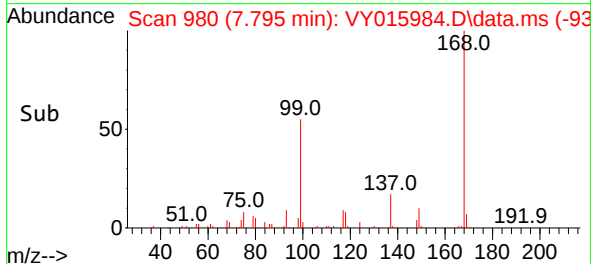
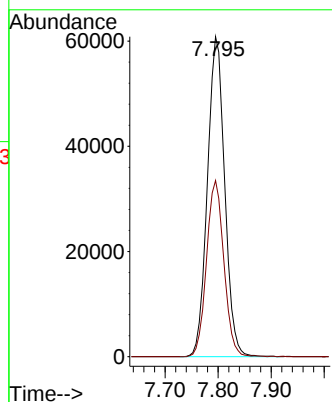
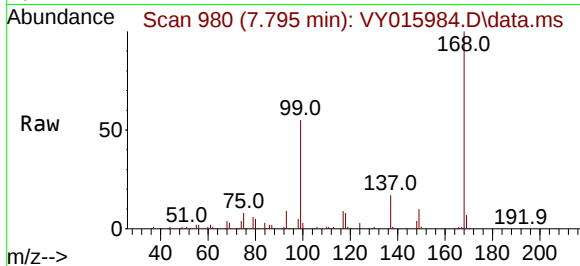




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

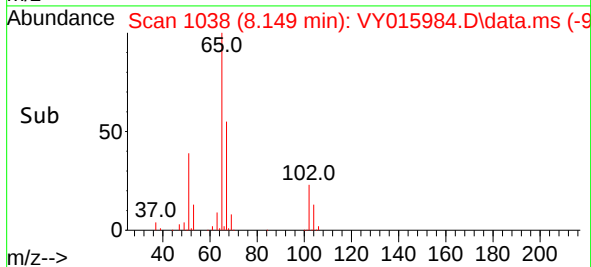
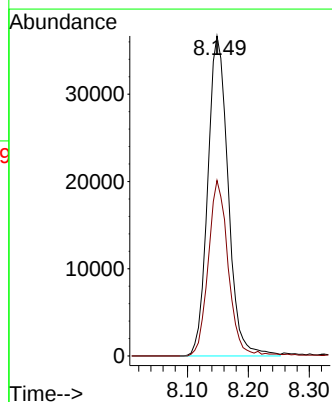
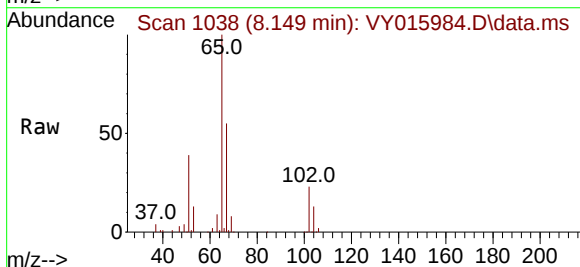
Instrument :
MSVOA_Y
ClientSampleId :
A-1

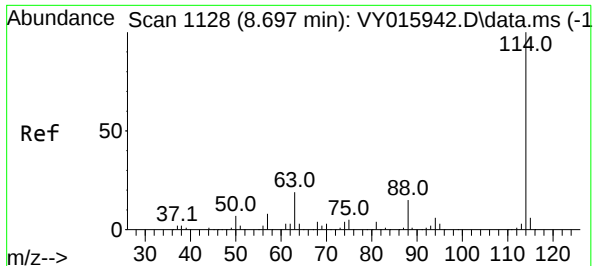
Tgt Ion:168 Resp: 137673
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.326 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Tgt Ion: 65 Resp: 85358
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY015984.D

Acq: 16 Oct 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :

A-1

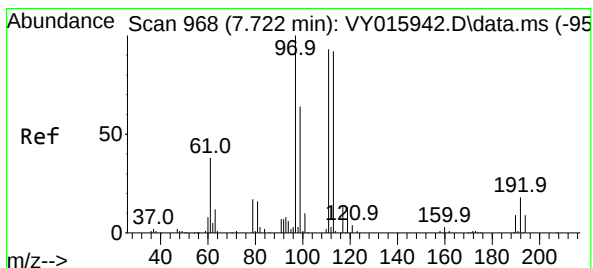
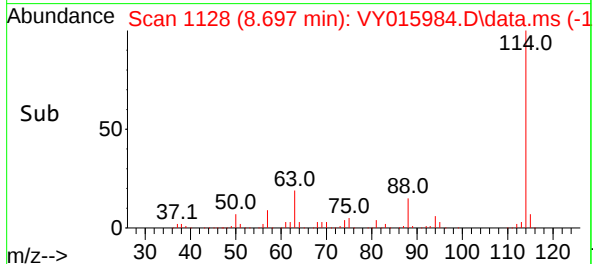
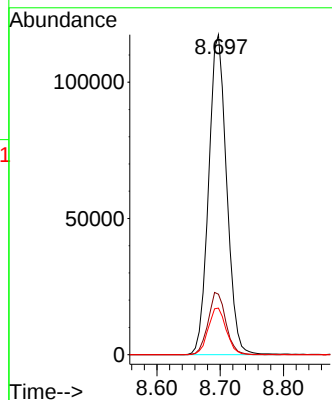
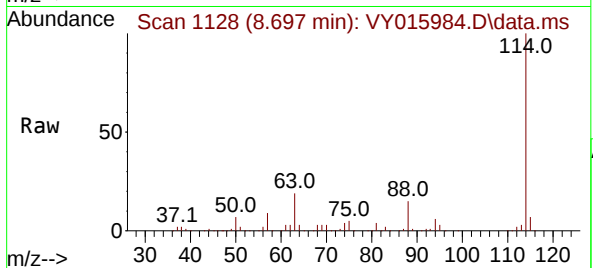
Tgt Ion:114 Resp: 232128

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.651 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY015984.D

Acq: 16 Oct 2023 15:06

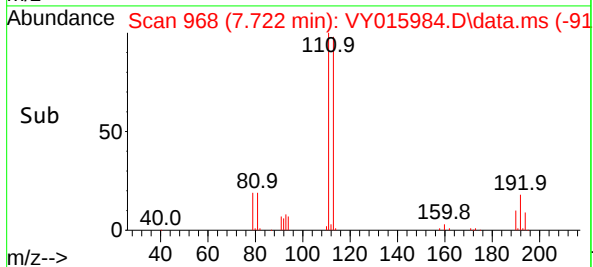
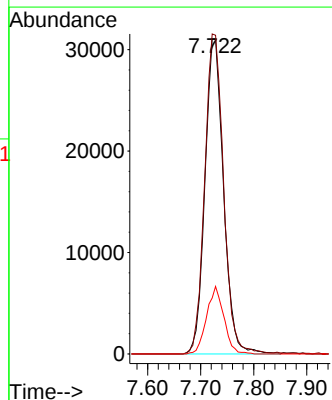
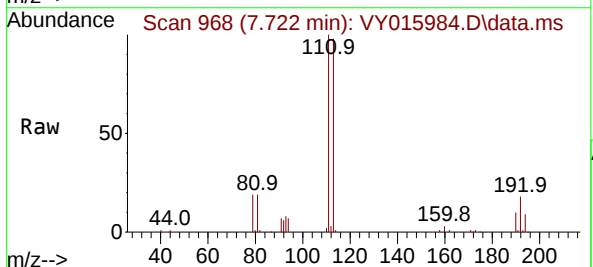
Tgt Ion:113 Resp: 75482

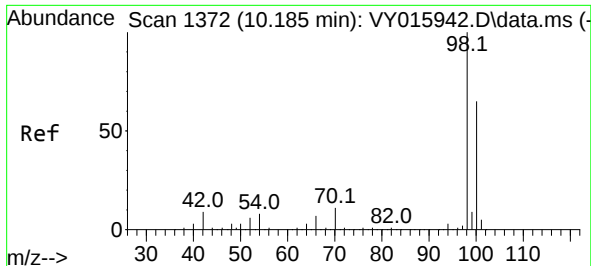
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.9 16.9 25.3

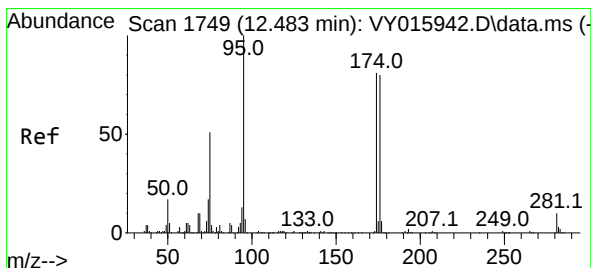
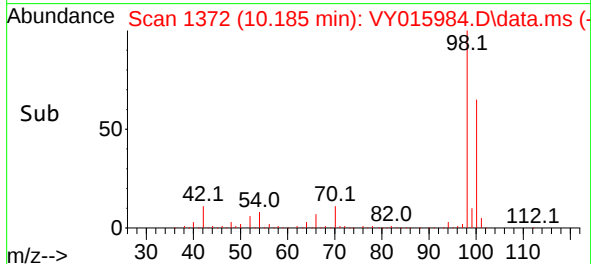
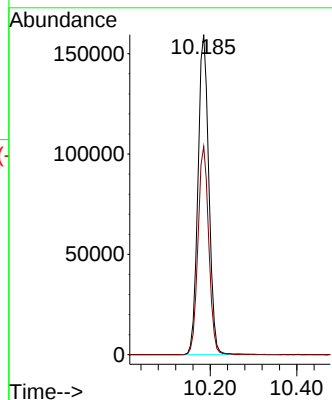
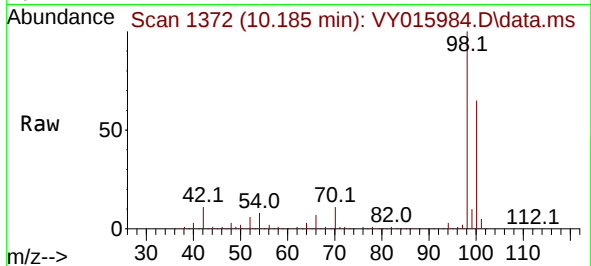




#50
Toluene-d8
Concen: 50.682 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

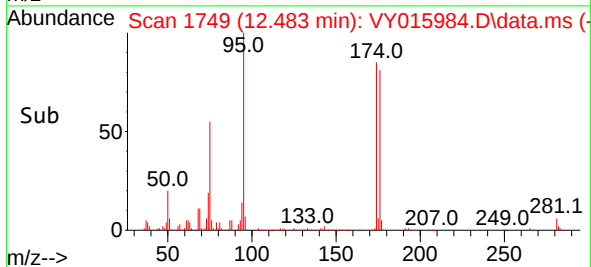
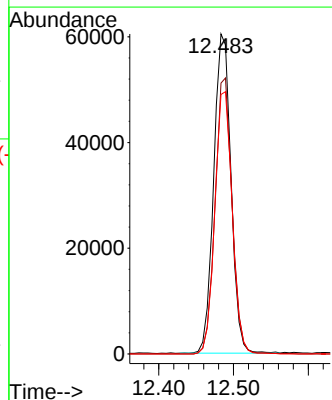
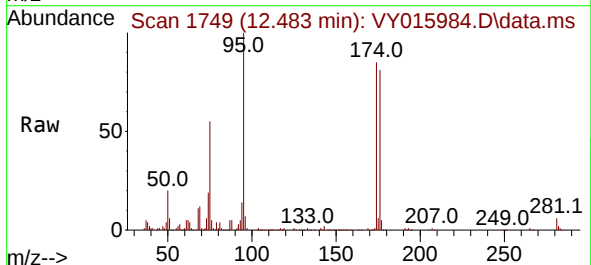
Instrument :
MSVOA_Y
ClientSampleId :
A-1

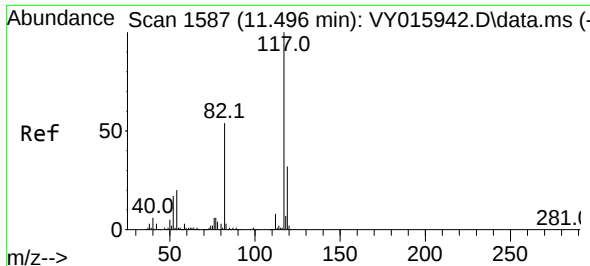
Tgt Ion: 98 Resp: 277369
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Tgt Ion: 95 Resp: 96797
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.0 0.0 173.8

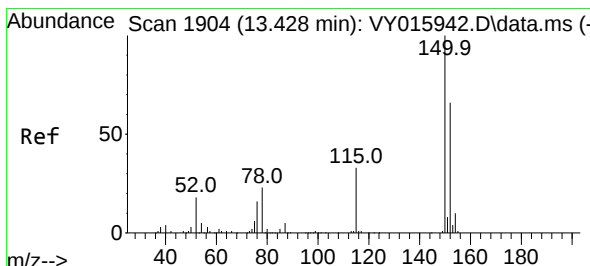
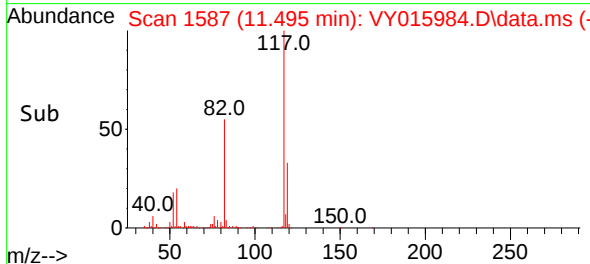
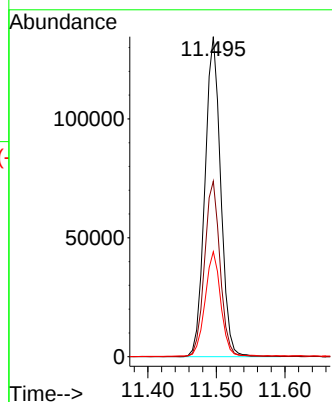
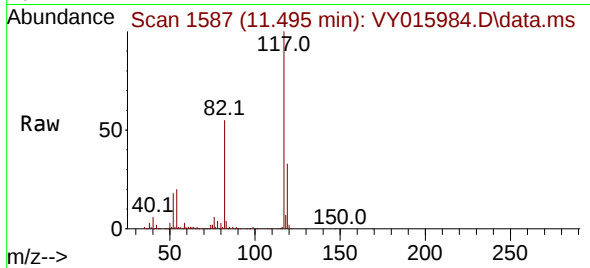




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
A-1

Tgt Ion:117 Resp: 215724
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY015984.D
Acq: 16 Oct 2023 15:06

Tgt Ion:152 Resp: 108856
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 156.6 0.0 348.8

