

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011775.D
 Acq On : 12 Dec 2022 16:42
 Operator : KP/MD
 Sample : N5997-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2803-COMP

Quant Time: Dec 13 00:20:32 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	271907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	456497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	395226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95931	51.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.760%
35) Dibromofluoromethane	7.722	113	96856	47.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.140%
50) Toluene-d8	10.179	98	295390	43.568	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.140%
62) 4-Bromofluorobenzene	12.483	95	109872	40.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.320%

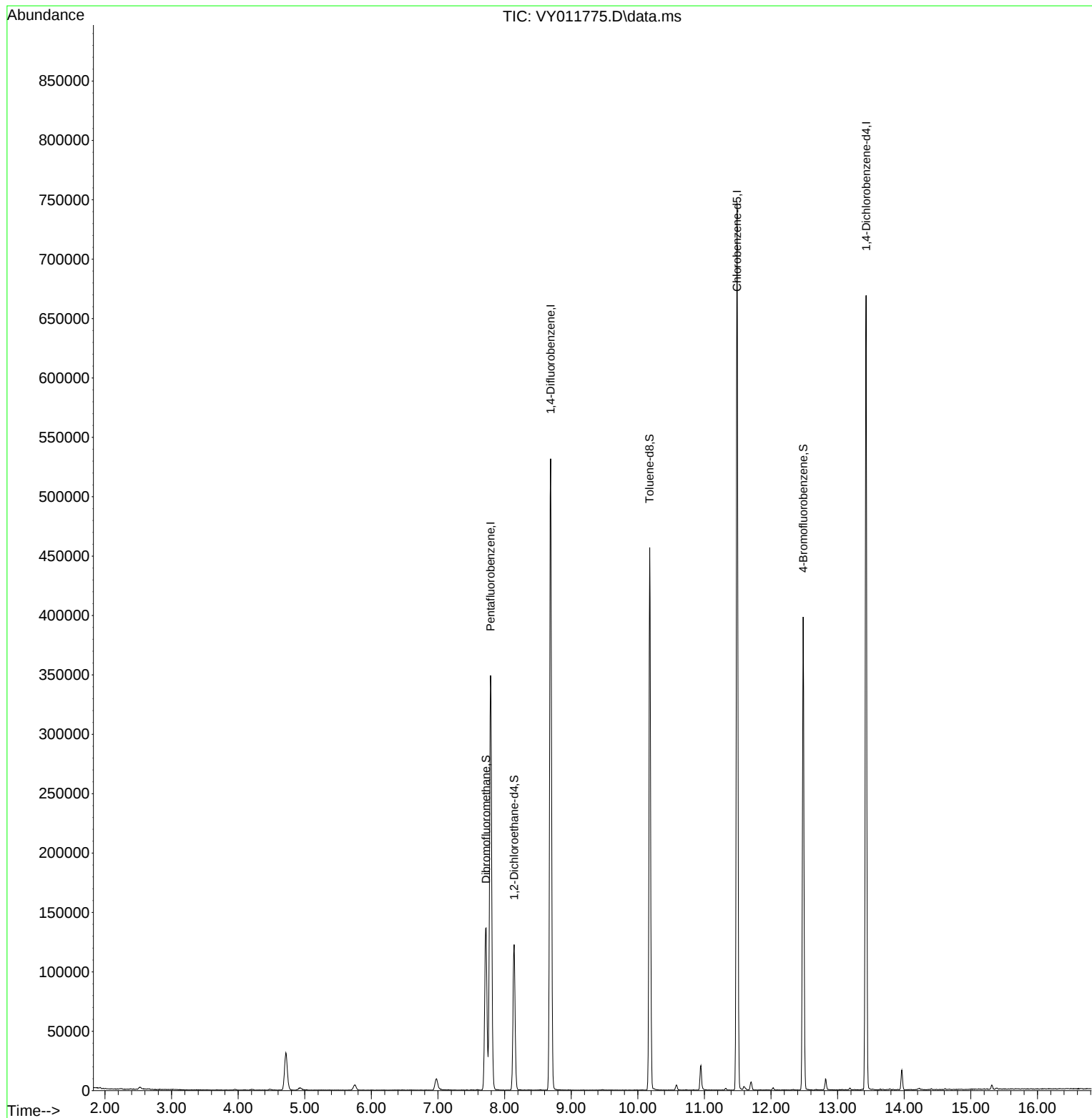
Target Compounds	Qvalue

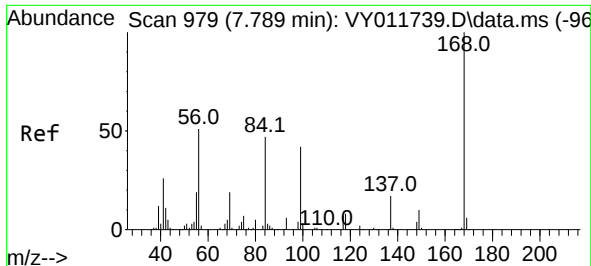
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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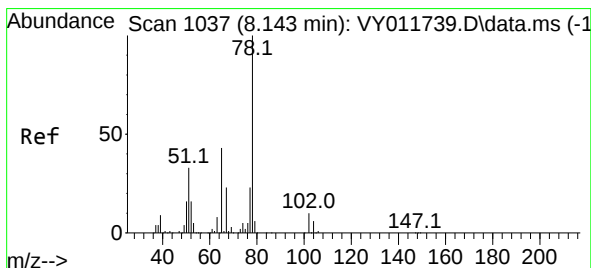
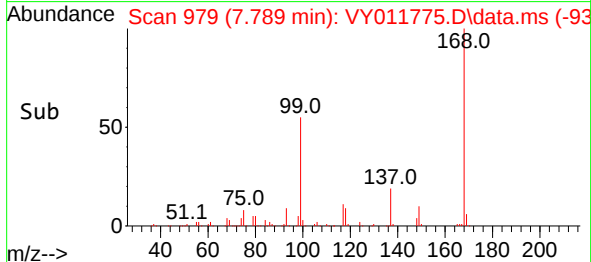
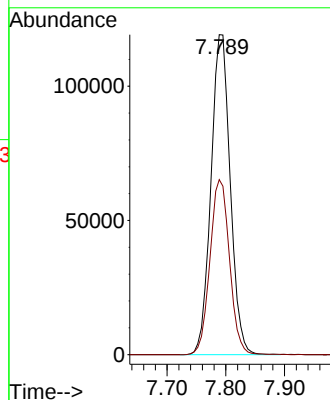
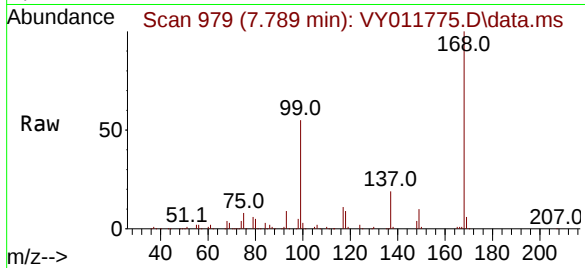




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

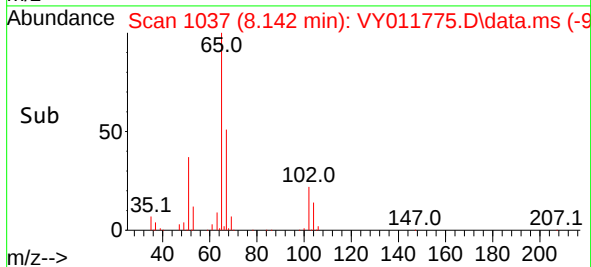
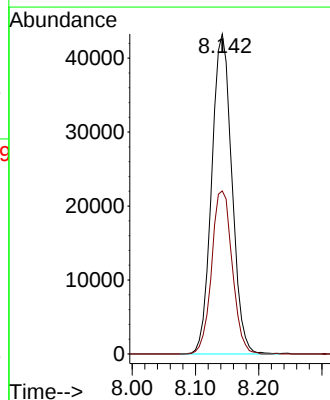
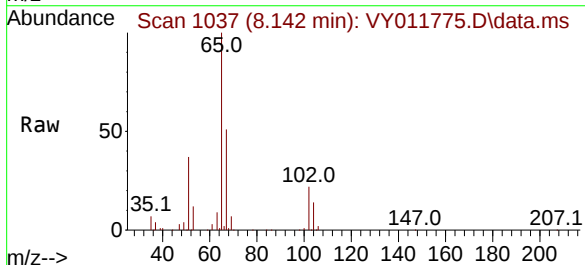
Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

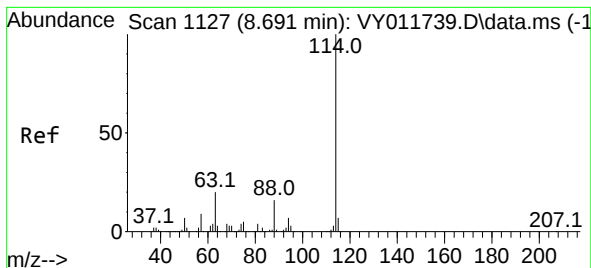
Tgt Ion:168 Resp: 271907
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.883 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 65 Resp: 95931
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011775.D

Acq: 12 Dec 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

2803-COMP

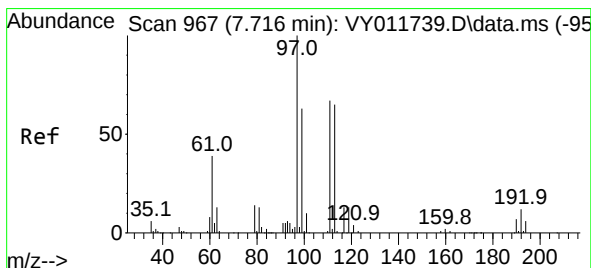
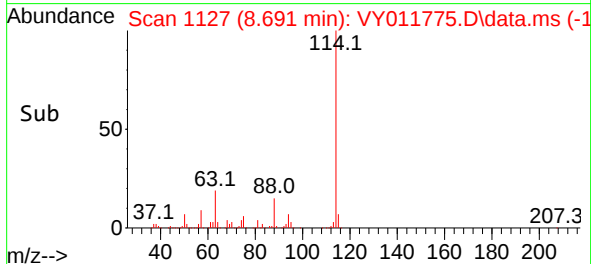
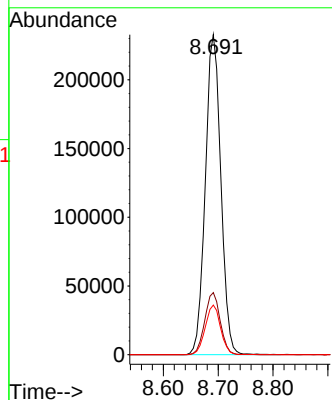
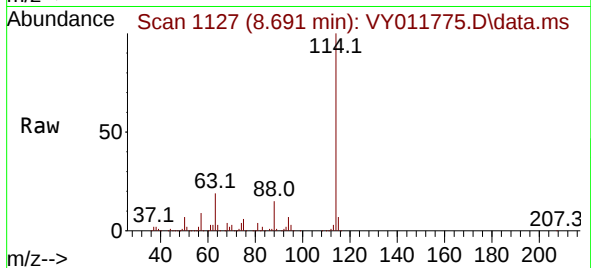
Tgt Ion:114 Resp: 456497

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.566 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011775.D

Acq: 12 Dec 2022 16:42

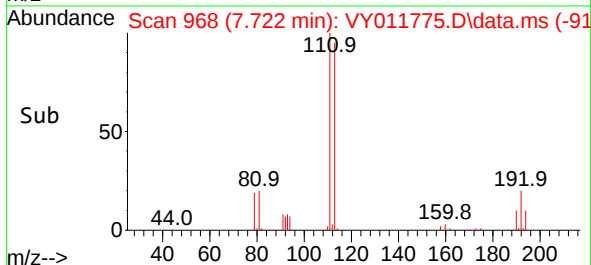
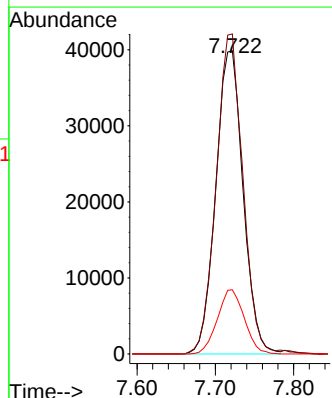
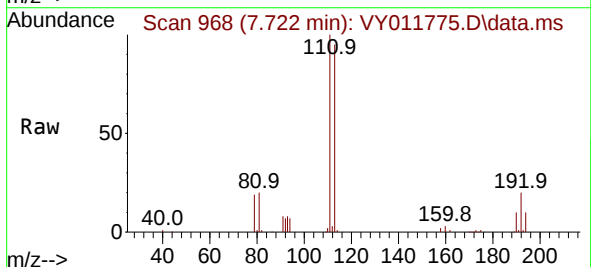
Tgt Ion:113 Resp: 96856

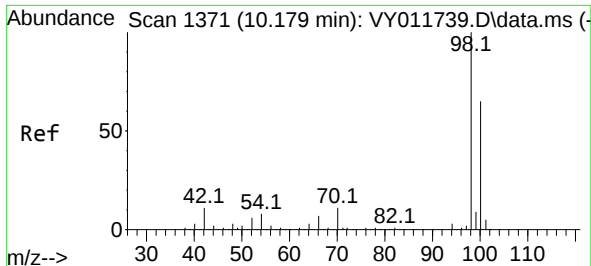
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 20.8 16.0 24.0

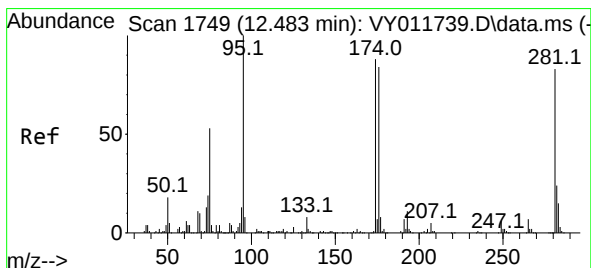
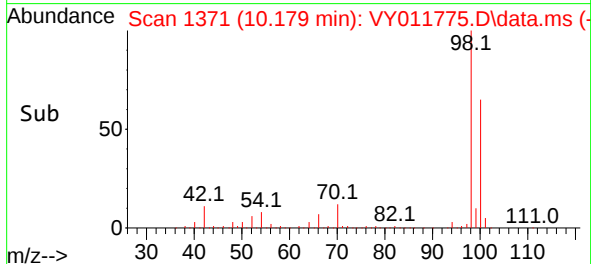
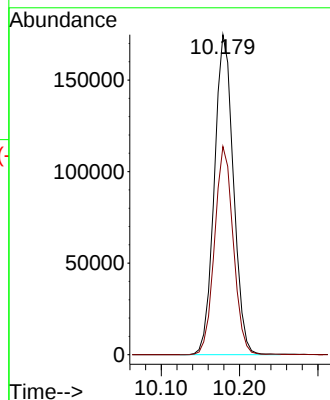
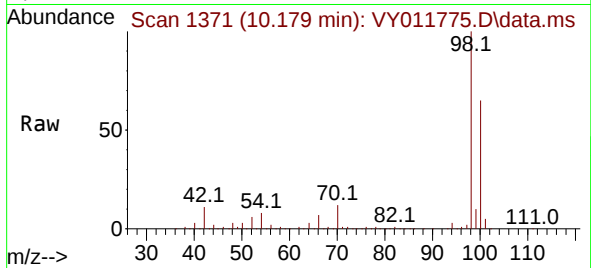




#50
Toluene-d8
Concen: 43.568 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

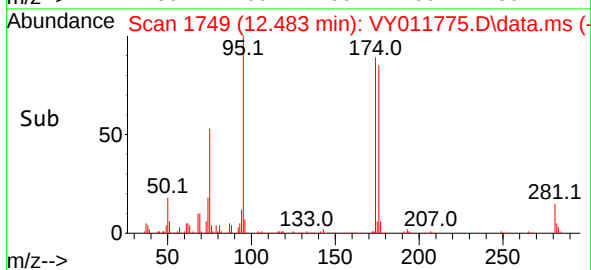
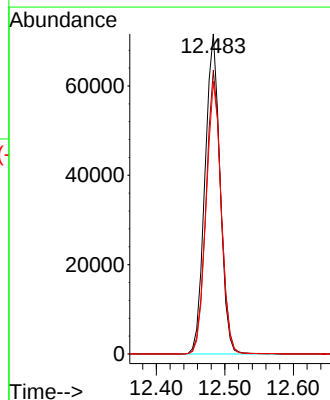
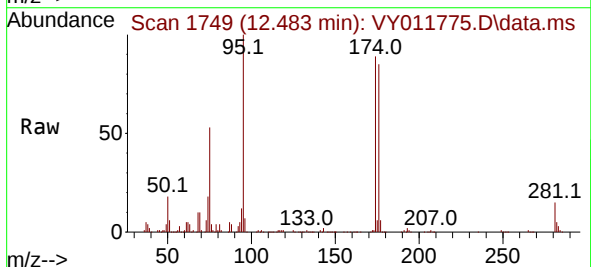
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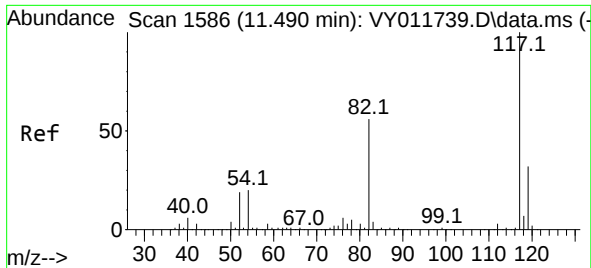
Tgt Ion: 98 Resp: 295390
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion: 95 Resp: 109872
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.0
176 84.6 0.0 167.6

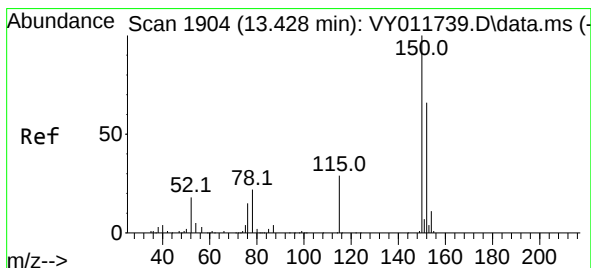
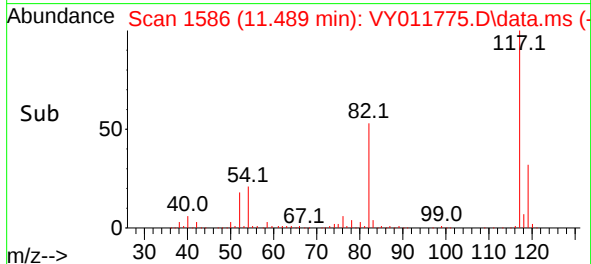
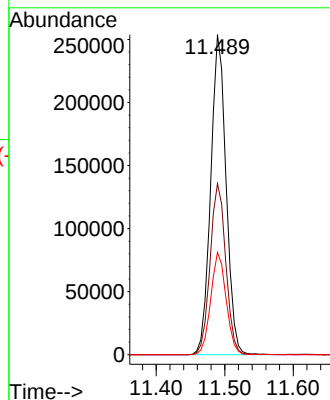
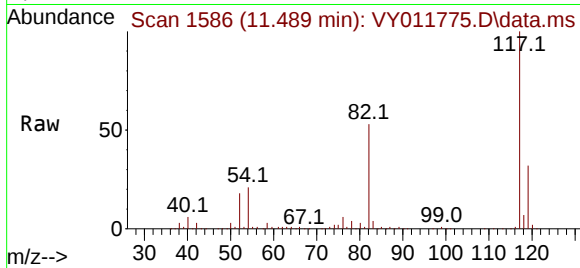




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011775.D
Acq: 12 Dec 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
2803-COMP

Tgt Ion:117 Resp: 395226
Ion Ratio Lower Upper
117 100
82 53.5 44.8 67.2
119 32.0 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: VY011775.D
Acq: 12 Dec 2022 16:42

Tgt Ion:152 Resp: 173054
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 157.5 0.0 342.6

