

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018637.D
 Acq On : 19 Jun 2024 11:28
 Operator : SY/MD
 Sample : VY0619SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBL01

Quant Time: Jun 20 02:07:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	133757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	236140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	201041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63599	47.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.460%
35) Dibromofluoromethane	7.704	113	67314	46.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.460%
50) Toluene-d8	10.173	98	252002	45.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.477	95	74017	42.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.620%

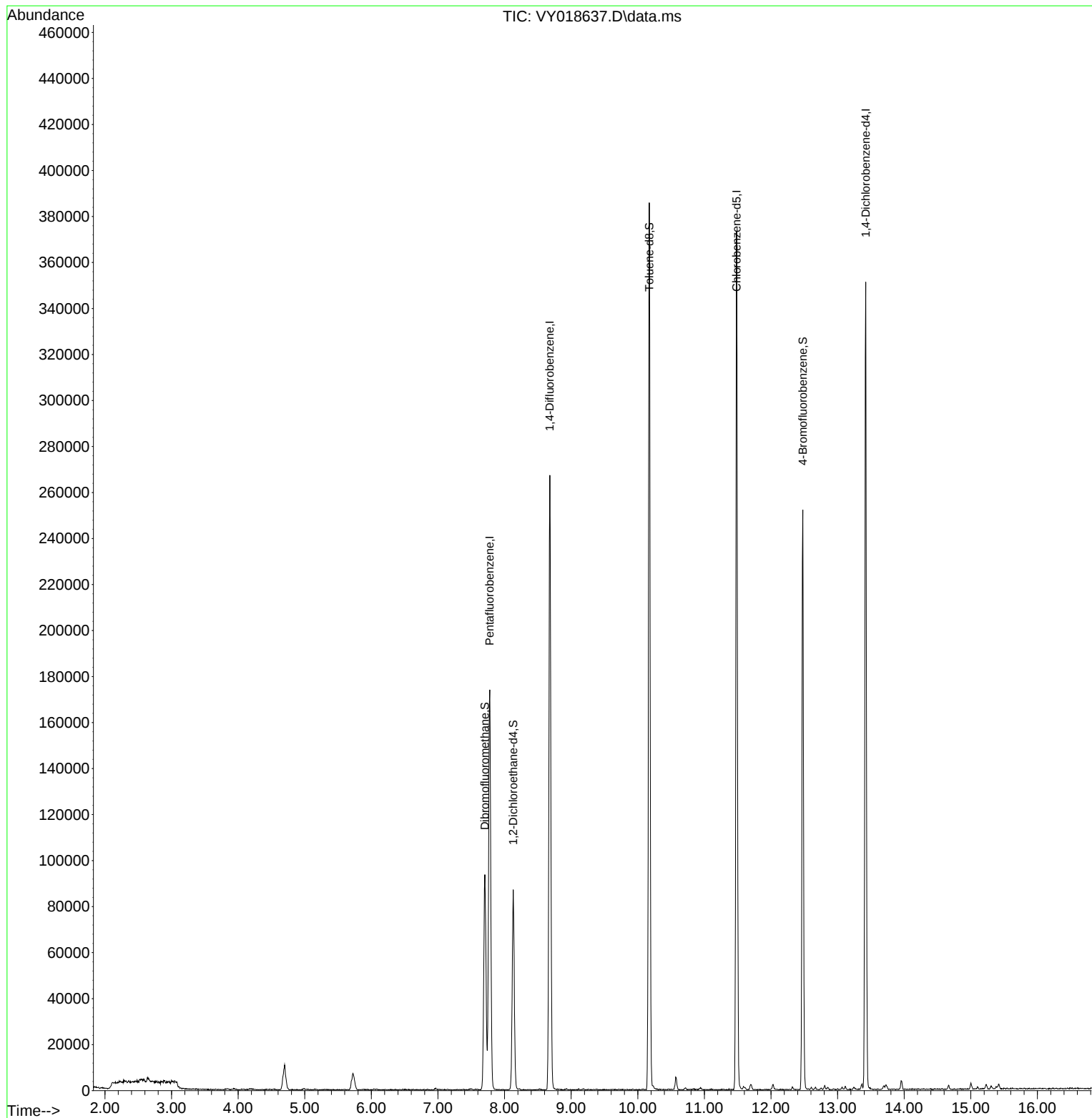
Target Compounds	Qvalue

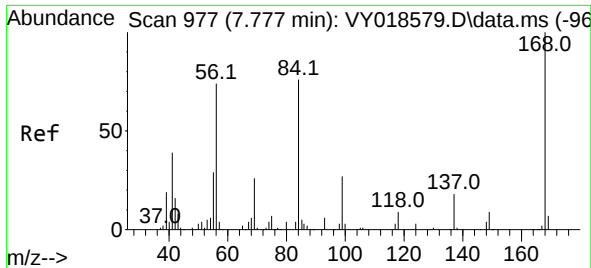
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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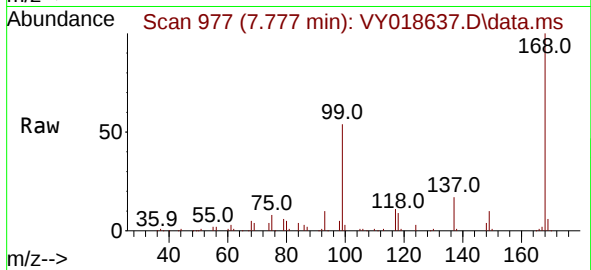
Quant Time: Jun 20 02:07:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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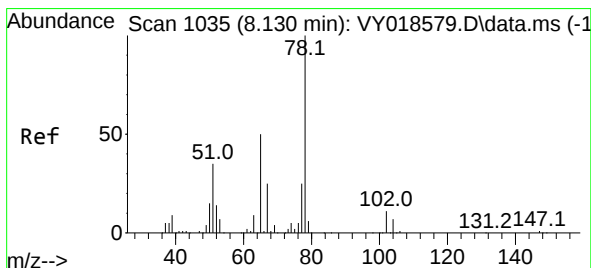
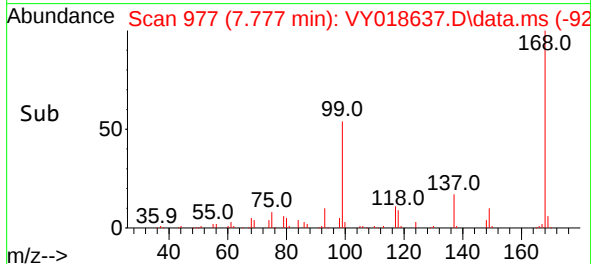
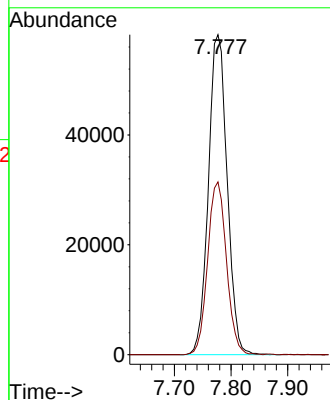


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Instrument :
MSVOA_Y
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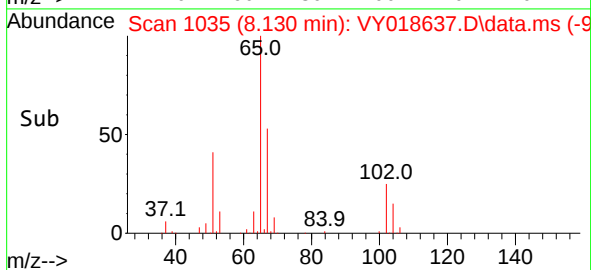
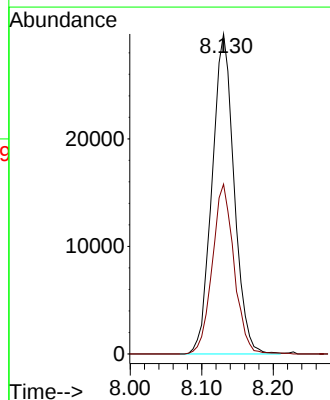
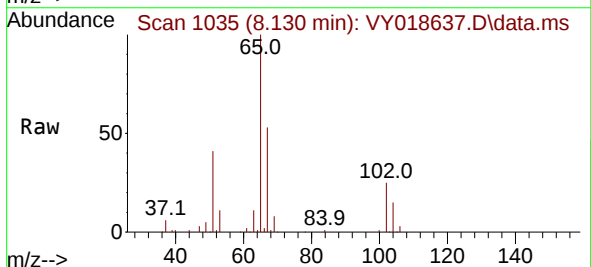


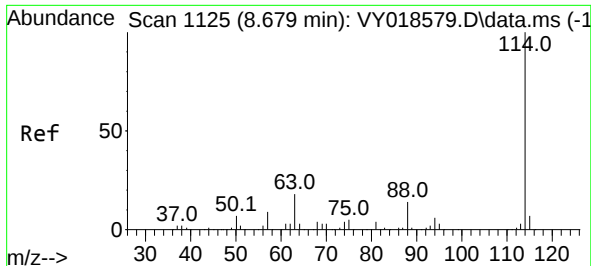
Tgt Ion:168 Resp: 133757
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.227 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Tgt Ion: 65 Resp: 63599
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018637.D

Acq: 19 Jun 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBL01

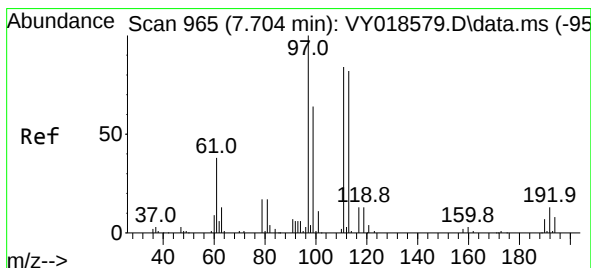
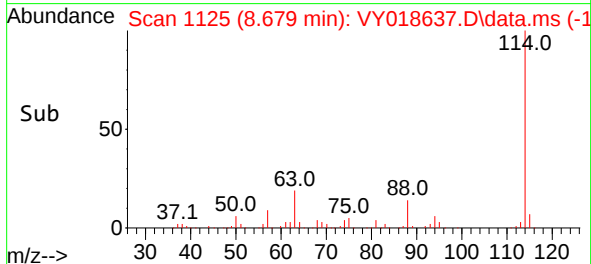
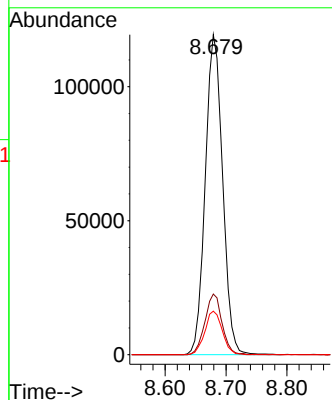
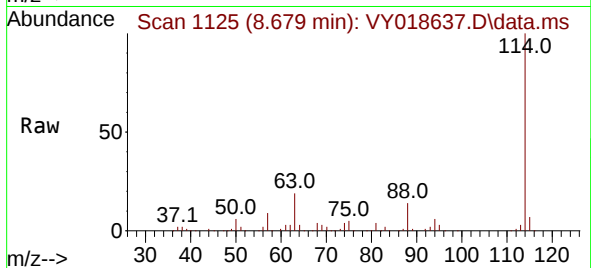
Tgt Ion:114 Resp: 236140

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.730 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018637.D

Acq: 19 Jun 2024 11:28

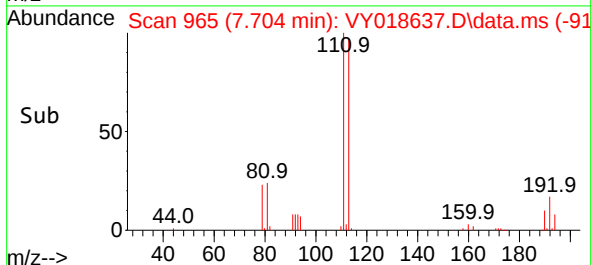
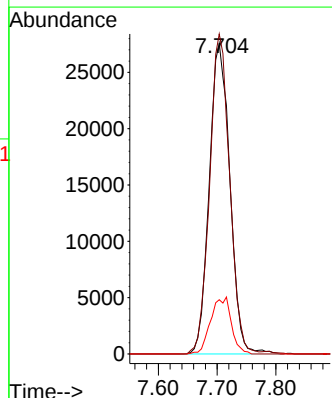
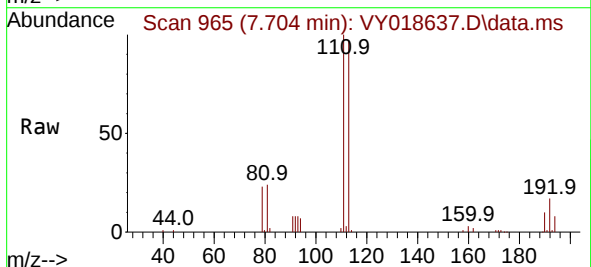
Tgt Ion:113 Resp: 67314

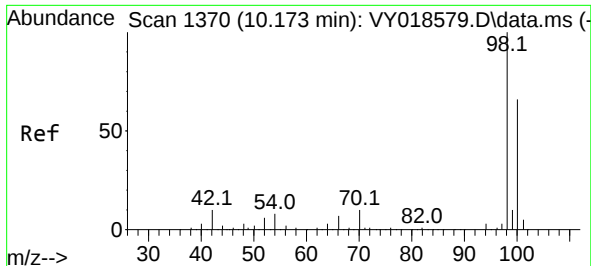
Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

192 18.3 15.9 23.9

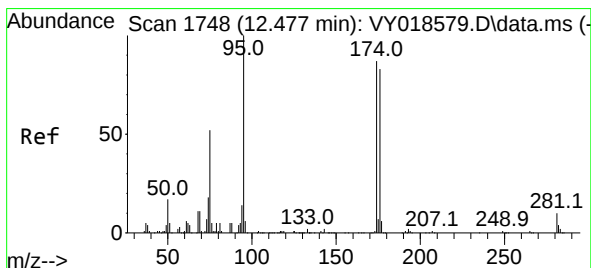
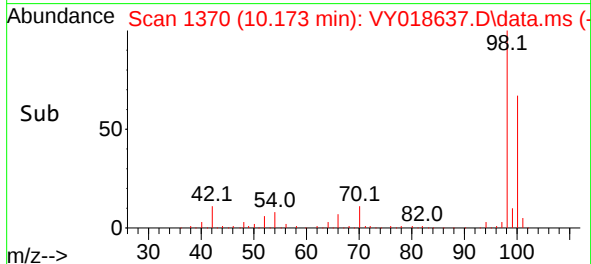
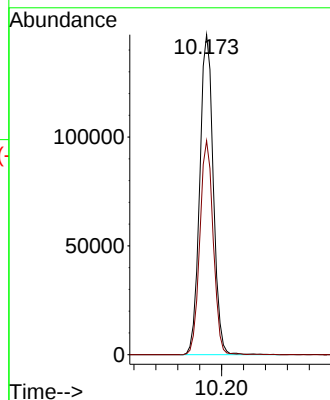
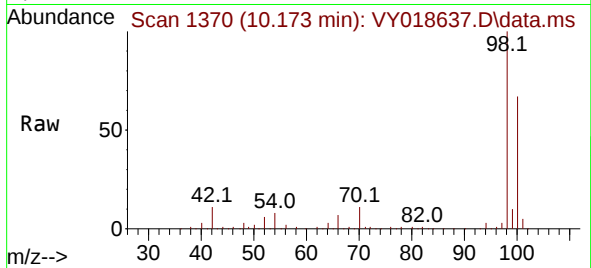




#50
Toluene-d8
Concen: 45.491 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

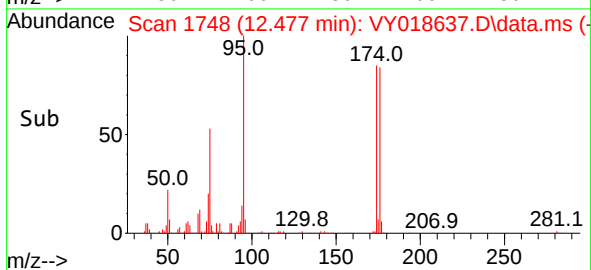
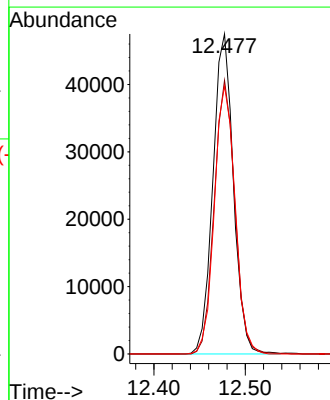
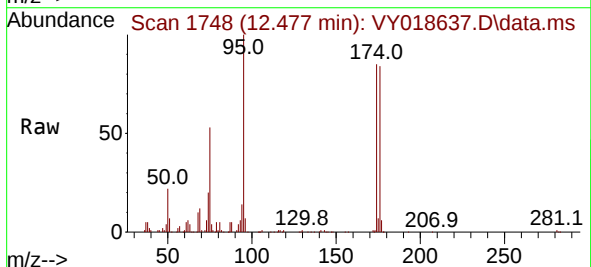
Instrument :
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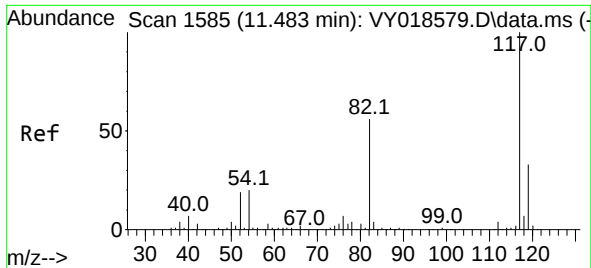
Tgt Ion: 98 Resp: 252002
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.313 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Tgt Ion: 95 Resp: 74017
Ion Ratio Lower Upper
95 100
174 85.8 0.0 175.6
176 84.8 0.0 171.4

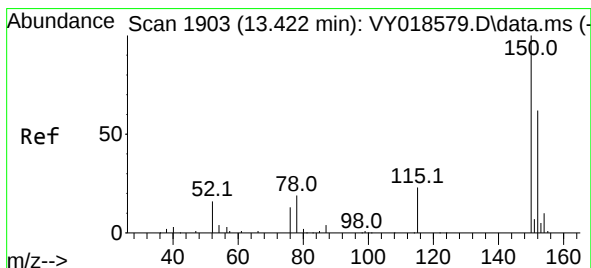
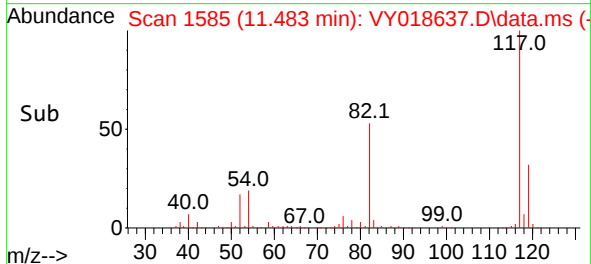
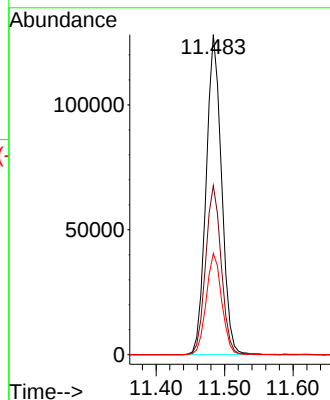
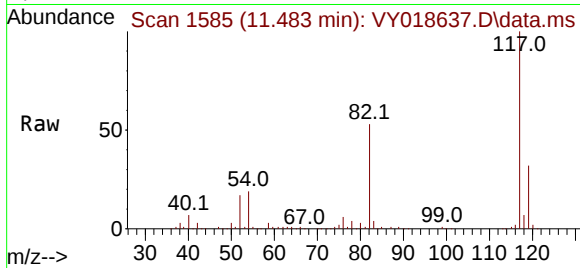




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

Tgt Ion:117 Resp: 201041
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Tgt Ion:152 Resp: 89325
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 157.4 0.0 345.6

