

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018683.D
 Acq On : 25 Jun 2024 12:20
 Operator : SY/MD
 Sample : VY0625SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0625SBL01

Quant Time: Jun 26 02:34:23 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	147841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	239304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66032	44.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.720%
35) Dibromofluoromethane	7.704	113	72036	49.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.173	98	267859	47.714	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.477	95	81889	46.194	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.380%

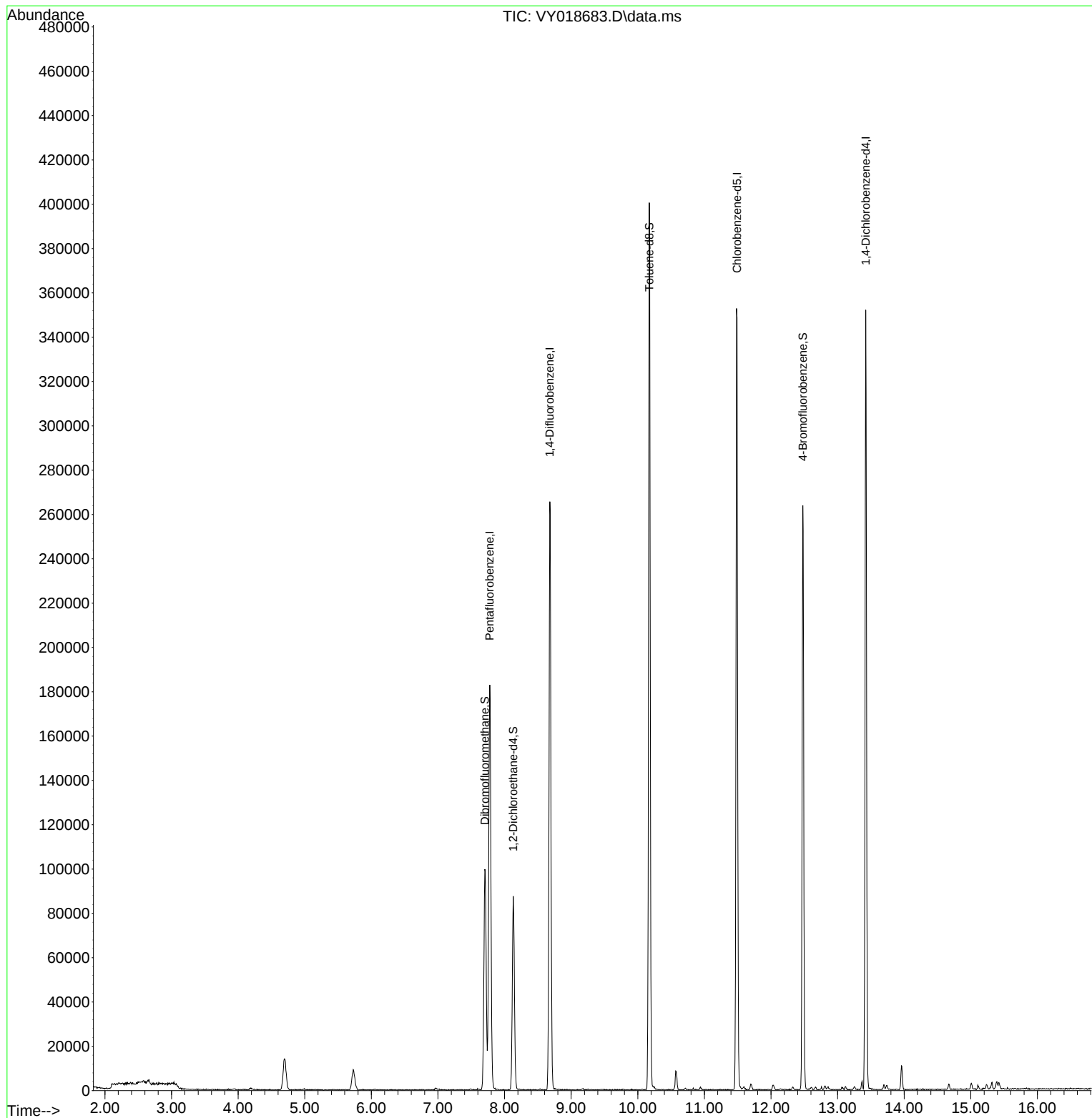
Target Compounds	Qvalue

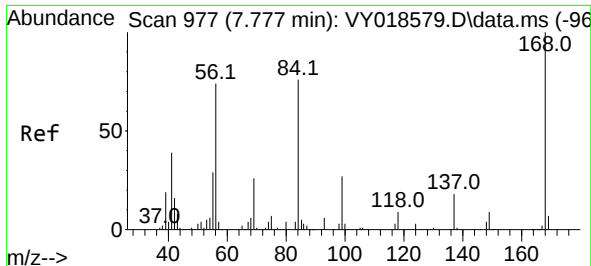
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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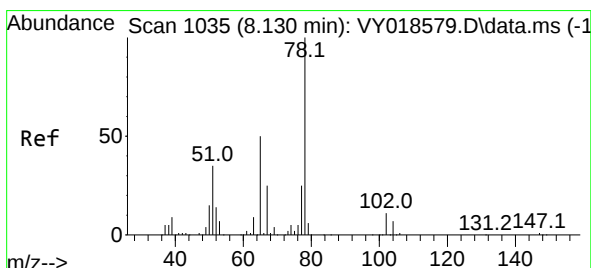
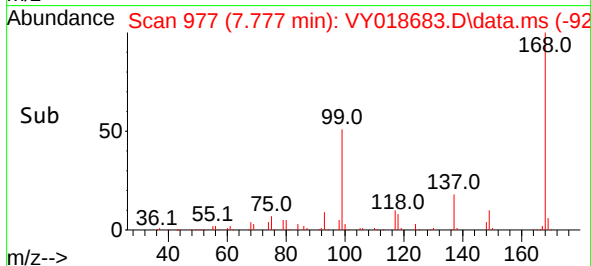
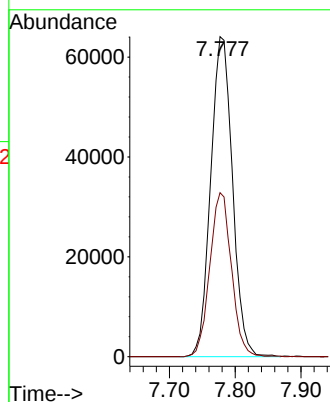
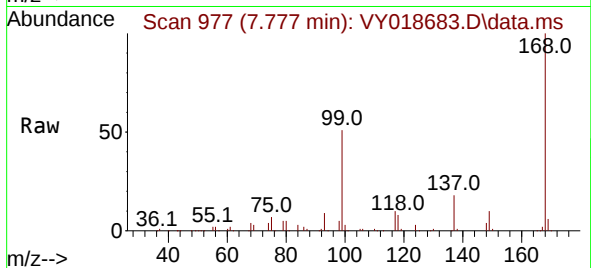




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018683.D
Acq: 25 Jun 2024 12:20

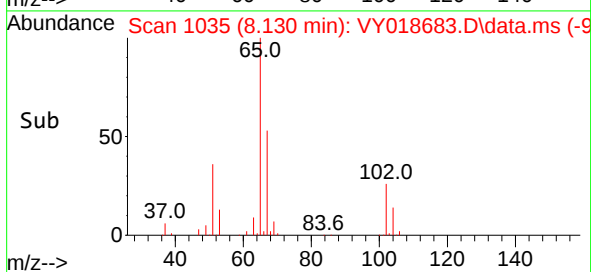
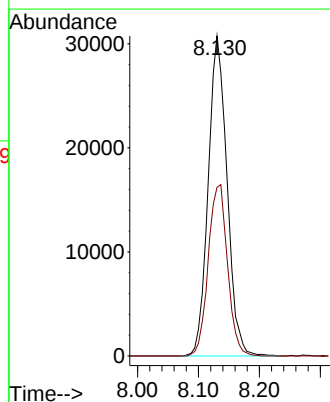
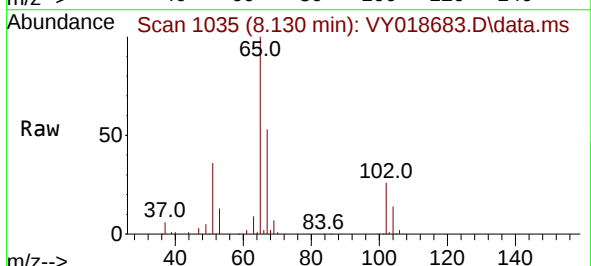
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

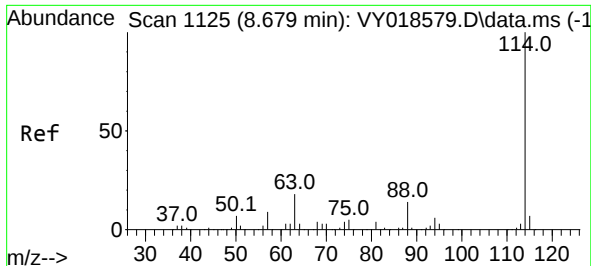
Tgt Ion:168 Resp: 147841
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 44.363 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018683.D
Acq: 25 Jun 2024 12:20

Tgt Ion: 65 Resp: 66032
Ion Ratio Lower Upper
65 100
67 54.8 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: VY018683.D

Acq: 25 Jun 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0625SBL01

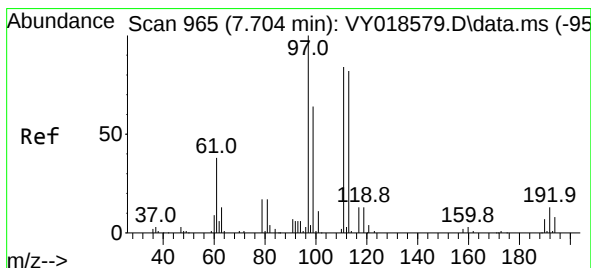
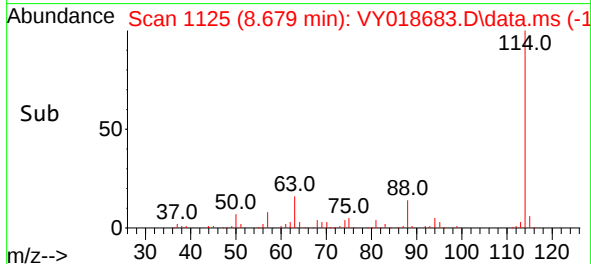
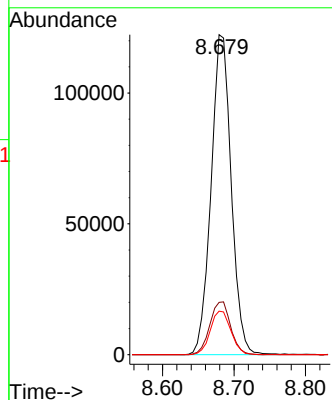
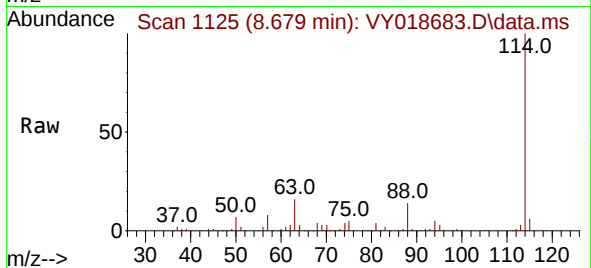
Tgt Ion:114 Resp: 239304

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.347 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018683.D

Acq: 25 Jun 2024 12:20

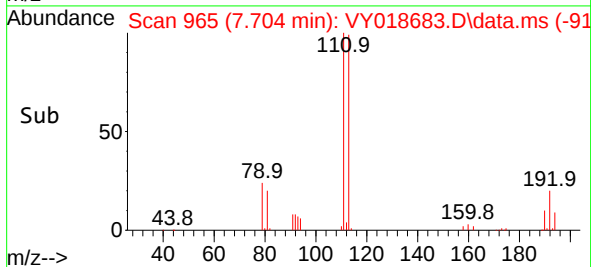
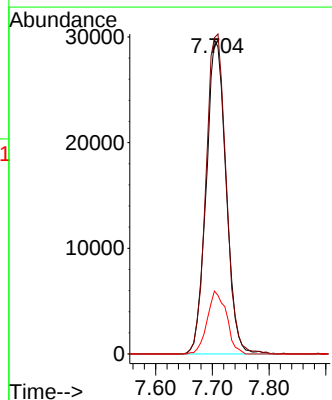
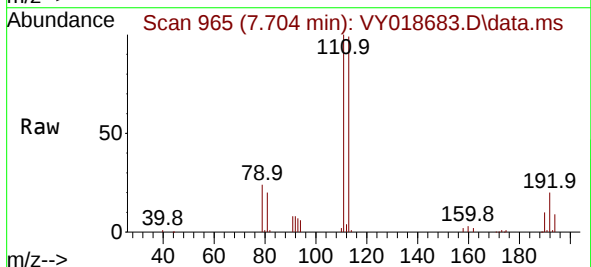
Tgt Ion:113 Resp: 72036

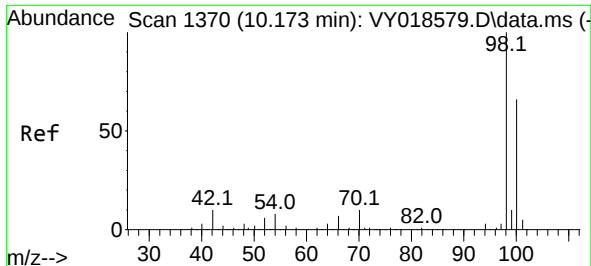
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 19.5 15.9 23.9

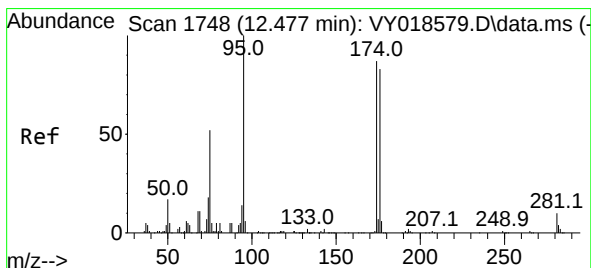
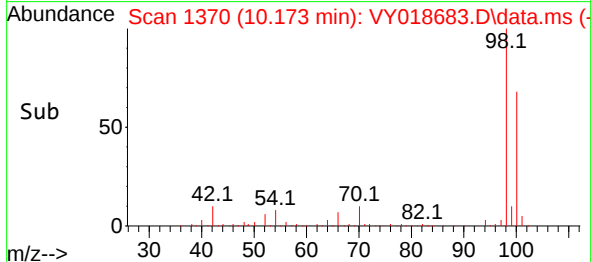
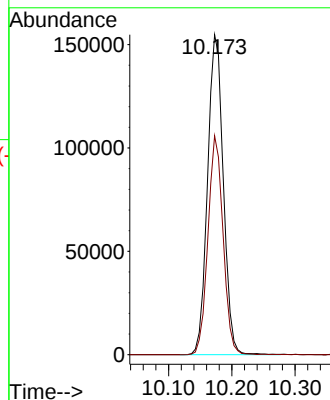
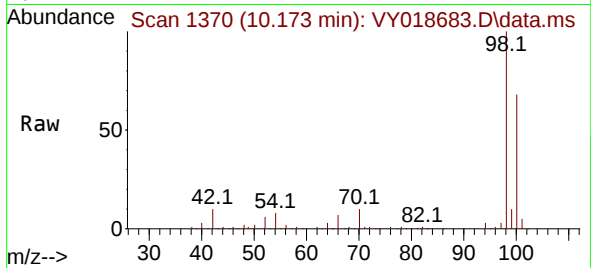




#50
Toluene-d8
Concen: 47.714 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018683.D
Acq: 25 Jun 2024 12:20

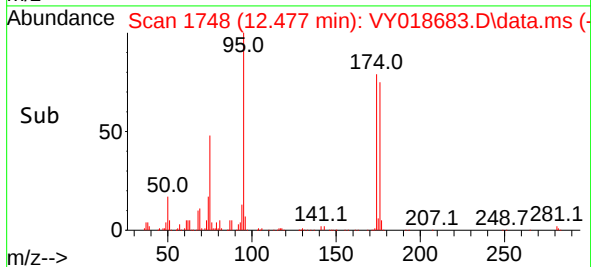
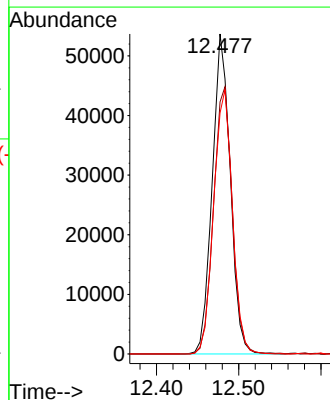
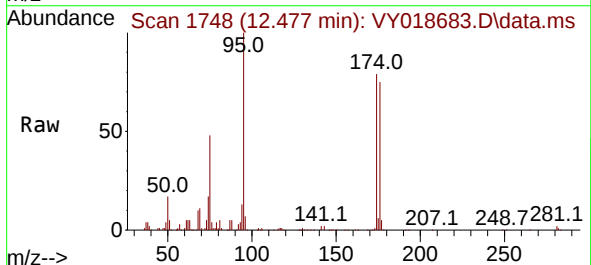
Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

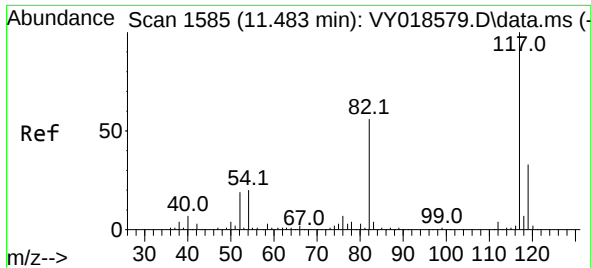
Tgt Ion: 98 Resp: 267859
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.194 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018683.D
Acq: 25 Jun 2024 12:20

Tgt Ion: 95 Resp: 81889
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.6
176 85.7 0.0 171.4

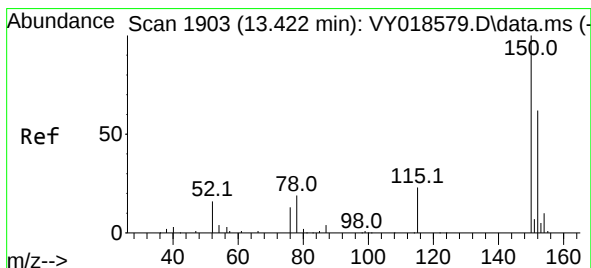
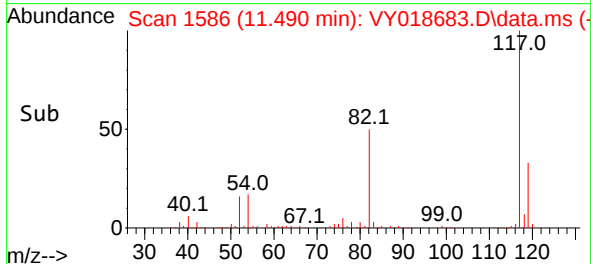
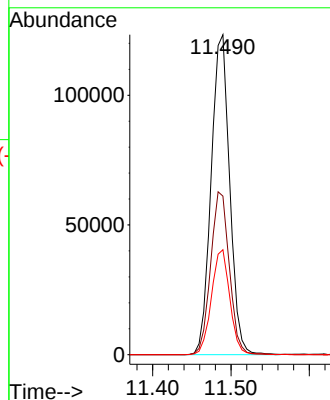
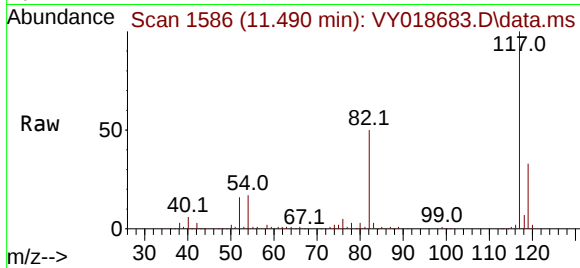




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018683.D
Acq: 25 Jun 2024 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0625SBL01

Tgt Ion:117 Resp: 202583
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 32.8 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: VY018683.D
Acq: 25 Jun 2024 12:20

Tgt Ion:152 Resp: 90573
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 158.9 0.0 345.6

