

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018586.D
 Acq On : 14 Jun 2024 11:38
 Operator : SY/MD
 Sample : VY0614SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBL01

Quant Time: Jun 14 23:19:43 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	127138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	228381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	74567	58.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.703	113	73727	52.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.172	98	284156	53.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.080%
62) 4-Bromofluorobenzene	12.477	95	82640	48.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.700%

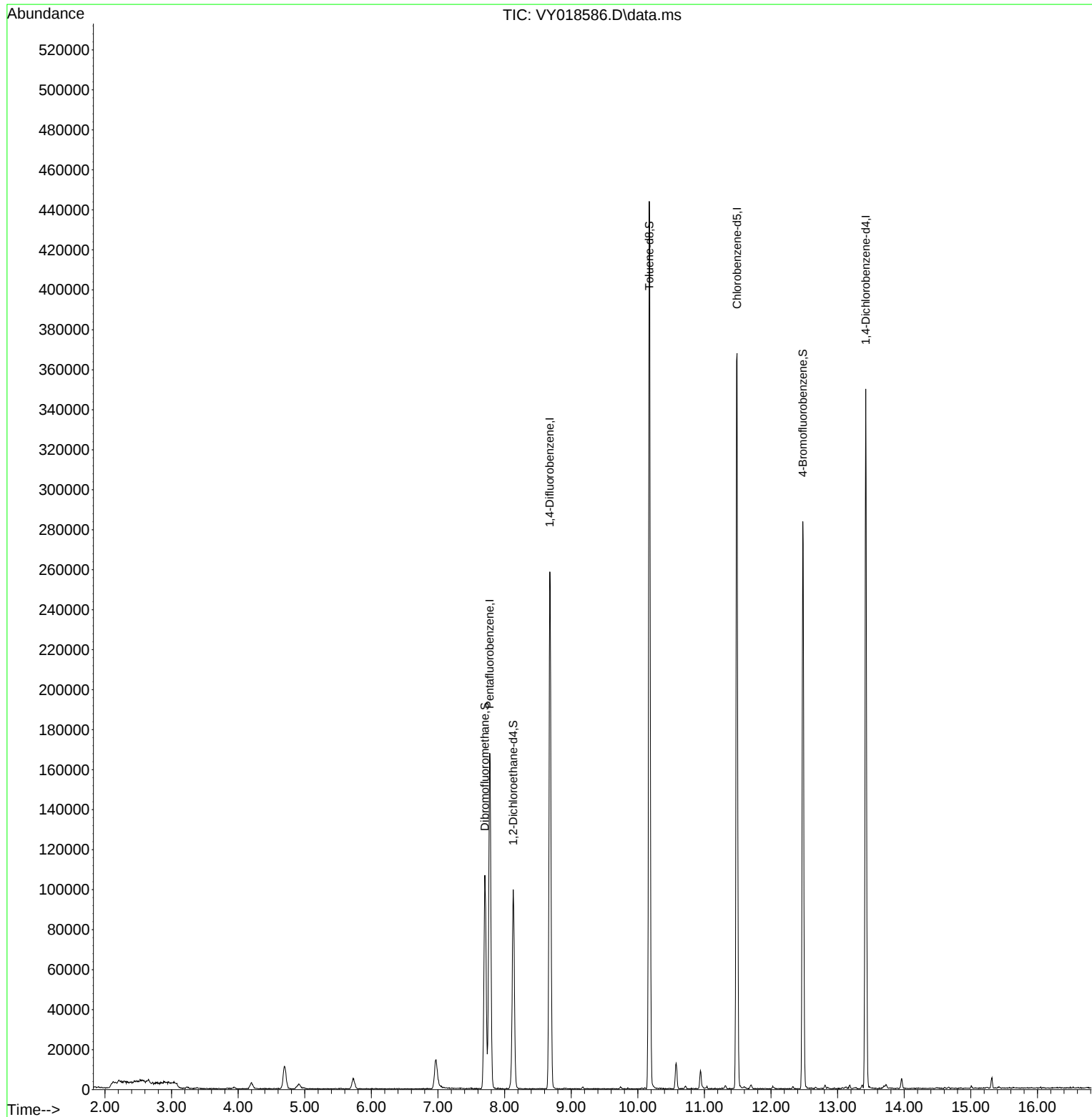
Target Compounds	Qvalue

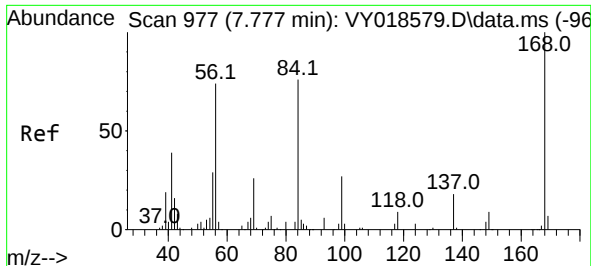
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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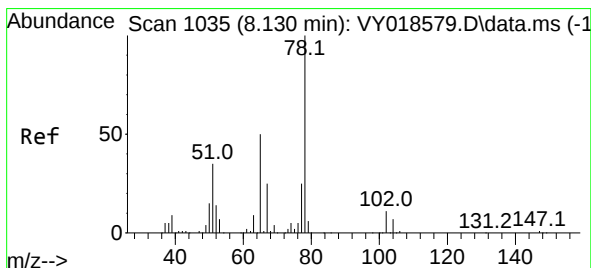
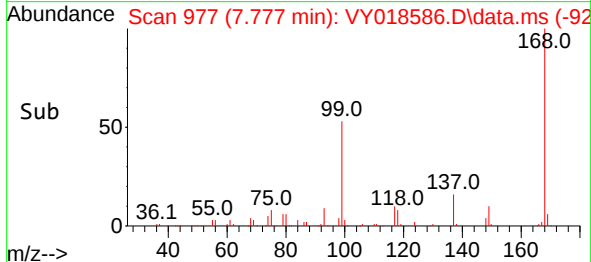
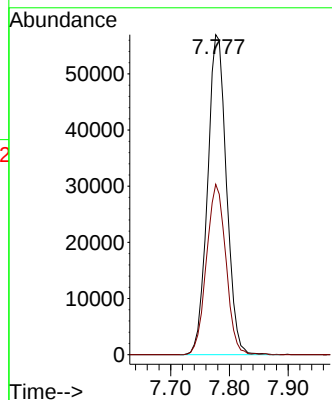
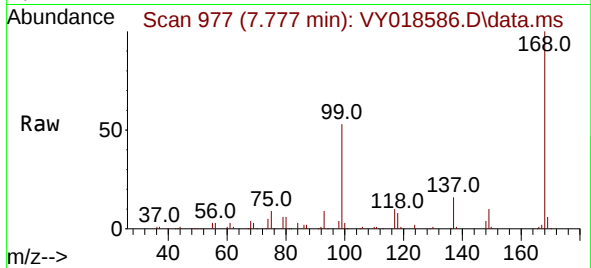




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

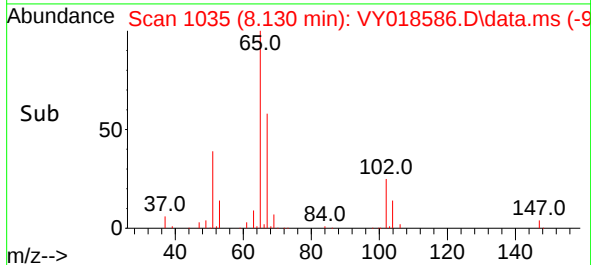
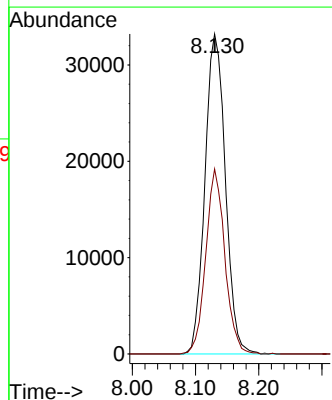
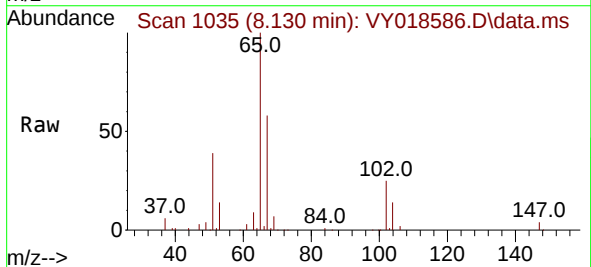
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

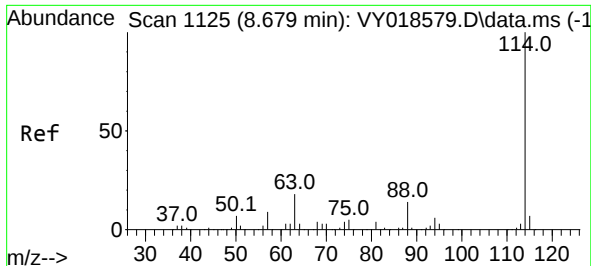
Tgt Ion:168 Resp: 127138
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.255 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion: 65 Resp: 74567
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

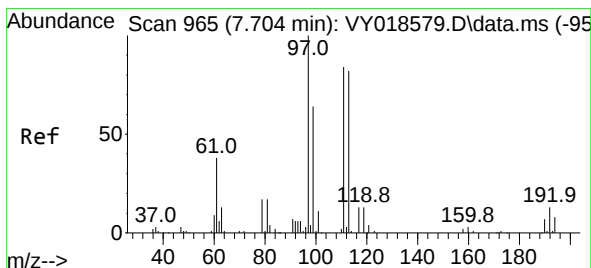
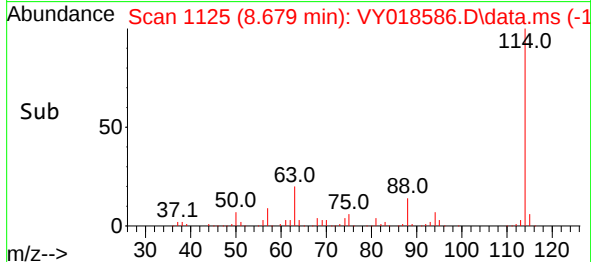
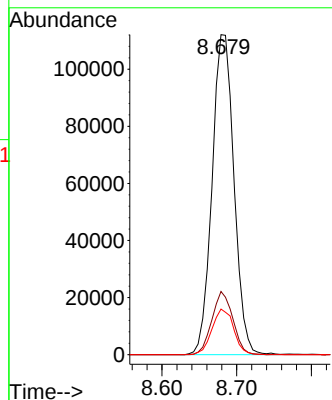
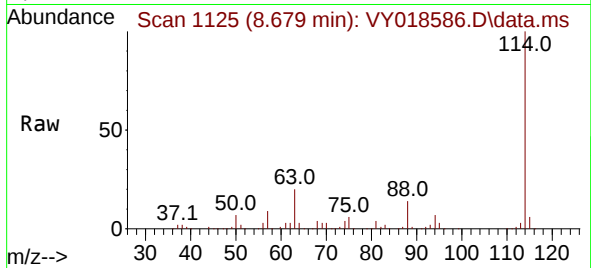




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

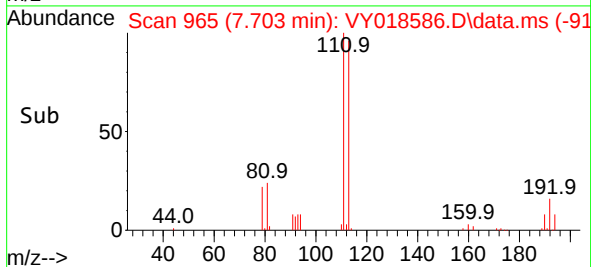
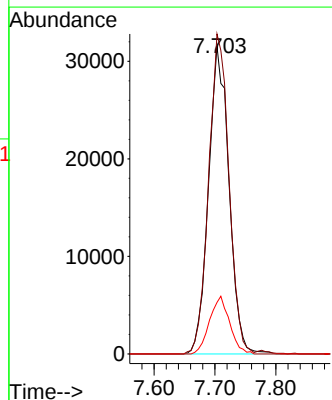
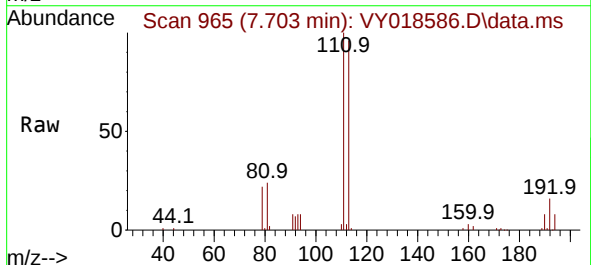
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

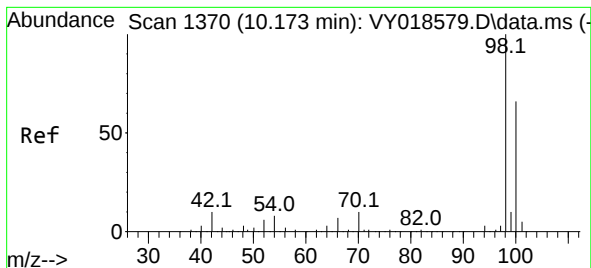
Tgt Ion:114 Resp: 228381
Ion Ratio Lower Upper
114 100
63 19.7 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.921 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion:113 Resp: 73727
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.4 15.9 23.9





#50

Toluene-d8

Concen: 53.038 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018586.D

Acq: 14 Jun 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

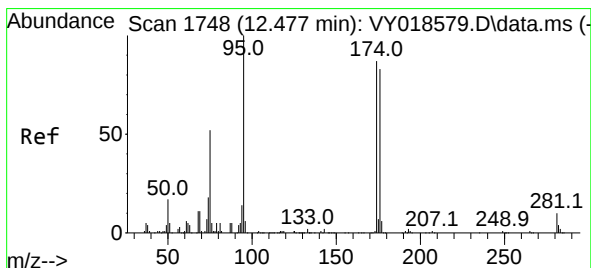
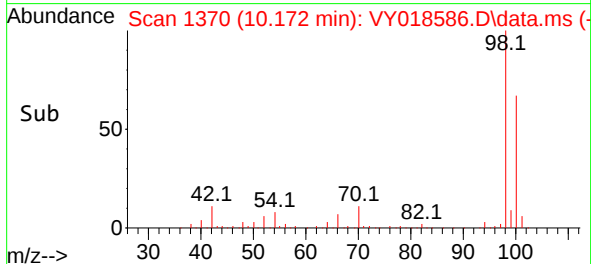
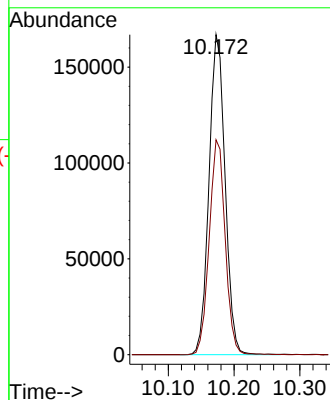
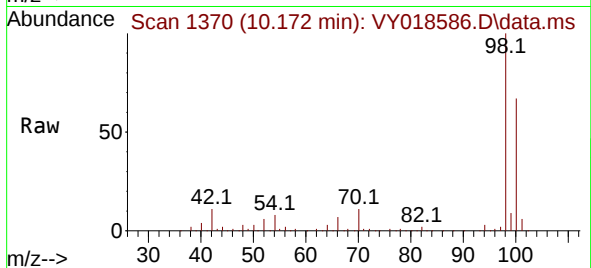
VY0614SBL01

Tgt Ion: 98 Resp: 284156

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.848 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018586.D

Acq: 14 Jun 2024 11:38

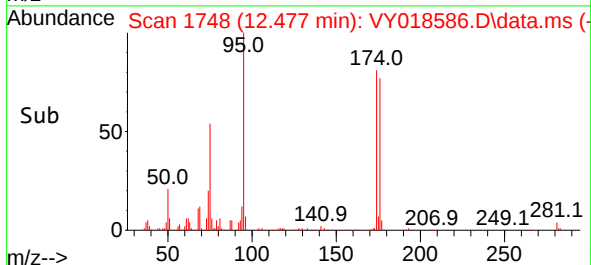
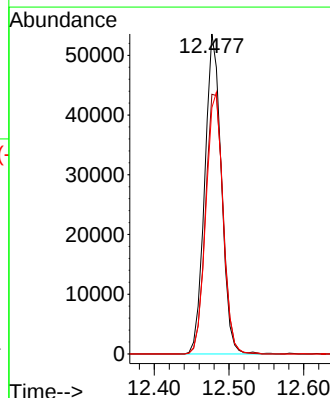
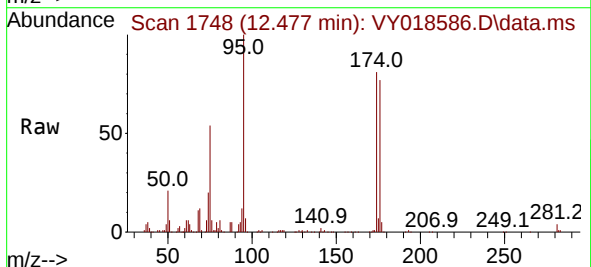
Tgt Ion: 95 Resp: 82640

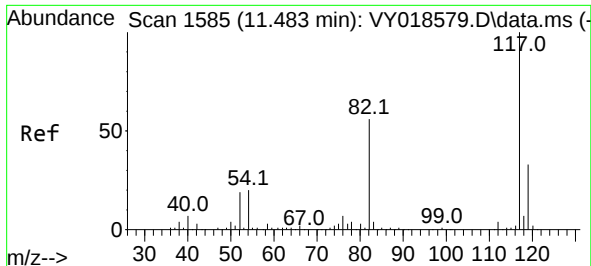
Ion Ratio Lower Upper

95 100

174 86.2 0.0 175.6

176 84.1 0.0 171.4

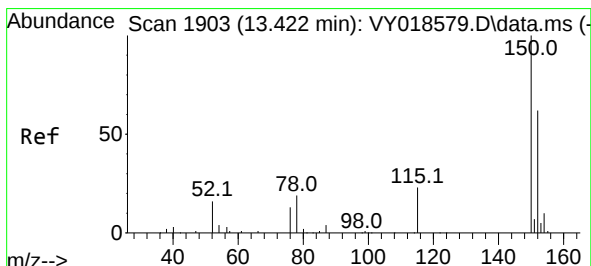
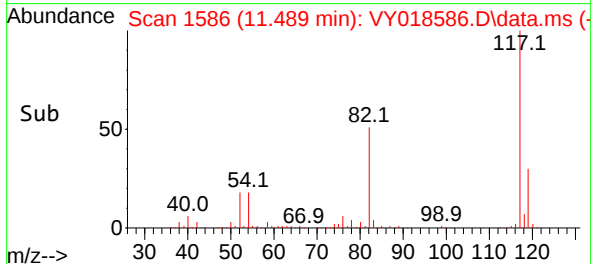
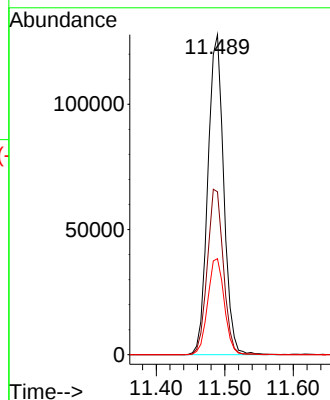
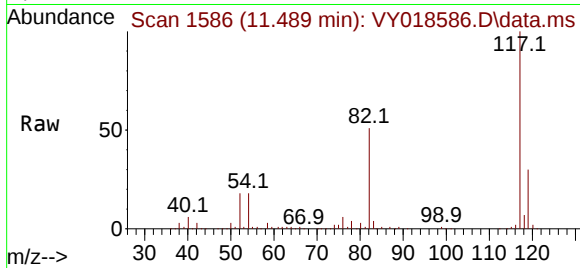




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

Tgt Ion:117 Resp: 205681
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 30.0 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: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion:152 Resp: 86926
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 155.5 0.0 345.6

