

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018654.D
 Acq On : 20 Jun 2024 14:15
 Operator : SY/MD
 Sample : P2955-06RE
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOCRE

Quant Time: Jun 21 01:06:44 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	31487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	34557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9587	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10411	32.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.680%
35) Dibromofluoromethane	7.710	113	13901	43.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.080%
50) Toluene-d8	10.173	98	55616	45.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.600%
62) 4-Bromofluorobenzene	12.477	95	10377	26.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.520%

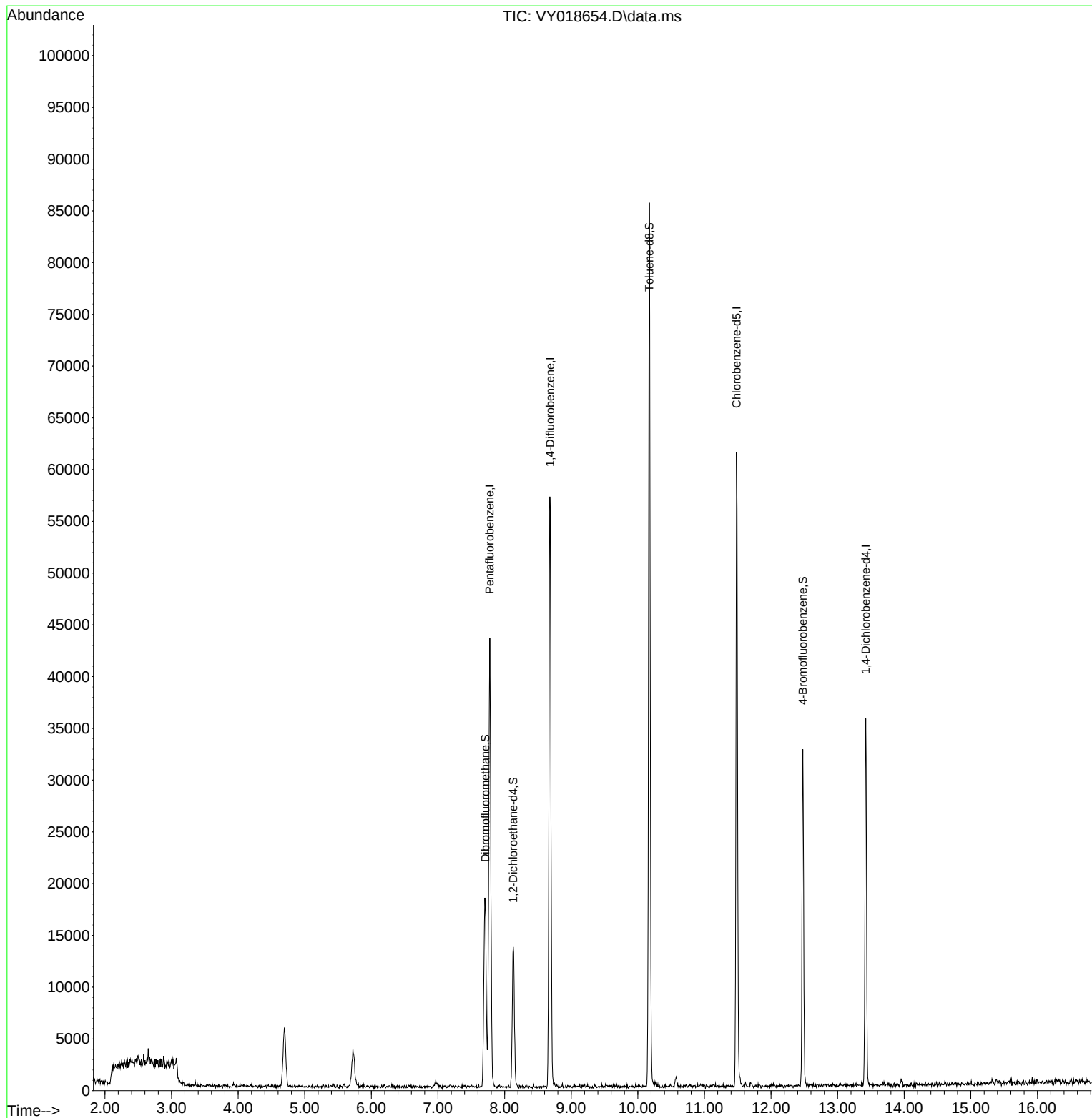
Target Compounds	Qvalue

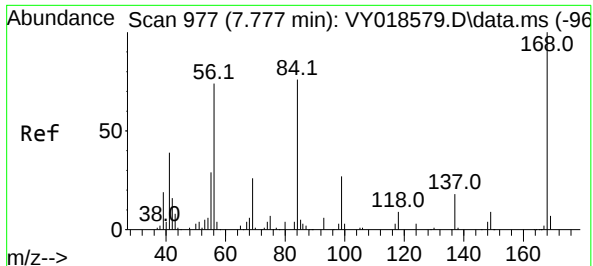
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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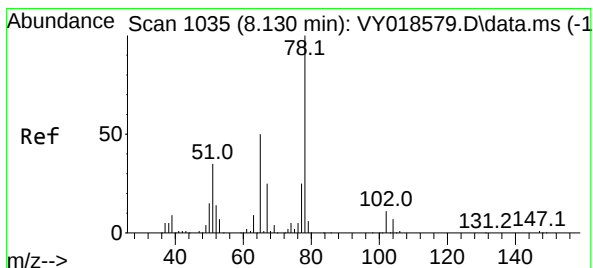
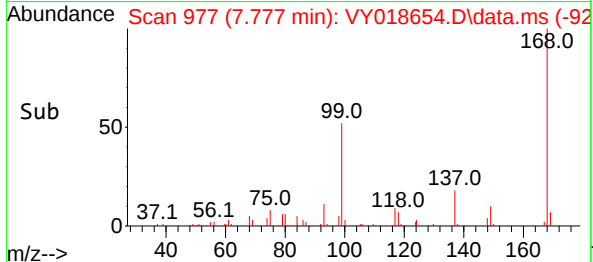
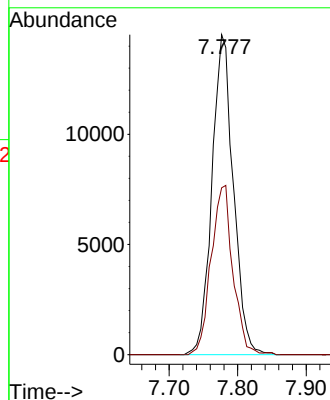
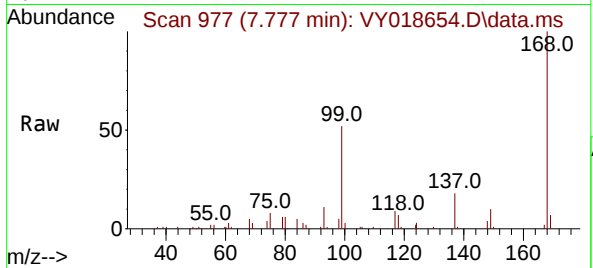




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

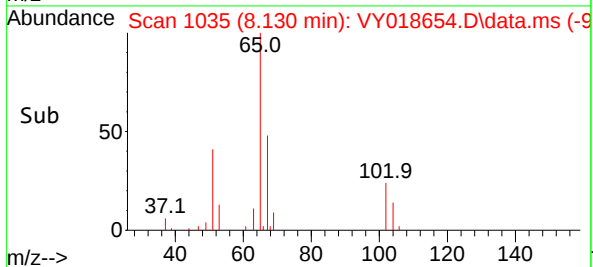
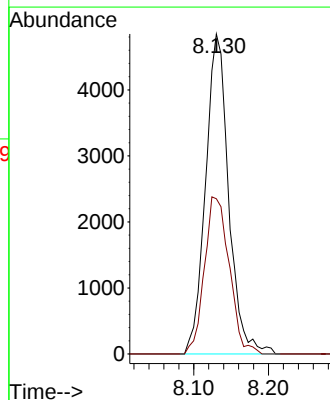
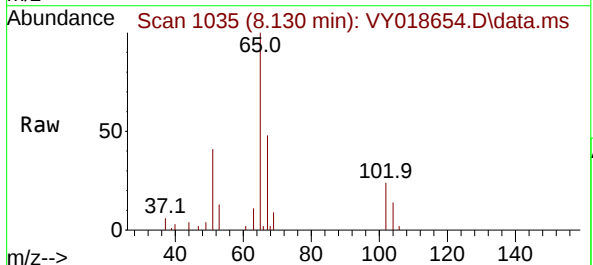
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOCRE

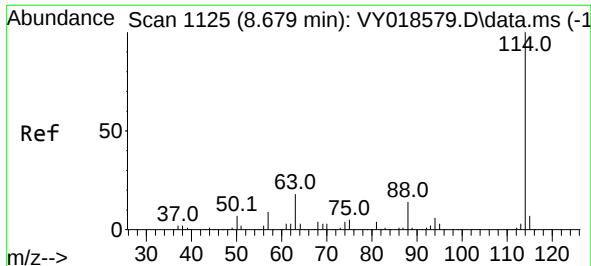
Tgt Ion:168 Resp: 31487
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 32.841 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Tgt Ion: 65 Resp: 10411
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018654.D

Acq: 20 Jun 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOCRE

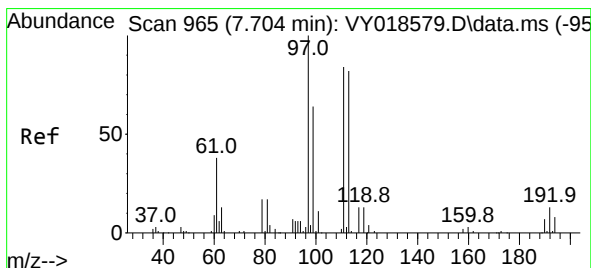
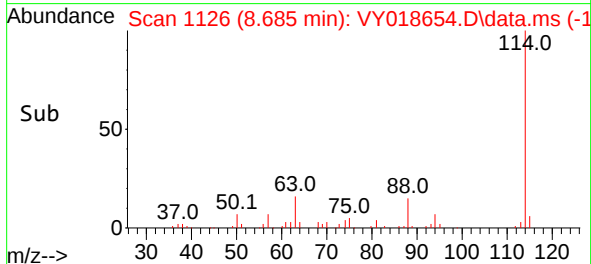
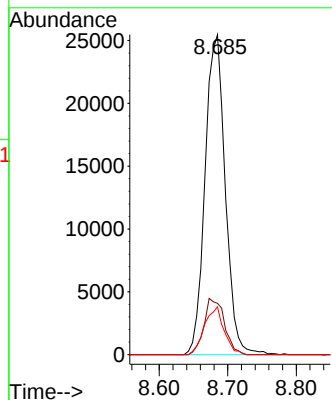
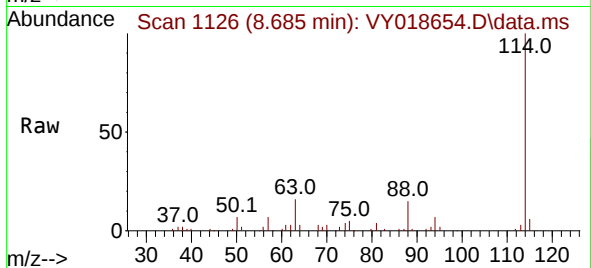
Tgt Ion:114 Resp: 52339

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.539 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018654.D

Acq: 20 Jun 2024 14:15

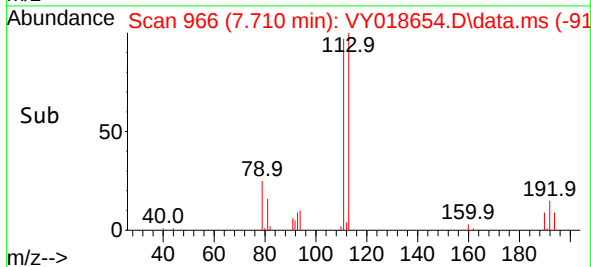
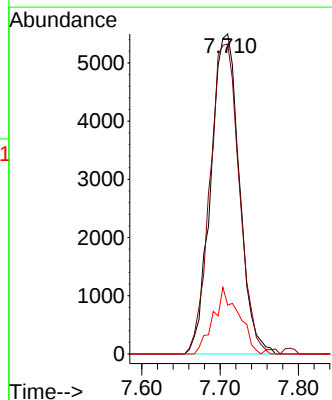
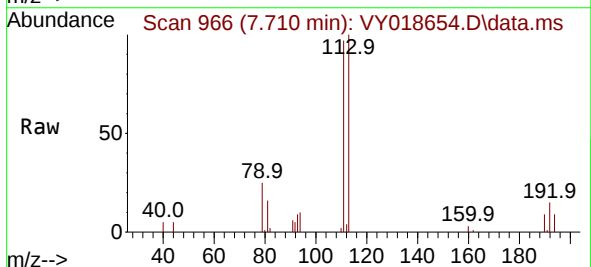
Tgt Ion:113 Resp: 13901

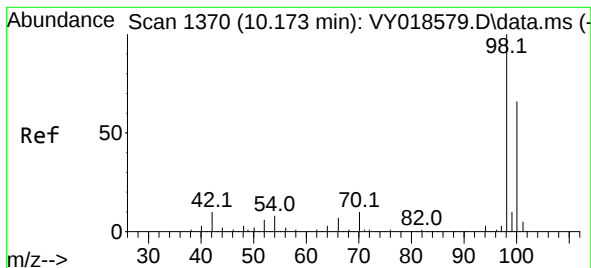
Ion Ratio Lower Upper

113 100

111 99.5 82.2 123.4

192 18.7 15.9 23.9





#50

Toluene-d8

Concen: 45.296 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018654.D

Acq: 20 Jun 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

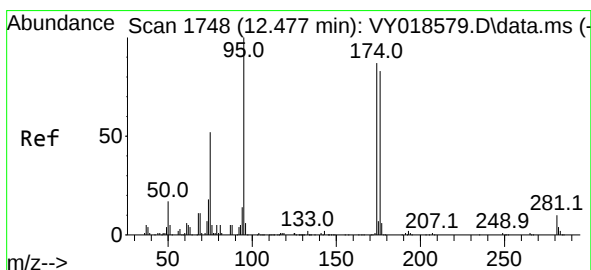
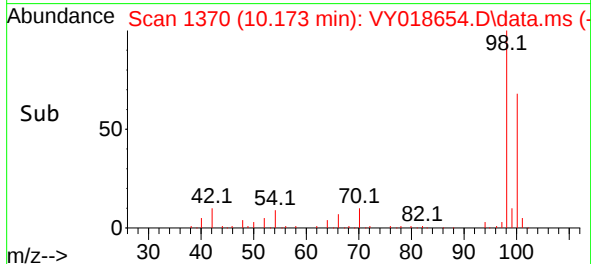
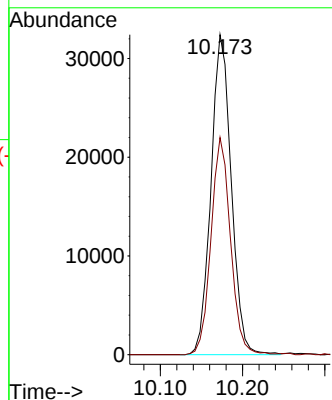
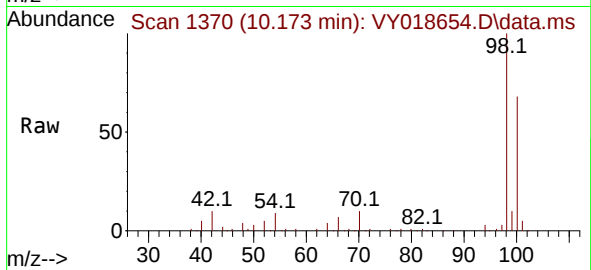
TP-1-VOCRE

Tgt Ion: 98 Resp: 55616

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 26.765 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018654.D

Acq: 20 Jun 2024 14:15

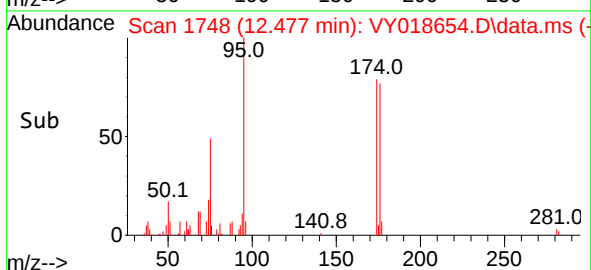
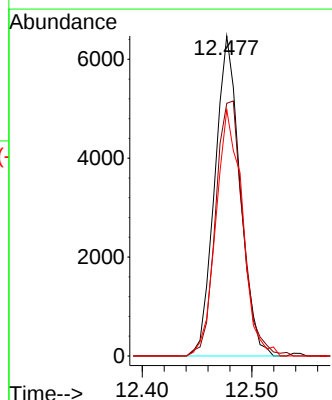
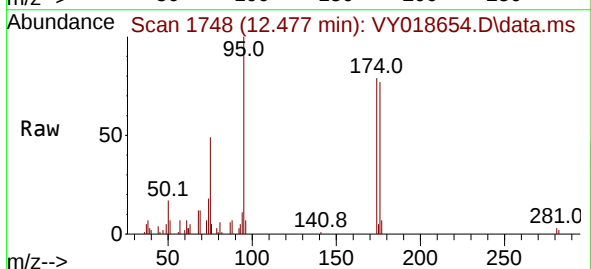
Tgt Ion: 95 Resp: 10377

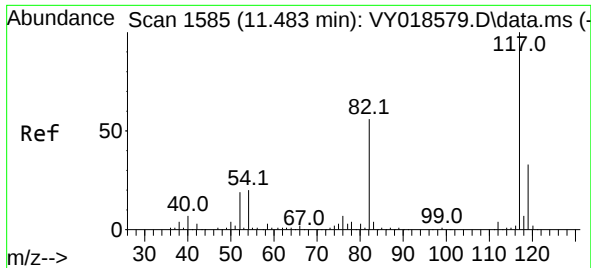
Ion Ratio Lower Upper

95 100

174 86.3 0.0 175.6

176 80.6 0.0 171.4

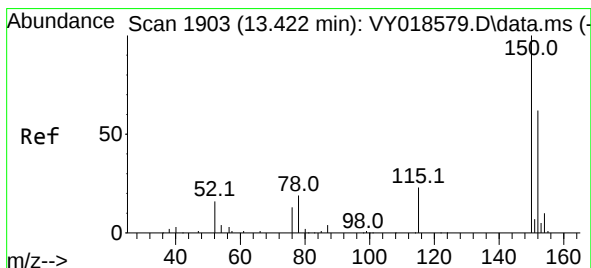
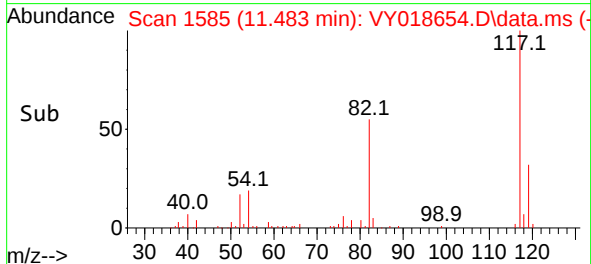
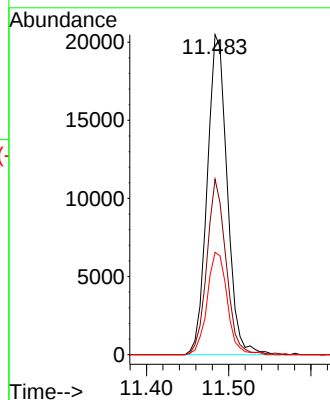
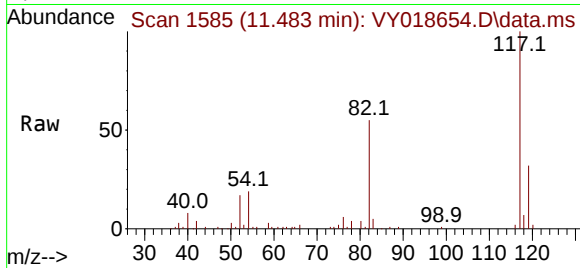




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOCRE

Tgt Ion:117 Resp: 34557
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 32.0 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: VY018654.D
Acq: 20 Jun 2024 14:15

Tgt Ion:152 Resp: 9587
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 151.7 0.0 345.6

