

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018653.D
 Acq On : 20 Jun 2024 13:50
 Operator : SY/MD
 Sample : P2943-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-212

Quant Time: Jun 21 01:06:16 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	19274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	32596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	24599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	9342	48.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.280%
35) Dibromofluoromethane	7.710	113	9802	49.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.173	98	34600	45.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.500%
62) 4-Bromofluorobenzene	12.477	95	8114	33.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.200%

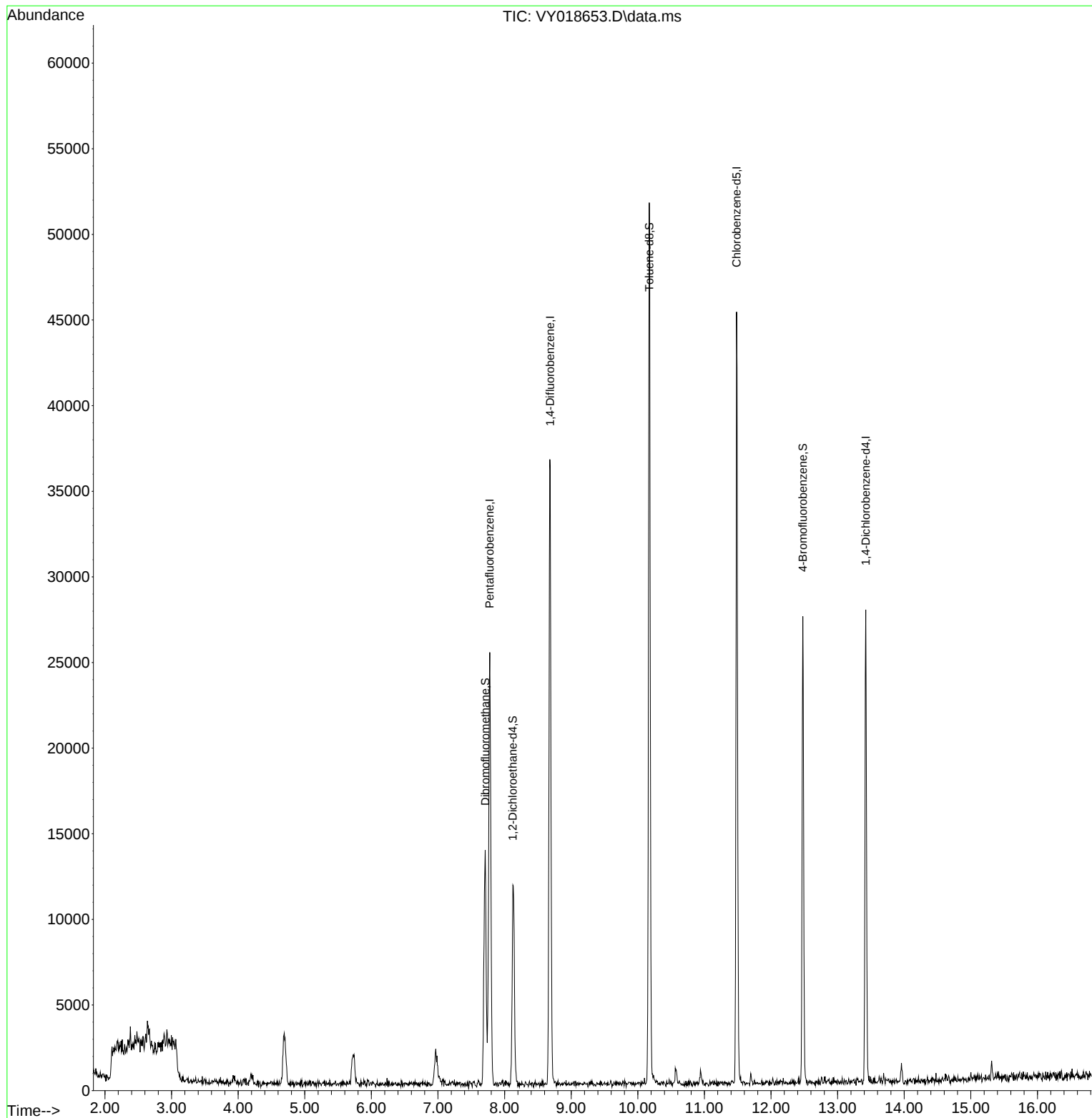
Target Compounds	Qvalue

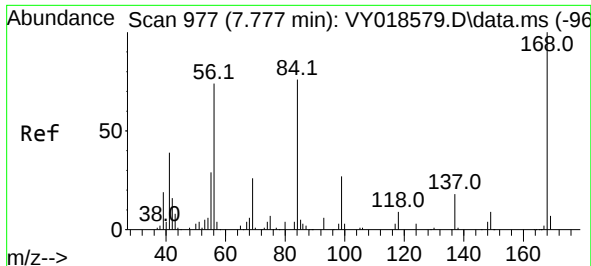
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
Data File : VY018653.D
Acq On : 20 Jun 2024 13:50
Operator : SY/MD
Sample : P2943-02
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Quant Time: Jun 21 01:06:16 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

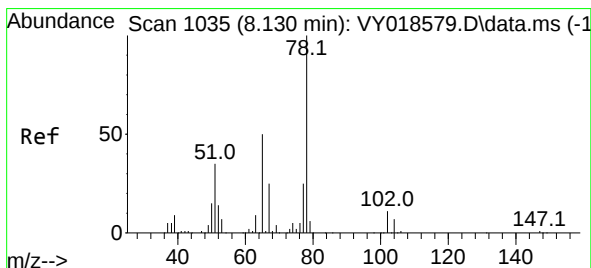
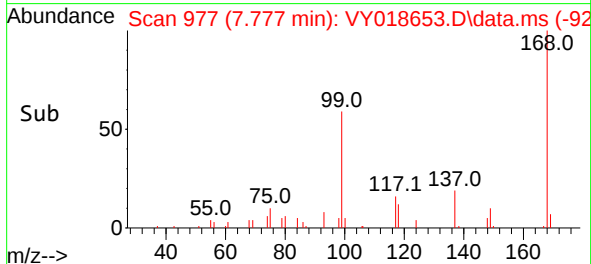
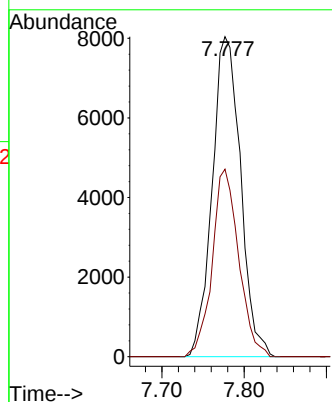
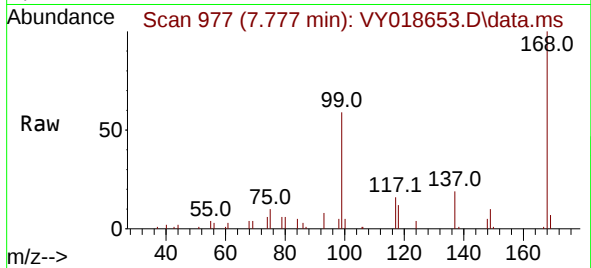




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018653.D
Acq: 20 Jun 2024 13:50

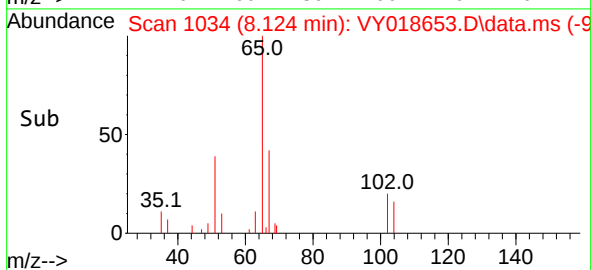
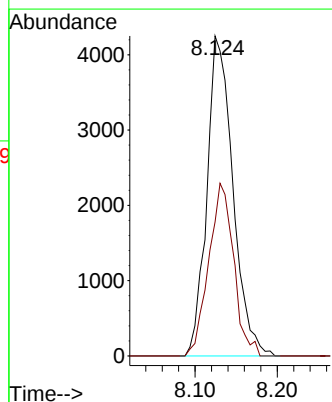
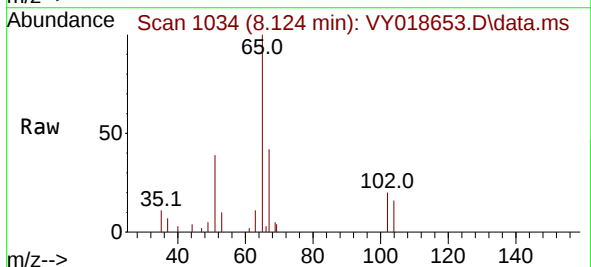
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

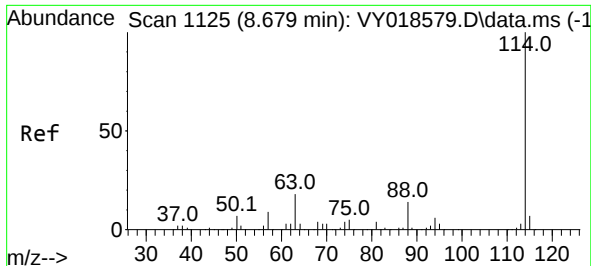
Tgt Ion:168 Resp: 19274
Ion Ratio Lower Upper
168 100
99 58.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.143 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018653.D
Acq: 20 Jun 2024 13:50

Tgt Ion: 65 Resp: 9342
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018653.D

Acq: 20 Jun 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-212

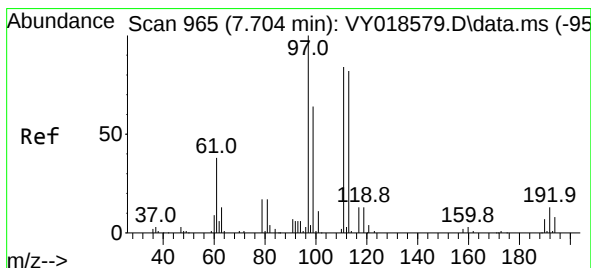
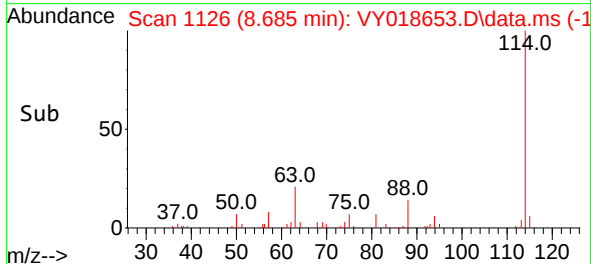
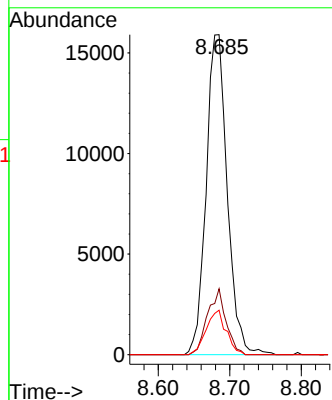
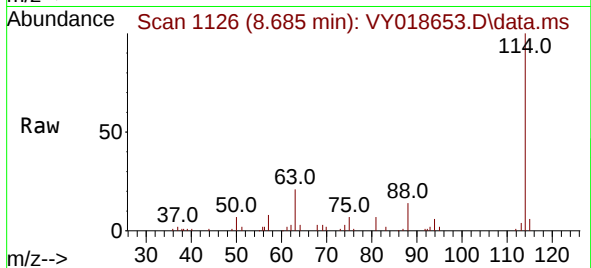
Tgt Ion:114 Resp: 32596

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.296 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018653.D

Acq: 20 Jun 2024 13:50

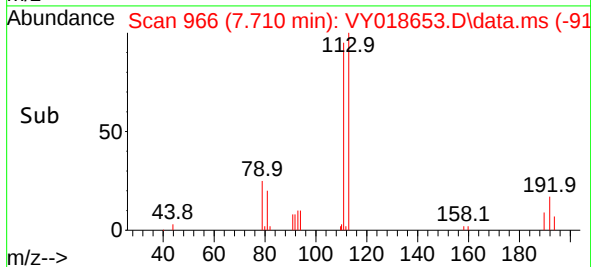
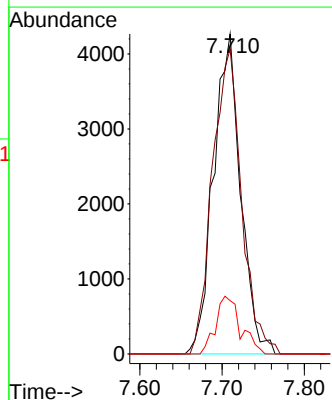
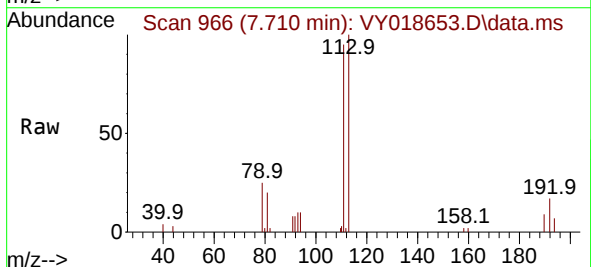
Tgt Ion:113 Resp: 9802

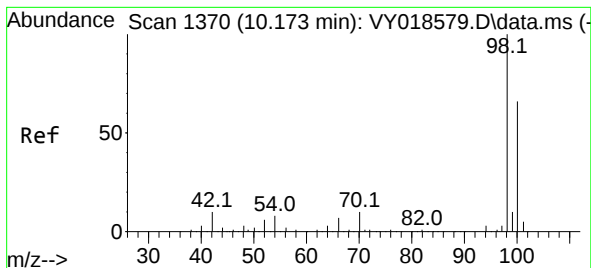
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 16.5 15.9 23.9





#50

Toluene-d8

Concen: 45.248 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018653.D

Acq: 20 Jun 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

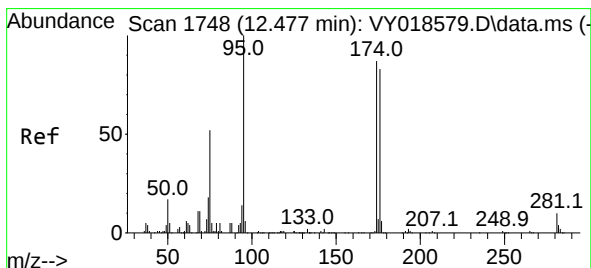
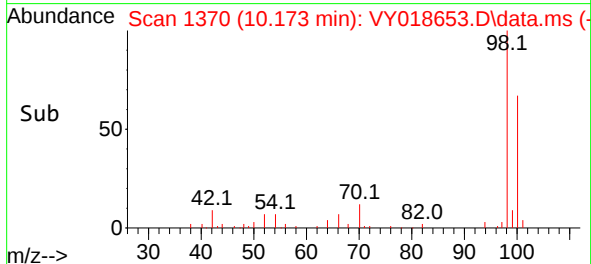
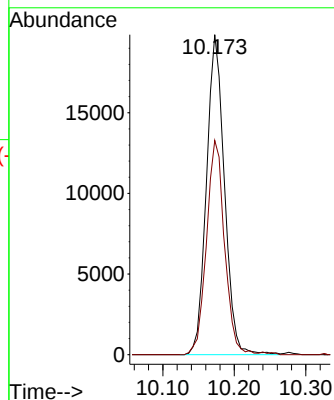
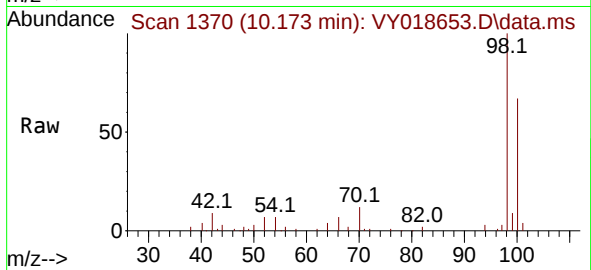
VNJ-212

Tgt Ion: 98 Resp: 34600

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 33.604 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018653.D

Acq: 20 Jun 2024 13:50

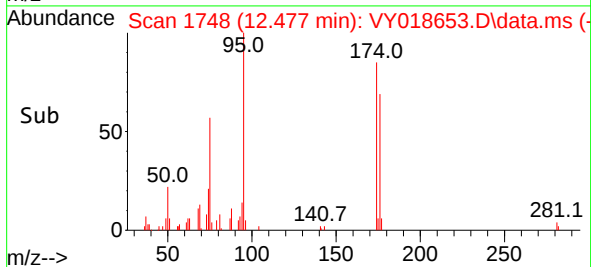
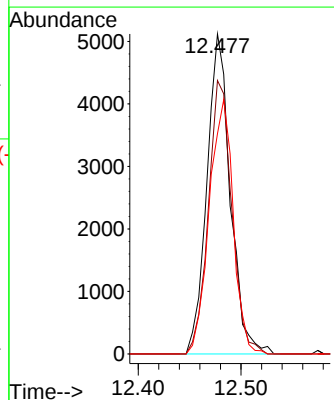
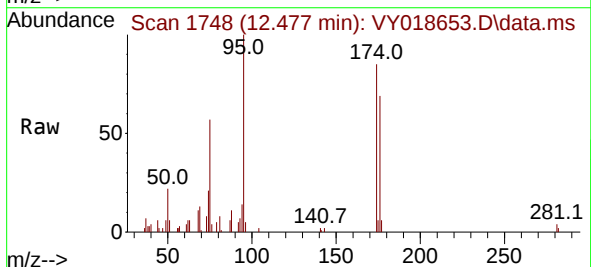
Tgt Ion: 95 Resp: 8114

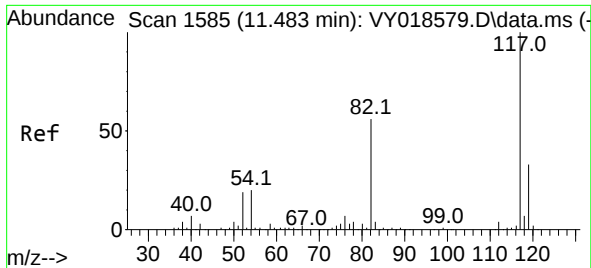
Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

176 81.0 0.0 171.4

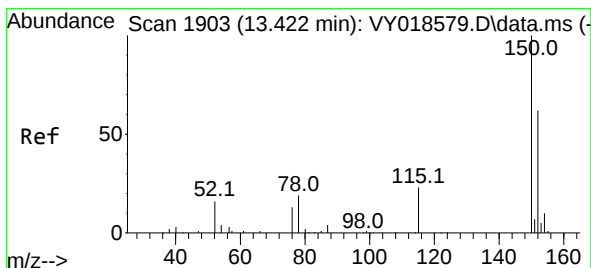
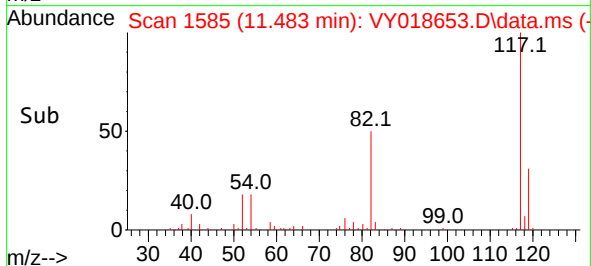
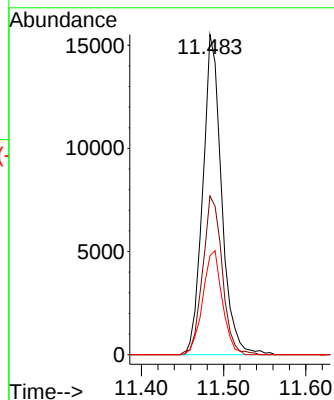
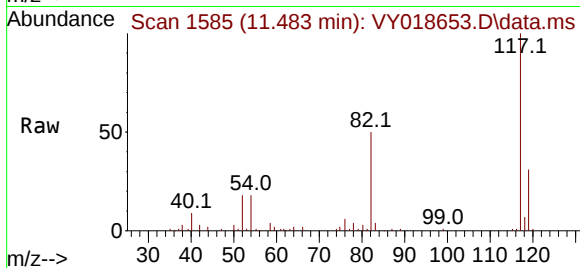




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018653.D
Acq: 20 Jun 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:117	Resp:	24599
Ion	Ratio	Lower Upper
117	100	
82	49.6	42.4 63.6
119	30.9	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: VY018653.D
Acq: 20 Jun 2024 13:50

Tgt Ion:152	Resp:	7298
Ion	Ratio	Lower Upper
152	100	
115	59.2	28.2 84.7
150	159.3	0.0 345.6

