

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018657.D
 Acq On : 20 Jun 2024 15:31
 Operator : SY/MD
 Sample : P2976-03
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-K-VOC

Quant Time: Jun 21 01:07:54 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	92290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	177350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	166458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51142	55.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.710	113	55572	51.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.740%
50) Toluene-d8	10.173	98	211996	50.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.477	95	63285	48.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.340%

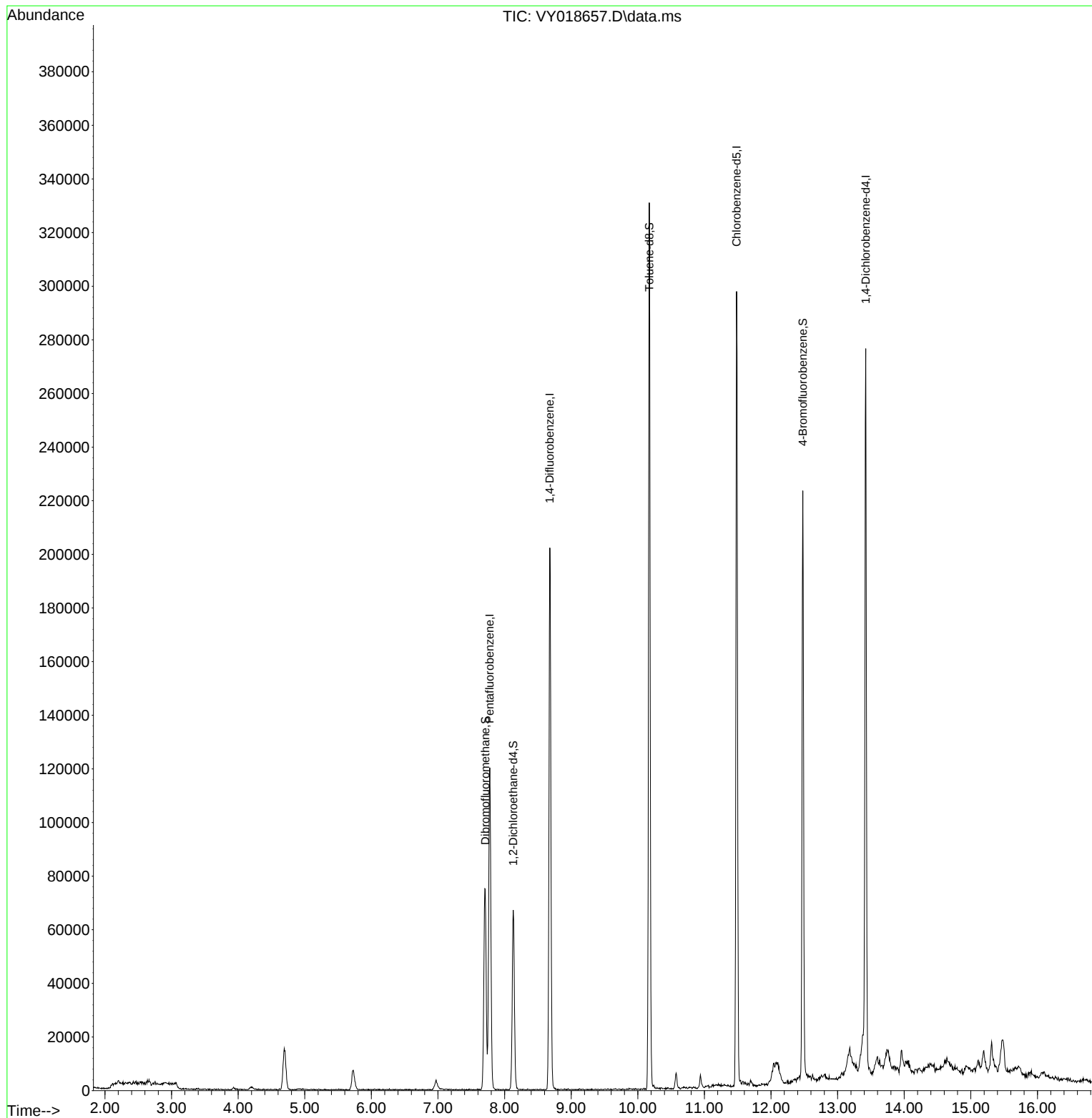
Target Compounds	Qvalue

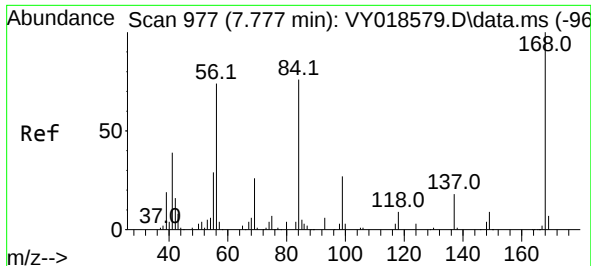
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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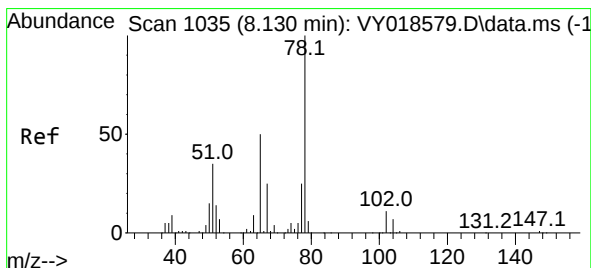
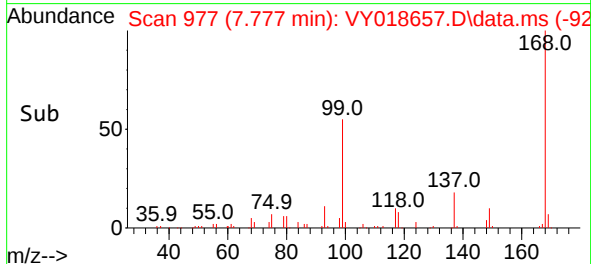
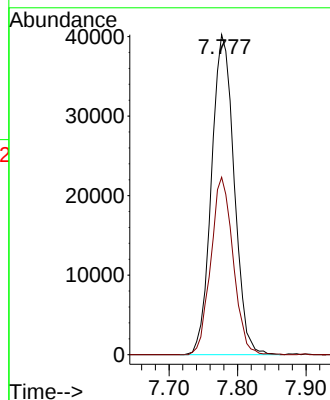
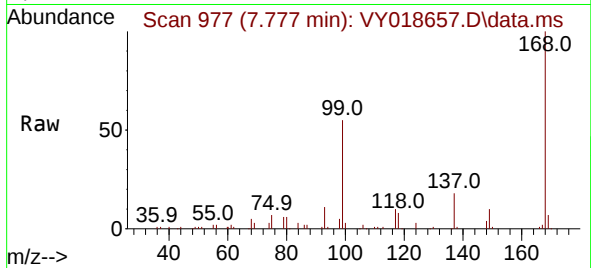




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

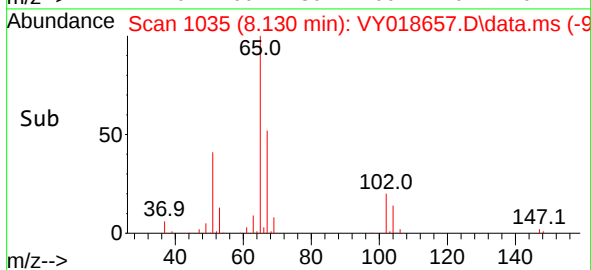
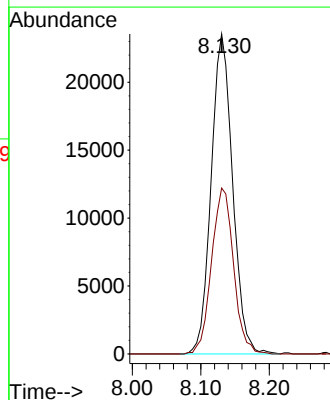
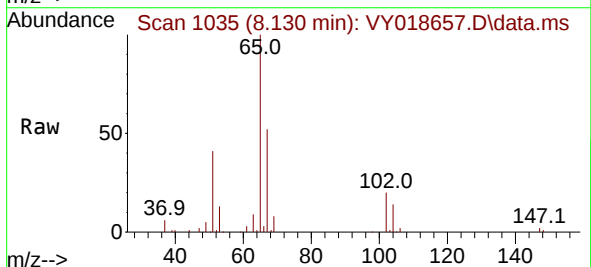
Instrument :
MSVOA_Y
ClientSampleId :
MH-K-VOC

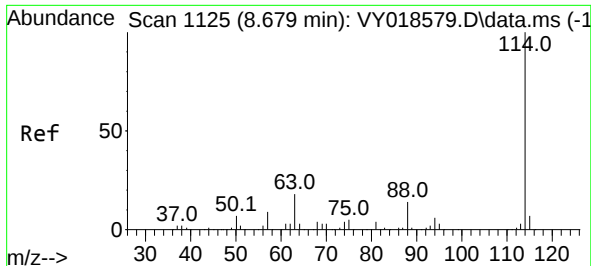
Tgt Ion:168 Resp: 92290
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.041 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Tgt Ion: 65 Resp: 51142
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6

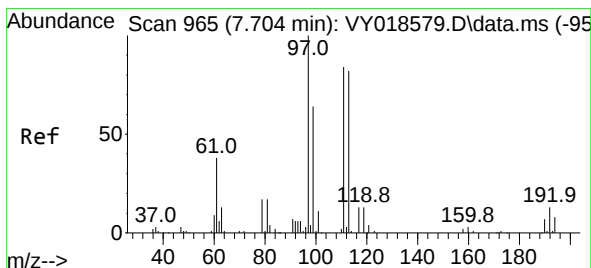
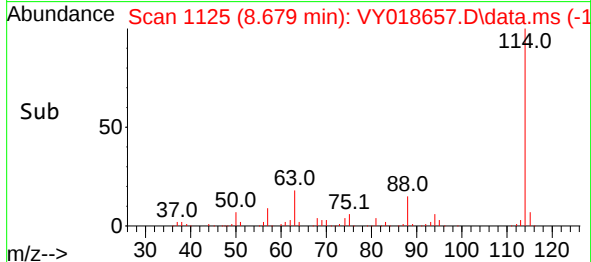
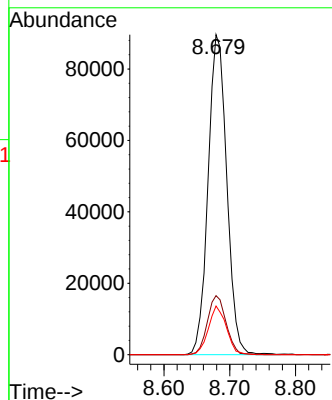
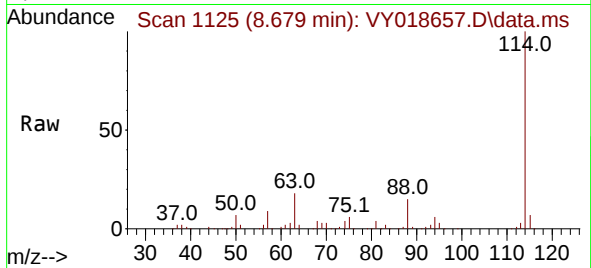




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

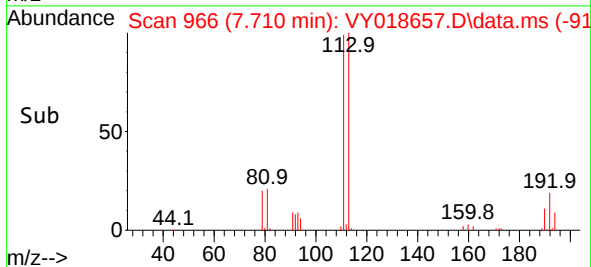
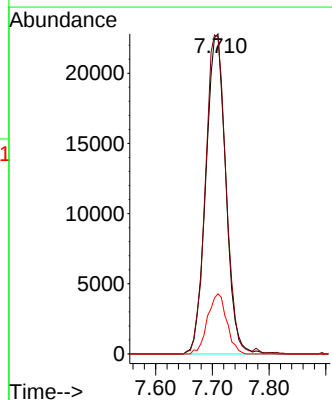
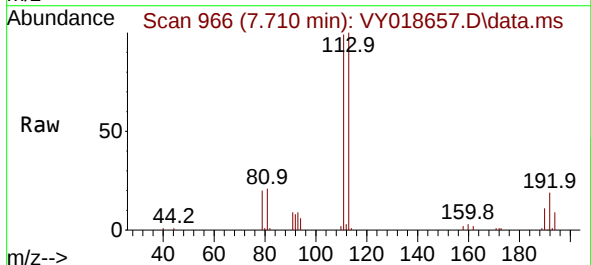
Instrument :
MSVOA_Y
ClientSampleId :
MH-K-VOC

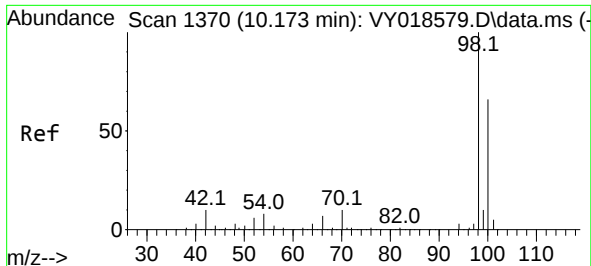
Tgt Ion:114 Resp: 177350
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 15.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.367 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Tgt Ion:113 Resp: 55572
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.1 15.9 23.9





#50

Toluene-d8

Concen: 50.955 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018657.D

Acq: 20 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

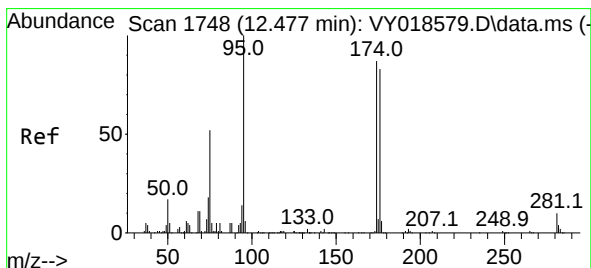
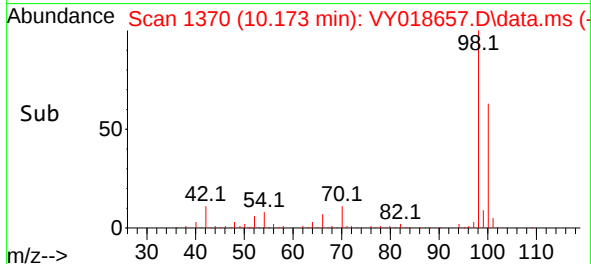
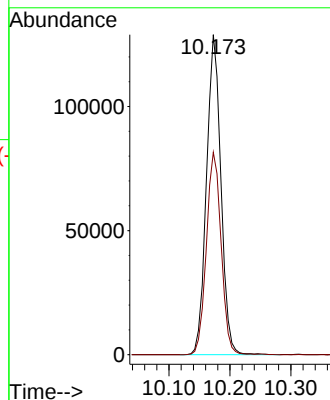
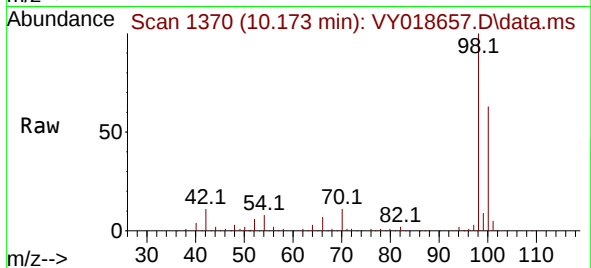
MH-K-VOC

Tgt Ion: 98 Resp: 211996

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.171 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018657.D

Acq: 20 Jun 2024 15:31

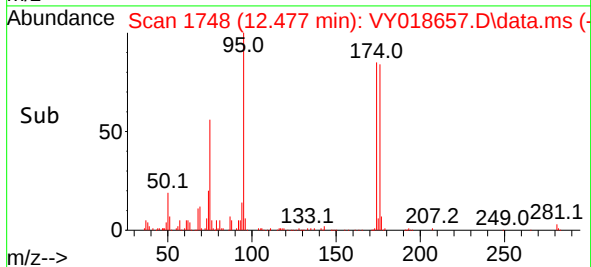
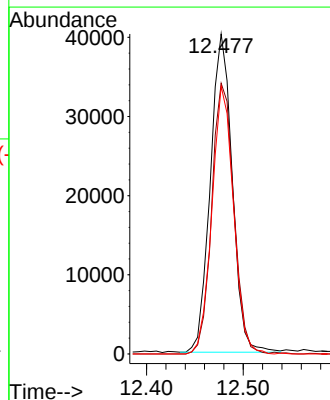
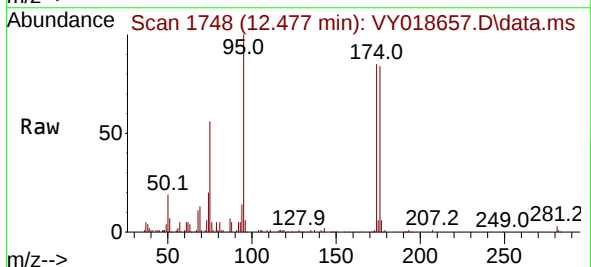
Tgt Ion: 95 Resp: 63285

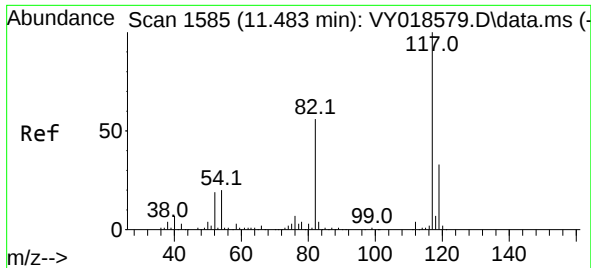
Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

176 82.8 0.0 171.4

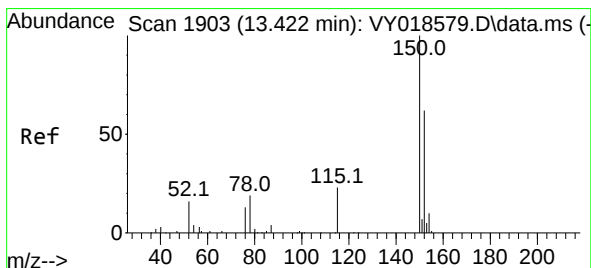
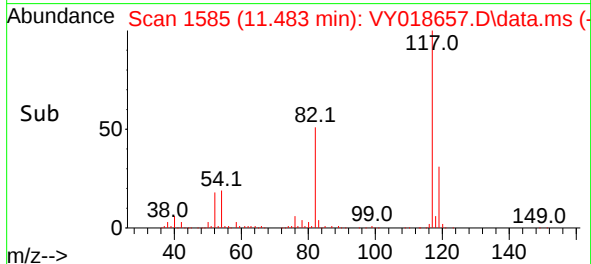
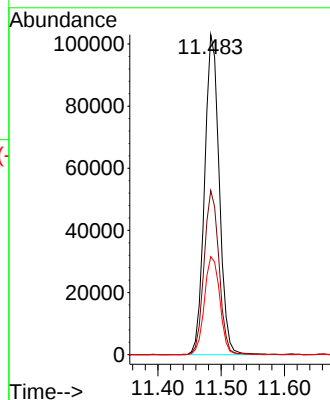
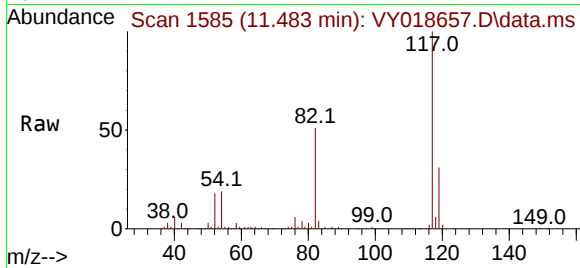




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :
MH-K-VOC

Tgt Ion:117 Resp: 166458
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 30.6 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: VY018657.D
Acq: 20 Jun 2024 15:31

Tgt Ion:152 Resp: 67213
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 157.0 0.0 345.6

