

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018656.D
 Acq On : 20 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2952-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11944RE

Quant Time: Jun 21 01:07:32 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	50802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	89154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	74489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24297	47.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.000%
35) Dibromofluoromethane	7.704	113	26123	48.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.173	98	101698	48.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.477	95	24998	37.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.700%

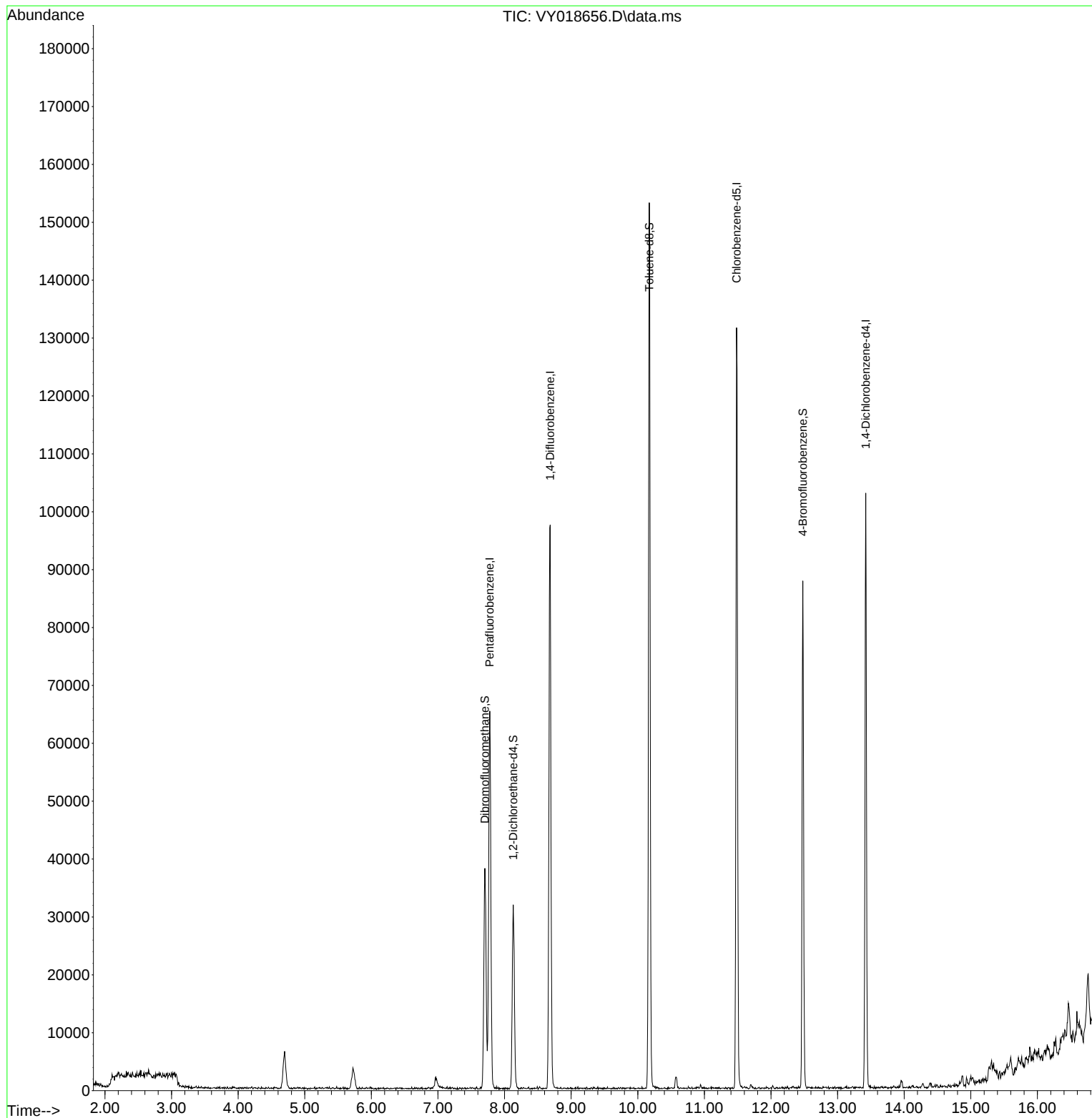
Target Compounds	Qvalue

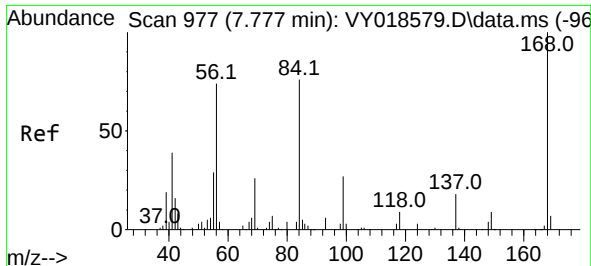
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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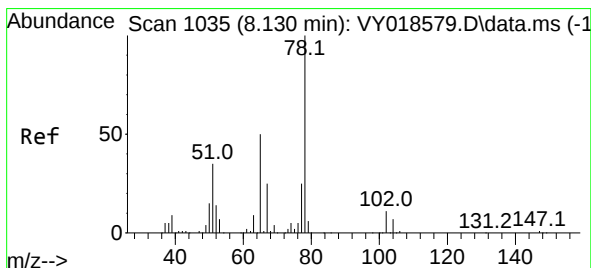
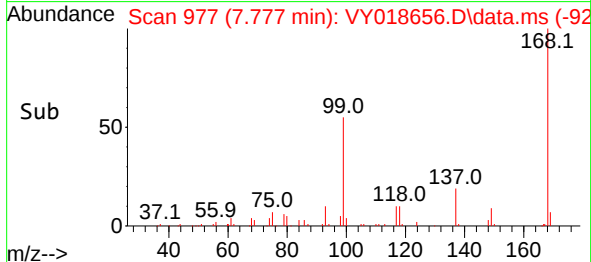
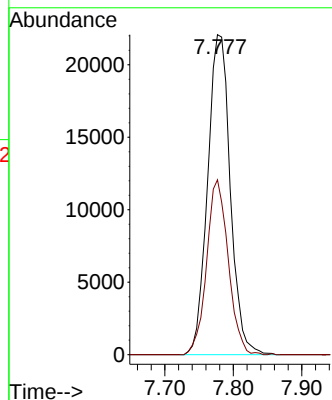
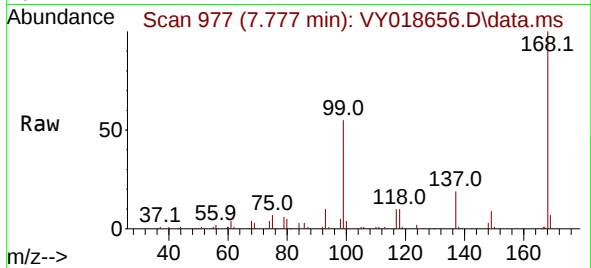




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

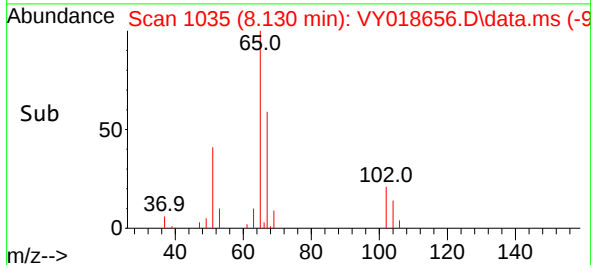
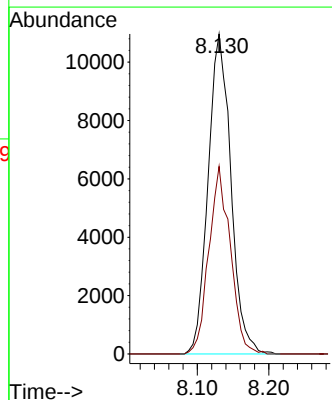
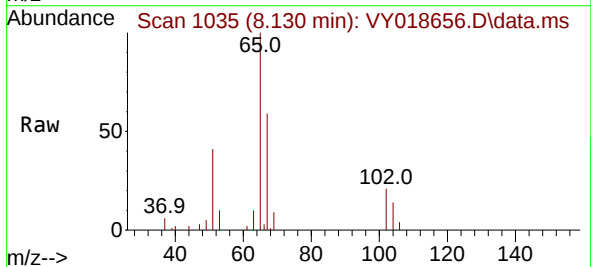
Instrument :
MSVOA_Y
ClientSampleId :
72-11944RE

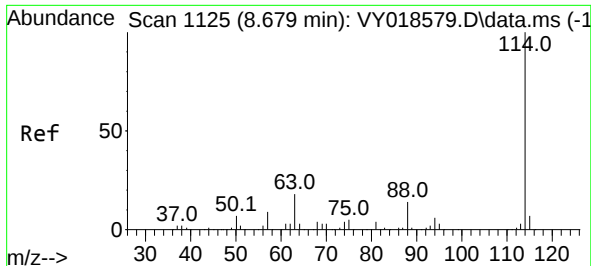
Tgt Ion:168 Resp: 50802
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.504 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion: 65 Resp: 24297
Ion Ratio Lower Upper
65 100
67 55.3 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: VY018656.D

Acq: 20 Jun 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

72-11944RE

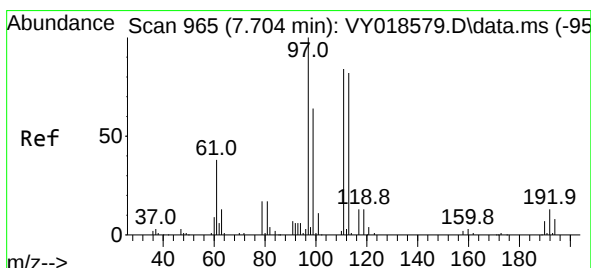
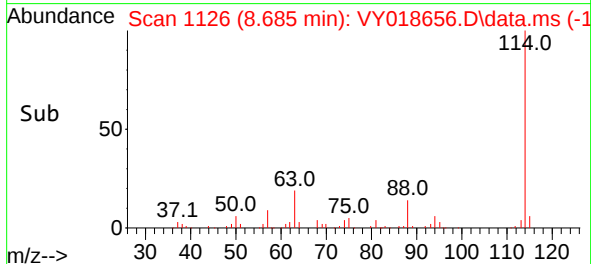
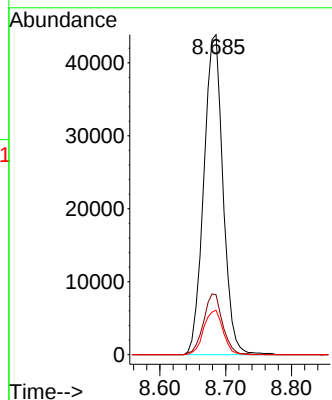
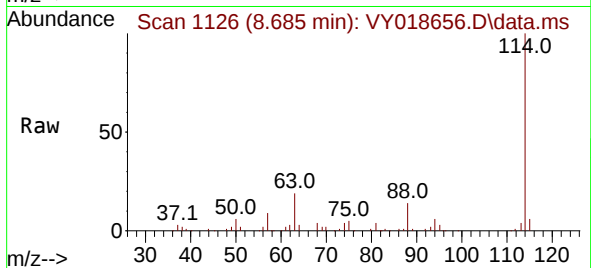
Tgt Ion:114 Resp: 89154

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.033 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018656.D

Acq: 20 Jun 2024 15:05

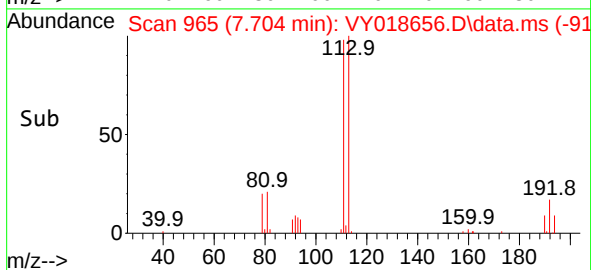
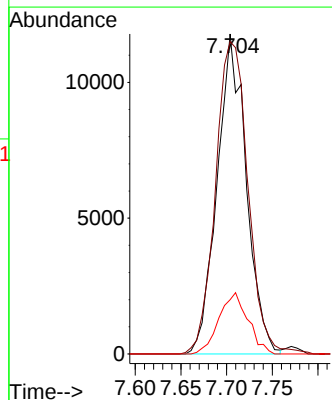
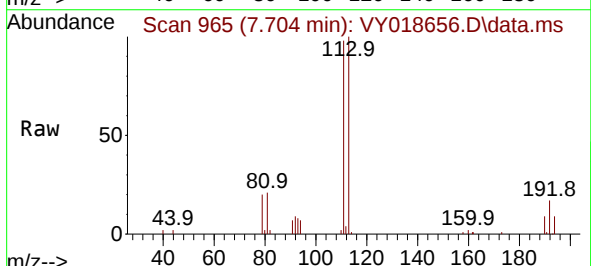
Tgt Ion:113 Resp: 26123

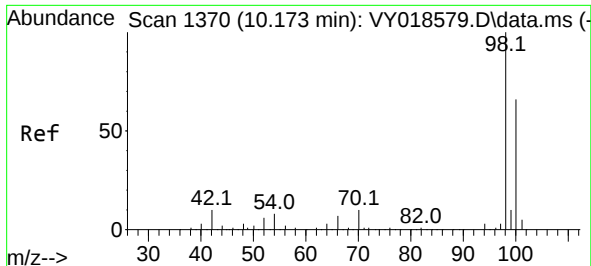
Ion Ratio Lower Upper

113 100

111 108.7 82.2 123.4

192 19.1 15.9 23.9

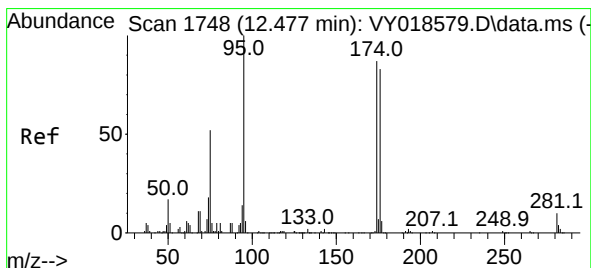
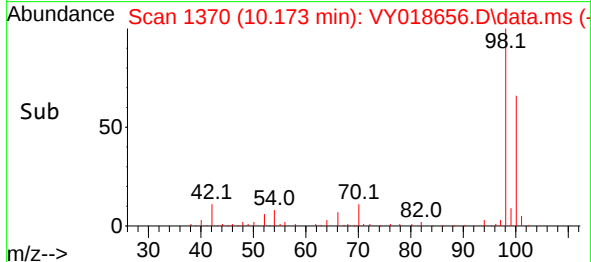
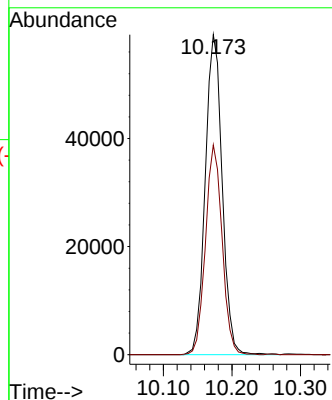
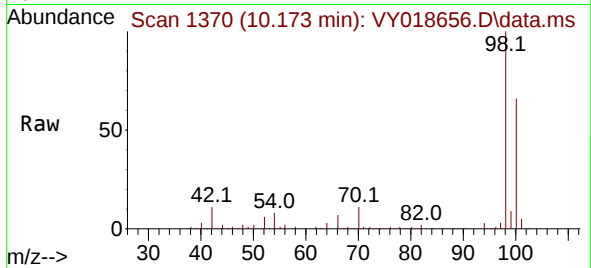




#50
Toluene-d8
Concen: 48.625 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

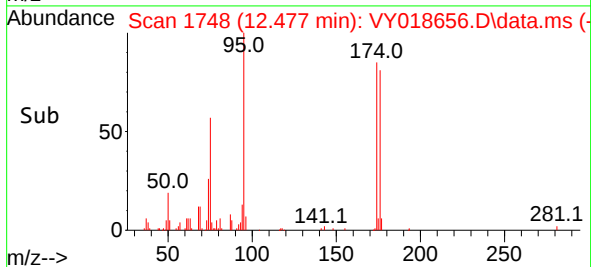
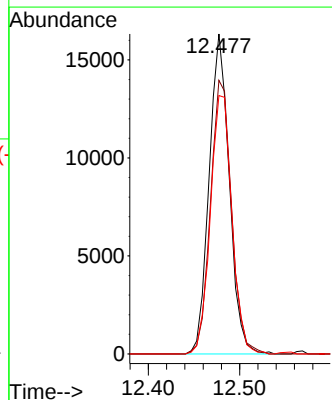
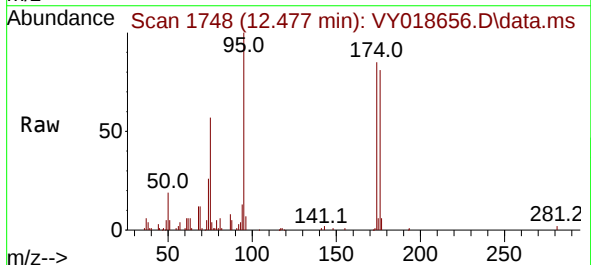
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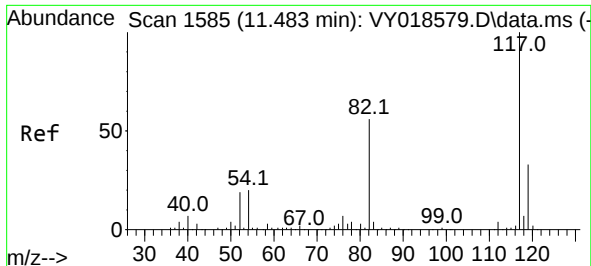
Tgt Ion: 98 Resp: 101698
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.851 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion: 95 Resp: 24998
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 86.2 0.0 171.4

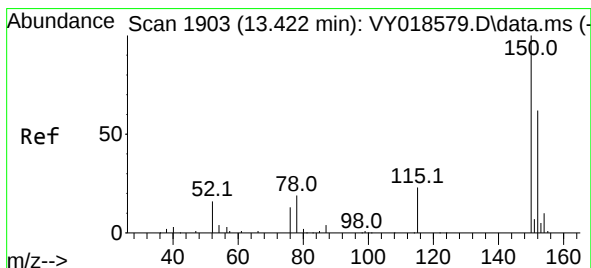
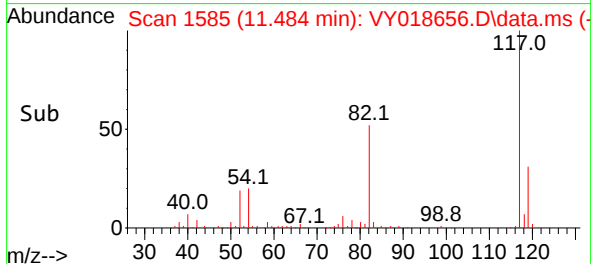
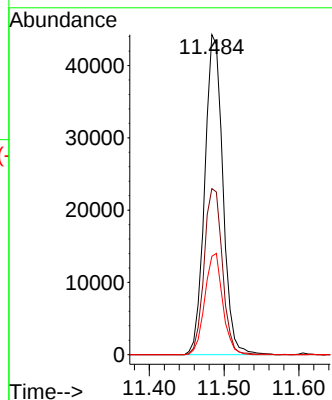
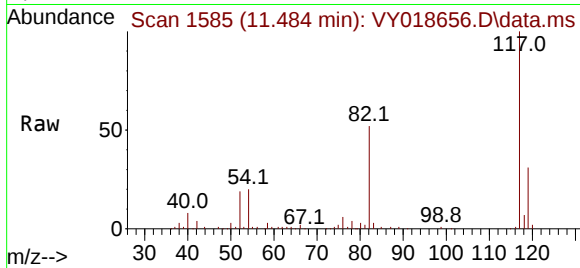




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :
72-11944RE

Tgt Ion:117 Resp: 74489
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 30.7 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: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion:152 Resp: 26403
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 149.8 0.0 345.6

