

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018613.D
 Acq On : 17 Jun 2024 16:42
 Operator : SY/MD
 Sample : P2887-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-06132024

Quant Time: Jun 18 01:25:56 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)

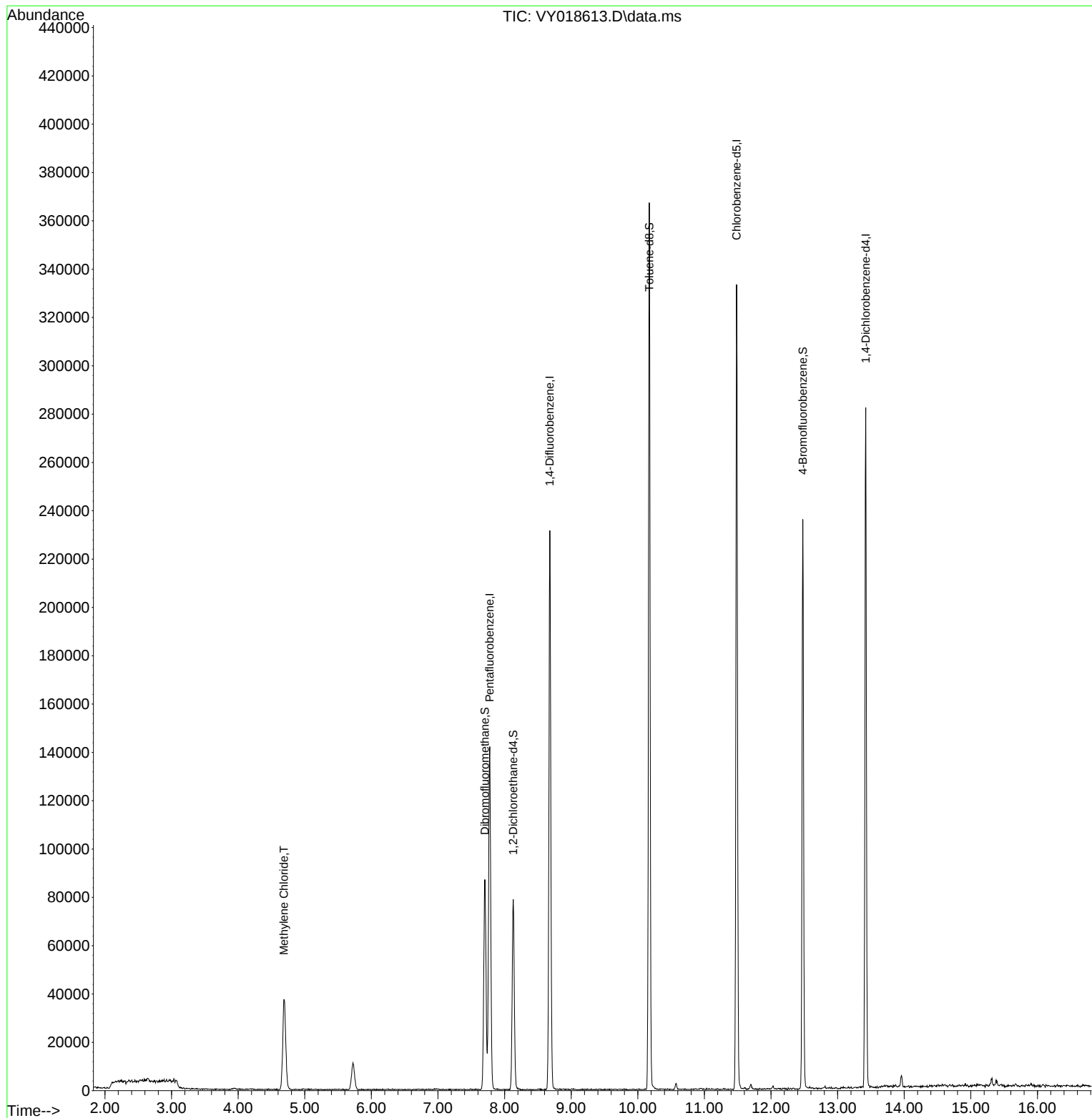
Internal Standards						
1) Pentafluorobenzene	7.777	168	106518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	196786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	181002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58879	54.903	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.800%		
35) Dibromofluoromethane	7.704	113	61129	50.923	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.840%		
50) Toluene-d8	10.173	98	232258	50.311	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 100.620%		
62) 4-Bromofluorobenzene	12.477	95	69560	47.718	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 95.440%		
Target Compounds						Qvalue
20) Methylene Chloride	4.686	84	29295	15.627	ug/l	97

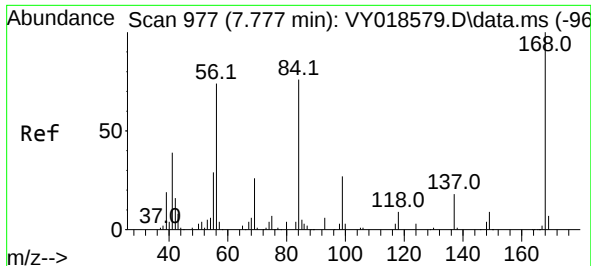
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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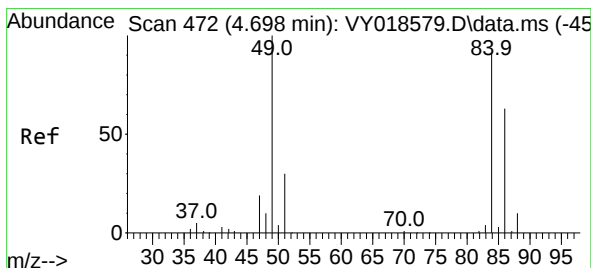
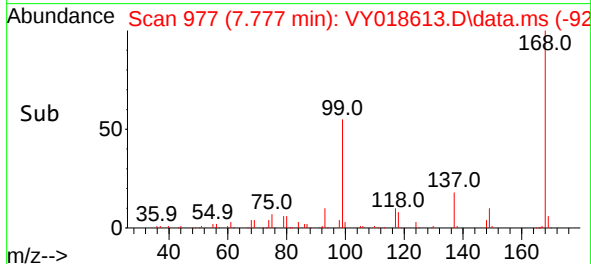
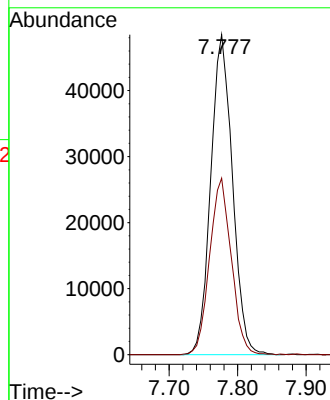
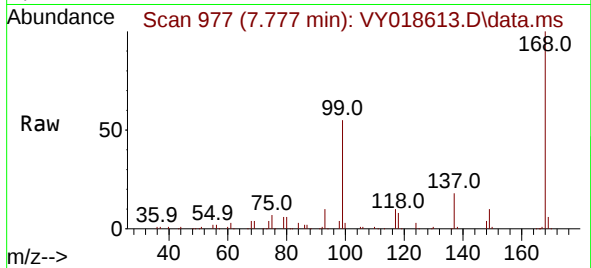




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

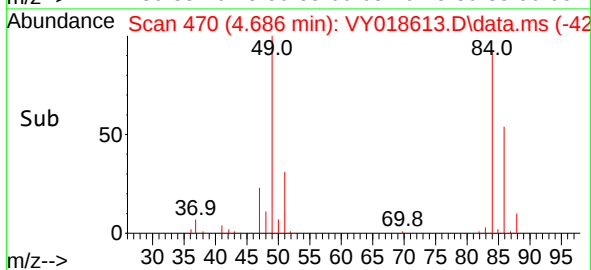
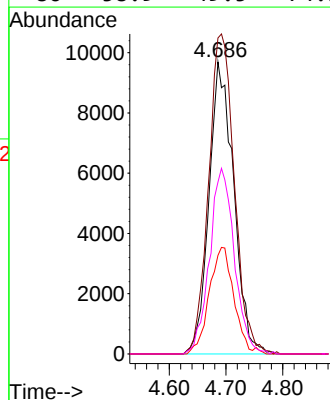
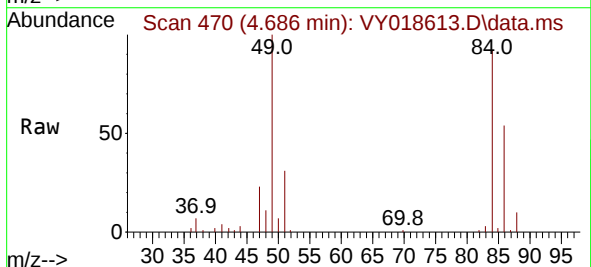
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-06132024

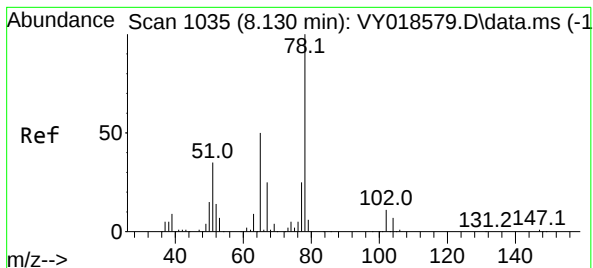
Tgt Ion:168 Resp: 106518
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#20
Methylene Chloride
Concen: 15.627 ug/l
RT: 4.686 min Scan# 470
Delta R.T. -0.012 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion: 84 Resp: 29295
Ion Ratio Lower Upper
84 100
49 108.2 84.4 126.6
51 33.8 26.0 39.0
86 58.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 54.903 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018613.D

Acq: 17 Jun 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

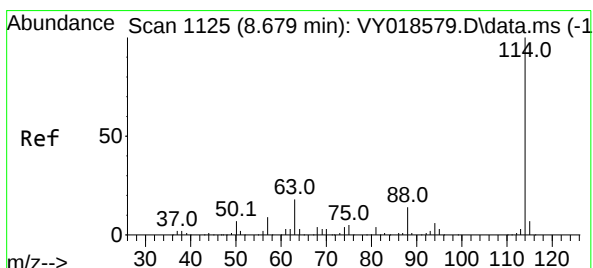
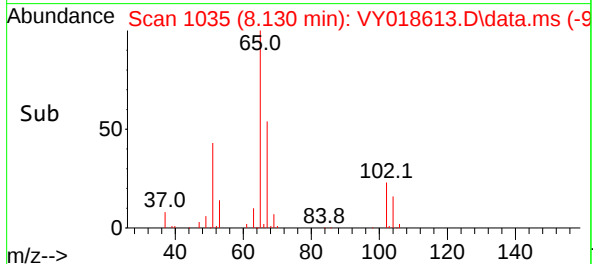
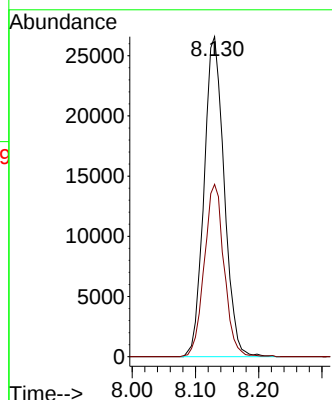
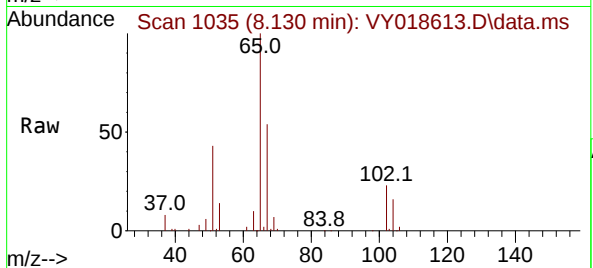
HD-01-06132024

Tgt Ion: 65 Resp: 58879

Ion Ratio Lower Upper

65 100

67 53.1 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: VY018613.D

Acq: 17 Jun 2024 16:42

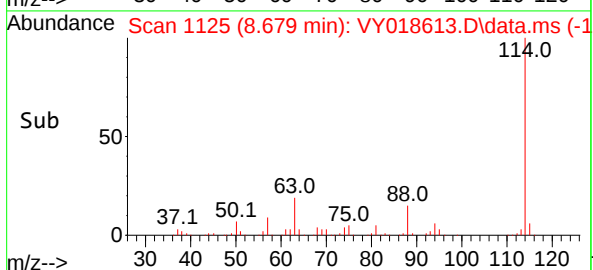
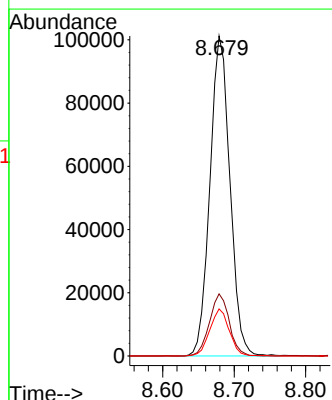
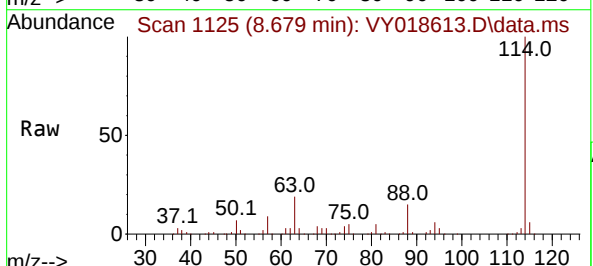
Tgt Ion: 114 Resp: 196786

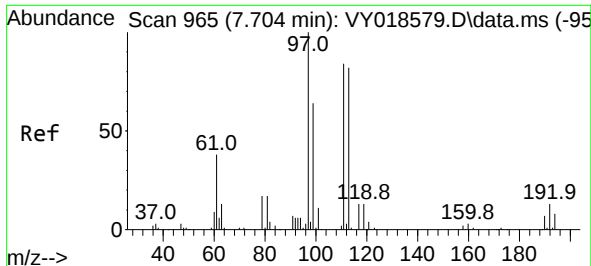
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.7 0.0 27.2

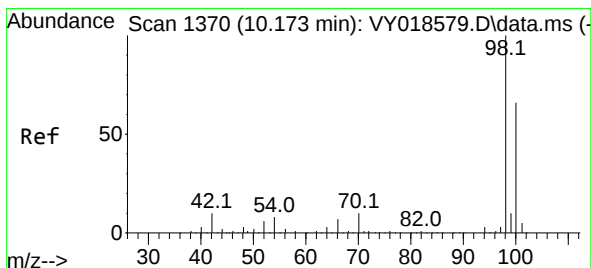
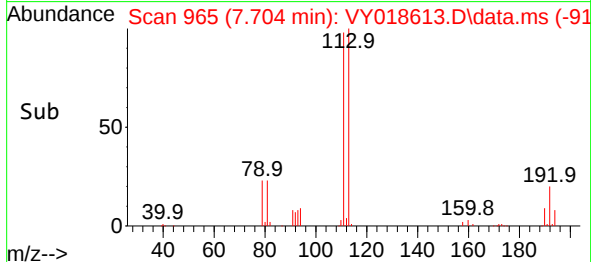
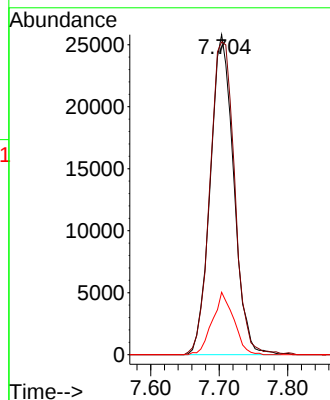
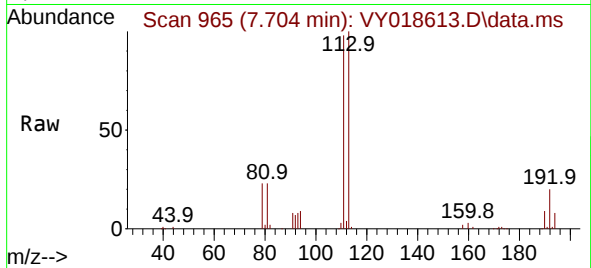




#35
Dibromofluoromethane
Concen: 50.923 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

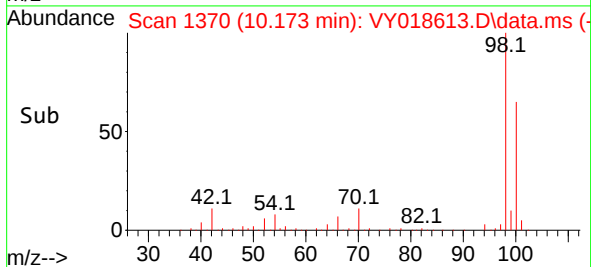
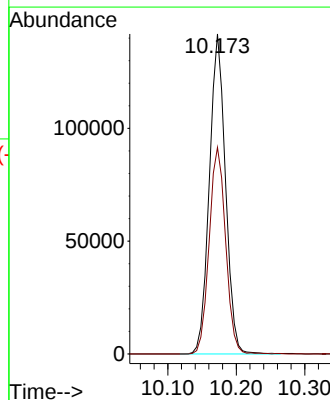
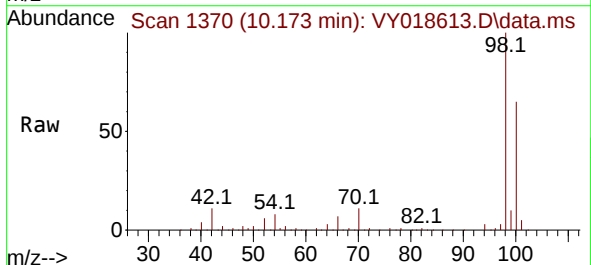
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-06132024

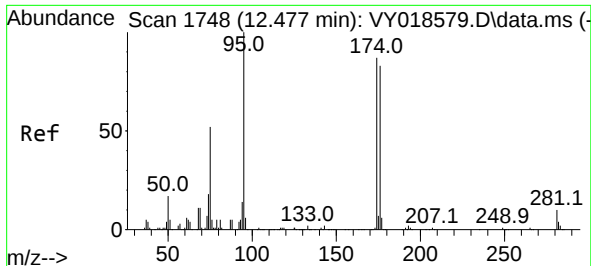
Tgt Ion:113 Resp: 61129
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.9 15.9 23.9



#50
Toluene-d8
Concen: 50.311 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion: 98 Resp: 232258
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.718 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018613.D

Acq: 17 Jun 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-06132024

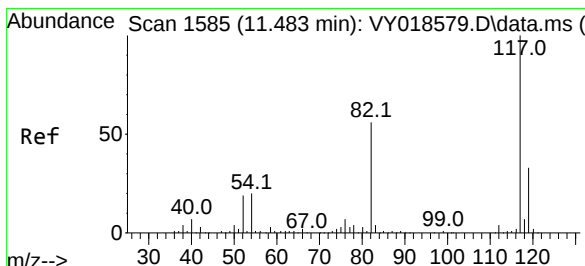
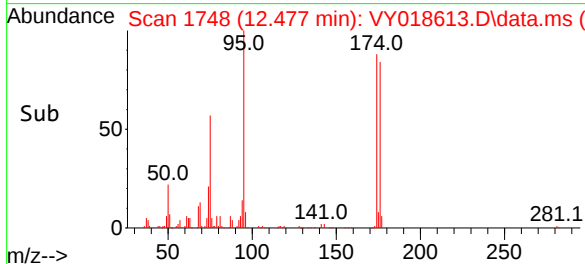
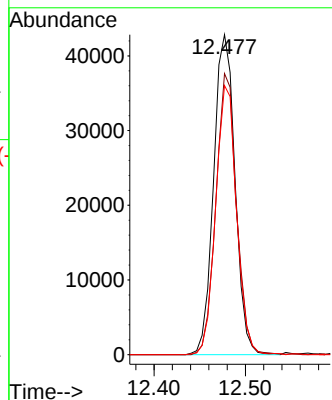
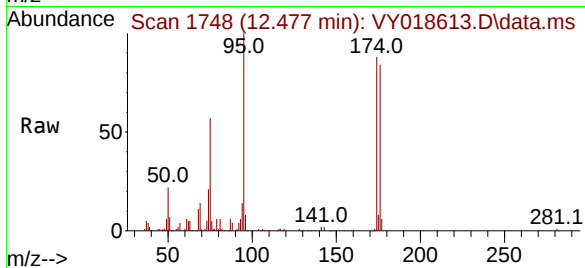
Tgt Ion: 95 Resp: 69560

Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 82.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.000 min

Lab File: VY018613.D

Acq: 17 Jun 2024 16:42

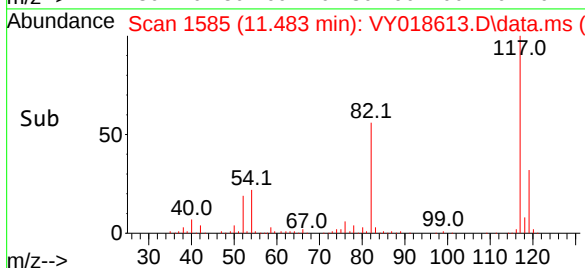
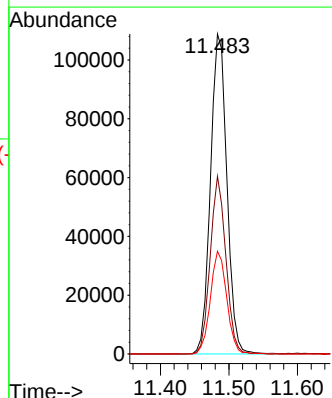
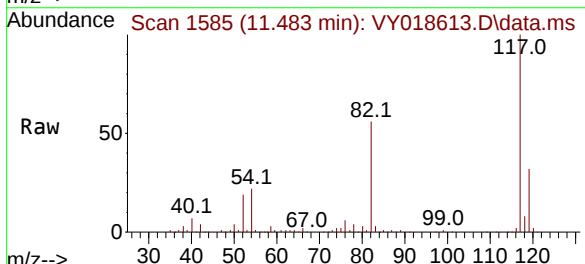
Tgt Ion: 117 Resp: 181002

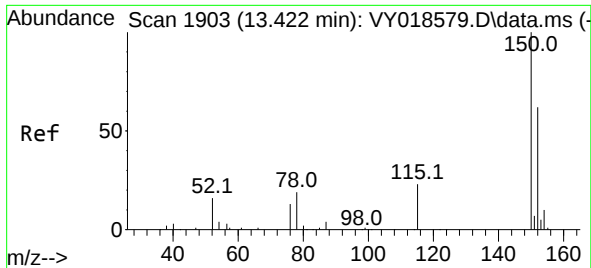
Ion Ratio Lower Upper

117 100

82 55.6 42.4 63.6

119 32.1 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: VY018613.D
 Acq: 17 Jun 2024 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-06132024

Tgt Ion:152 Resp: 69074
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.2 84.7
 150 156.8 0.0 345.6

