

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018602.D
 Acq On : 14 Jun 2024 18:13
 Operator : SY/MD
 Sample : P2878-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 348

Quant Time: Jun 14 23:25:34 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)

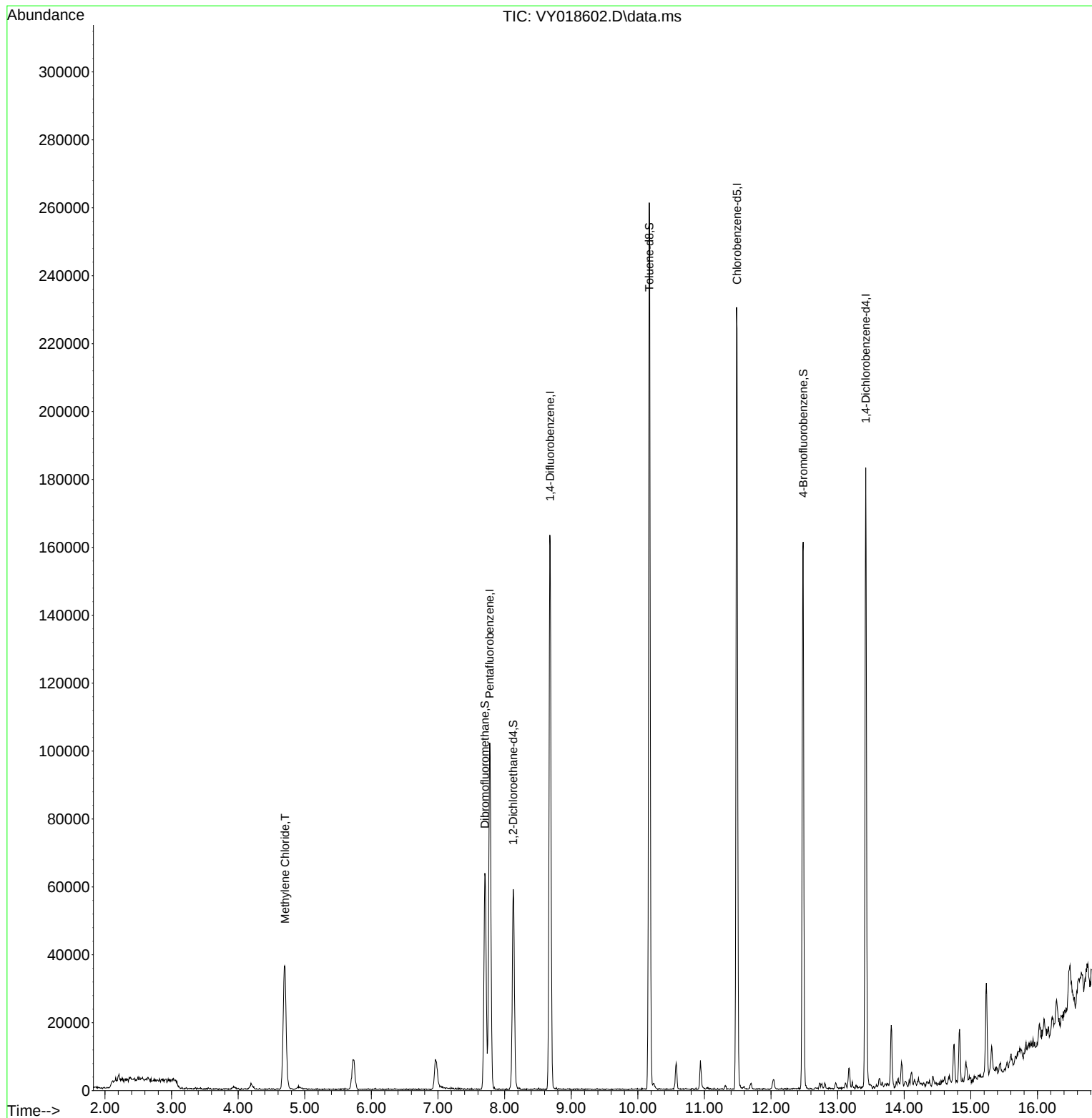
Internal Standards						
1) Pentafluorobenzene	7.776	168	77516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	124862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44343	56.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.640%
35) Dibromofluoromethane	7.703	113	44959	51.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.172	98	167022	49.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.483	95	46069	43.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.080%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	28512	24.583	ug/l	90

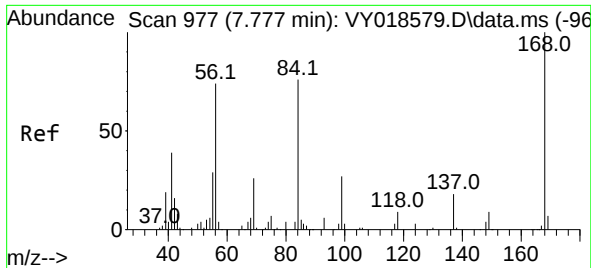
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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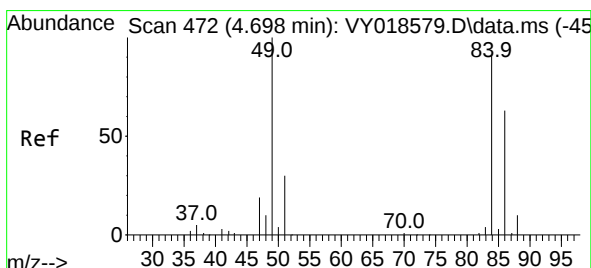
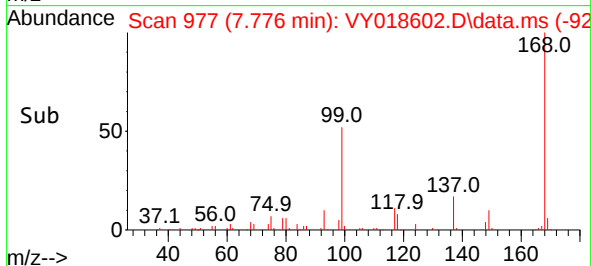
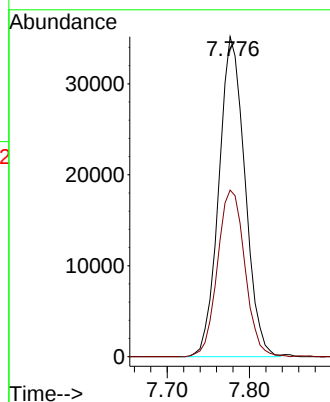
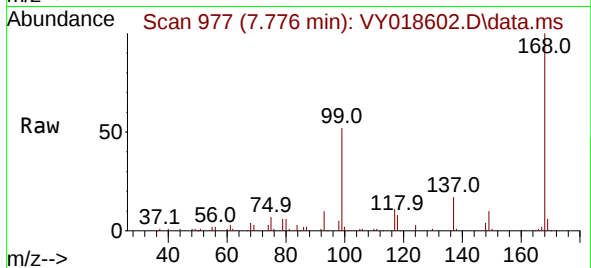




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

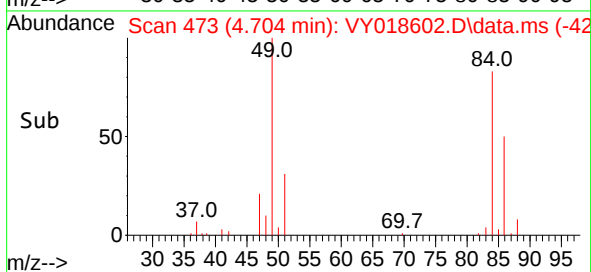
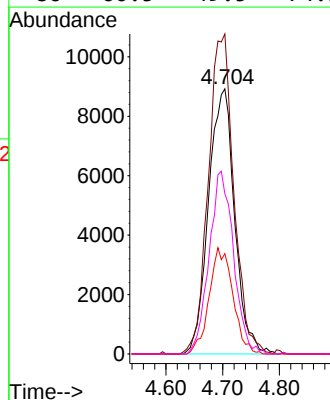
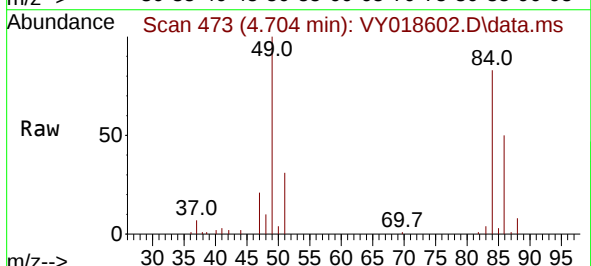
Instrument :
MSVOA_Y
ClientSampleId :
348

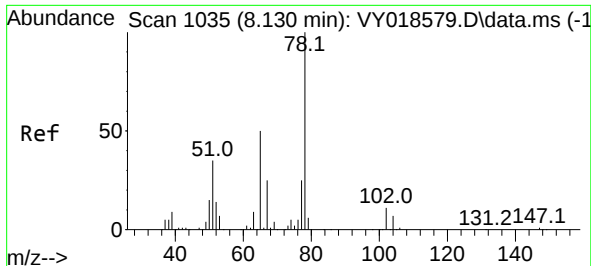
Tgt Ion:168 Resp: 77516
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#20
Methylene Chloride
Concen: 24.583 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Tgt Ion: 84 Resp: 28512
Ion Ratio Lower Upper
84 100
49 120.7 84.4 126.6
51 37.8 26.0 39.0
86 60.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.819 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018602.D

Acq: 14 Jun 2024 18:13

Instrument :

MSVOA_Y

ClientSampleId :

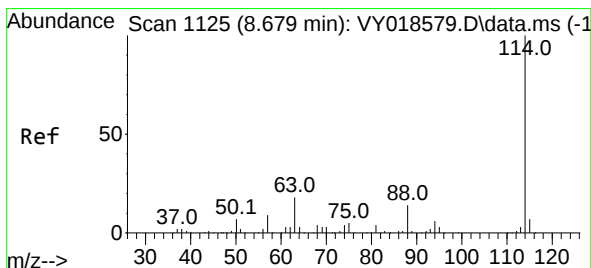
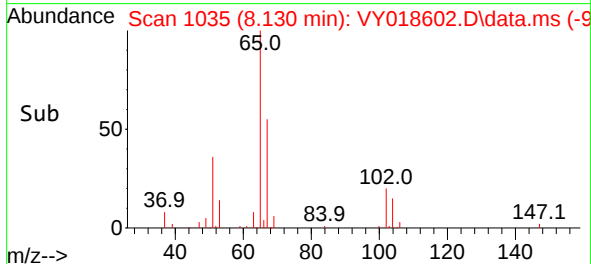
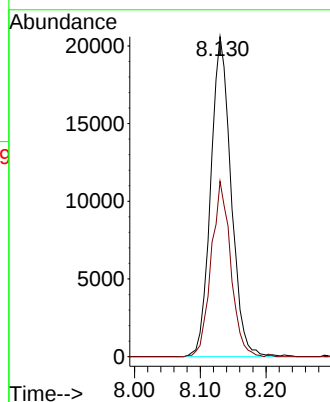
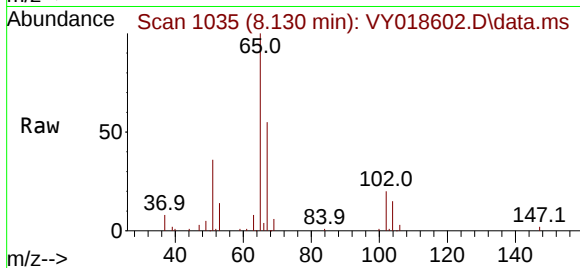
348

Tgt Ion: 65 Resp: 44343

Ion Ratio Lower Upper

65 100

67 52.5 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: VY018602.D

Acq: 14 Jun 2024 18:13

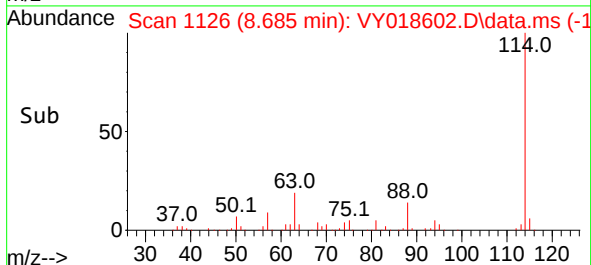
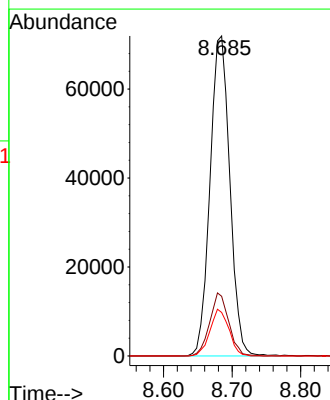
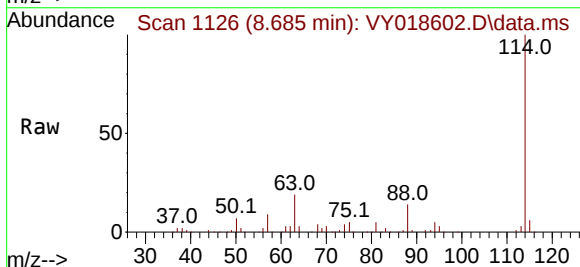
Tgt Ion:114 Resp: 144498

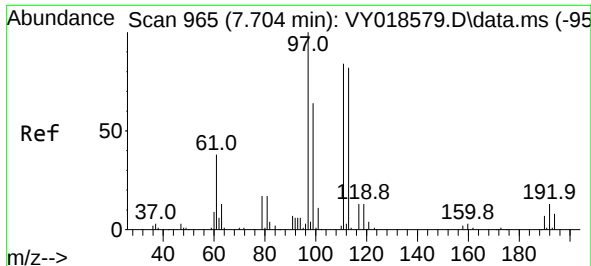
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 13.6 0.0 27.2

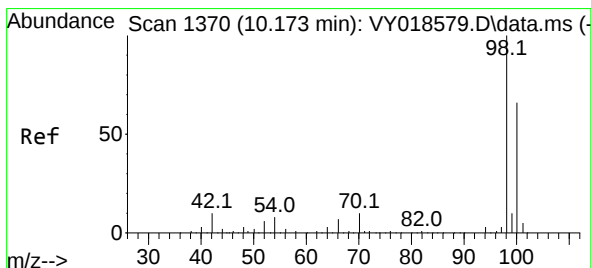
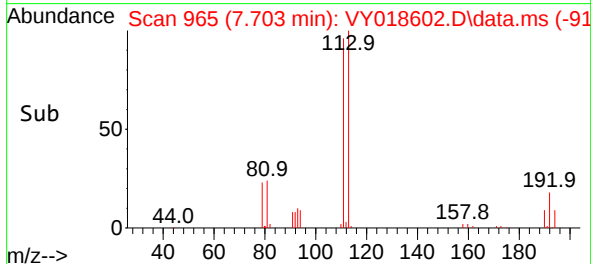
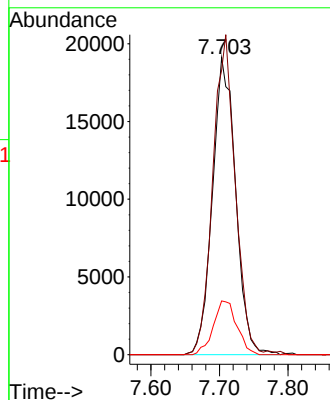
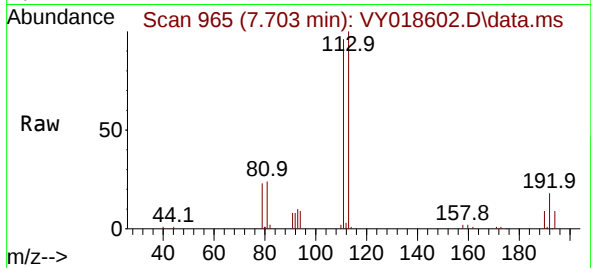




#35
Dibromofluoromethane
Concen: 51.005 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

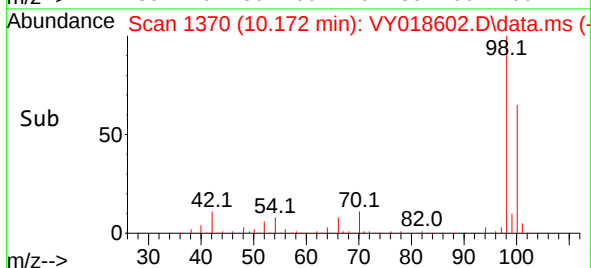
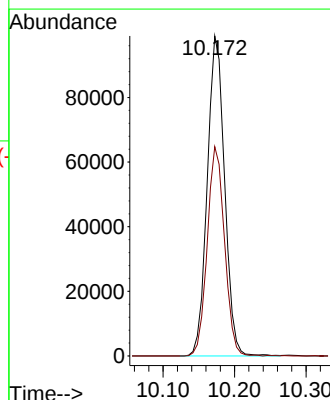
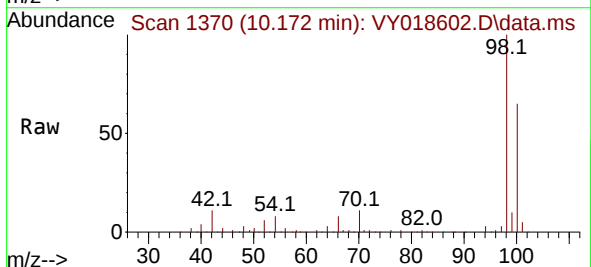
Instrument :
MSVOA_Y
ClientSampleId :
348

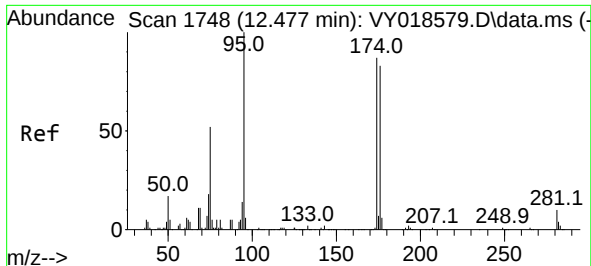
Tgt Ion:113 Resp: 44959
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 18.4 15.9 23.9



#50
Toluene-d8
Concen: 49.272 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018602.D
Acq: 14 Jun 2024 18:13

Tgt Ion: 98 Resp: 167022
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 43.039 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018602.D

Acq: 14 Jun 2024 18:13

Instrument :

MSVOA_Y

ClientSampleId :

348

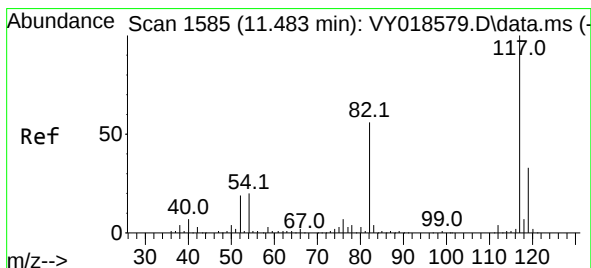
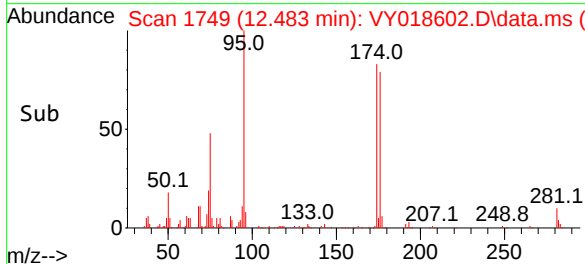
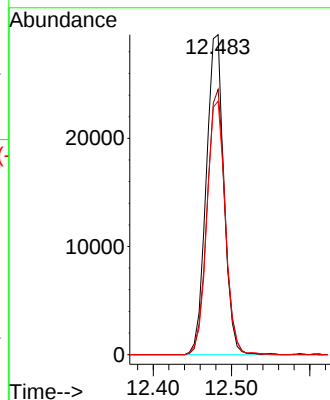
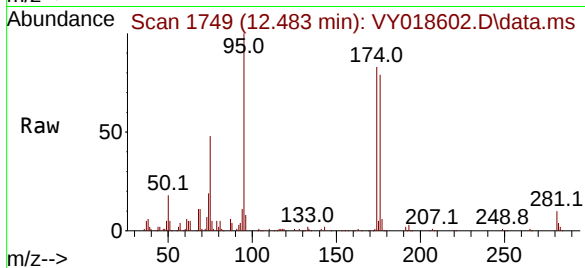
Tgt Ion: 95 Resp: 46069

Ion Ratio Lower Upper

95 100

174 84.9 0.0 175.6

176 82.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VY018602.D

Acq: 14 Jun 2024 18:13

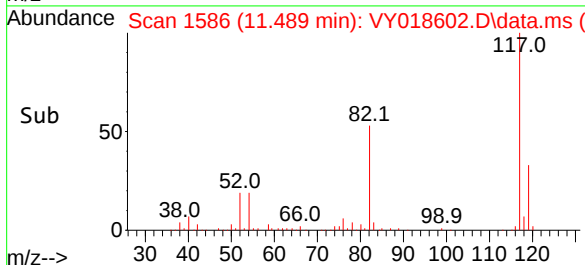
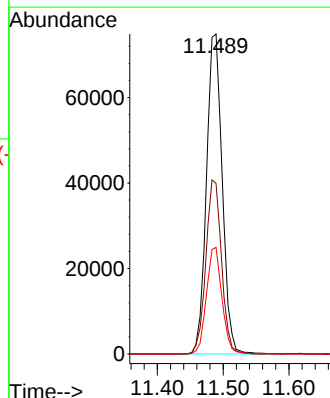
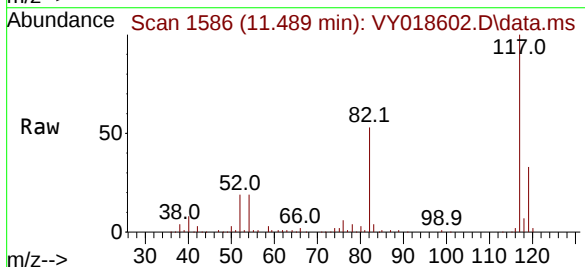
Tgt Ion: 117 Resp: 124862

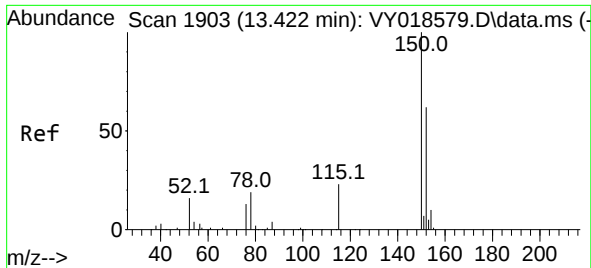
Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

119 33.3 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: VY018602.D

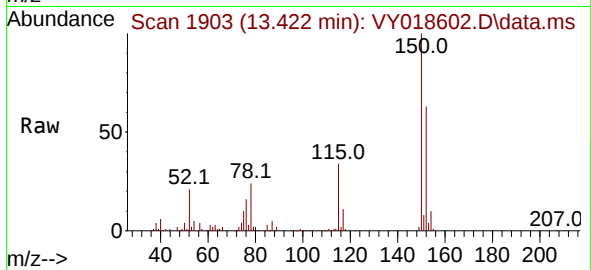
Acq: 14 Jun 2024 18:13

Instrument :

MSVOA_Y

ClientSampleId :

348



Tgt Ion:152 Resp: 45964

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 158.1 0.0 345.6

