

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018694.D
 Acq On : 25 Jun 2024 17:35
 Operator : SY/MD
 Sample : P3045-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7AB

Quant Time: Jun 26 02:39:50 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)

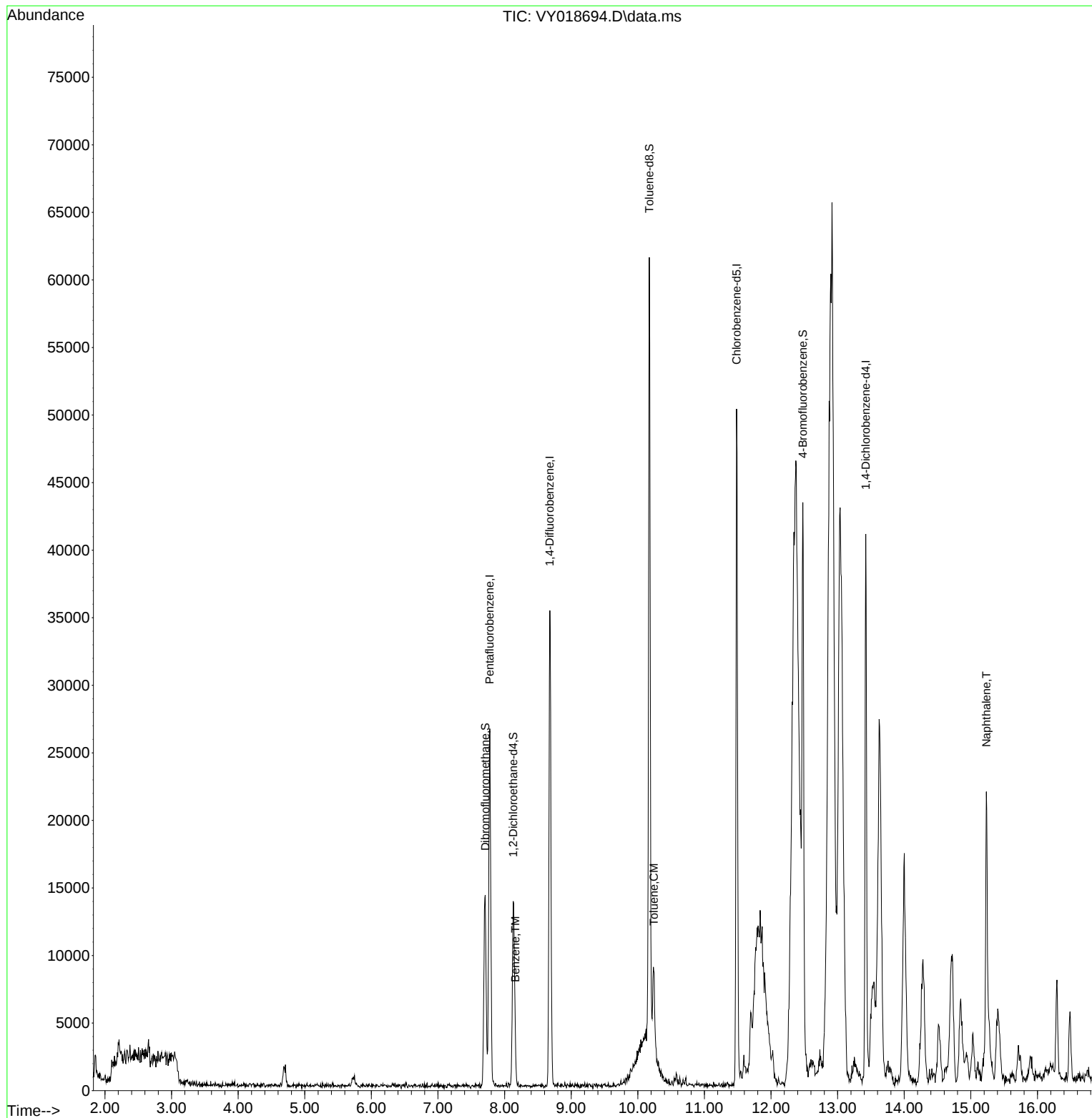
Internal Standards						
1) Pentafluorobenzene	7.777	168	20075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	32866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	28221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	9575	47.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.740%
35) Dibromofluoromethane	7.710	113	10077	50.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.173	98	39241	50.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.477	95	10617	43.608	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.220%
Target Compounds						
					Qvalue	
40) Benzene	8.161	78	2924	3.426	ug/l #	90
52) Toluene	10.240	92	2680	4.891	ug/l	90
95) Naphthalene	15.233	128	16518	48.493	ug/l	97

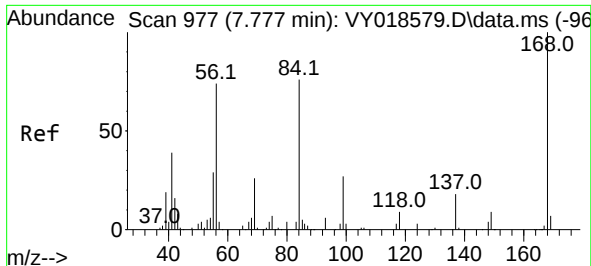
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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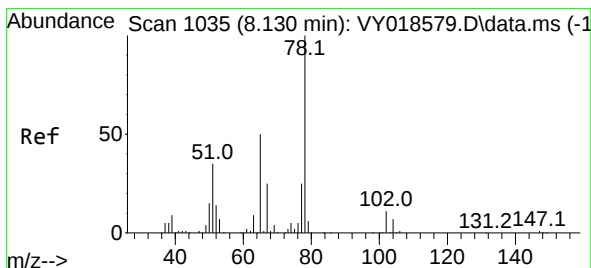
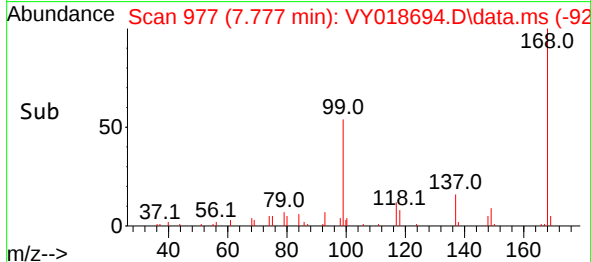
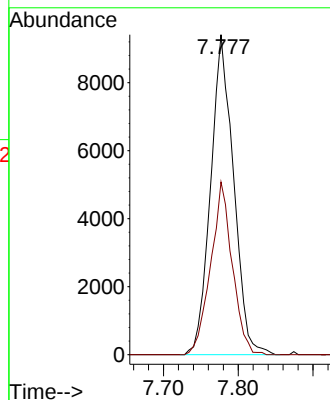
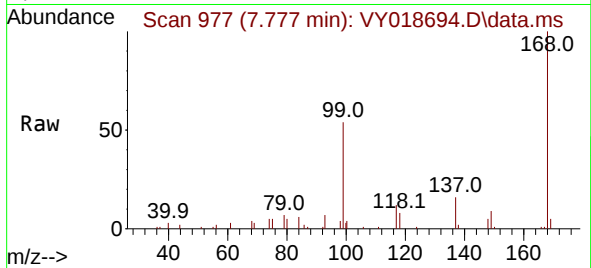




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018694.D
Acq: 25 Jun 2024 17:35

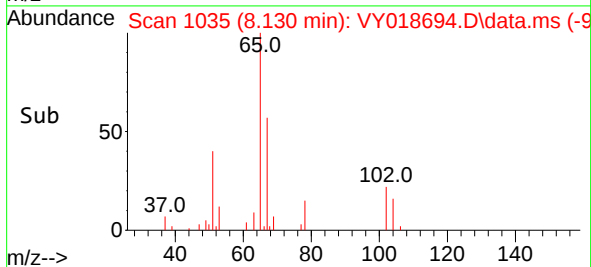
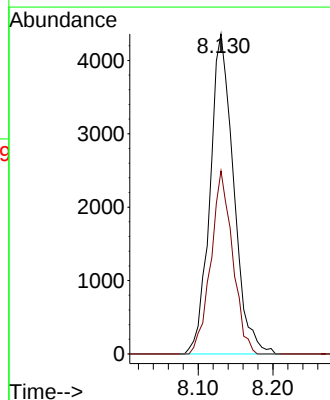
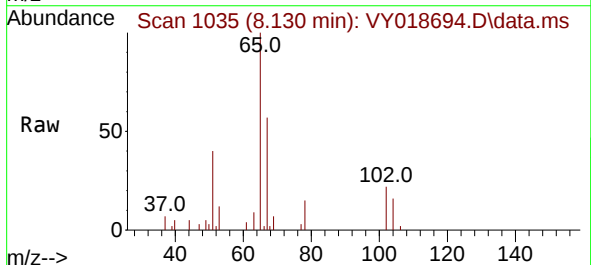
Instrument :
MSVOA_Y
ClientSampleId :
7AB

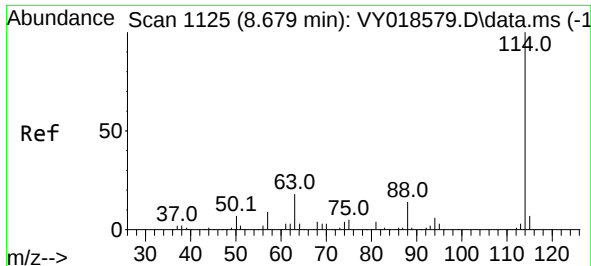
Tgt Ion:168 Resp: 20075
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.374 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018694.D
Acq: 25 Jun 2024 17:35

Tgt Ion: 65 Resp: 9575
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

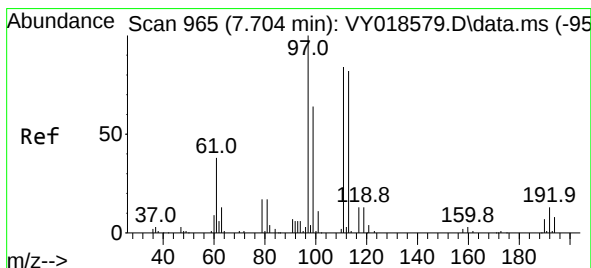
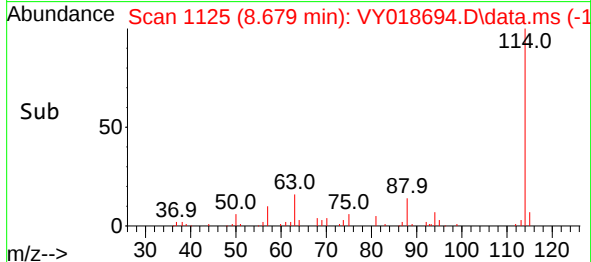
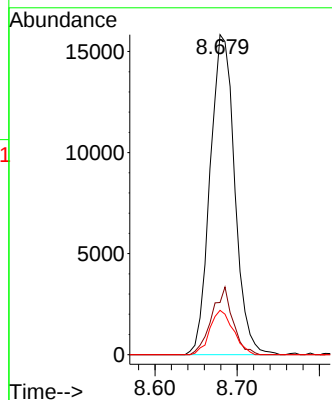
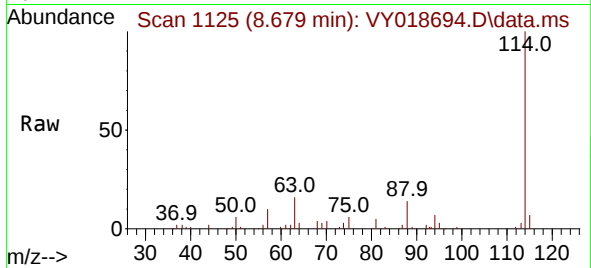




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018694.D
Acq: 25 Jun 2024 17:35

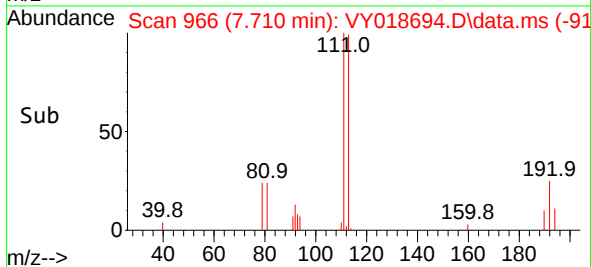
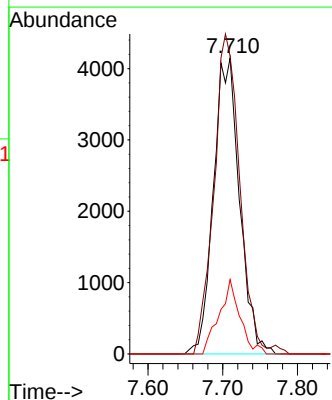
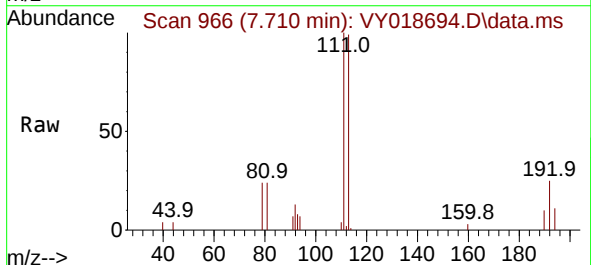
Instrument :
MSVOA_Y
ClientSampleId :
7AB

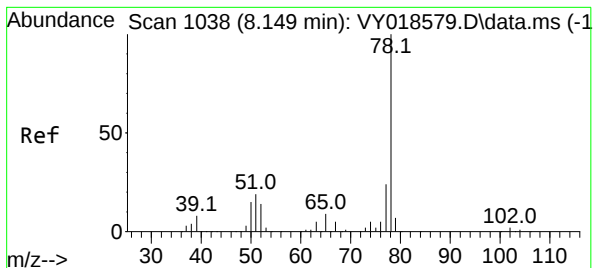
Tgt Ion:114	Resp:	32866
Ion Ratio	Lower	Upper
114	100	
63	16.3	0.0 35.0
88	13.9	0.0 27.2



#35
Dibromofluoromethane
Concen: 50.262 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018694.D
Acq: 25 Jun 2024 17:35

Tgt Ion:113	Resp:	10077
Ion Ratio	Lower	Upper
113	100	
111	106.5	82.2 123.4
192	20.1	15.9 23.9





#40

Benzene

Concen: 3.426 ug/l

RT: 8.161 min Scan# 1038

Delta R.T. 0.012 min

Lab File: VY018694.D

Acq: 25 Jun 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

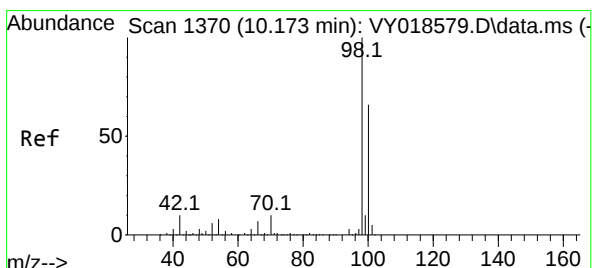
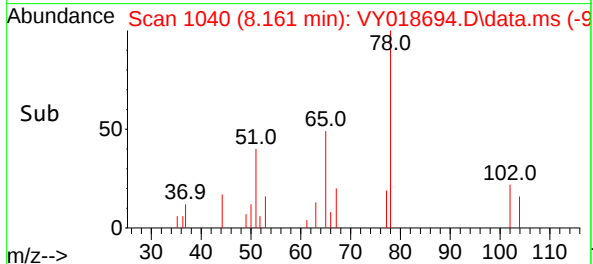
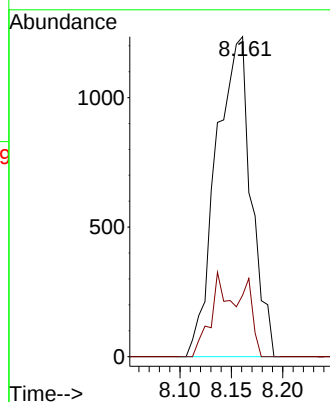
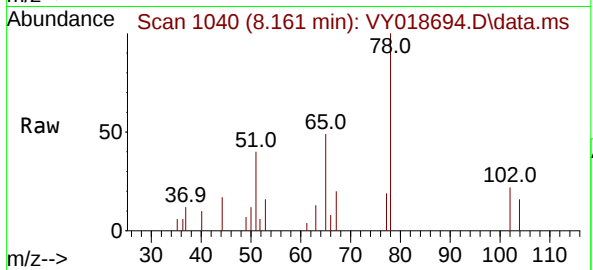
7AB

Tgt Ion: 78 Resp: 2924

Ion Ratio Lower Upper

78 100

77 19.2 19.5 29.3#



#50

Toluene-d8

Concen: 50.896 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018694.D

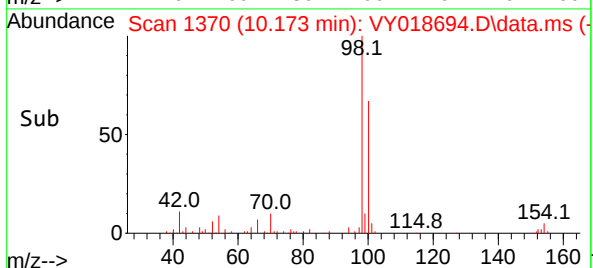
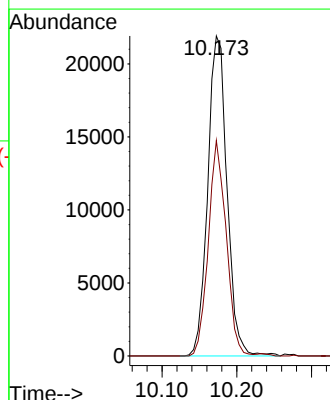
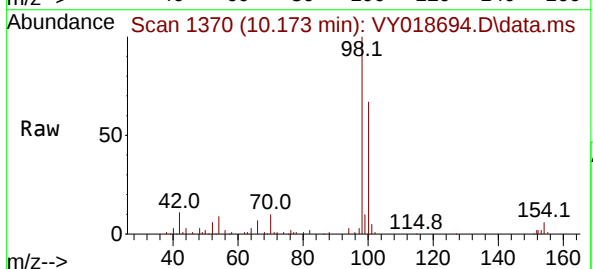
Acq: 25 Jun 2024 17:35

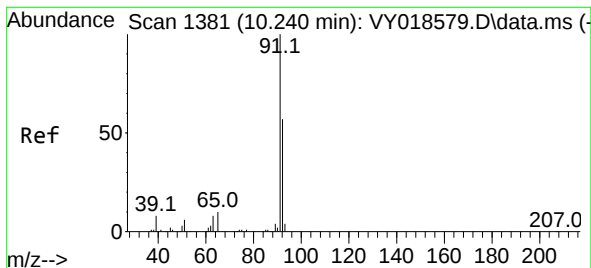
Tgt Ion: 98 Resp: 39241

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0





#52

Toluene

Concen: 4.891 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018694.D

Acq: 25 Jun 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

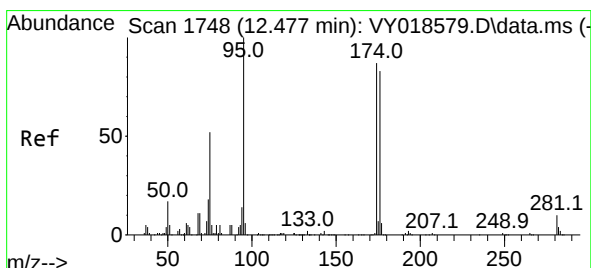
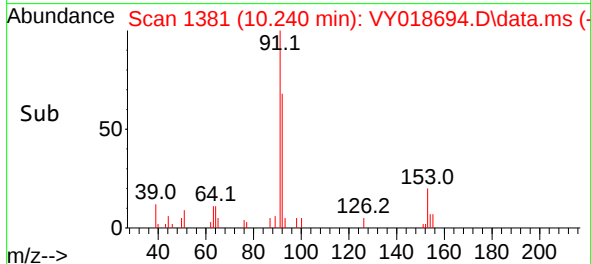
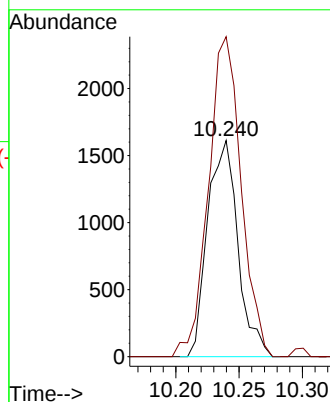
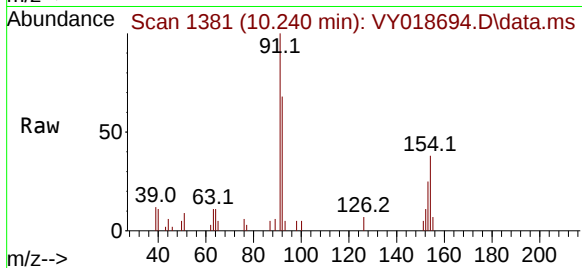
7AB

Tgt Ion: 92 Resp: 2680

Ion Ratio Lower Upper

92 100

91 160.3 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 43.608 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018694.D

Acq: 25 Jun 2024 17:35

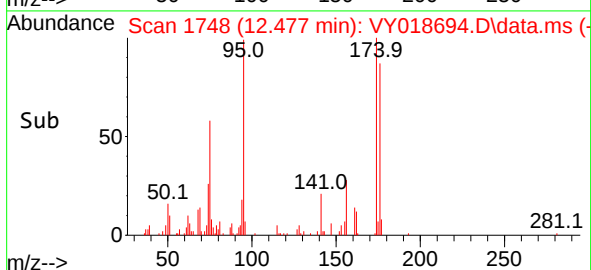
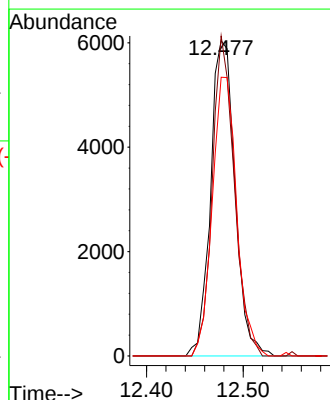
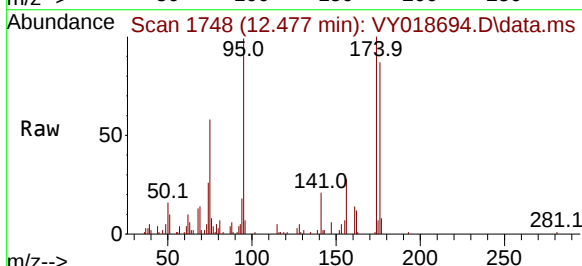
Tgt Ion: 95 Resp: 10617

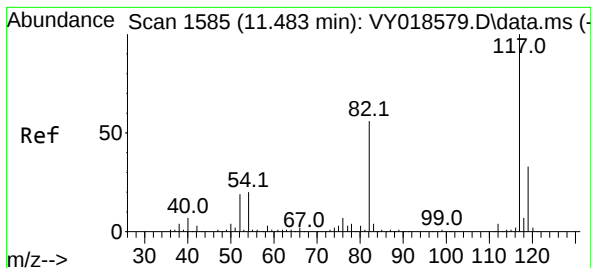
Ion Ratio Lower Upper

95 100

174 91.0 0.0 175.6

176 88.2 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: VY018694.D

Acq: 25 Jun 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

7AB

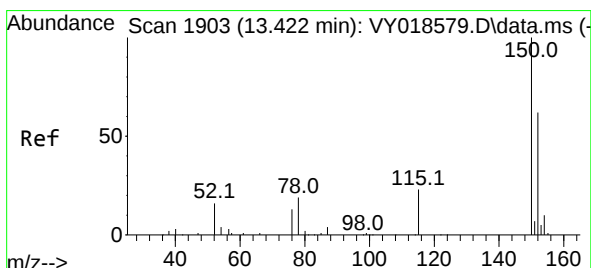
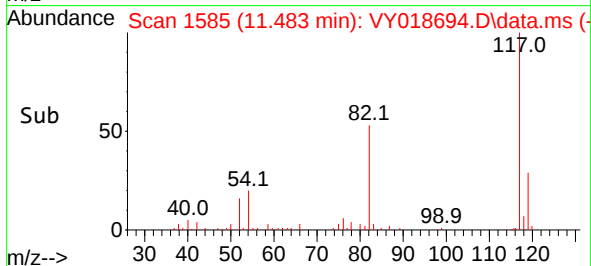
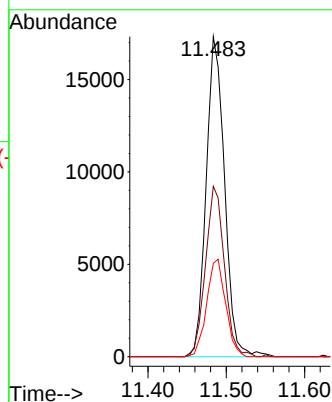
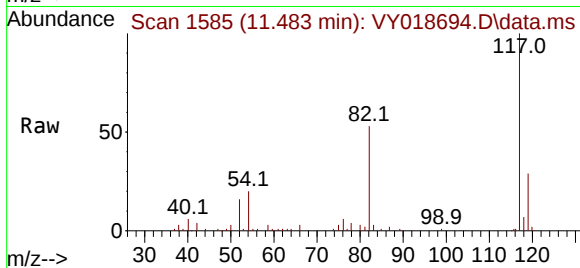
Tgt Ion:117 Resp: 28221

Ion Ratio Lower Upper

117 100

82 53.2 42.4 63.6

119 29.2 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: VY018694.D

Acq: 25 Jun 2024 17:35

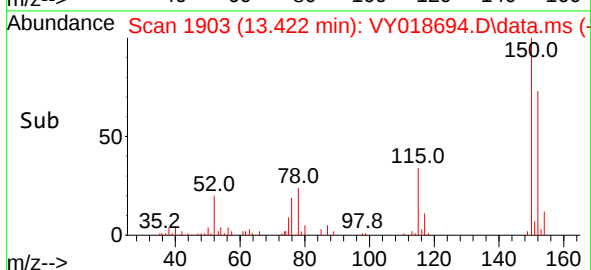
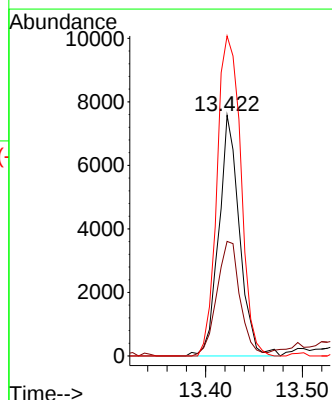
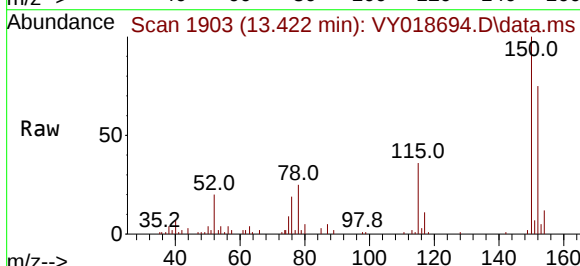
Tgt Ion:152 Resp: 11244

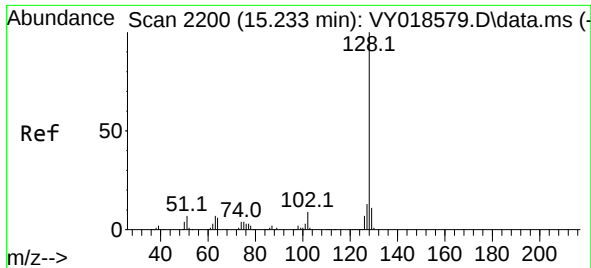
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 152.8 0.0 345.6





#95

Naphthalene

Concen: 48.493 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018694.D

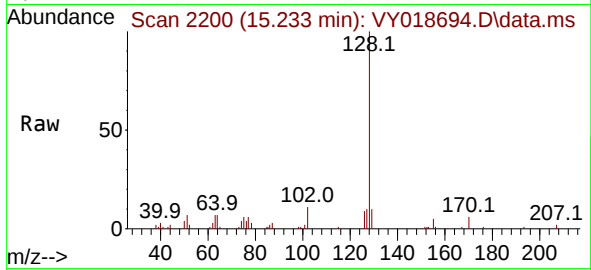
Acq: 25 Jun 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

7AB



Tgt Ion:128 Resp: 16518

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 12.2 8.6 13.0

