

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018706.D
 Acq On : 26 Jun 2024 14:41
 Operator : SY/MD
 Sample : P3076-04
 Misc : 7.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-W-1

Quant Time: Jun 27 07:51:10 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)

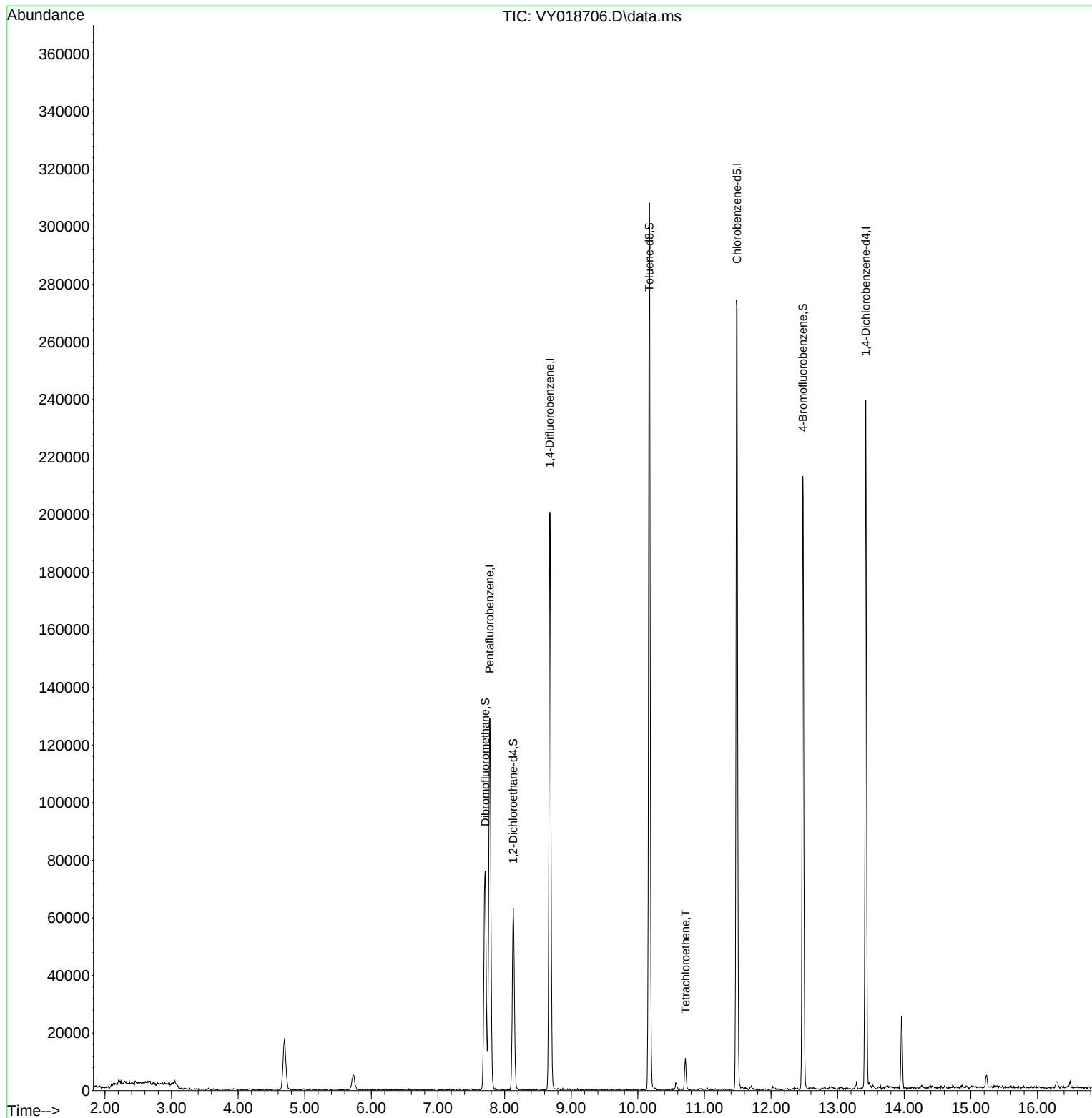
Internal Standards						
1) Pentafluorobenzene	7.777	168	101587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	181260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46970	45.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.840%
35) Dibromofluoromethane	7.710	113	54391	49.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.173	98	205738	48.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.477	95	60049	44.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.440%
Target Compounds						
64) Tetrachloroethene	10.715	164	2394	2.098	ug/l	Qvalue 93

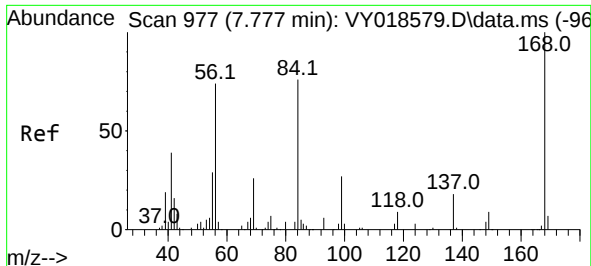
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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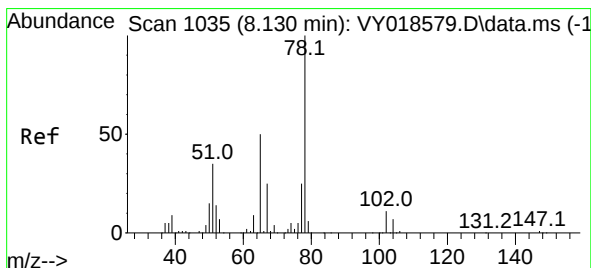
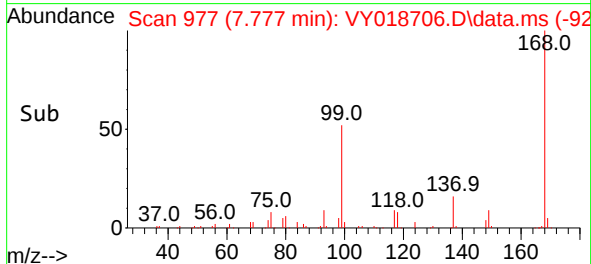
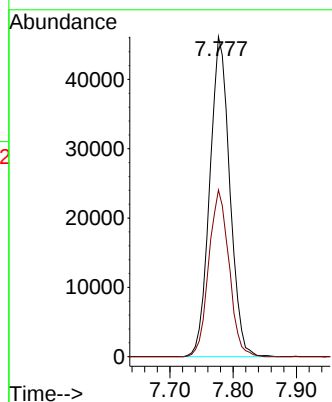
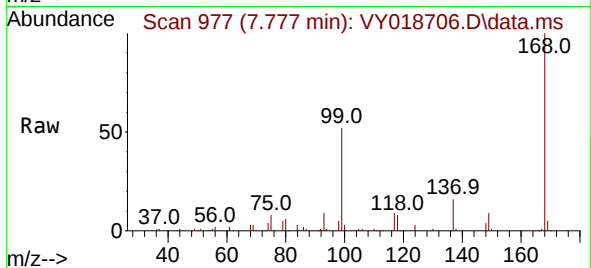




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

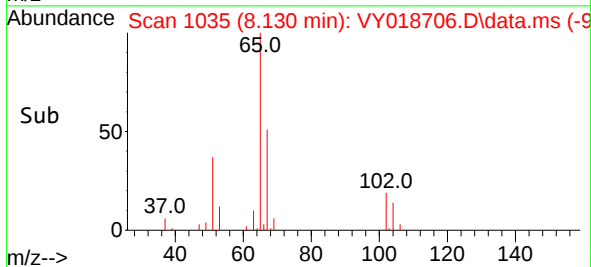
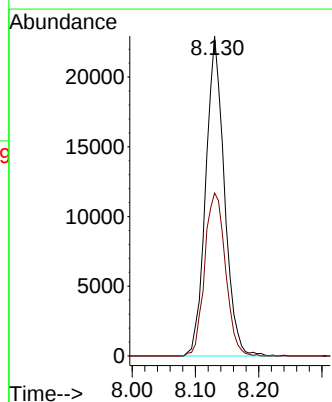
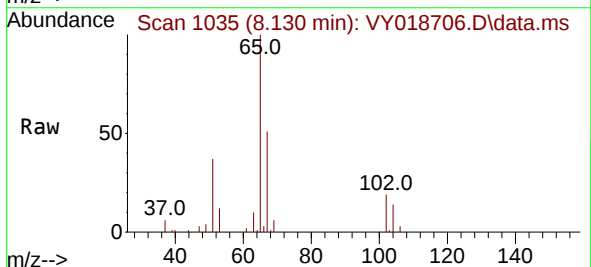
Instrument :
MSVOA_Y
ClientSampleId :
7-W-1

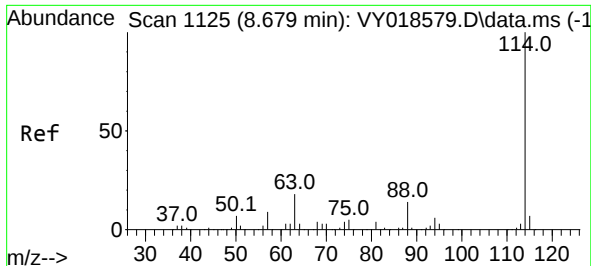
Tgt Ion:168 Resp: 101587
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.924 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Tgt Ion: 65 Resp: 46970
Ion Ratio Lower Upper
65 100
67 56.7 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: VY018706.D

Acq: 26 Jun 2024 14:41

Instrument :

MSVOA_Y

ClientSampleId :

7-W-1

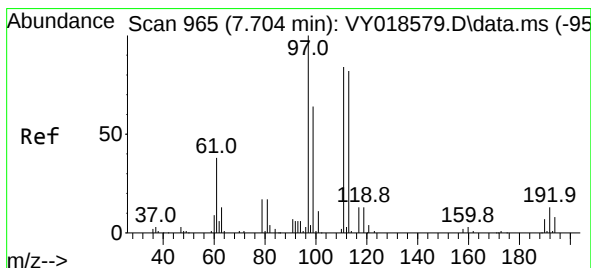
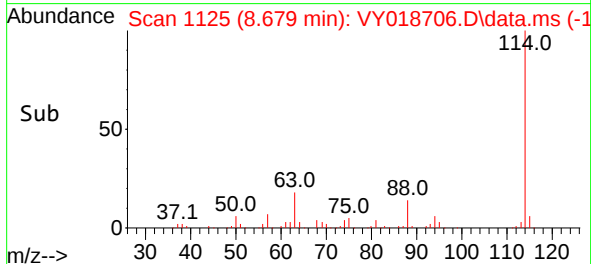
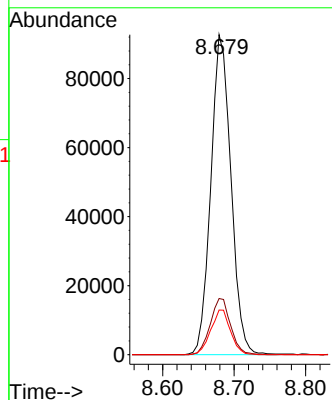
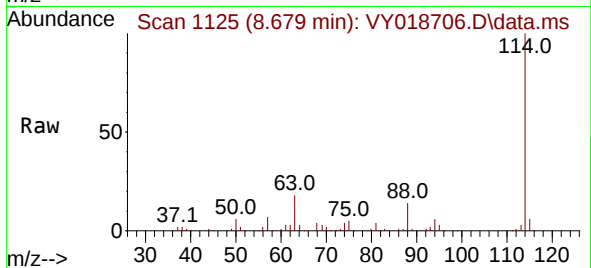
Tgt Ion:114 Resp: 181260

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.191 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018706.D

Acq: 26 Jun 2024 14:41

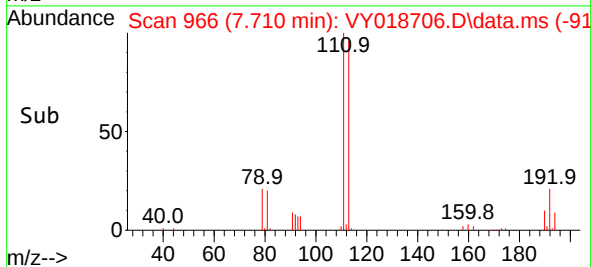
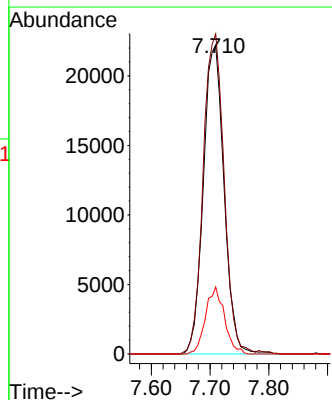
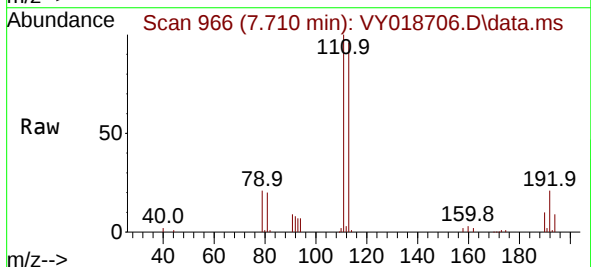
Tgt Ion:113 Resp: 54391

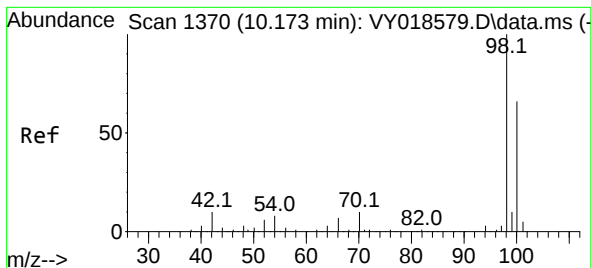
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 48.384 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018706.D

Acq: 26 Jun 2024 14:41

Instrument :

MSVOA_Y

ClientSampleId :

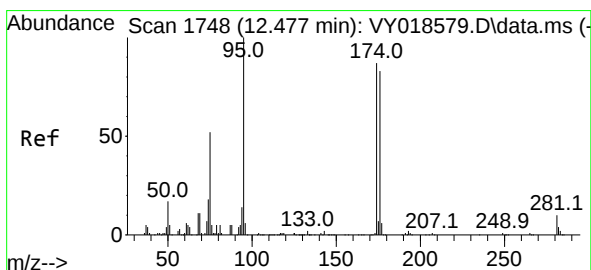
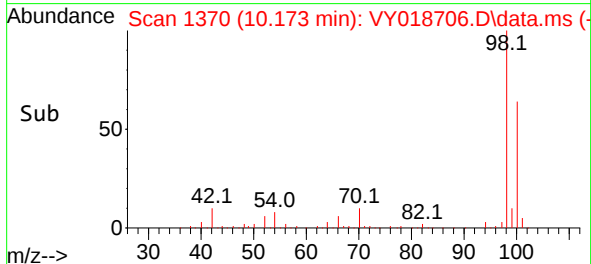
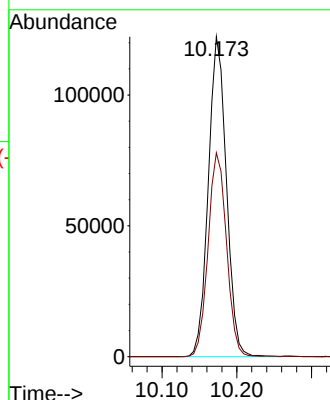
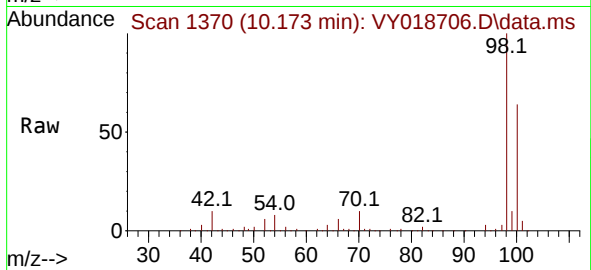
7-W-1

Tgt Ion: 98 Resp: 205738

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.722 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018706.D

Acq: 26 Jun 2024 14:41

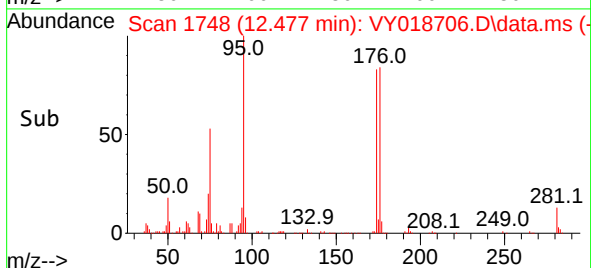
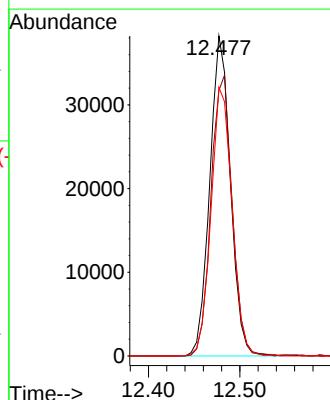
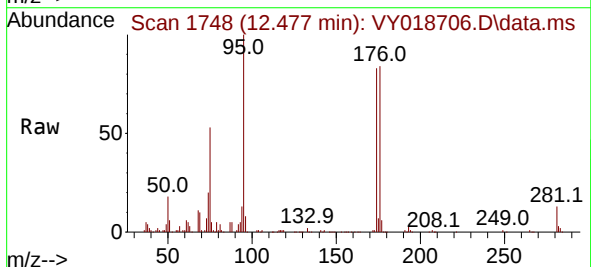
Tgt Ion: 95 Resp: 60049

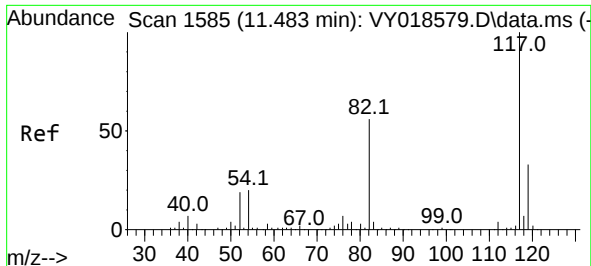
Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.6

176 85.8 0.0 171.4

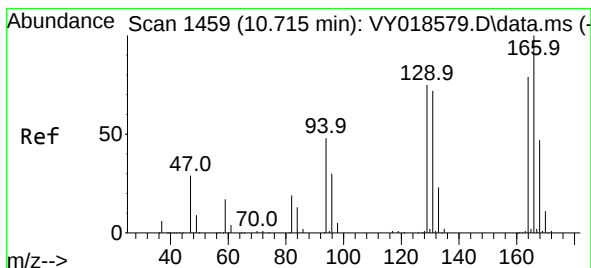
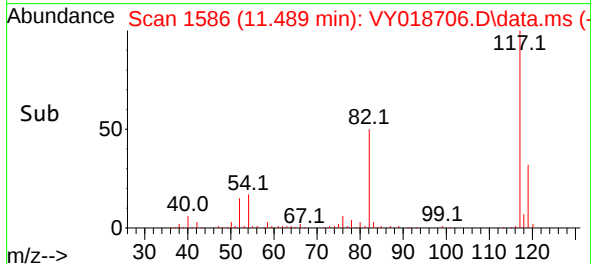
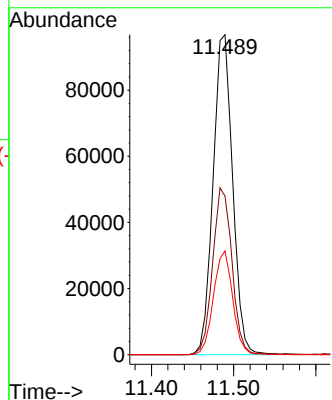
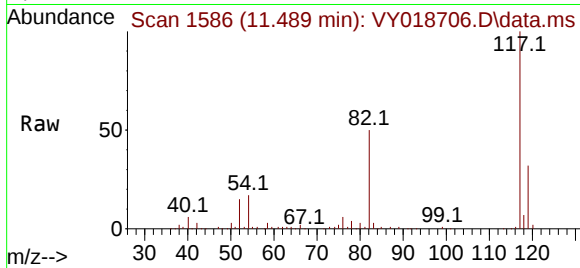




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

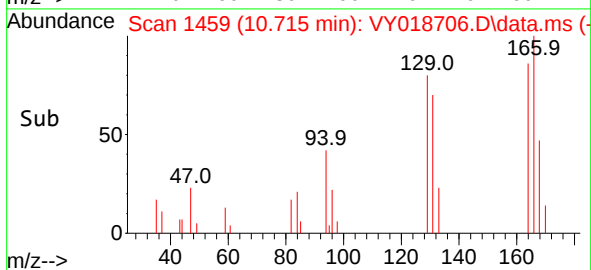
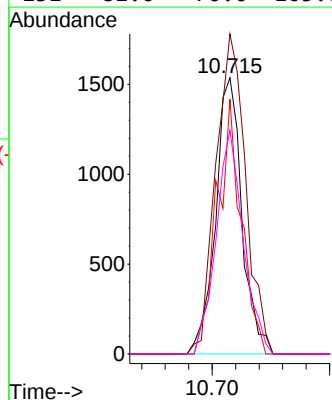
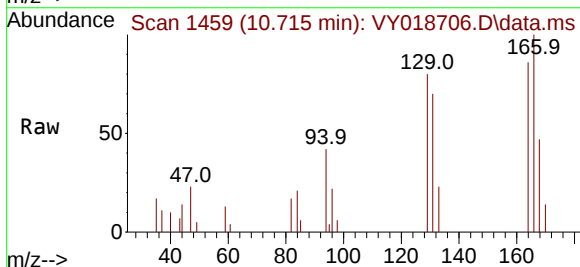
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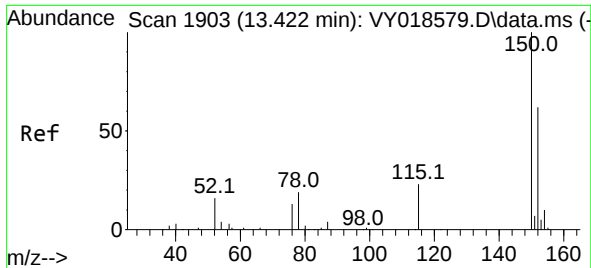
Tgt Ion:117 Resp: 159999
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 2.098 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

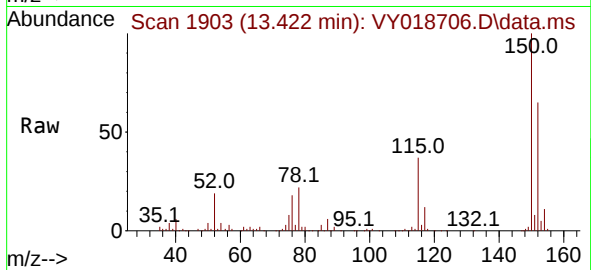
Tgt Ion:164 Resp: 2394
Ion Ratio Lower Upper
164 100
166 115.9 102.6 154.0
129 92.3 72.0 108.0
131 81.0 70.0 105.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018706.D
 Acq: 26 Jun 2024 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-W-1



Tgt Ion:152 Resp: 60373
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 156.8 0.0 345.6

