

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018708.D
 Acq On : 26 Jun 2024 15:31
 Operator : SY/MD
 Sample : P3076-10
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-S-1

Quant Time: Jun 27 07:51:28 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)

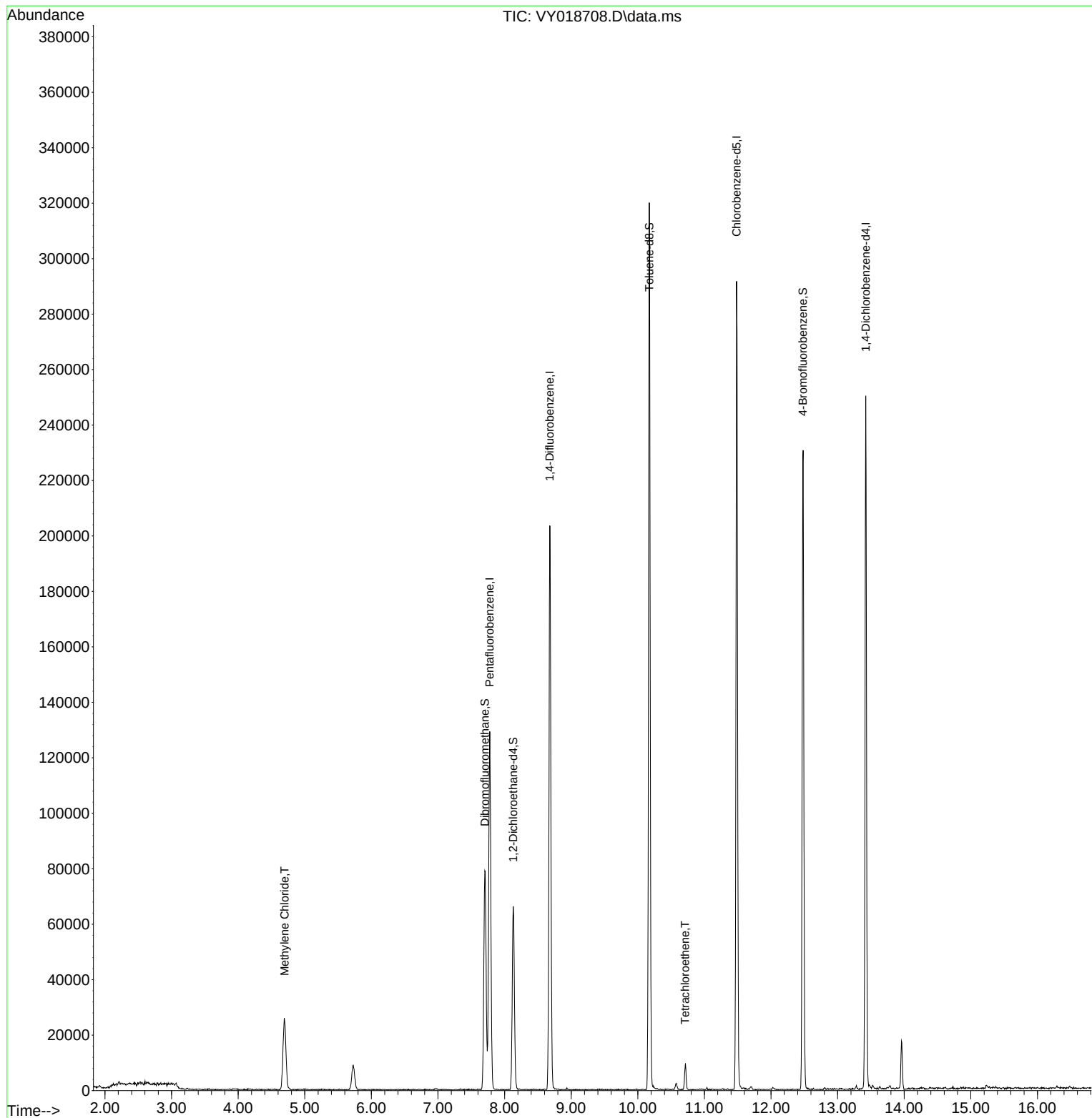
Internal Standards						
1) Pentafluorobenzene	7.777	168	99947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	184384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	165630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51793	51.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.940%
35) Dibromofluoromethane	7.704	113	56872	50.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.120%
50) Toluene-d8	10.173	98	210843	48.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.477	95	62182	45.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.060%
Target Compounds						
20) Methylene Chloride	4.698	84	20598	8.974	ug/l	94
64) Tetrachloroethene	10.709	164	1849	1.565	ug/l	87

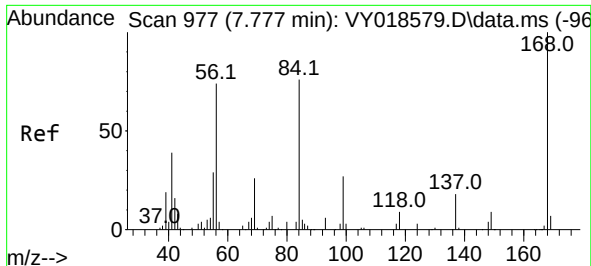
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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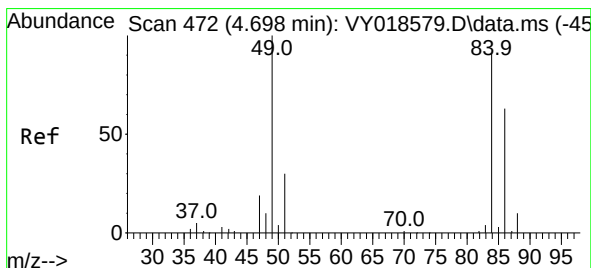
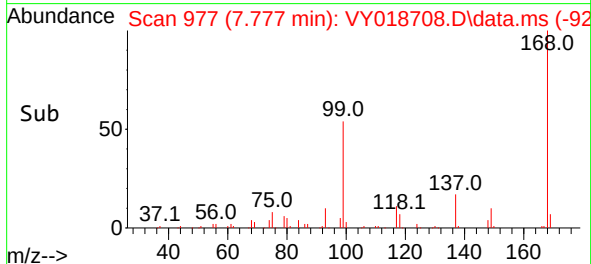
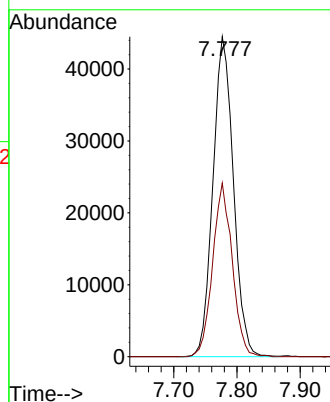
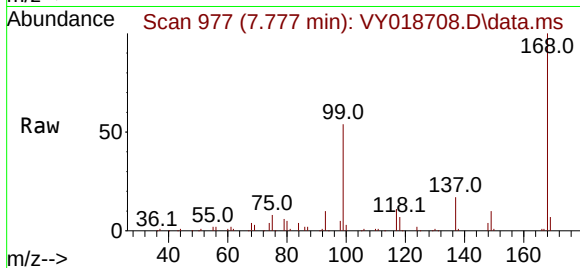




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

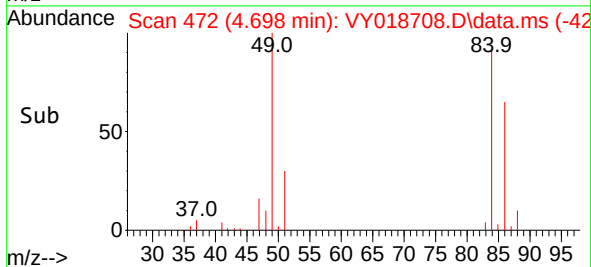
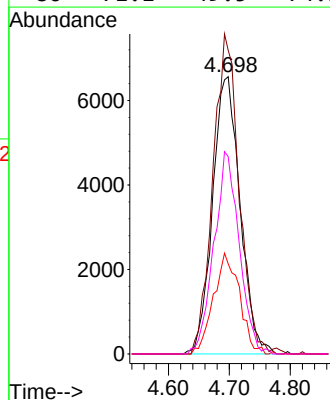
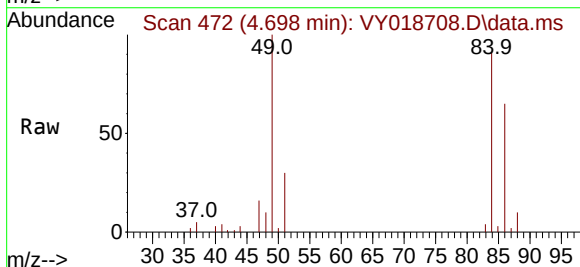
Instrument :
MSVOA_Y
ClientSampleId :
7-S-1

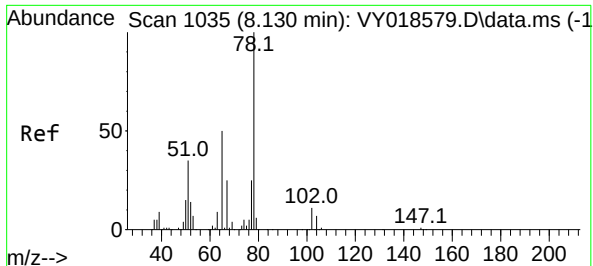
Tgt Ion:168 Resp: 99947
Ion Ratio Lower Upper
168 100
99 54.3 39.1 58.7



#20
Methylene Chloride
Concen: 8.974 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Tgt Ion: 84 Resp: 20598
Ion Ratio Lower Upper
84 100
49 109.5 84.4 126.6
51 32.5 26.0 39.0
86 71.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 51.471 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018708.D

Acq: 26 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

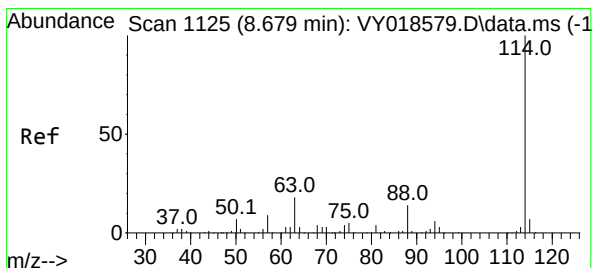
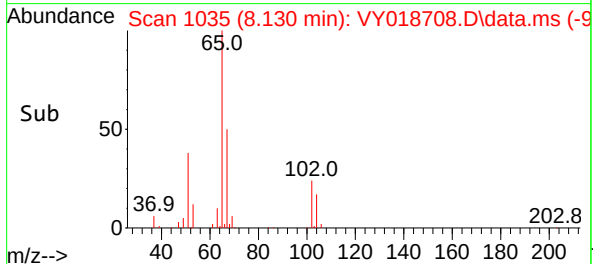
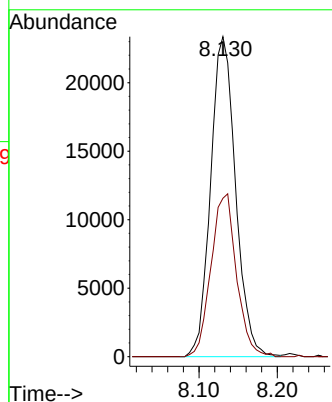
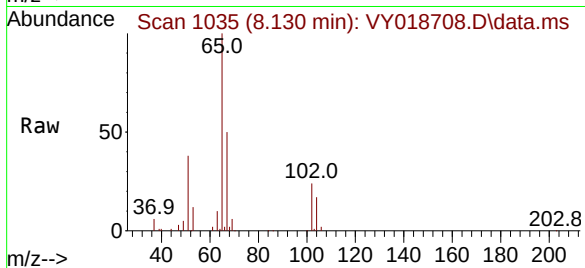
7-S-1

Tgt Ion: 65 Resp: 51793

Ion Ratio Lower Upper

65 100

67 51.9 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: VY018708.D

Acq: 26 Jun 2024 15:31

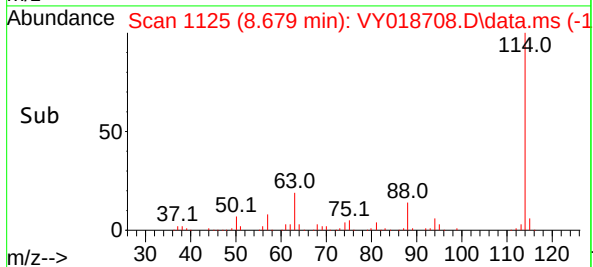
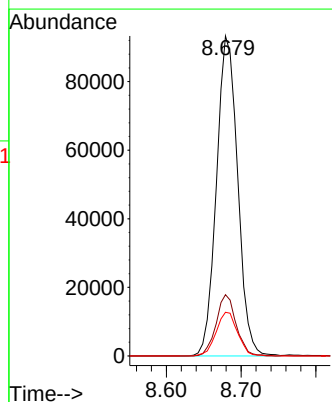
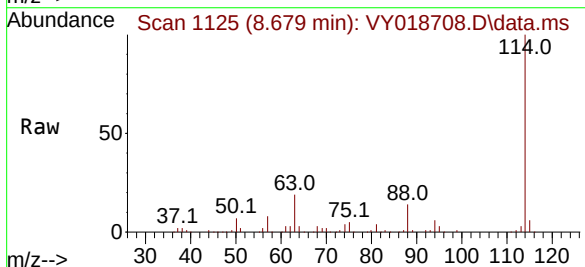
Tgt Ion: 114 Resp: 184384

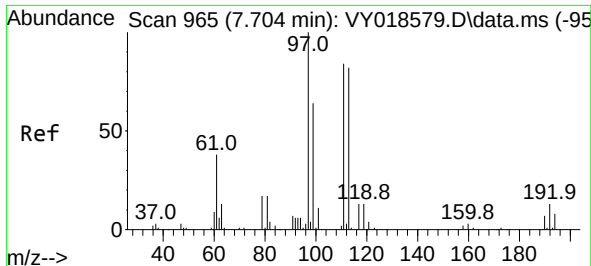
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 13.6 0.0 27.2

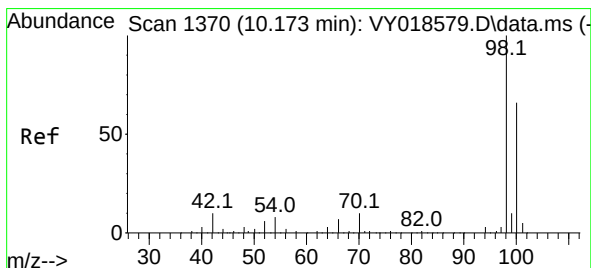
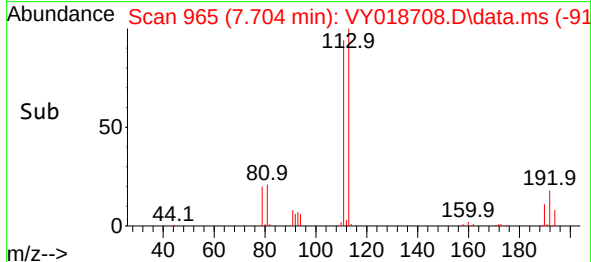
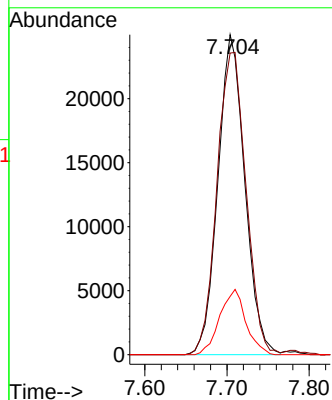
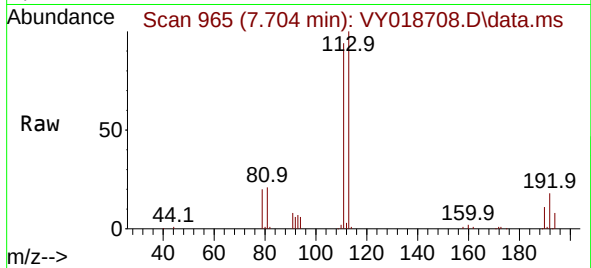




#35
Dibromofluoromethane
Concen: 50.563 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

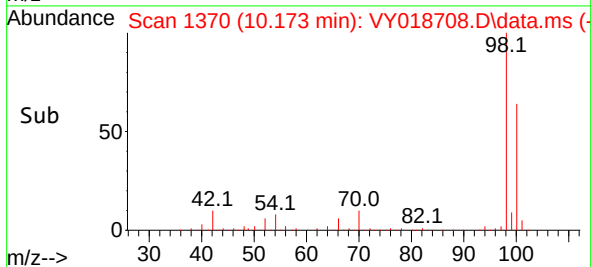
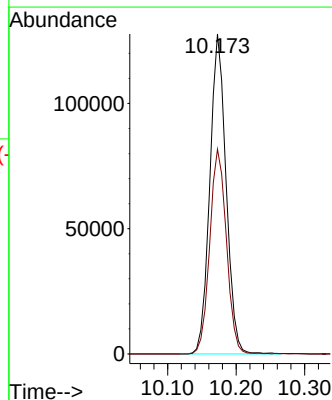
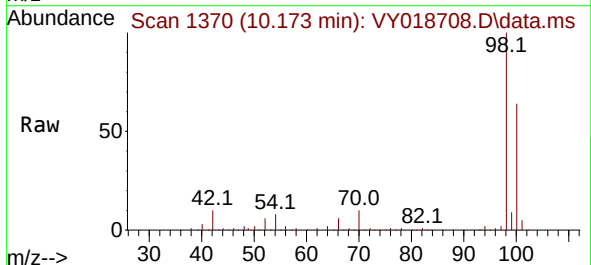
Instrument :
MSVOA_Y
ClientSampleId :
7-S-1

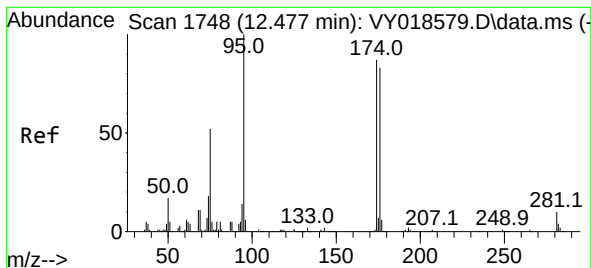
Tgt Ion:113 Resp: 56872
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 19.9 15.9 23.9



#50
Toluene-d8
Concen: 48.744 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Tgt Ion: 98 Resp: 210843
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

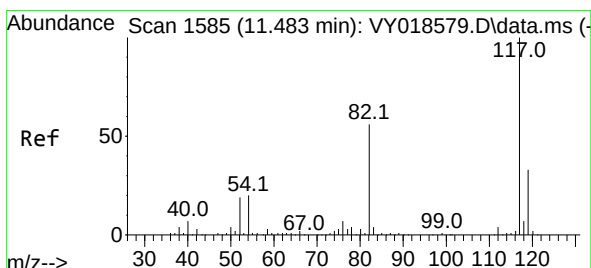
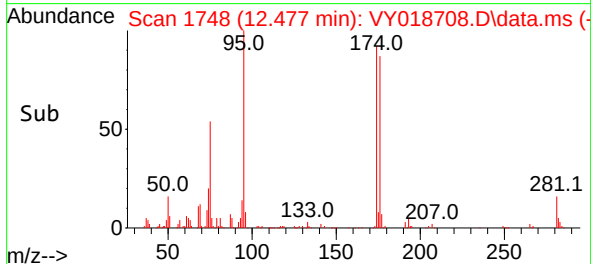
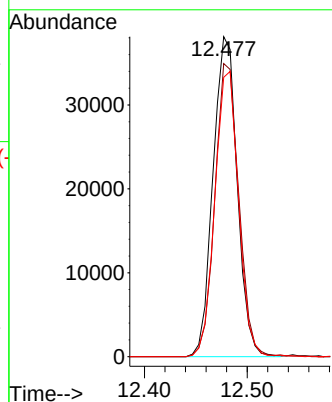
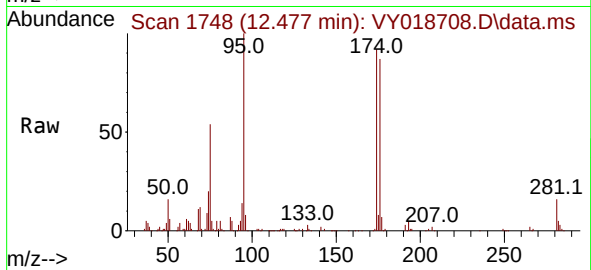




#62
4-Bromofluorobenzene
Concen: 45.526 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

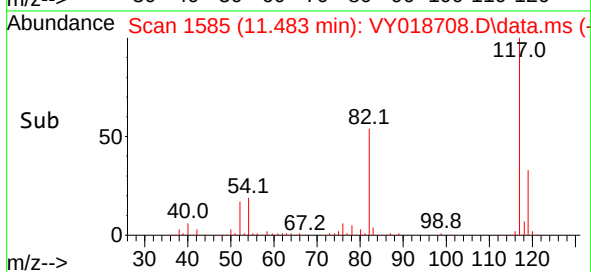
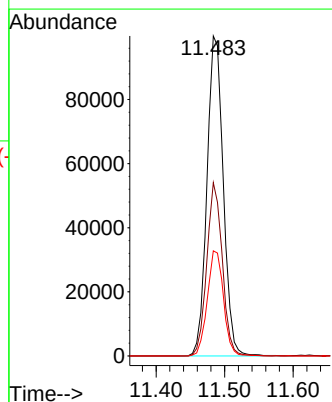
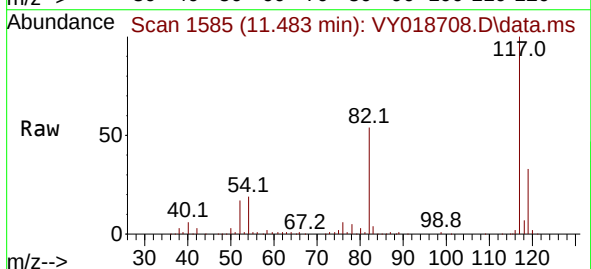
Instrument :
MSVOA_Y
ClientSampleId :
7-S-1

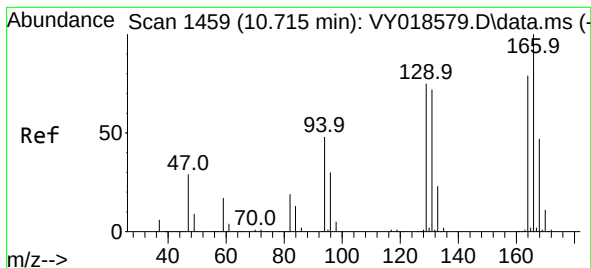
Tgt Ion: 95 Resp: 62182
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 87.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018708.D
Acq: 26 Jun 2024 15:31

Tgt Ion: 117 Resp: 165630
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 32.9 25.9 38.9





#64

Tetrachloroethene

Concen: 1.565 ug/l

RT: 10.709 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VY018708.D

Acq: 26 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

7-S-1

Tgt Ion:164 Resp: 1849

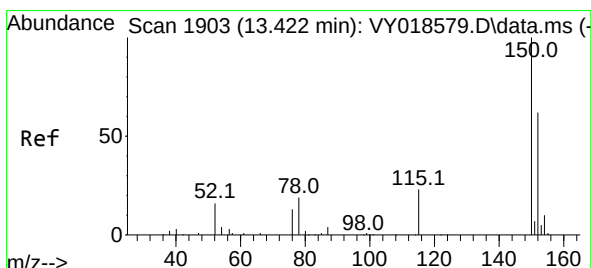
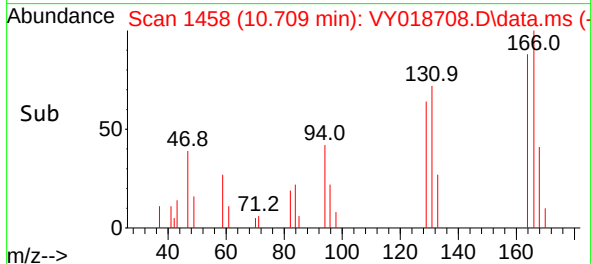
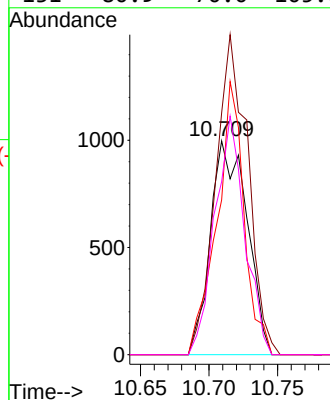
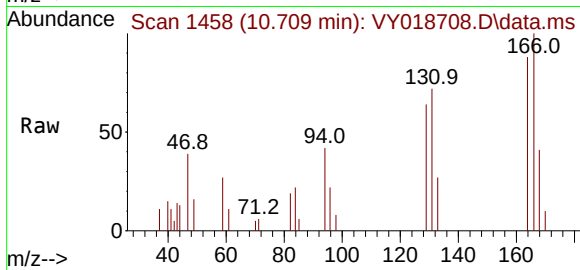
Ion Ratio Lower Upper

164 100

166 113.1 102.6 154.0

129 72.4 72.0 108.0

131 80.9 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: VY018708.D

Acq: 26 Jun 2024 15:31

Tgt Ion:152 Resp: 64714

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 157.8 0.0 345.6

