

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018729.D
 Acq On : 28 Jun 2024 12:55
 Operator : SY/MD
 Sample : P3077-01
 Misc : 8.20g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-N-1

Quant Time: Jul 01 01:45:54 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)

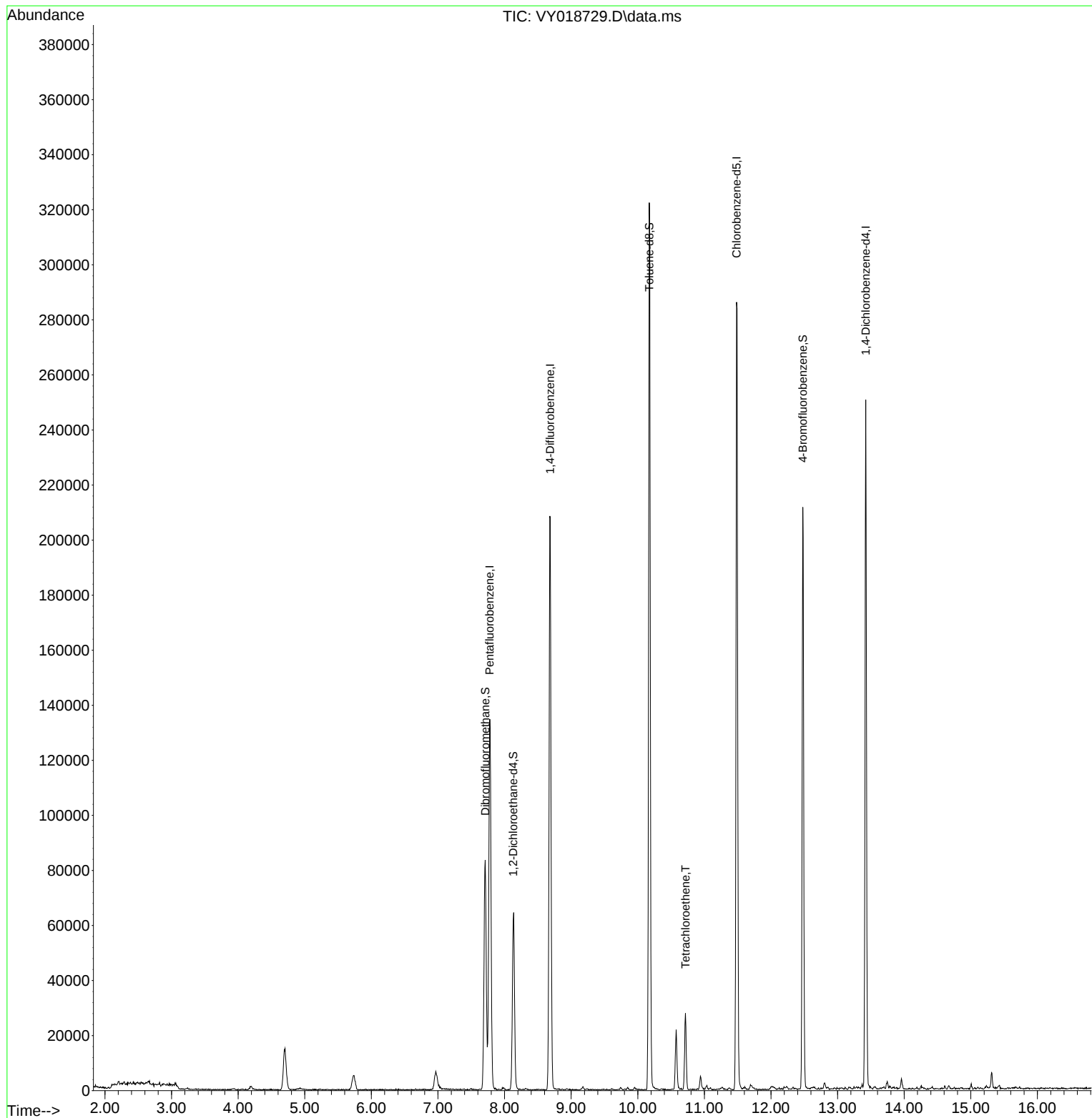
Internal Standards						
1) Pentafluorobenzene	7.777	168	109556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	191402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	172067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49134	44.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.100%
35) Dibromofluoromethane	7.710	113	59909	51.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.173	98	216707	48.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.477	95	61767	43.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.120%
Target Compounds						
64) Tetrachloroethene	10.715	164	5976	4.869	ug/l	Qvalue 94

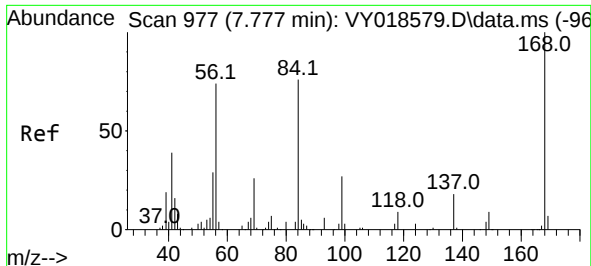
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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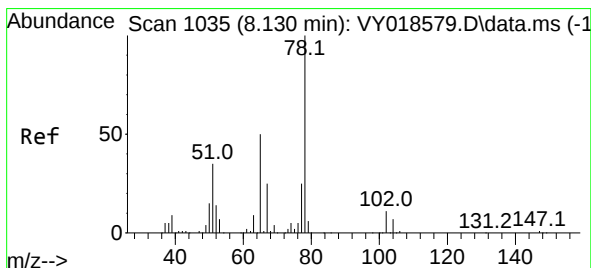
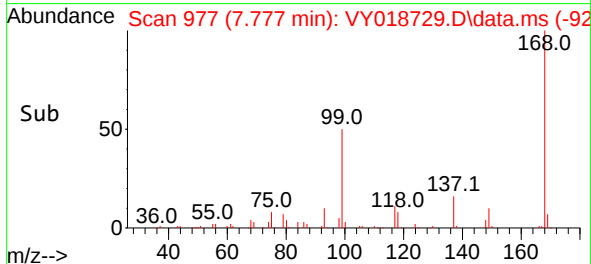
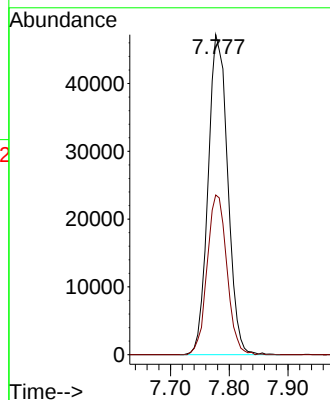
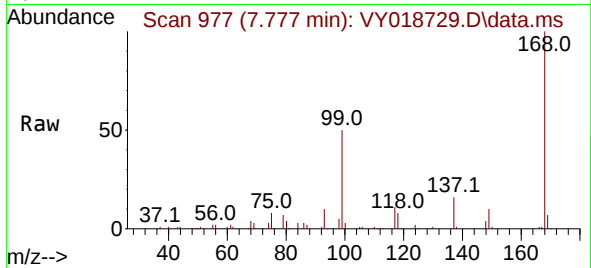




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

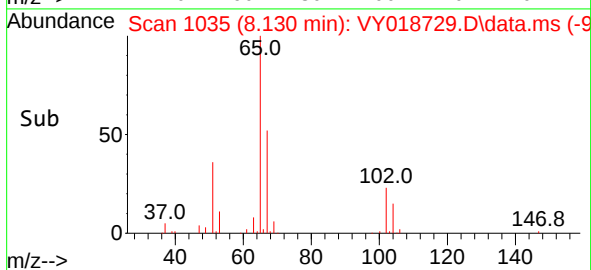
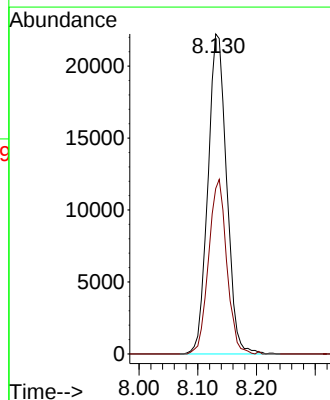
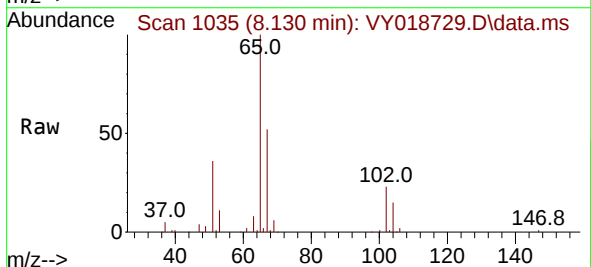
Instrument :
MSVOA_Y
ClientSampleId :
1-N-1

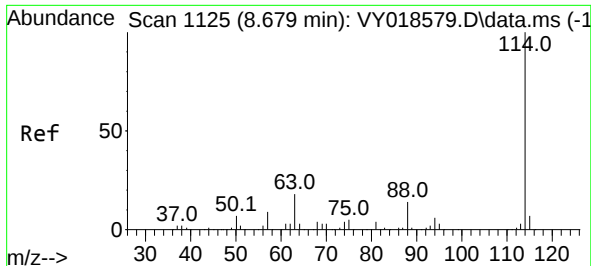
Tgt Ion:168 Resp: 109556
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 44.546 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Tgt Ion: 65 Resp: 49134
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

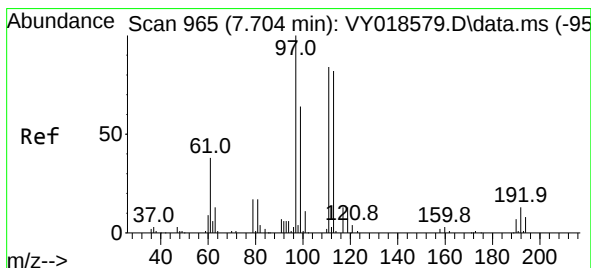
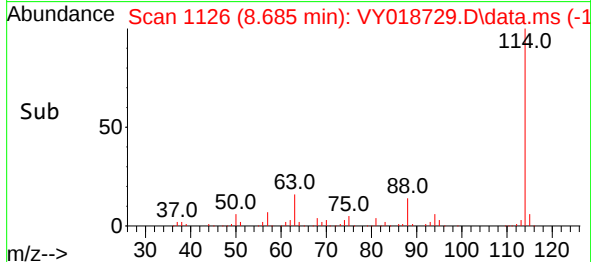
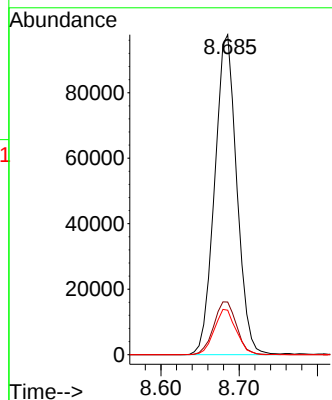
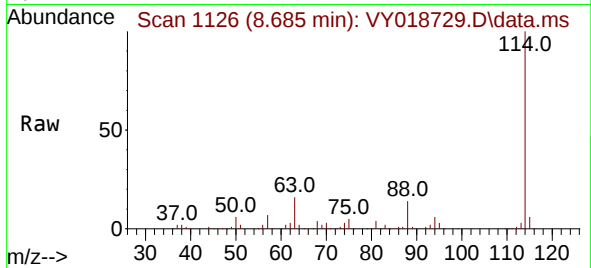




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

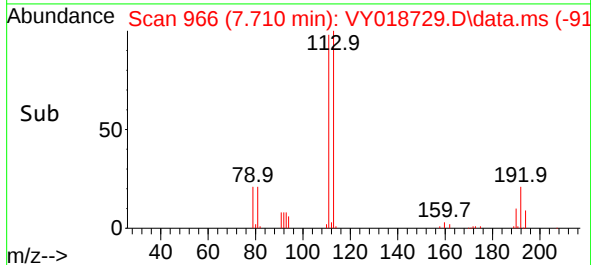
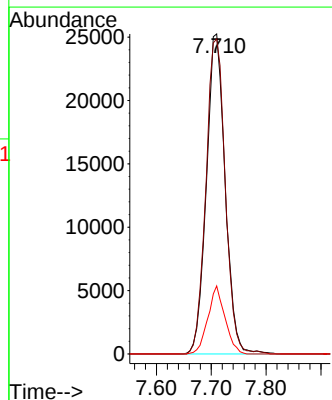
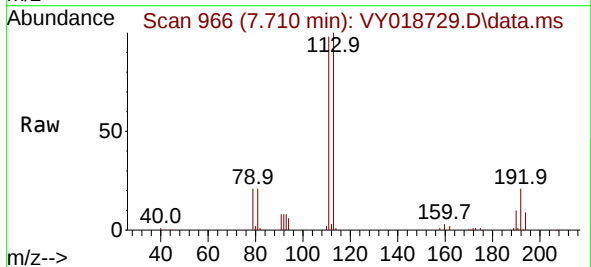
Instrument :
MSVOA_Y
ClientSampleId :
1-N-1

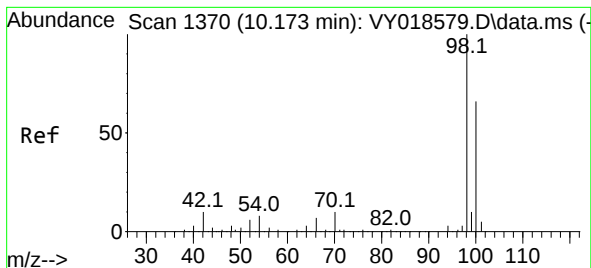
Tgt Ion:114 Resp: 191402
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.310 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Tgt Ion:113 Resp: 59909
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 48.263 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018729.D

Acq: 28 Jun 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

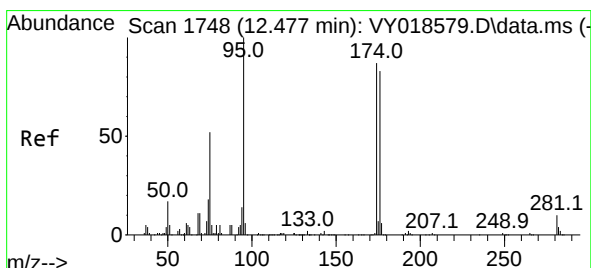
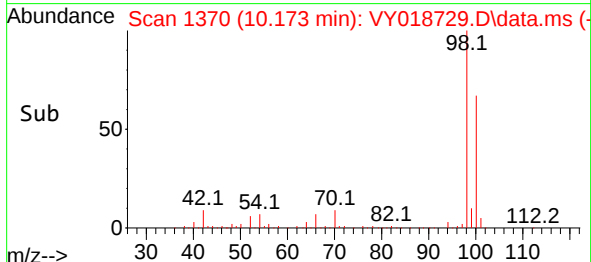
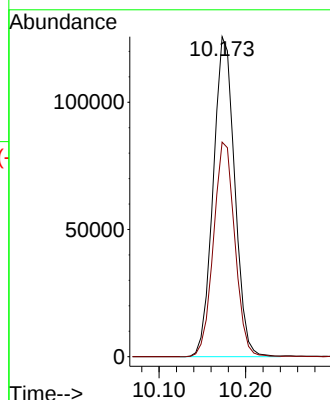
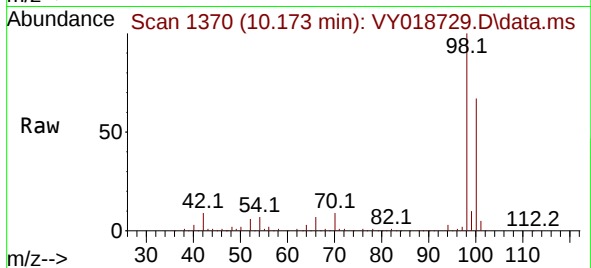
1-N-1

Tgt Ion: 98 Resp: 216707

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.564 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018729.D

Acq: 28 Jun 2024 12:55

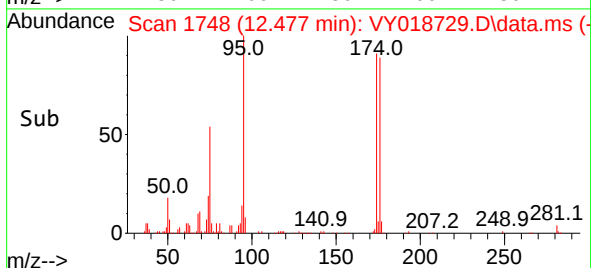
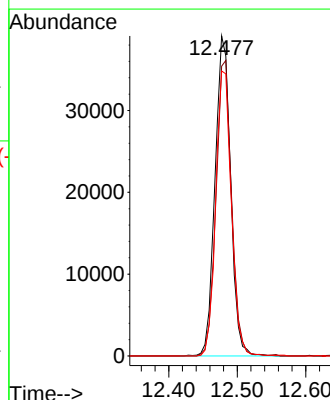
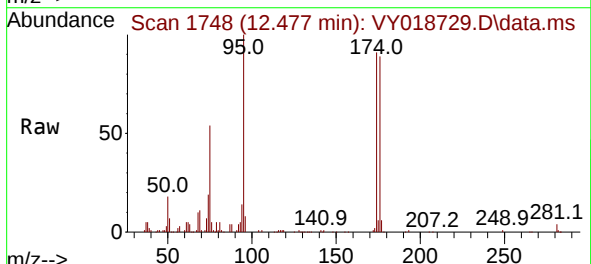
Tgt Ion: 95 Resp: 61767

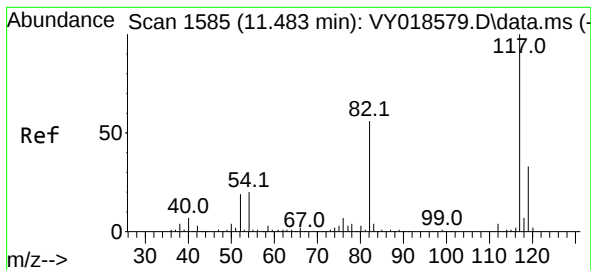
Ion Ratio Lower Upper

95 100

174 91.8 0.0 175.6

176 89.4 0.0 171.4

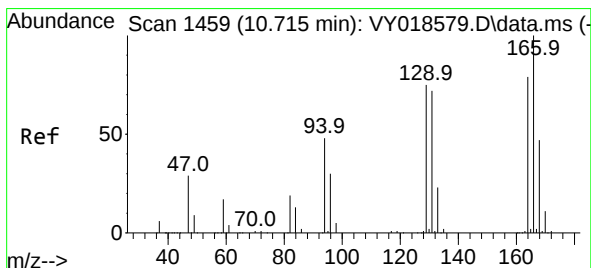
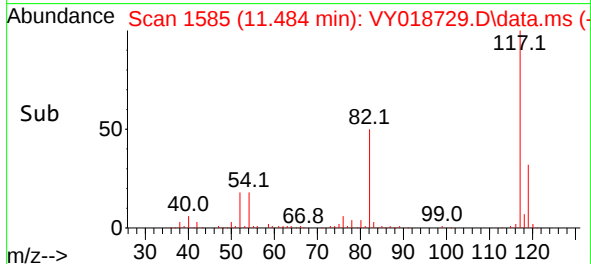
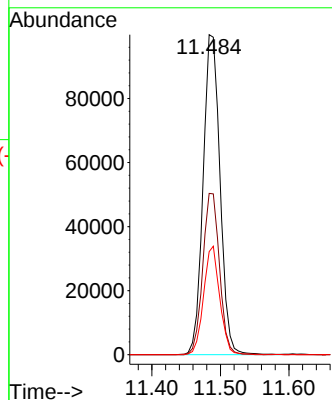
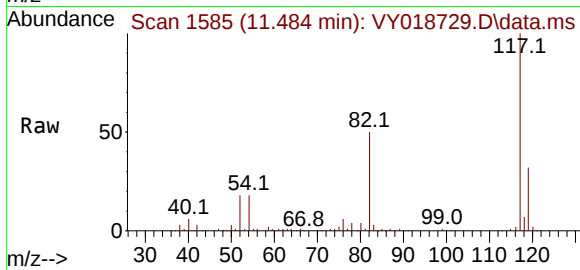




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

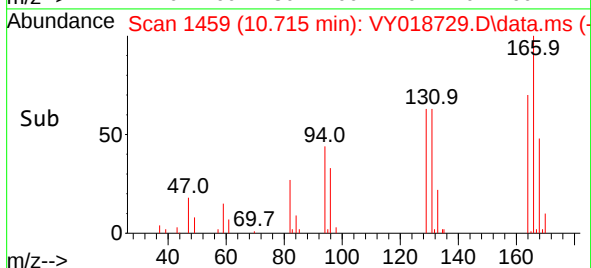
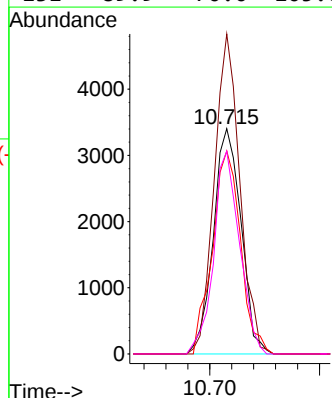
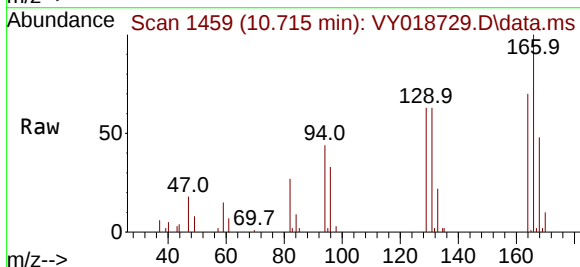
Instrument :
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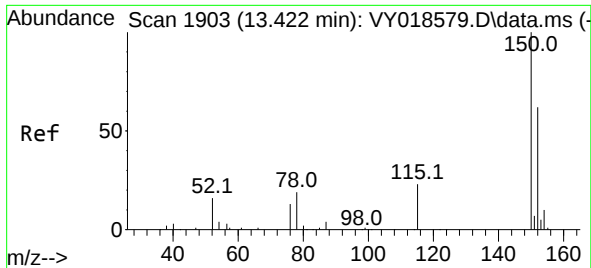
Tgt Ion:117 Resp: 172067
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 4.869 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018729.D
Acq: 28 Jun 2024 12:55

Tgt Ion:164 Resp: 5976
Ion Ratio Lower Upper
164 100
166 142.0 102.6 154.0
129 90.1 72.0 108.0
131 89.9 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: VY018729.D

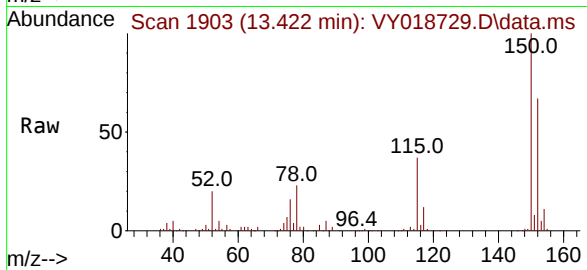
Acq: 28 Jun 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

1-N-1



Tgt Ion:152 Resp: 65936

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 152.1 0.0 345.6

