

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018705.D
 Acq On : 26 Jun 2024 14:16
 Operator : SY/MD
 Sample : P3076-01
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-N-1

Quant Time: Jun 27 07:51:02 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)

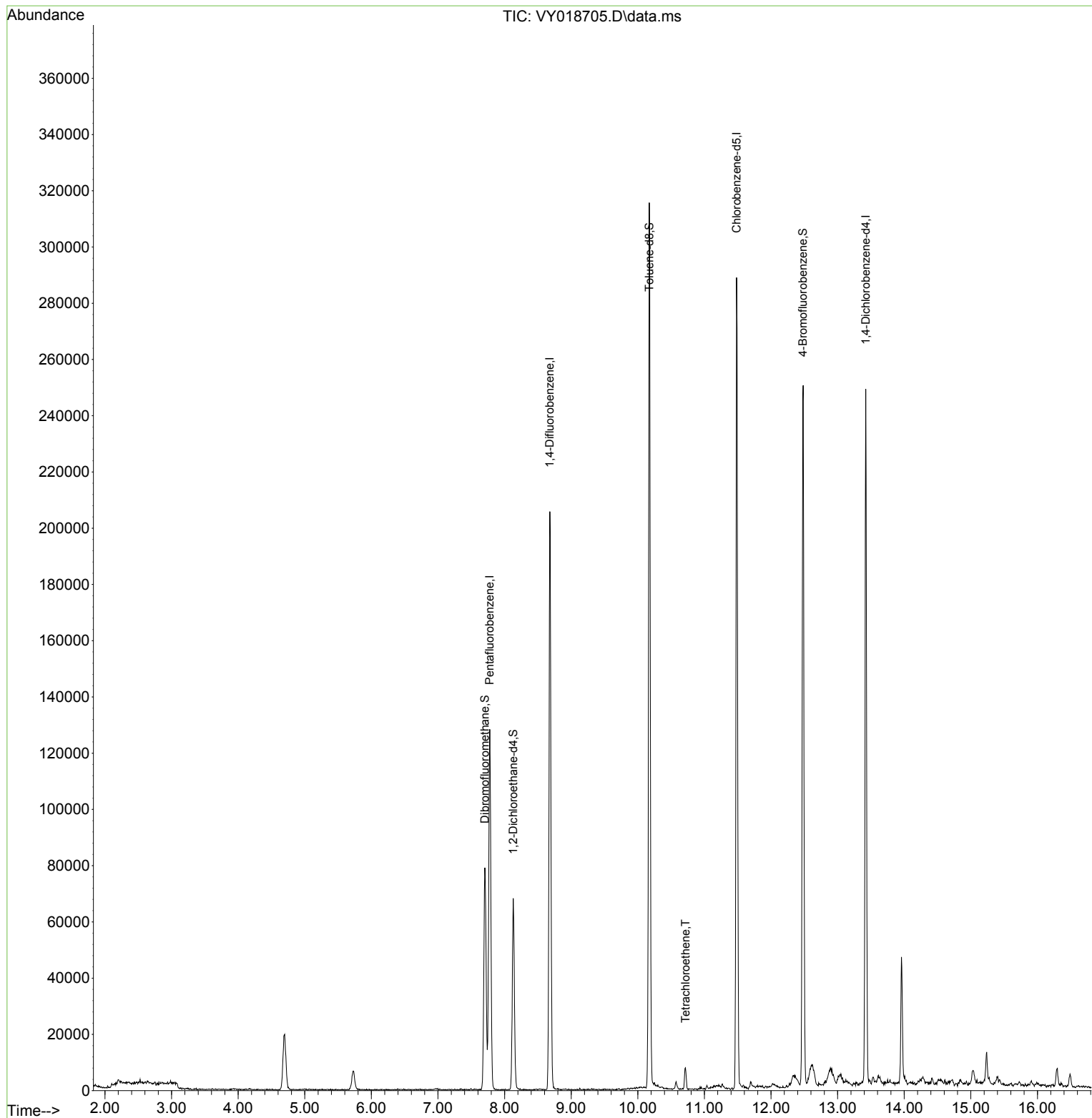
Internal Standards						
1) Pentafluorobenzene	7.777	168	100298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	184795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	164998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51323	50.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.660%	
35) Dibromofluoromethane	7.704	113	57606	51.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.200%	
50) Toluene-d8	10.173	98	209944	48.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.860%	
62) 4-Bromofluorobenzene	12.477	95	63878	46.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.320%	
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.715	164	1480	1.258	ug/l #	81

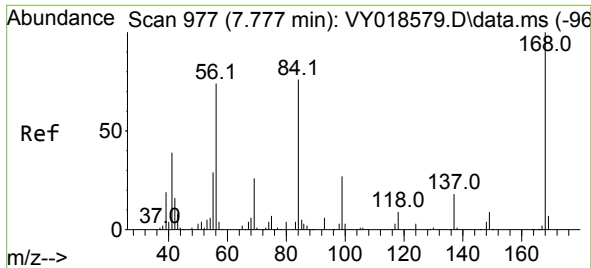
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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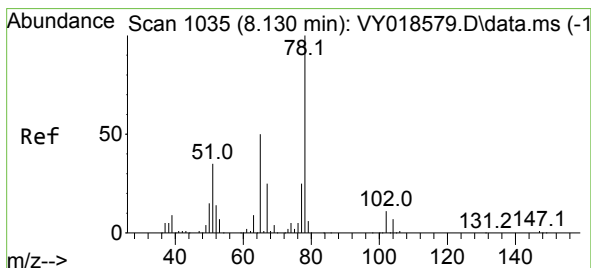
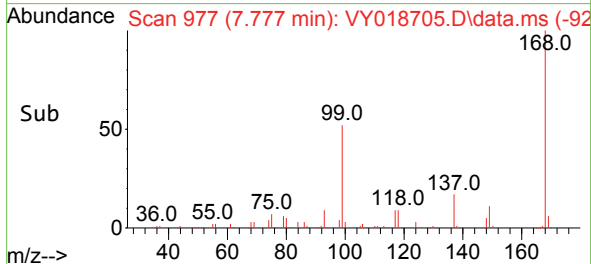
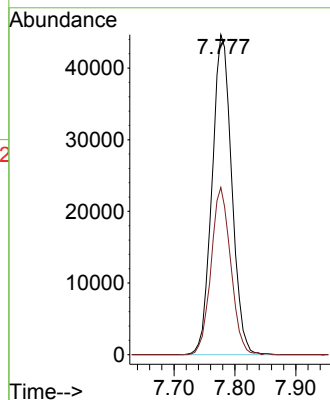
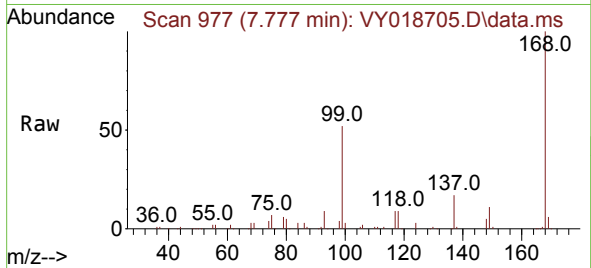




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

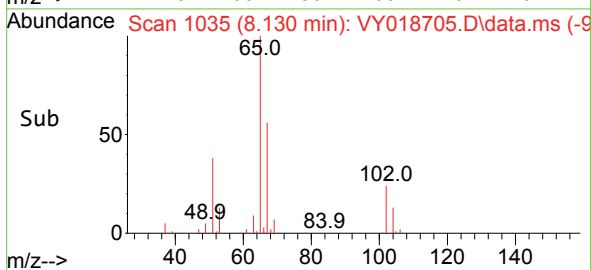
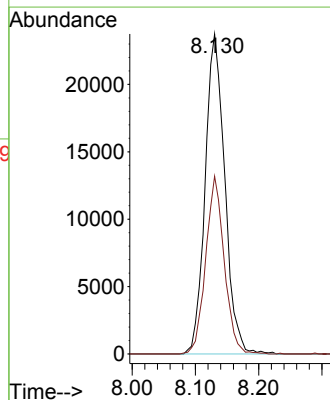
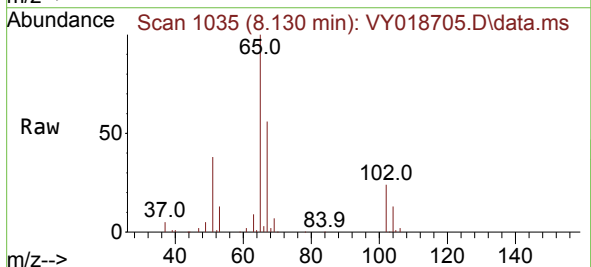
Instrument :
MSVOA_Y
ClientSampleId :
7-N-1

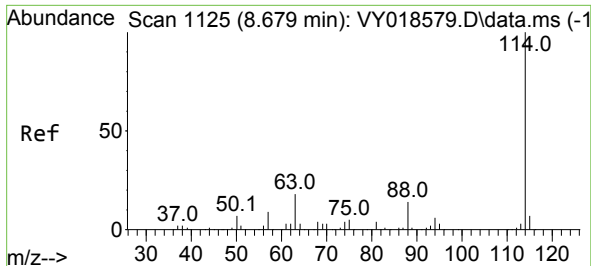
Tgt Ion:168 Resp: 100298
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.825 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion: 65 Resp: 51323
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

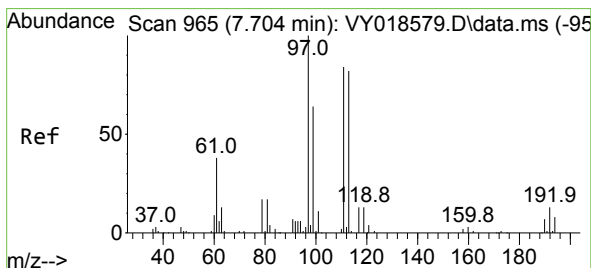
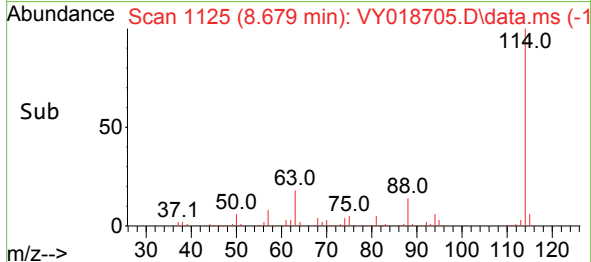
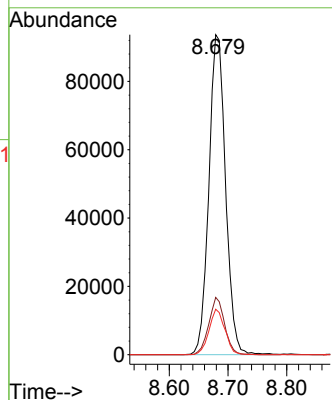
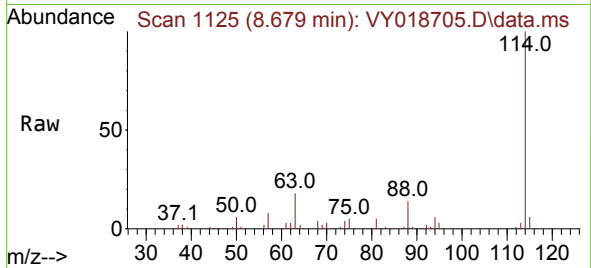




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

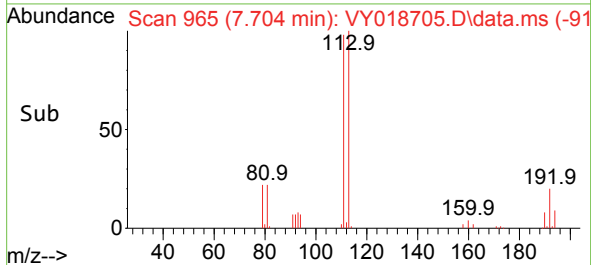
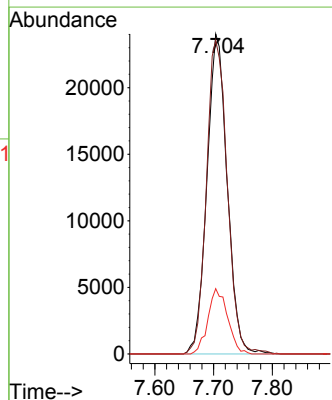
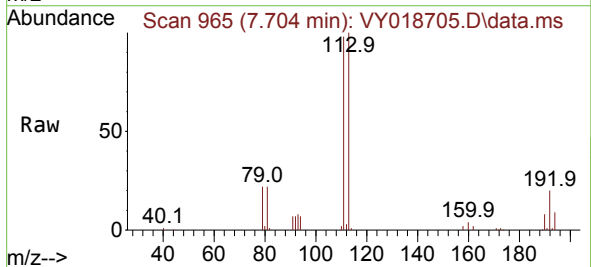
Instrument :
MSVOA_Y
ClientSampleId :
7-N-1

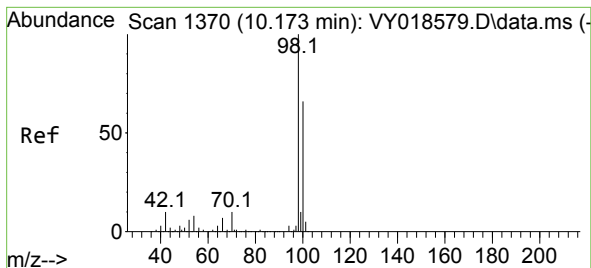
Tgt Ion:114 Resp: 184795
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.102 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion:113 Resp: 57606
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 48.429 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018705.D

Acq: 26 Jun 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

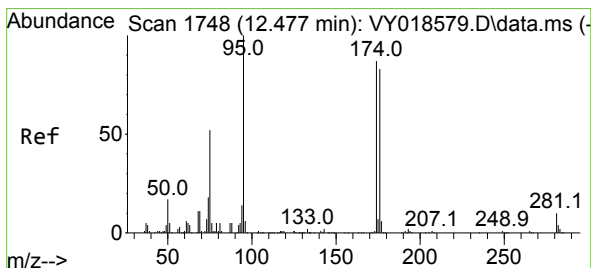
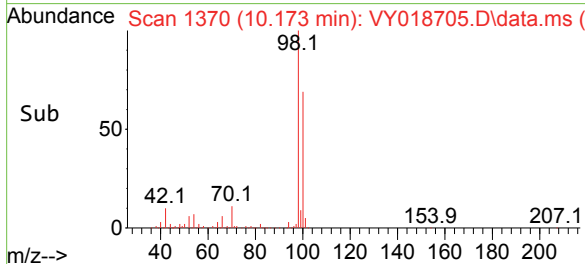
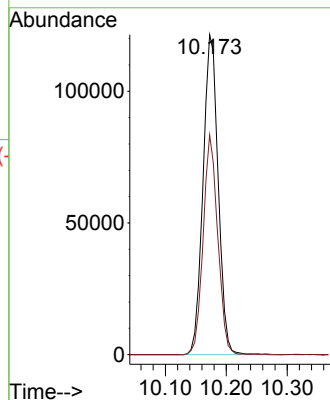
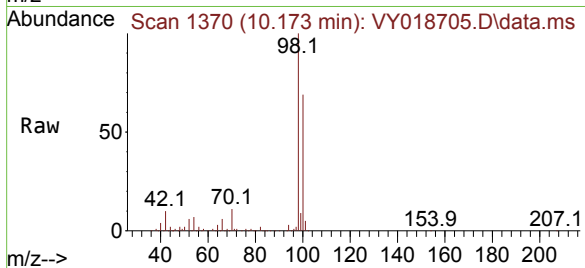
7-N-1

Tgt Ion: 98 Resp: 209944

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.663 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018705.D

Acq: 26 Jun 2024 14:16

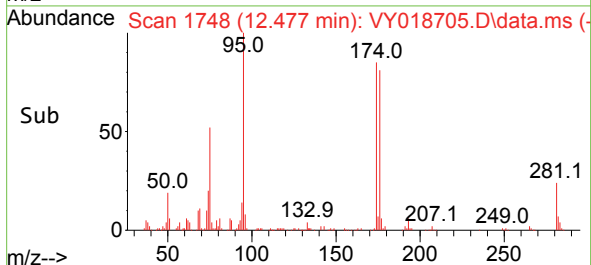
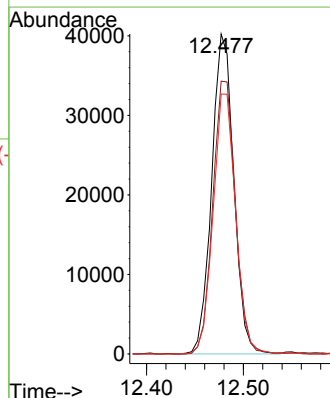
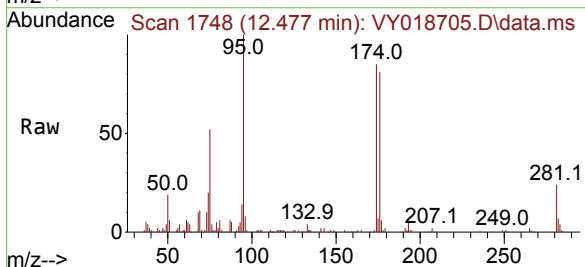
Tgt Ion: 95 Resp: 63878

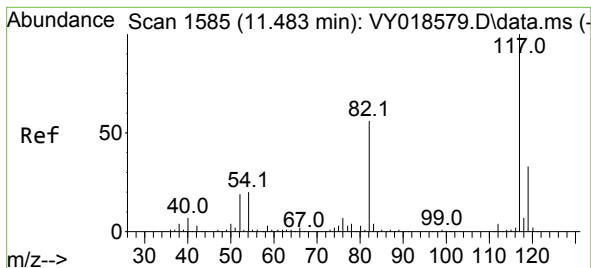
Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.6

176 83.3 0.0 171.4

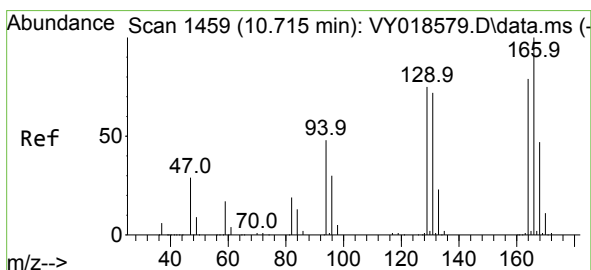
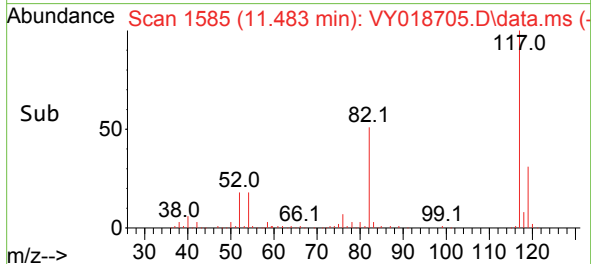
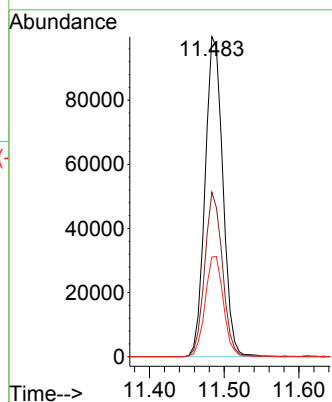
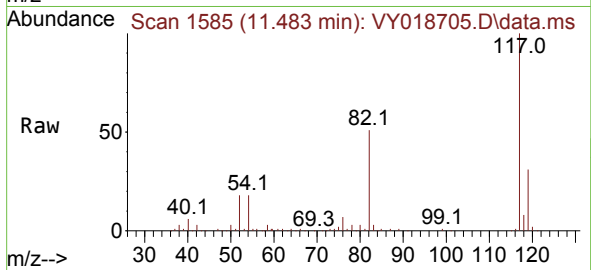




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

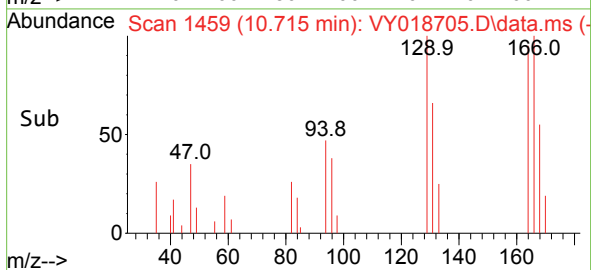
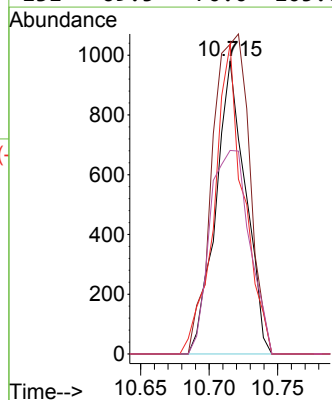
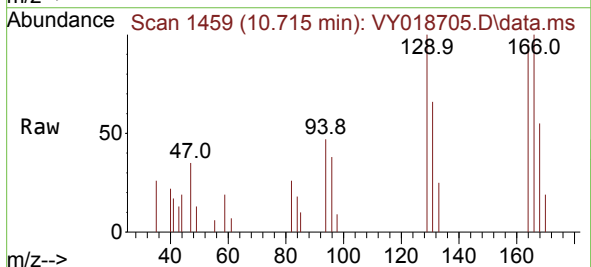
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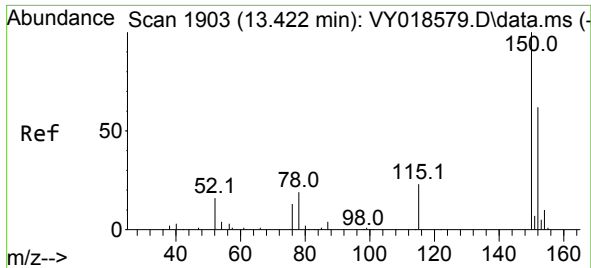
Tgt Ion:117 Resp: 164998
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 1.258 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

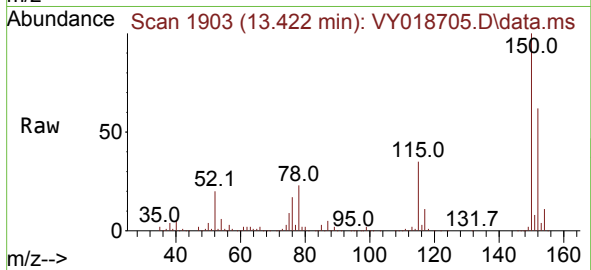
Tgt Ion:164 Resp: 1480
Ion Ratio Lower Upper
164 100
166 105.8 102.6 154.0
129 105.8 72.0 108.0
131 69.5 70.0 105.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018705.D
 Acq: 26 Jun 2024 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-N-1



Tgt Ion:152 Resp: 64500
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 155.6 0.0 345.6

