

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018990.D
 Acq On : 12 Aug 2024 10:12
 Operator : SY/MD
 Sample : VY0812SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBL01

Quant Time: Aug 13 01:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

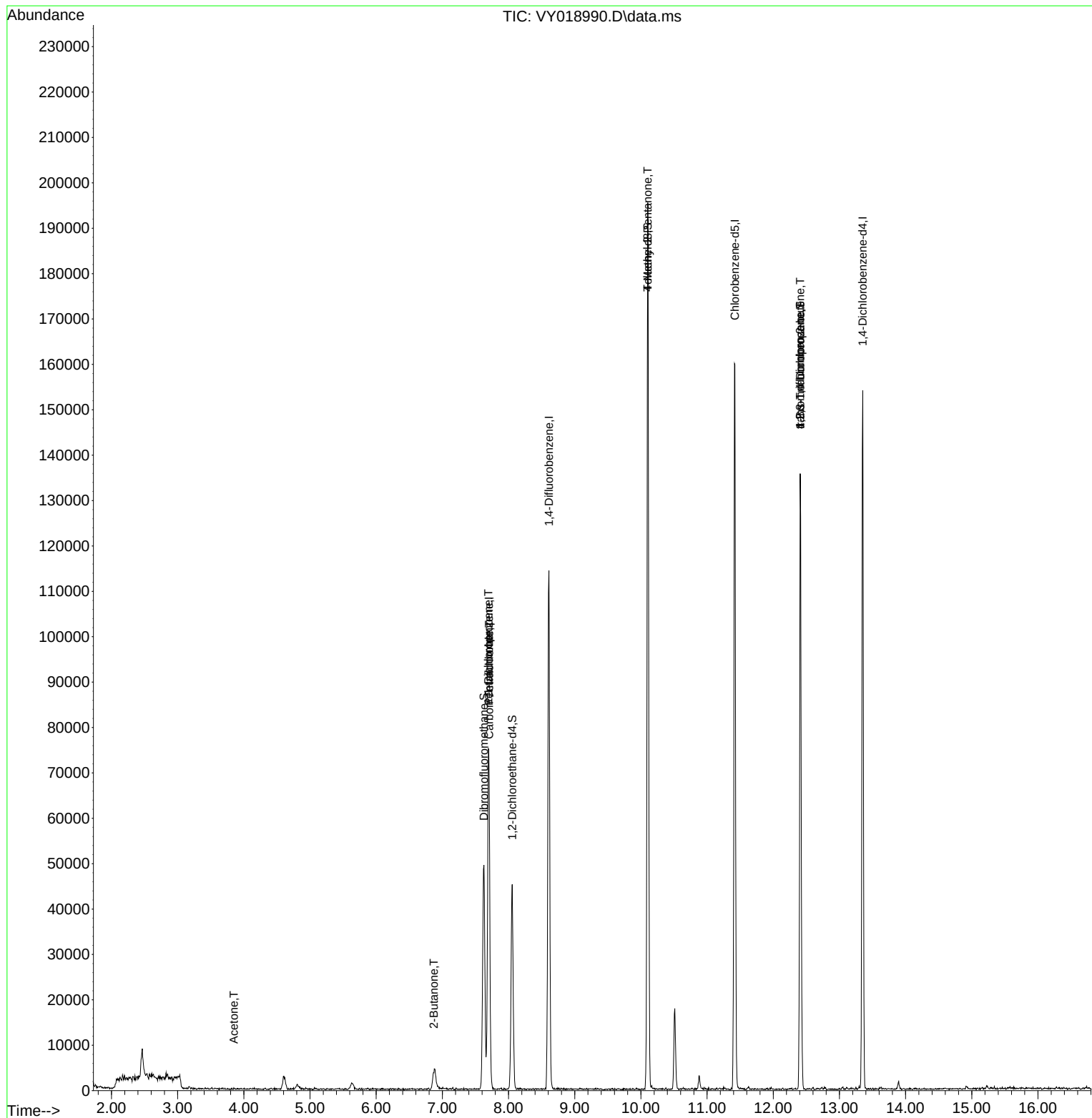
Internal Standards						
1) Pentafluorobenzene	7.701	168	62509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	98706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	82856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	36816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	28349	51.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.300%			
35) Dibromofluoromethane	7.628	113	31555	50.054	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.100%			
50) Toluene-d8	10.103	98	119476	49.340	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.680%			
62) 4-Bromofluorobenzene	12.408	95	32665	45.469	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.940%			
Target Compounds						
3) Chloromethane	2.074	50	206	Below Cal	Qvalue 98	
11) Tert butyl alcohol	4.805	59	972	Below Cal	# 88	
13) Acrolein	3.690	56	26	Below Cal	# 15	
16) Acetone	3.848	43	100	13.196	ug/l # 36	
20) Methylene Chloride	4.623	84	1904	Below Cal	94	
25) 2-Butanone	6.872	43	205	1.154	ug/l # 41	
31) Cyclohexane	7.695	56	1549	Below Cal	# 58	
36) 1,1-Dichloropropene	7.695	75	4846	5.726	ug/l # 49	
38) Carbon Tetrachloride	7.707	117	5831	6.010	ug/l # 21	
41) Methacrylonitrile	7.055	41	61	Below Cal	# 15	
51) 4-Methyl-2-Pentanone	10.103	43	804	1.982	ug/l # 1	
76) 1,2,3-Trichloropropane	12.408	75	18224	66.445	ug/l # 100	
81) trans-1,4-Dichloro-2-b...	12.408	75	18224	136.915	ug/l # 16	

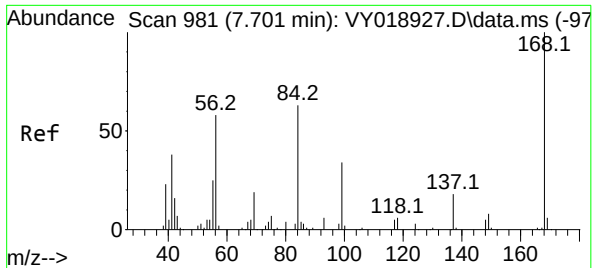
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
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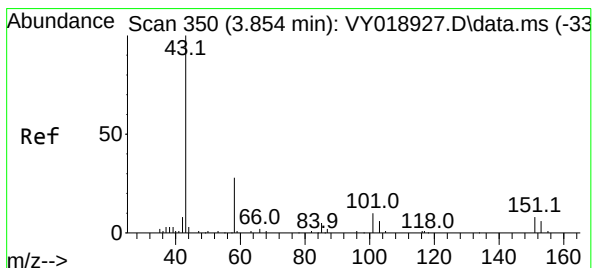
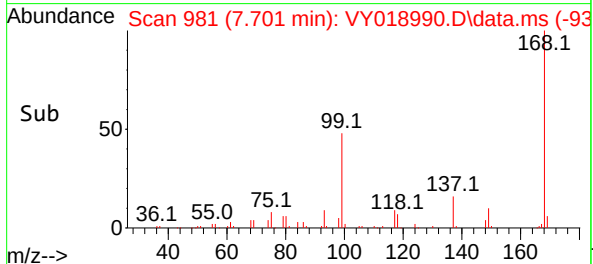
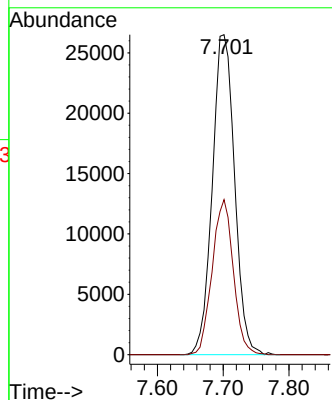
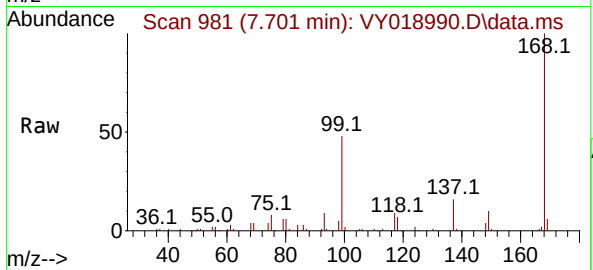




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

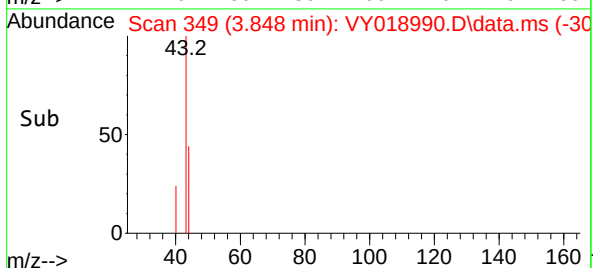
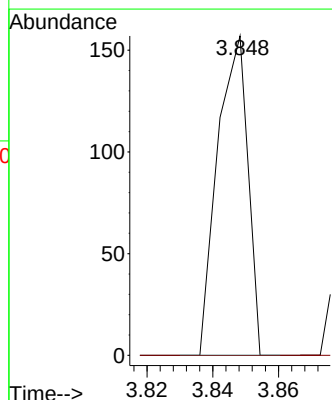
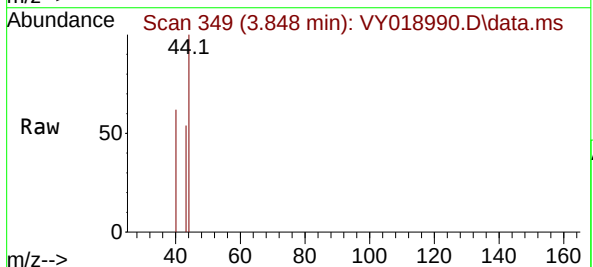
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

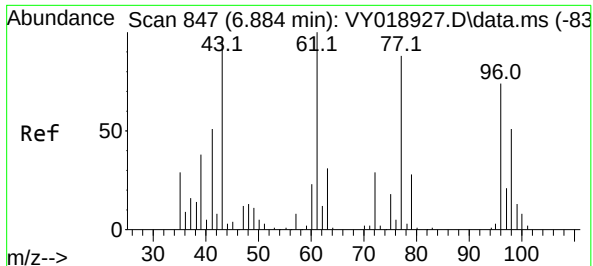
Tgt Ion:168 Resp: 62509
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#16
Acetone
Concen: 13.196 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

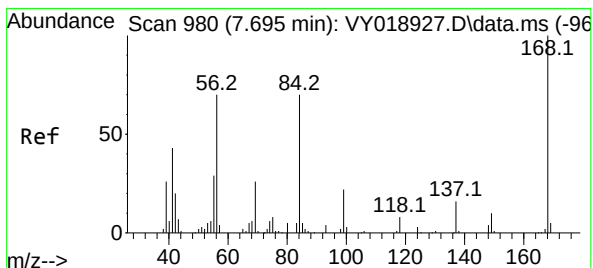
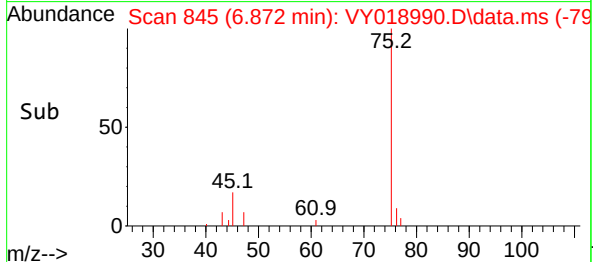
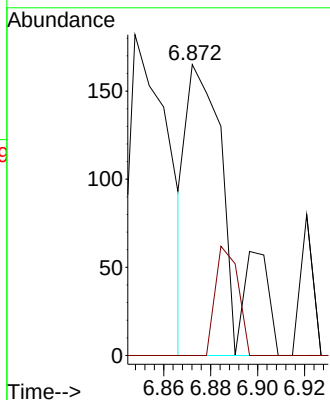
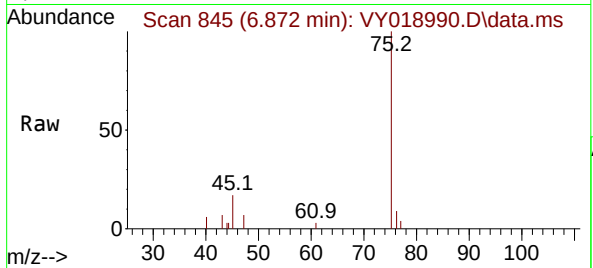




#25
2-Butanone
Concen: 1.154 ug/l
RT: 6.872 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

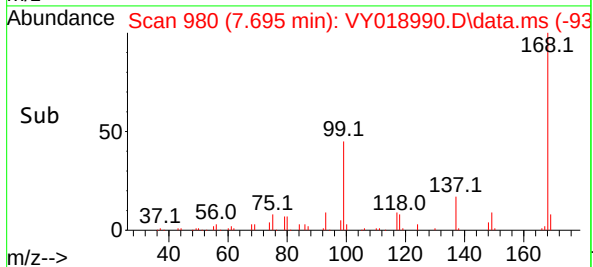
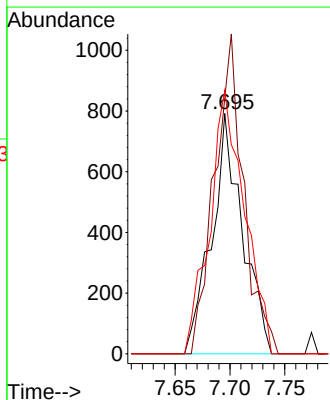
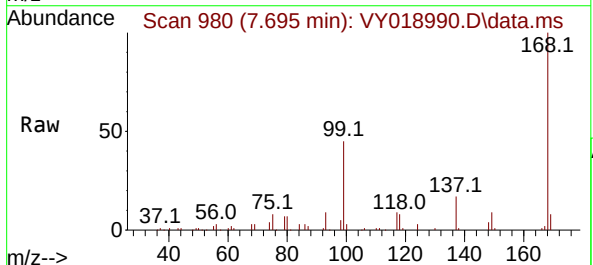
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

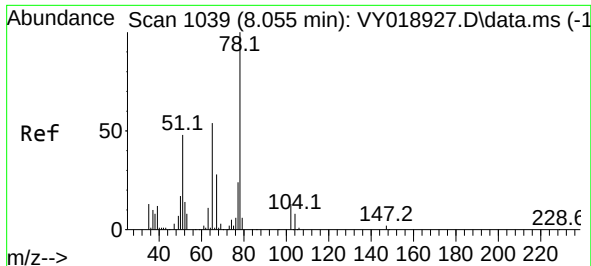
Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Tgt Ion: 56 Resp: 1549
Ion Ratio Lower Upper
56 100
69 106.3 28.7 43.1#
84 109.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 51.654 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

Instrument :

MSVOA_Y

ClientSampleId :

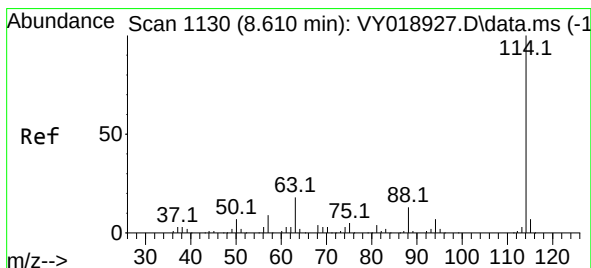
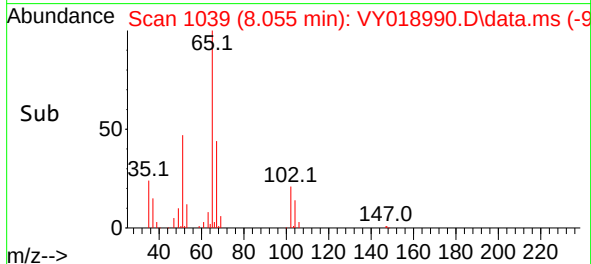
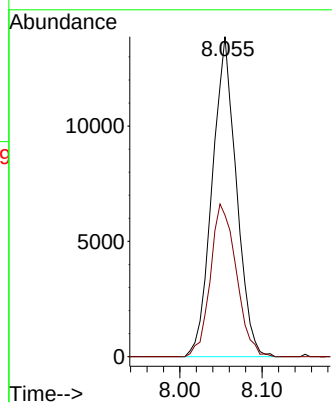
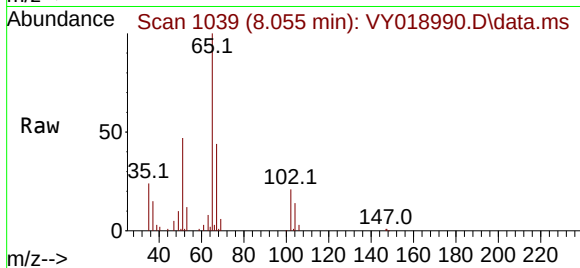
VY0812SBL01

Tgt Ion: 65 Resp: 28349

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

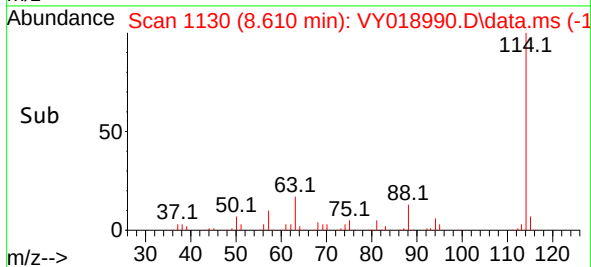
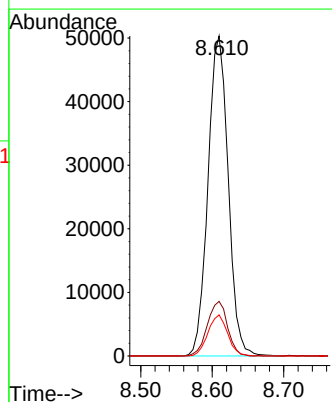
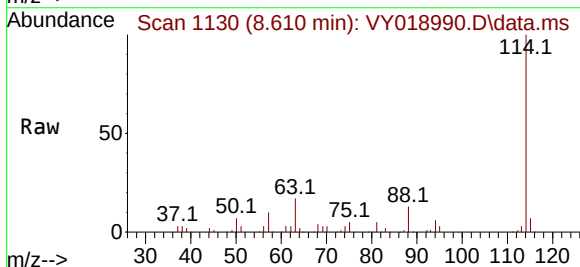
Tgt Ion: 114 Resp: 98706

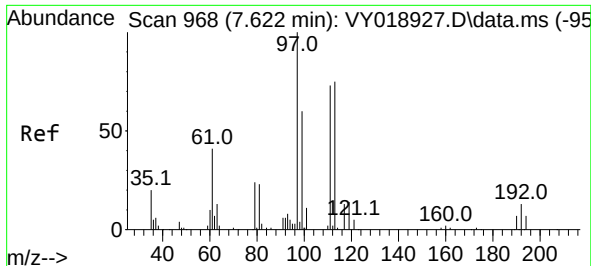
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 12.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.054 ug/l

RT: 7.628 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBL01

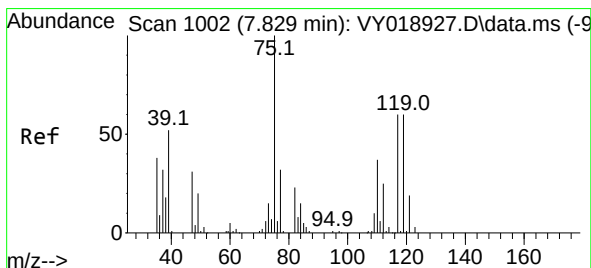
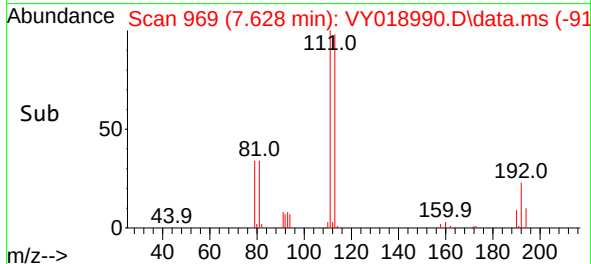
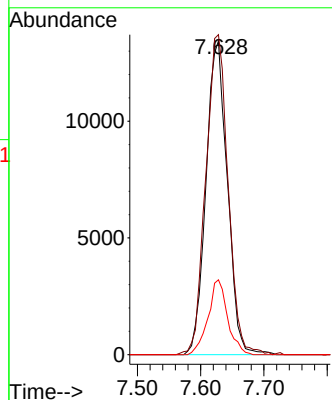
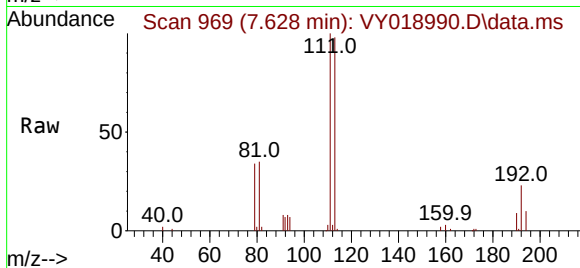
Tgt Ion:113 Resp: 31555

Ion Ratio Lower Upper

113 100

111 106.4 82.2 123.4

192 21.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.726 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

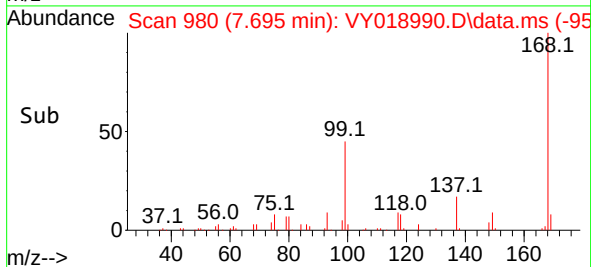
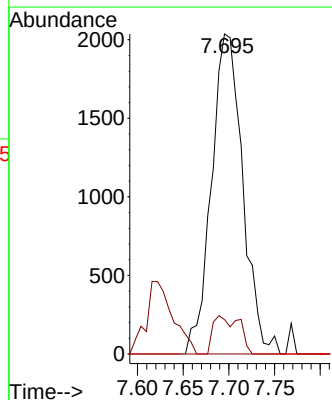
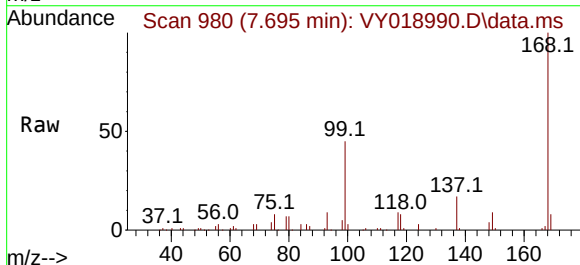
Tgt Ion: 75 Resp: 4846

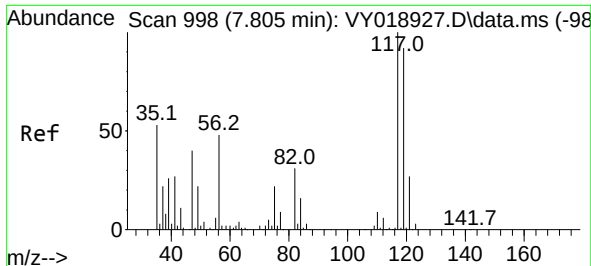
Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

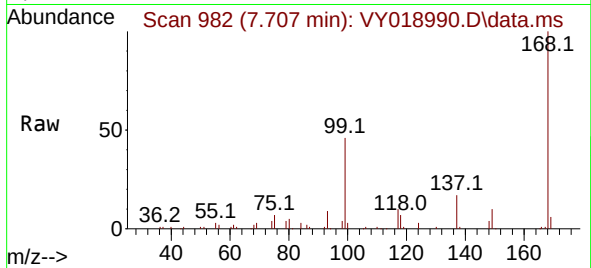
77 0.0 25.3 37.9#



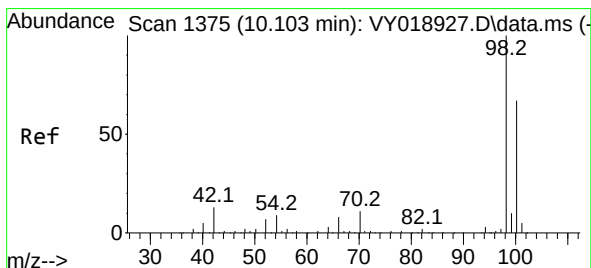
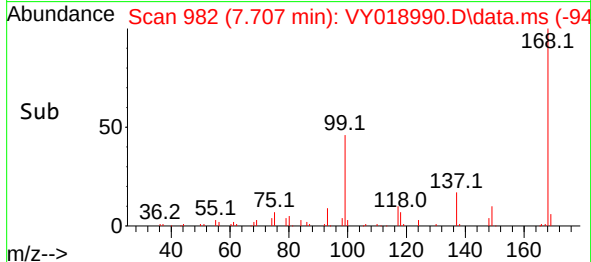
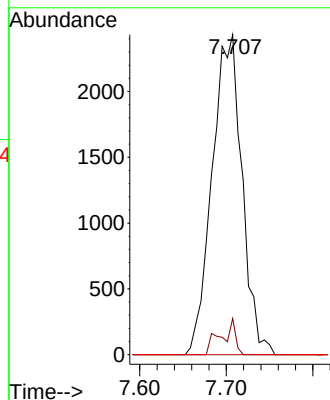


#38
Carbon Tetrachloride
Concen: 6.010 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

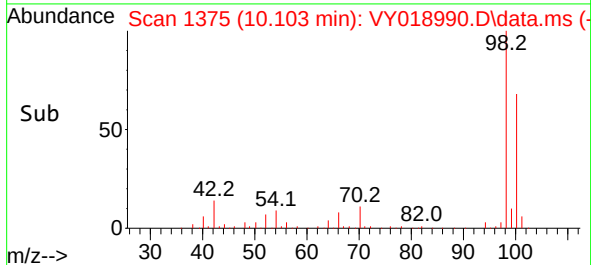
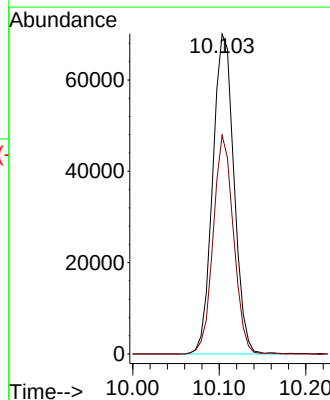
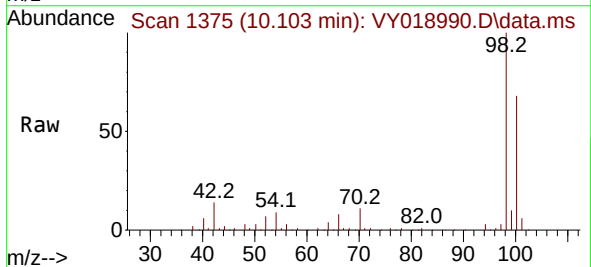


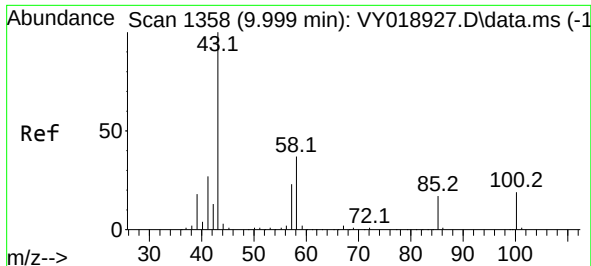
Tgt Ion:117 Resp: 5831
Ion Ratio Lower Upper
117 100
119 11.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.340 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Tgt Ion: 98 Resp: 119476
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

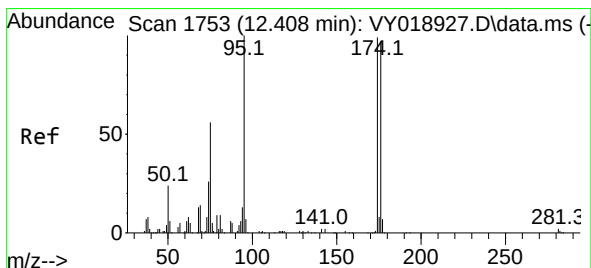
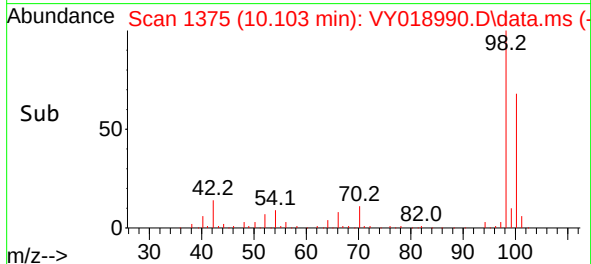
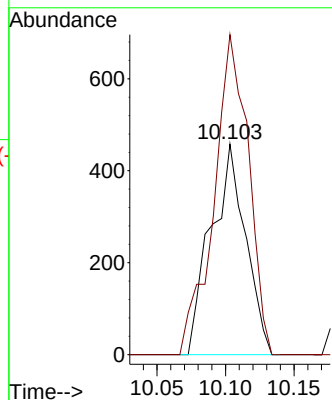
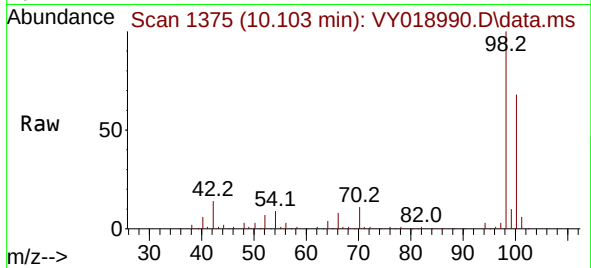




#51
4-Methyl-2-Pentanone
Concen: 1.982 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

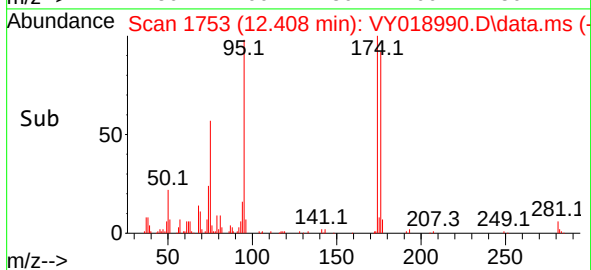
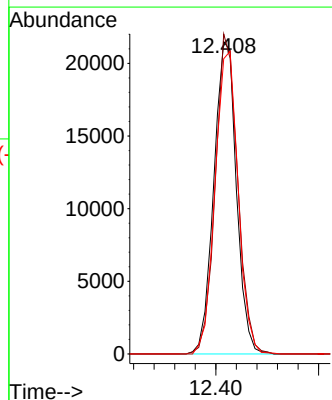
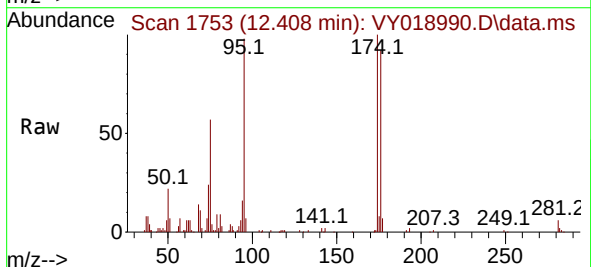
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

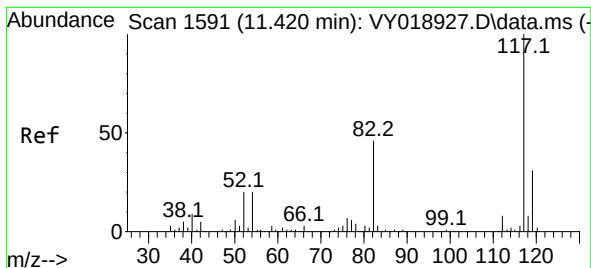
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
58 151.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 45.469 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Tgt Ion: 95 Resp: 32665
Ion Ratio Lower Upper
95 100
174 100.7 0.0 175.6
176 99.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBL01

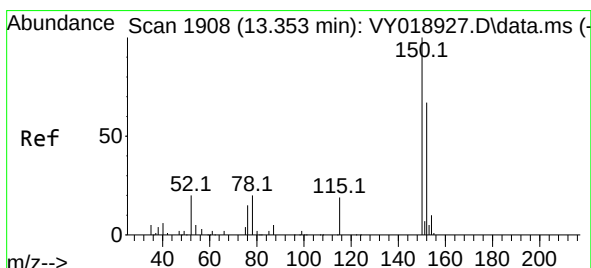
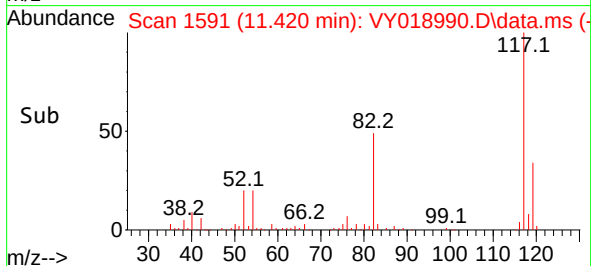
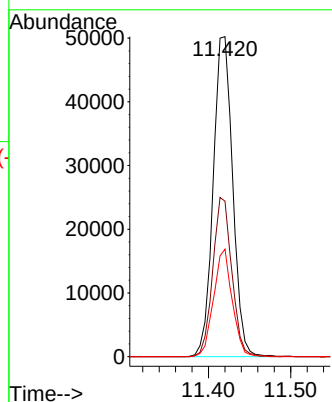
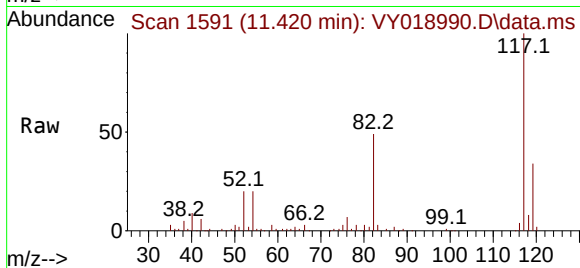
Tgt Ion:117 Resp: 82856

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 33.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

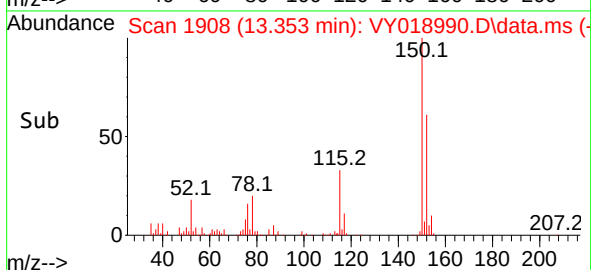
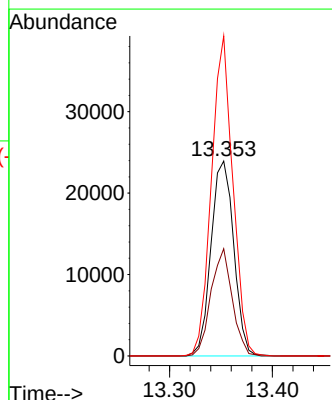
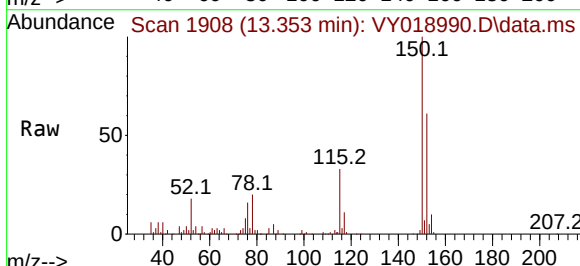
Tgt Ion:152 Resp: 36816

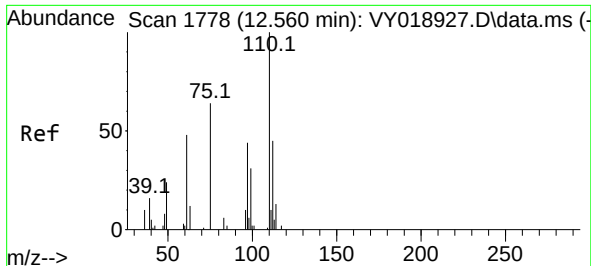
Ion Ratio Lower Upper

152 100

115 51.5 28.2 84.7

150 154.6 0.0 345.6

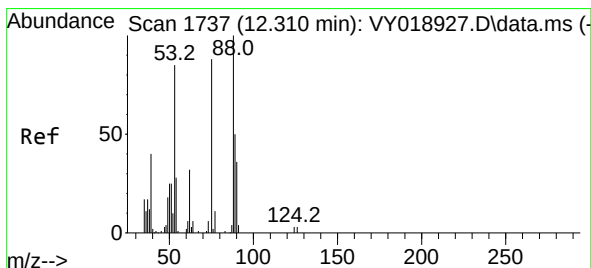
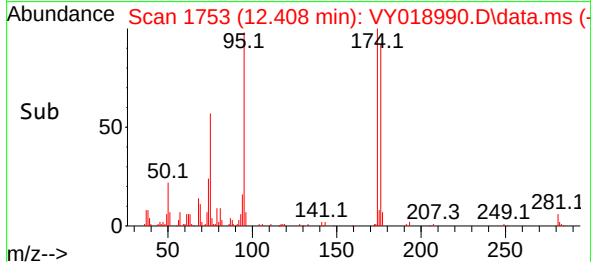
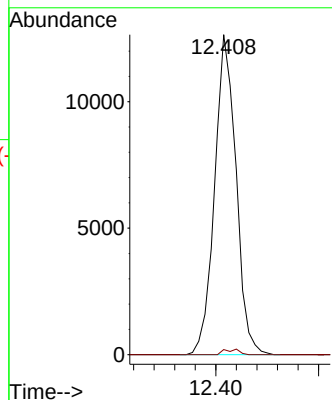
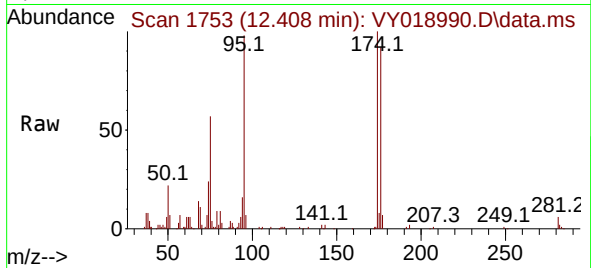




#76
1,2,3-Trichloropropane
Concen: 66.445 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

Tgt Ion: 75 Resp: 18224
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.915 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Tgt Ion: 75 Resp: 18224
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 35.8 53.6#

