

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018913.D
 Acq On : 25 Jul 2024 12:21
 Operator : SY/MD
 Sample : VY0725SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 02:58:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

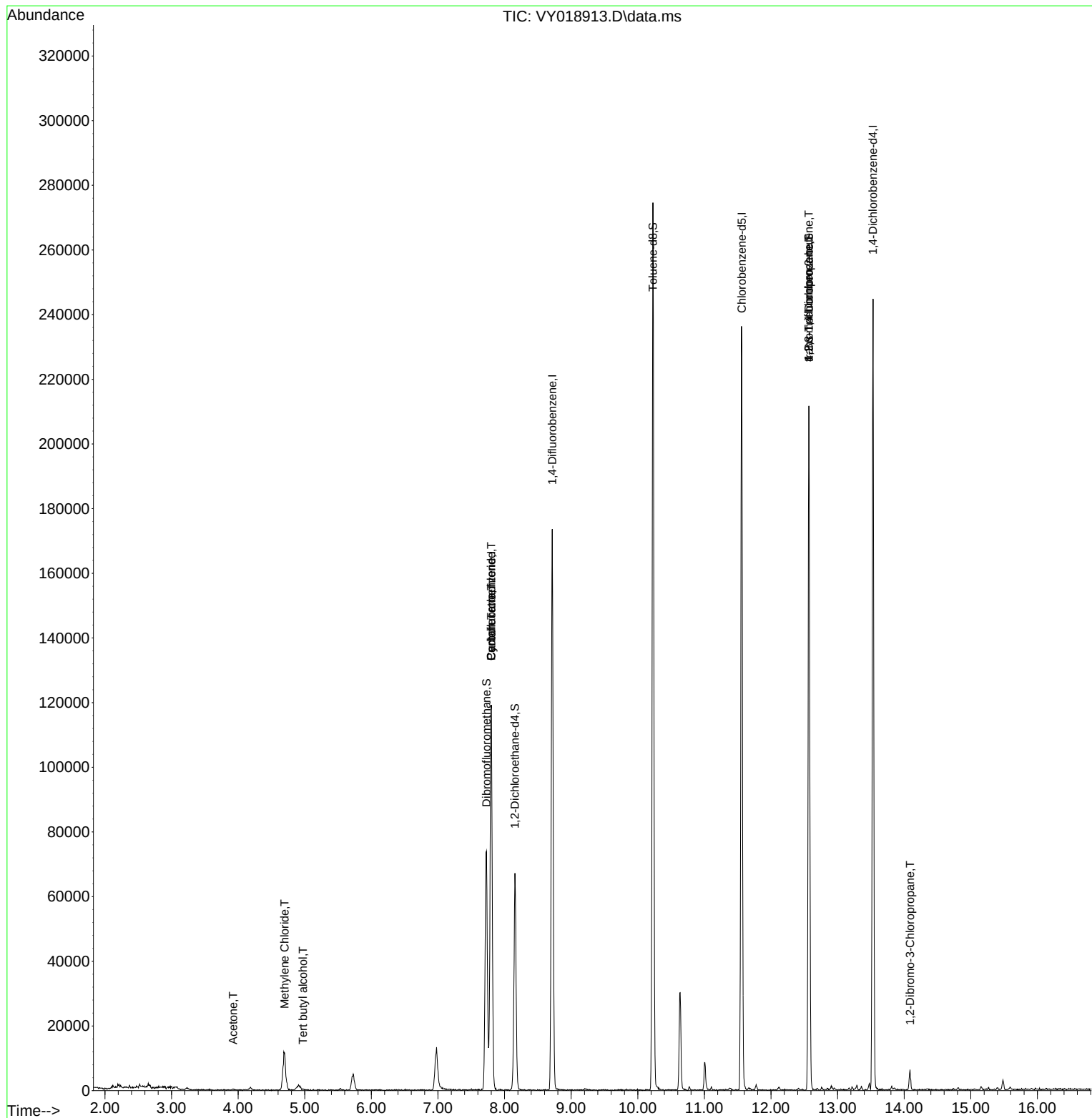
Internal Standards						
1) Pentafluorobenzene	7.801	168	96091	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	153147	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.563	117	133333	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.532	152	63064	50.000	ug/l	0.11
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	50590	53.503	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.728	113	52369	54.597	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.200%	
50) Toluene-d8	10.228	98	177267	48.780	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	12.569	95	59292	47.777	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	113	1.180	ug/l #	88
16) Acetone	3.924	43	282	1.618	ug/l #	36
20) Methylene Chloride	4.698	84	8527	4.078	ug/l	95
31) Cyclohexane	7.801	56	2128	1.465	ug/l #	66
38) Carbon Tetrachloride	7.801	117	9622	6.035	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	33313	67.445	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	33313	150.946	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.087	75	125	1.060	ug/l #	1

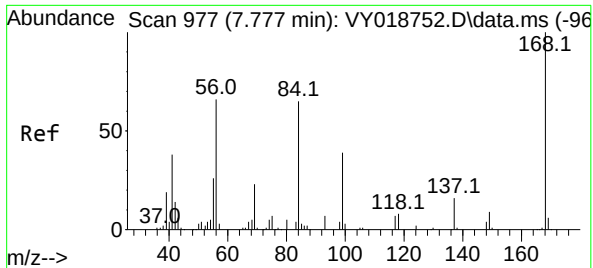
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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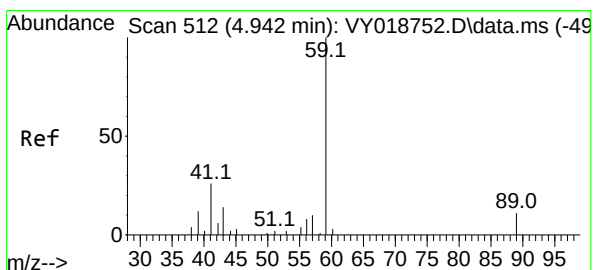
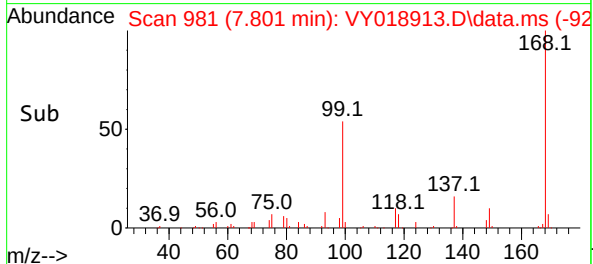
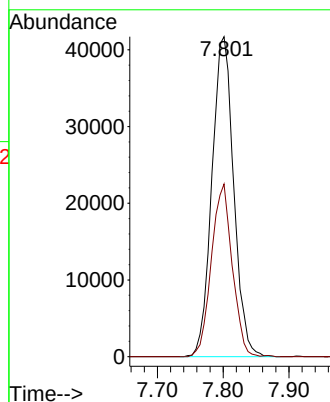
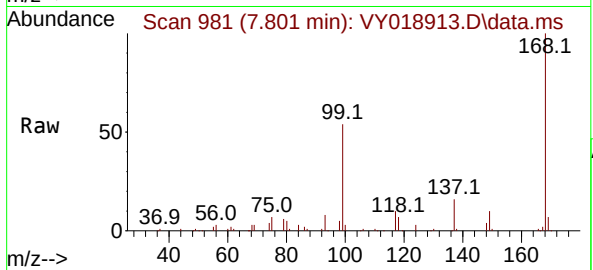




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

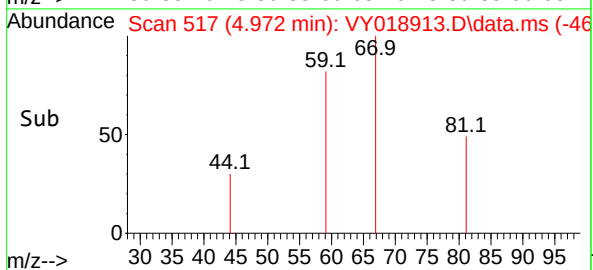
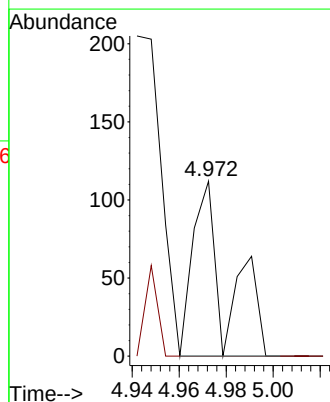
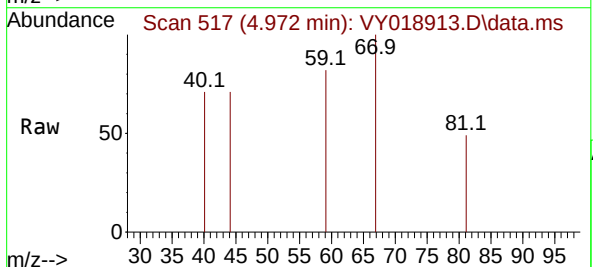
Instrument :
MSVOA_Y
ClientSampleId :

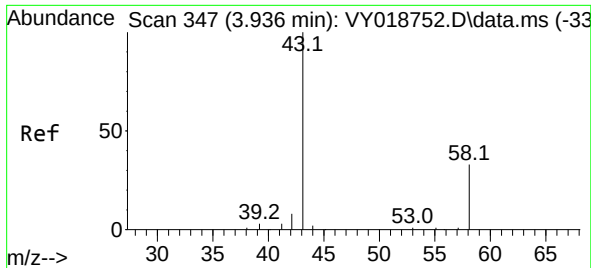
Tgt Ion:168 Resp: 96091
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.180 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.030 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.618 ug/l

RT: 3.924 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY018913.D

Acq: 25 Jul 2024 12:21

Instrument :

MSVOA_Y

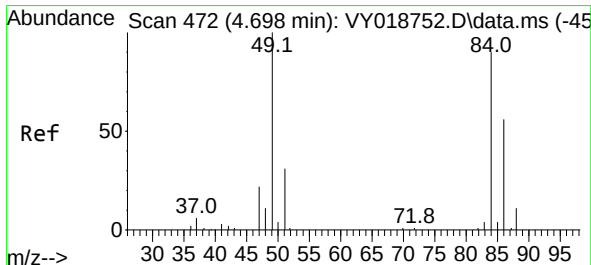
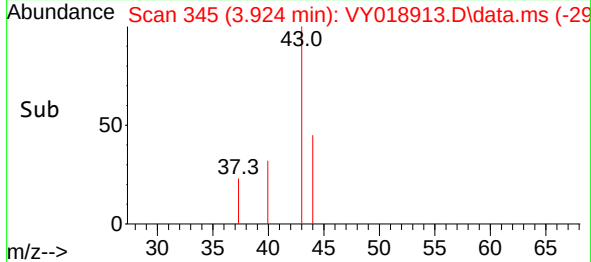
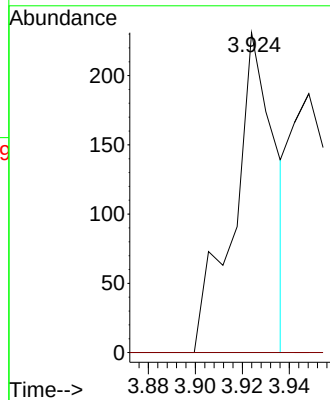
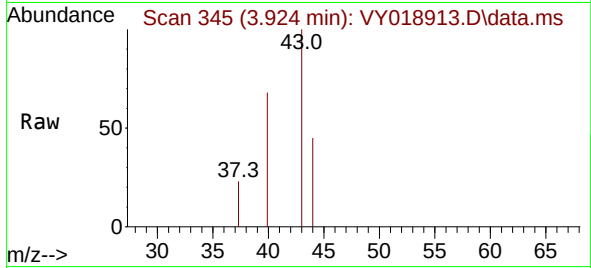
ClientSampleId :

Tgt Ion: 43 Resp: 282

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 4.078 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018913.D

Acq: 25 Jul 2024 12:21

Tgt Ion: 84 Resp: 8527

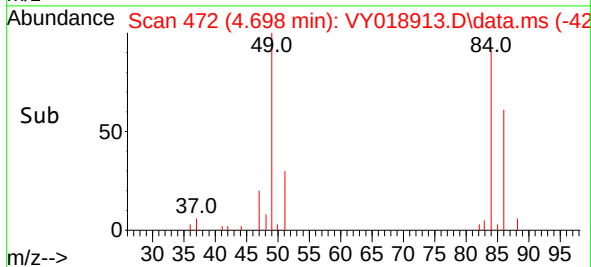
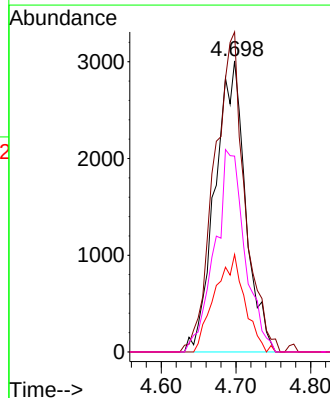
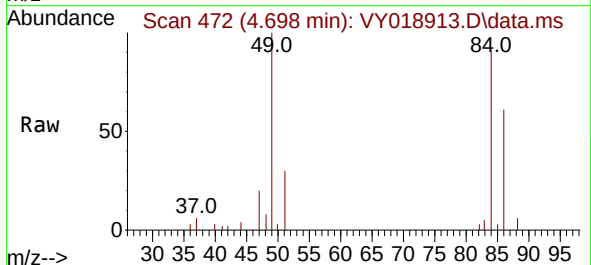
Ion Ratio Lower Upper

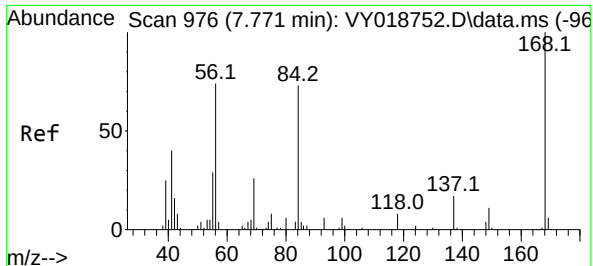
84 100

49 110.0 84.4 126.6

51 33.5 26.0 39.0

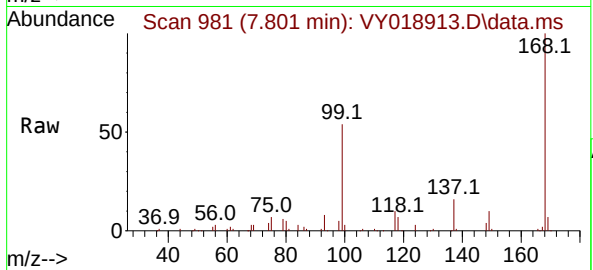
86 67.3 49.5 74.3



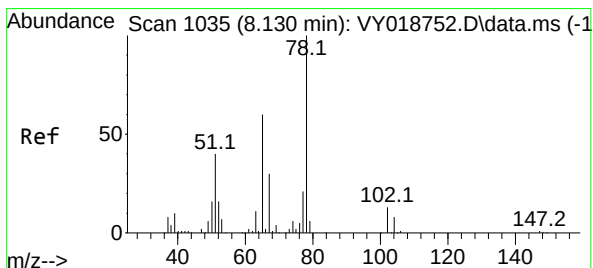
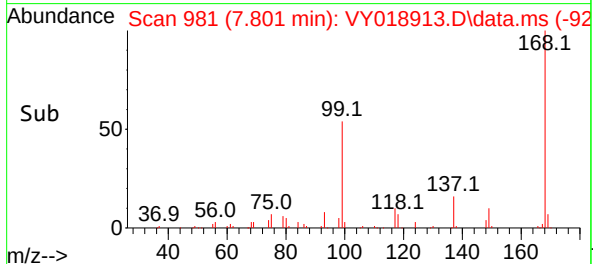
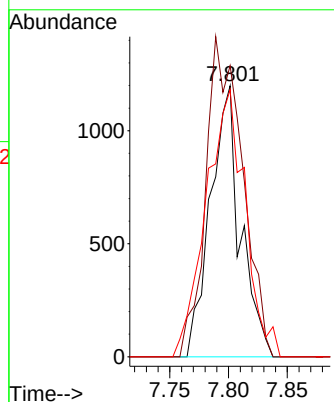


#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

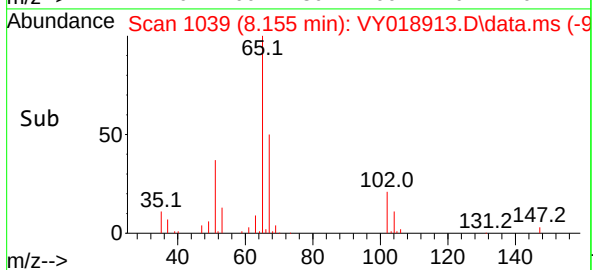
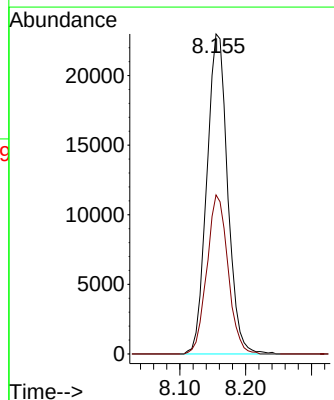
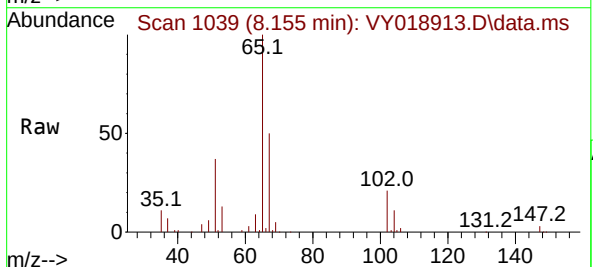


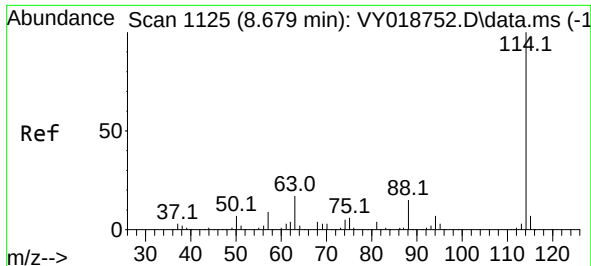
Tgt Ion: 56 Resp: 2128
Ion Ratio Lower Upper
56 100
69 107.4 28.7 43.1#
84 98.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.503 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.025 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion: 65 Resp: 50590
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.037 min

Lab File: VY018913.D

Acq: 25 Jul 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

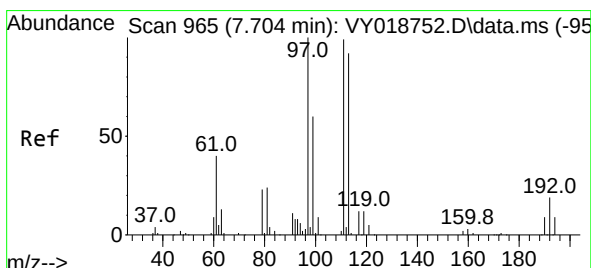
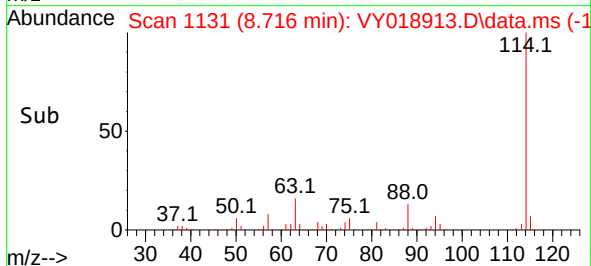
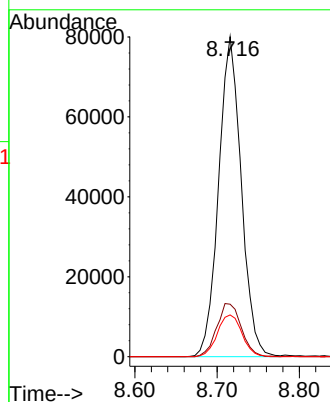
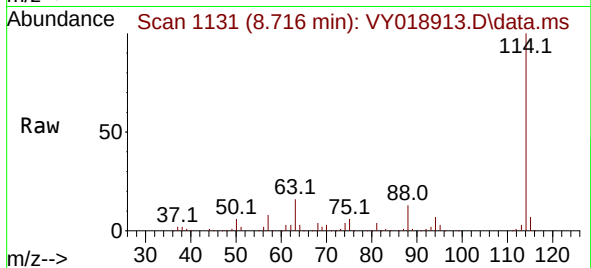
Tgt Ion:114 Resp: 153147

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.597 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.025 min

Lab File: VY018913.D

Acq: 25 Jul 2024 12:21

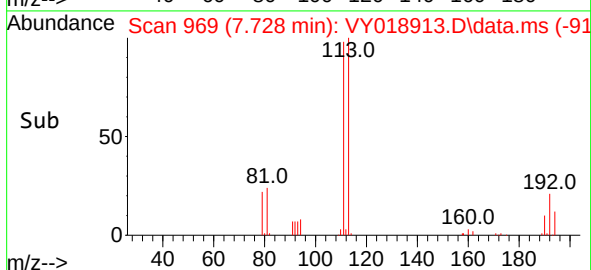
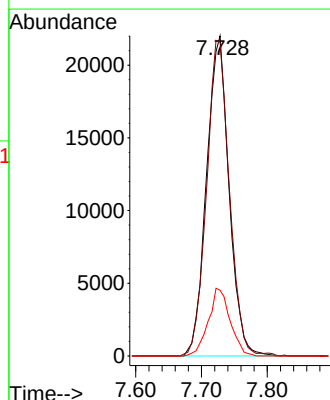
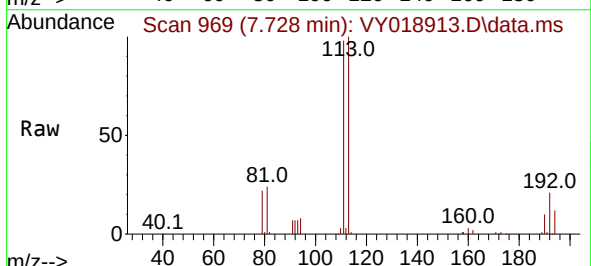
Tgt Ion:113 Resp: 52369

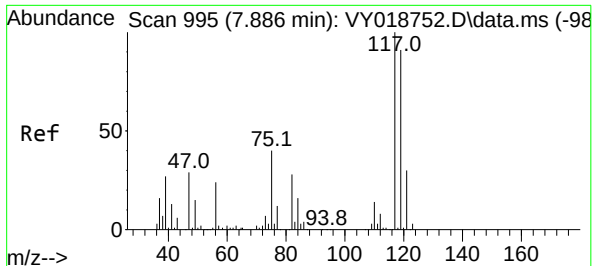
Ion Ratio Lower Upper

113 100

111 99.6 82.2 123.4

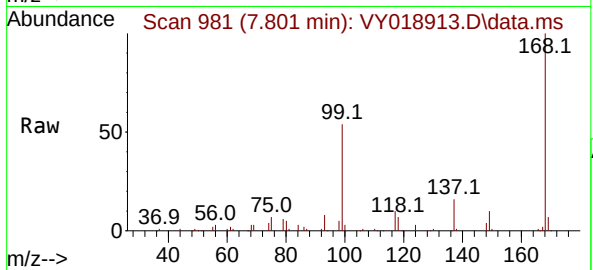
192 20.4 15.9 23.9



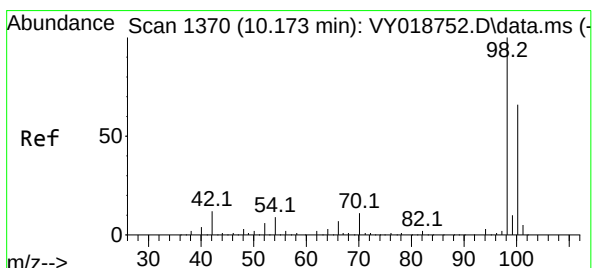
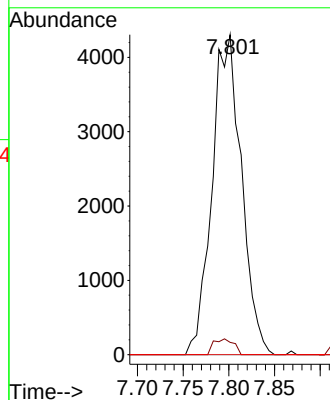
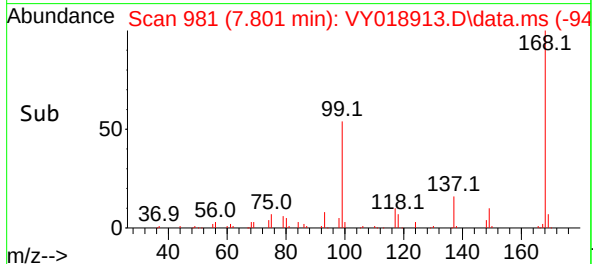


#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.085 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

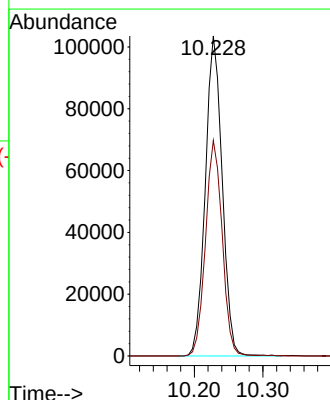
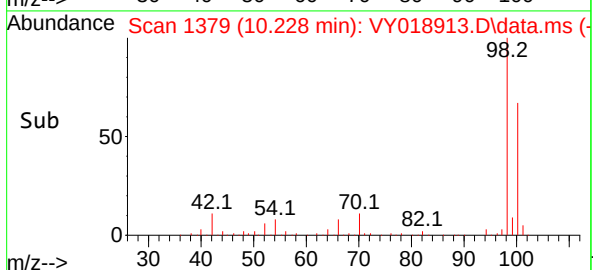
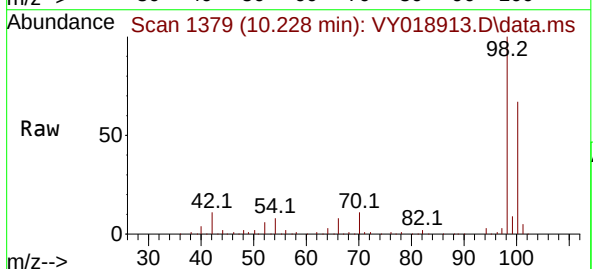


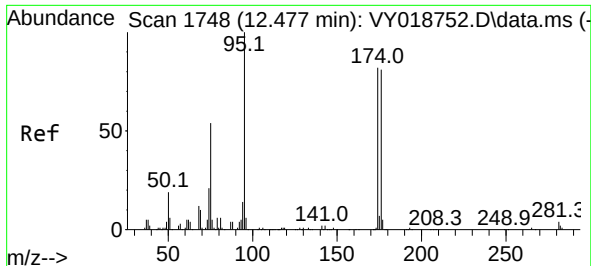
Tgt Ion:117 Resp: 9622
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.780 ug/l
RT: 10.228 min Scan# 1379
Delta R.T. 0.055 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion: 98 Resp: 177267
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

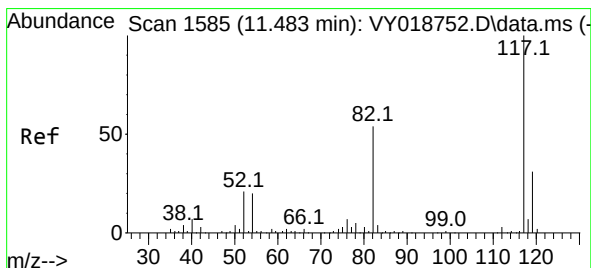
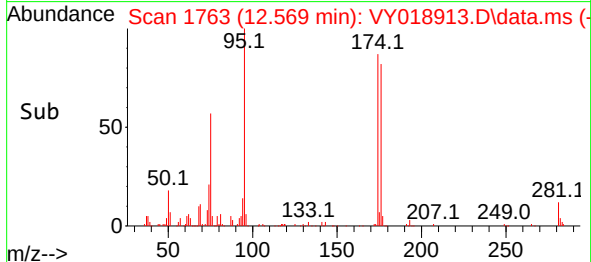
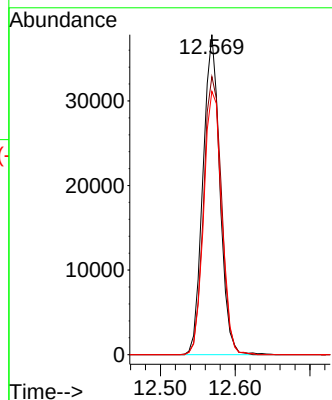
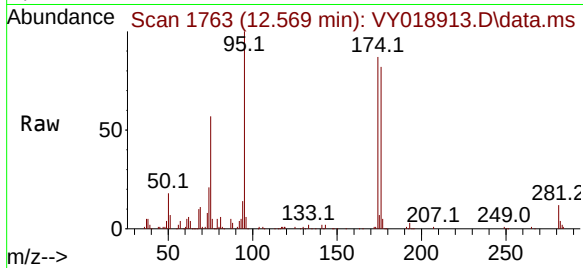




#62
4-Bromofluorobenzene
Concen: 47.777 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.092 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

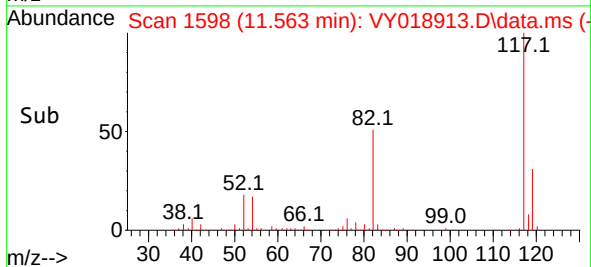
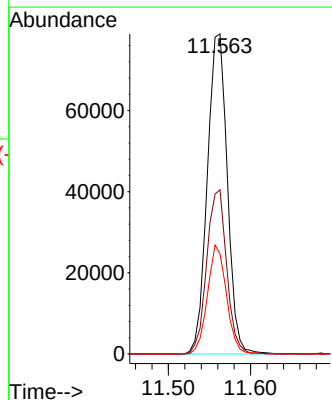
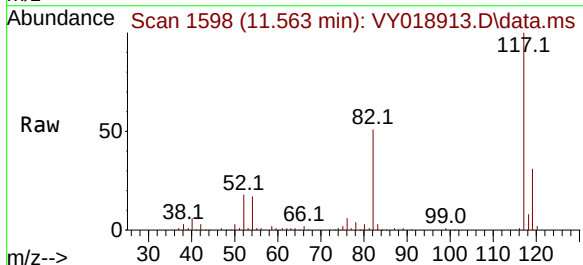
Instrument :
MSVOA_Y
ClientSampleId :

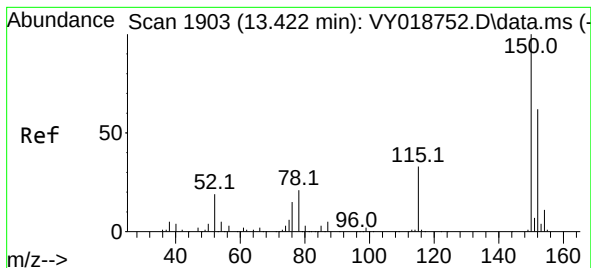
Tgt Ion: 95 Resp: 59292
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 87.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 1598
Delta R.T. 0.079 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion: 117 Resp: 133333
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.532 min Scan# 1903

Delta R.T. 0.110 min

Lab File: VY018913.D

Acq: 25 Jul 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

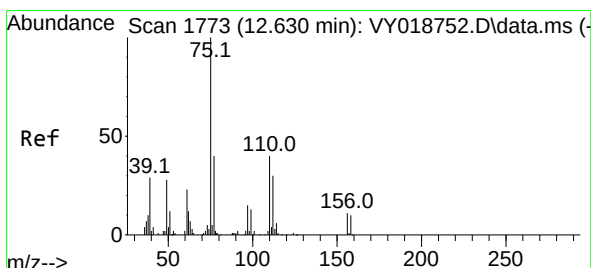
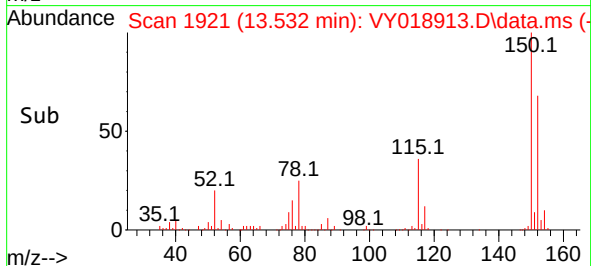
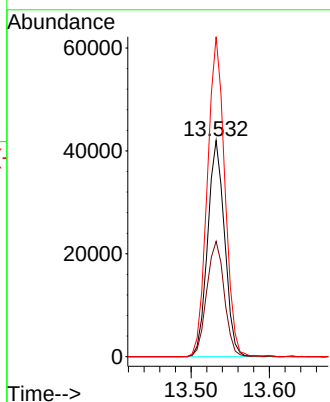
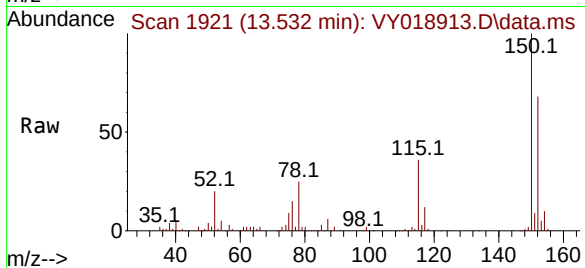
Tgt Ion:152 Resp: 63064

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 152.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.445 ug/l

RT: 12.569 min Scan# 1763

Delta R.T. -0.061 min

Lab File: VY018913.D

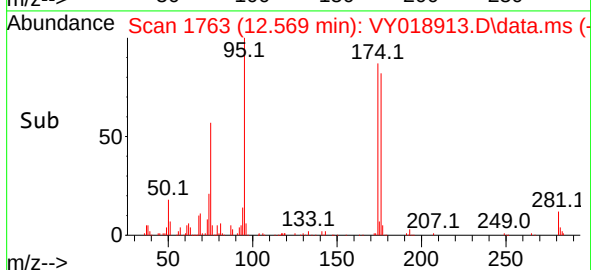
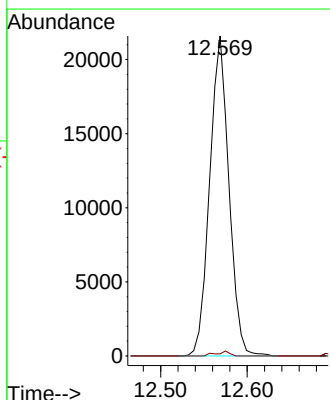
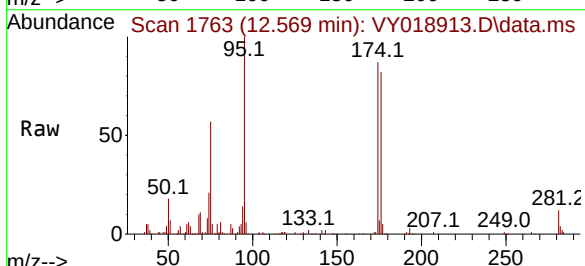
Acq: 25 Jul 2024 12:21

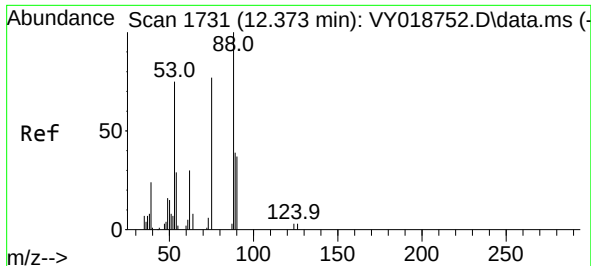
Tgt Ion: 75 Resp: 33313

Ion Ratio Lower Upper

75 100

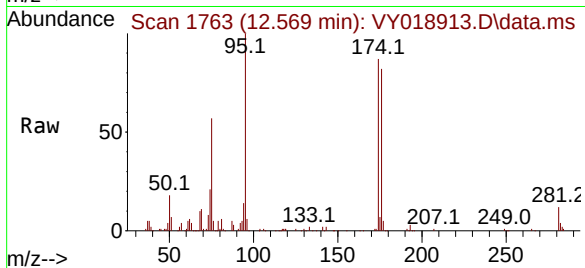
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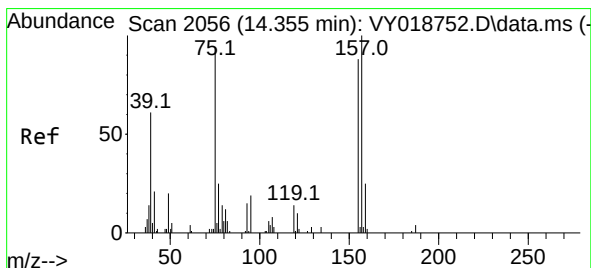
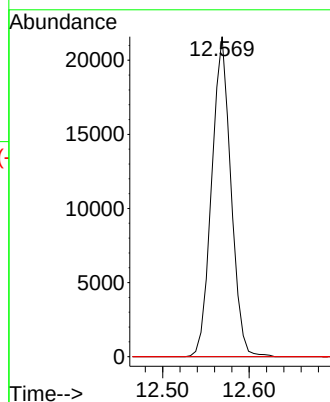
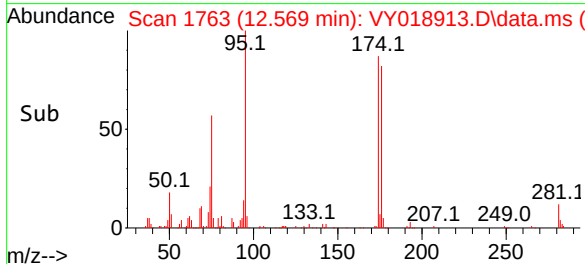


#81
trans-1,4-Dichloro-2-butene
Concen: 150.946 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.195 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 33313
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.060 ug/l
RT: 14.087 min Scan# 2012
Delta R.T. -0.268 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion: 75 Resp: 125
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

