

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020256.D
 Acq On : 11 Nov 2024 18:19
 Operator : SY/MD
 Sample : P4796-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 12 03:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

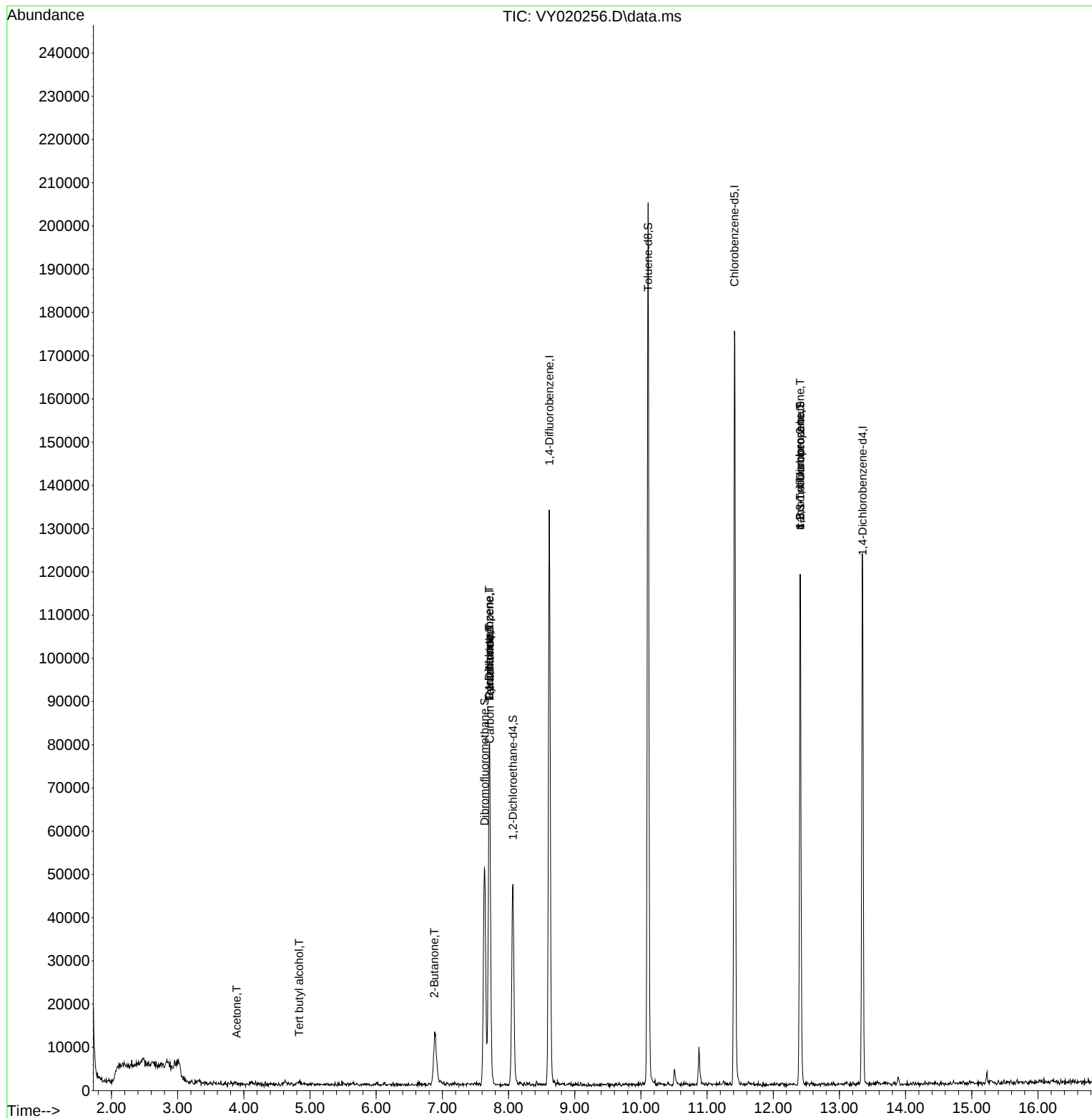
Internal Standards						
1) Pentafluorobenzene	7.713	168	55021	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	103993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	28003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	36838	53.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.300%	
35) Dibromofluoromethane	7.640	113	36413	55.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.109	98	126884	48.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	12.408	95	34077	39.863	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	1003	20.306	ug/l	# 88
16) Acetone	3.891	43	319	1.998	ug/l	# 36
25) 2-Butanone	6.878	43	862	3.982	ug/l	# 41
31) Cyclohexane	7.707	56	1567	1.257	ug/l	# 42
36) 1,1-Dichloropropene	7.707	75	5999	5.873	ug/l	# 48
38) Carbon Tetrachloride	7.720	117	6687	6.511	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	20589	78.435	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	20589	168.710	ug/l	# 16

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

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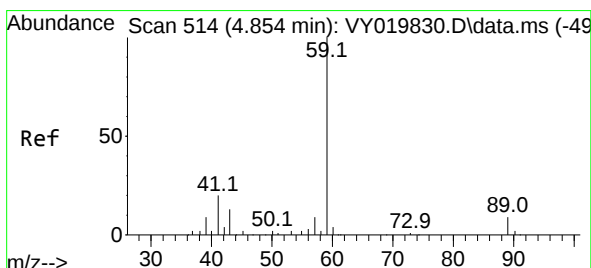
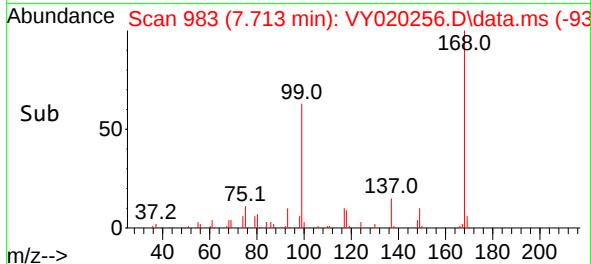
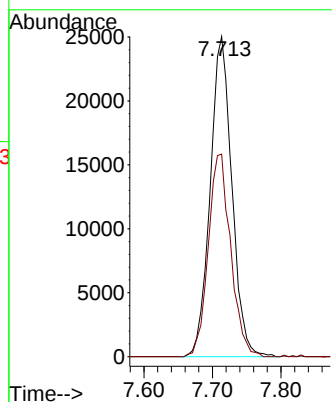
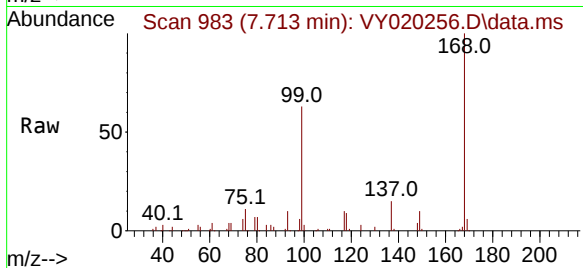




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

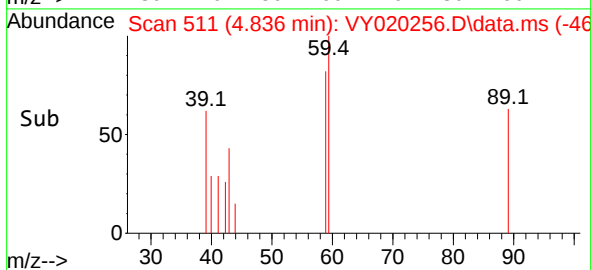
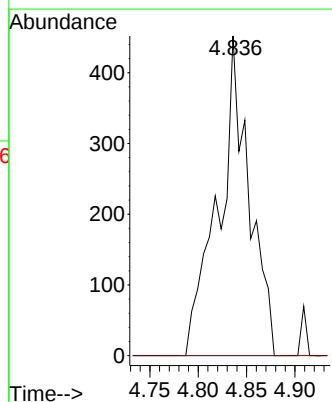
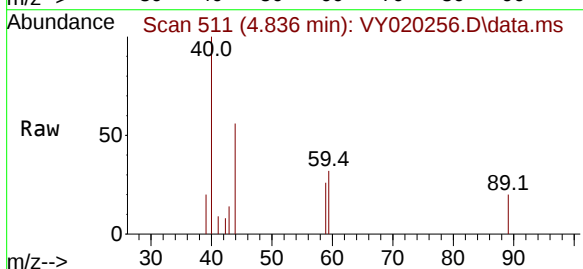
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 55021
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 20.306 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

Tgt Ion: 59 Resp: 1003
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

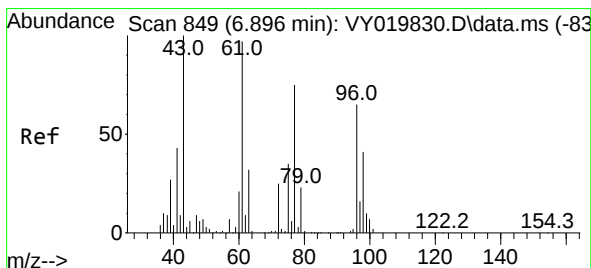
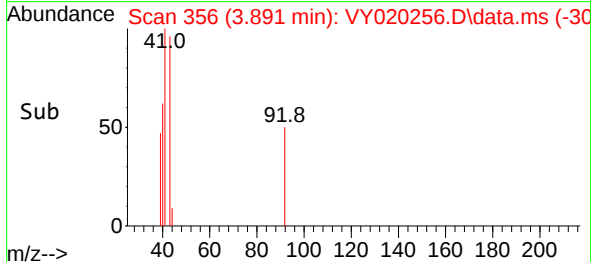
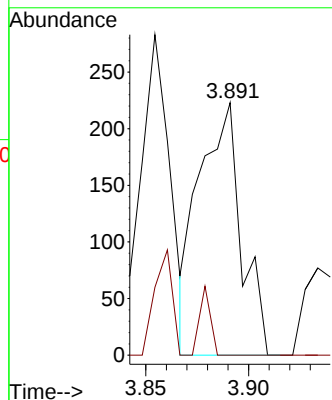
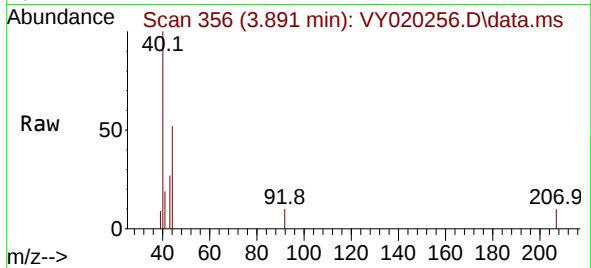




#16
Acetone
Concen: 1.998 ug/l
RT: 3.891 min Scan# 319
Delta R.T. 0.019 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

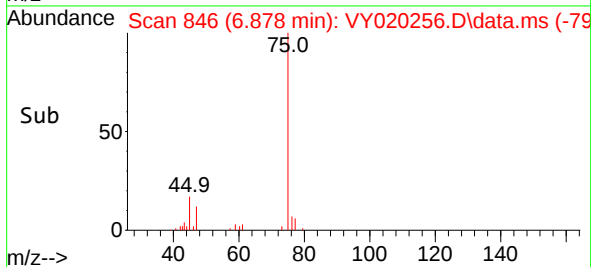
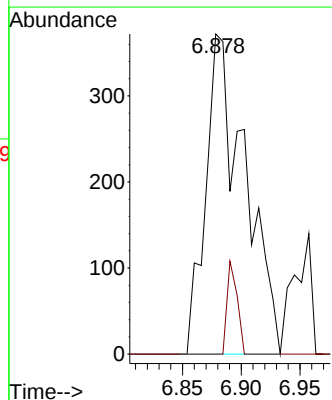
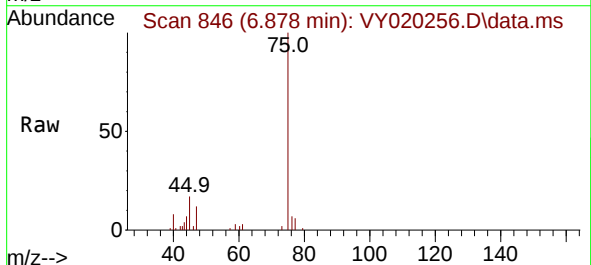
Instrument :
MSVOA_Y
ClientSampleId :

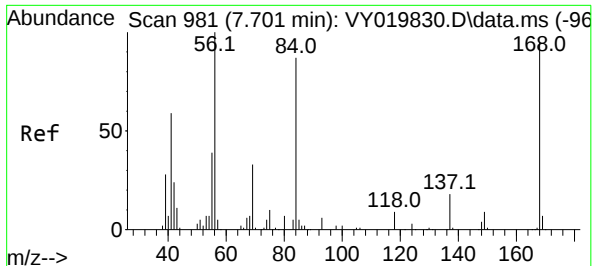
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#25
2-Butanone
Concen: 3.982 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

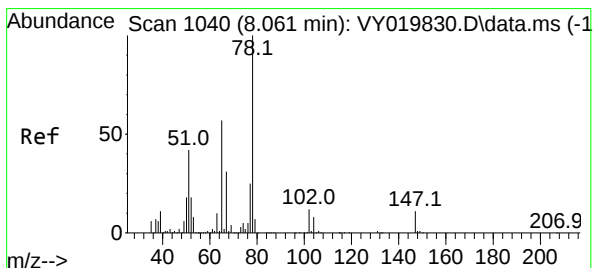
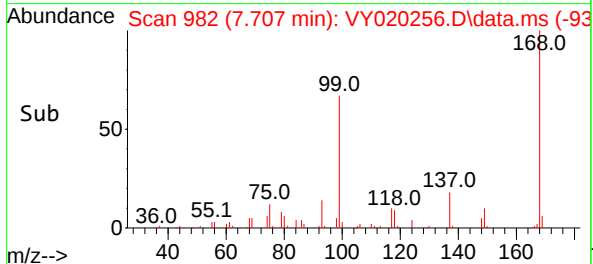
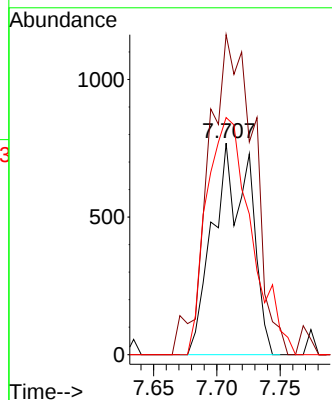
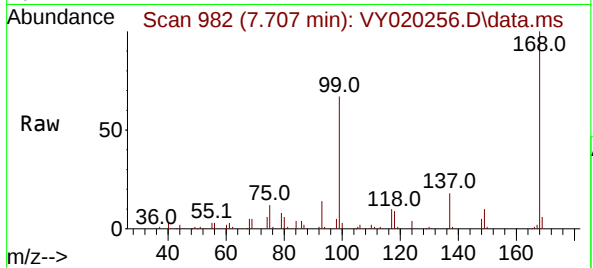




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

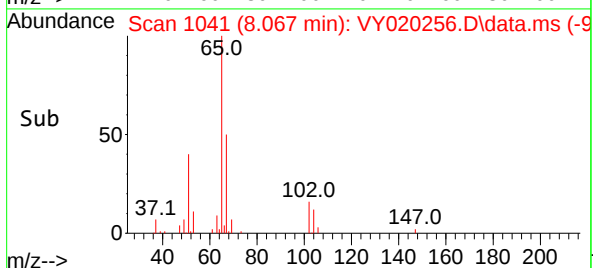
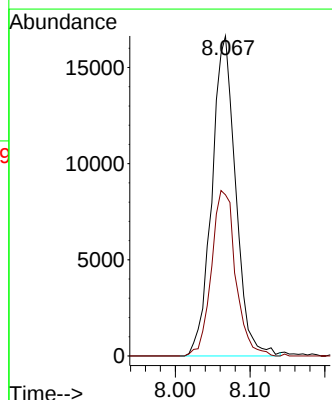
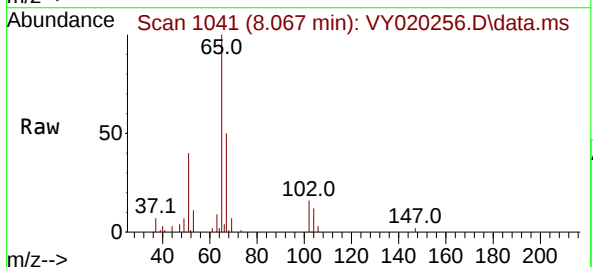
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 1567
Ion Ratio Lower Upper
56 100
69 138.6 28.7 43.1#
84 112.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.645 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

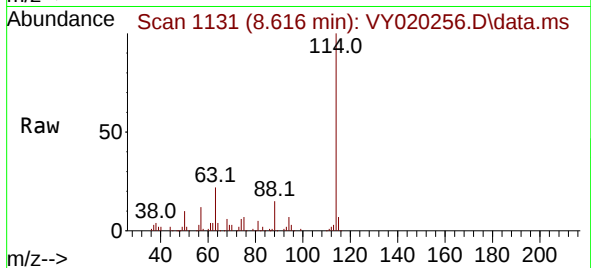
Tgt Ion: 65 Resp: 36838
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6



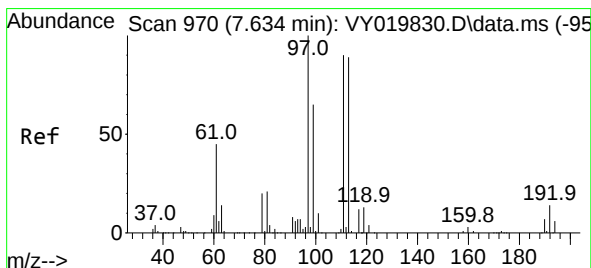
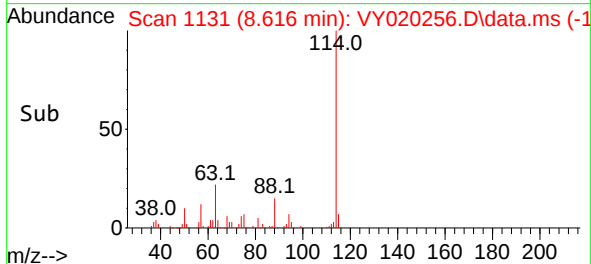
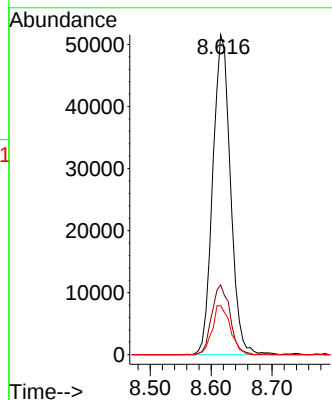


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

Instrument :
MSVOA_Y
ClientSampleId :

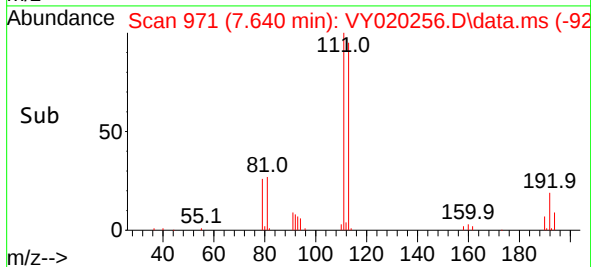
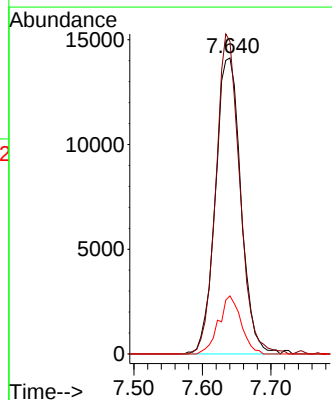
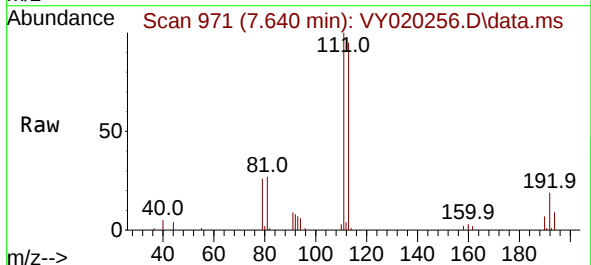


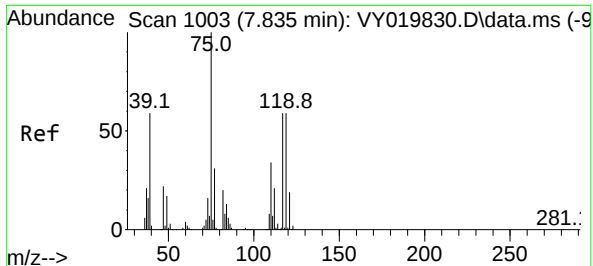
Tgt Ion:114 Resp: 103993
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.073 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

Tgt Ion:113 Resp: 36413
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.873 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

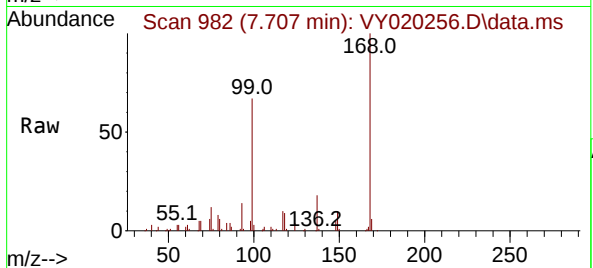
Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :



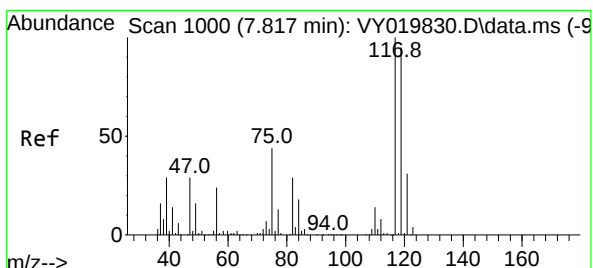
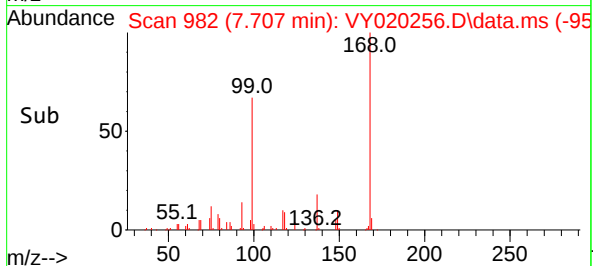
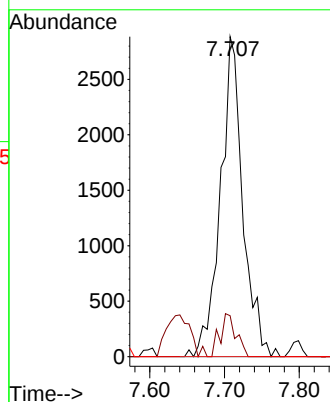
Tgt Ion: 75 Resp: 5999

Ion Ratio Lower Upper

75 100

110 9.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.511 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.097 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

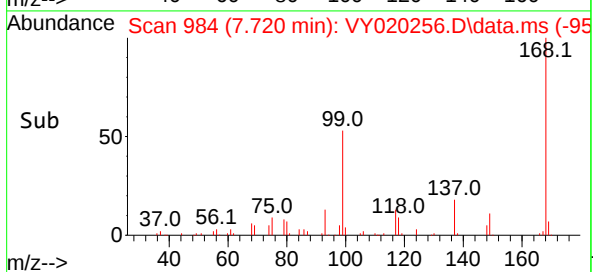
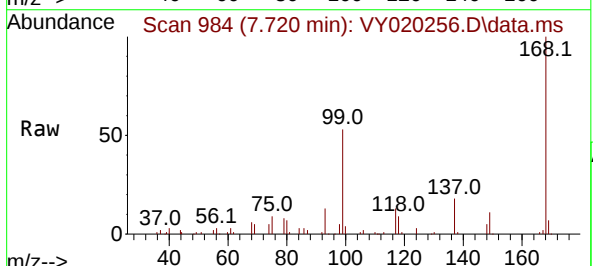
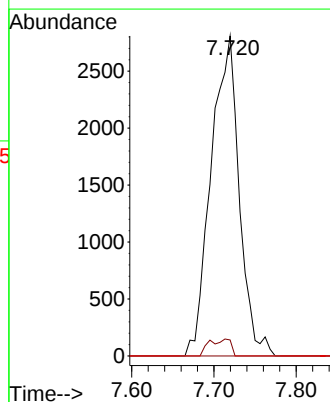
Tgt Ion: 117 Resp: 6687

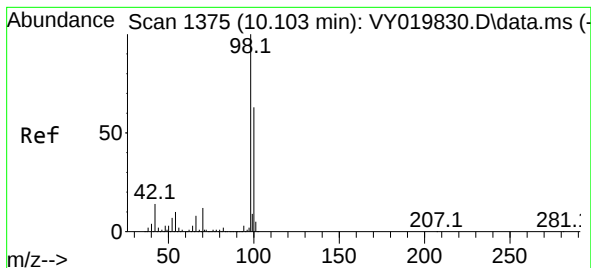
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.211 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

Instrument :

MSVOA_Y

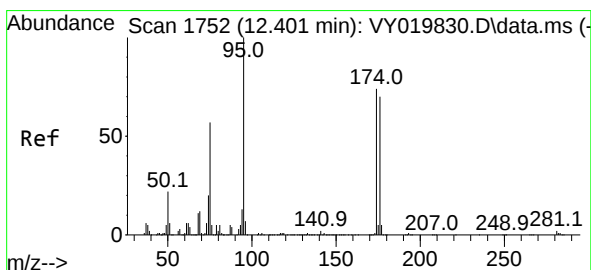
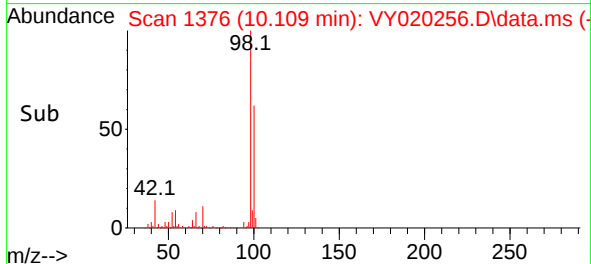
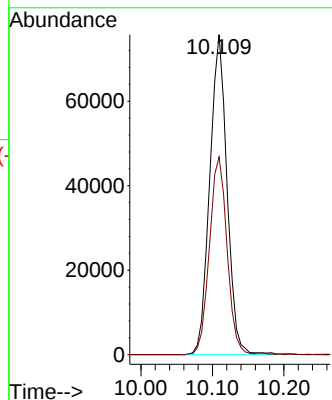
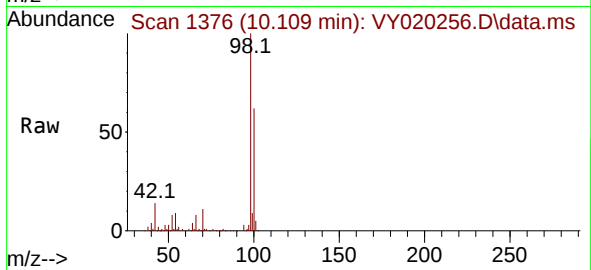
ClientSampleId :

Tgt Ion: 98 Resp: 126884

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.863 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

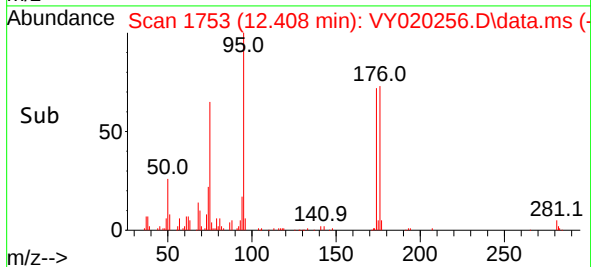
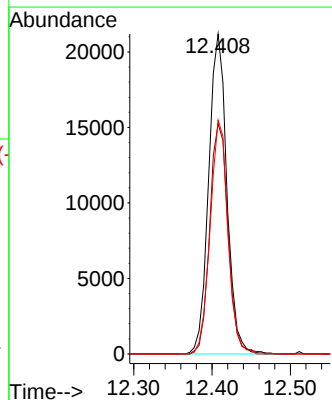
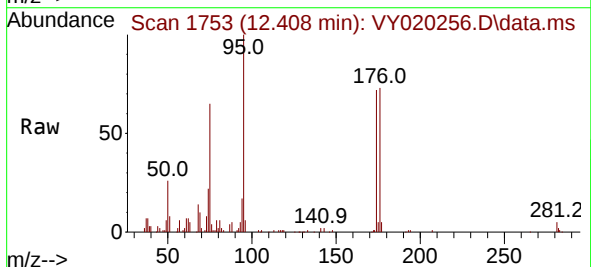
Tgt Ion: 95 Resp: 34077

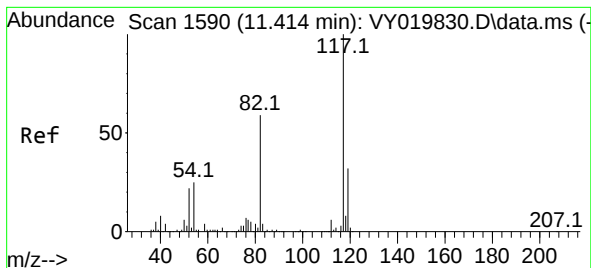
Ion Ratio Lower Upper

95 100

174 72.8 0.0 175.6

176 71.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020256.D

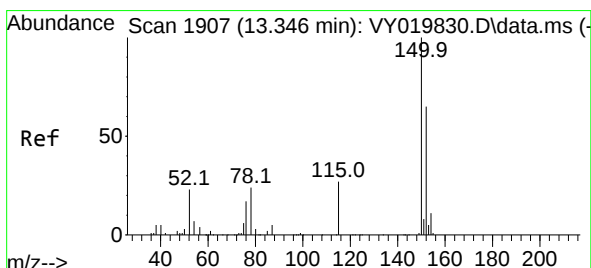
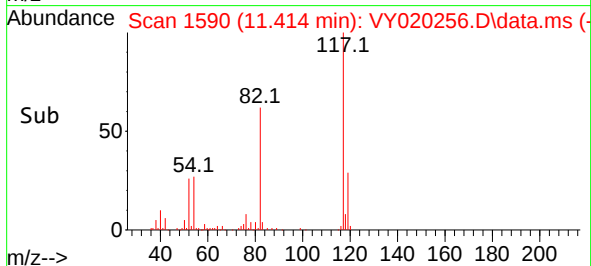
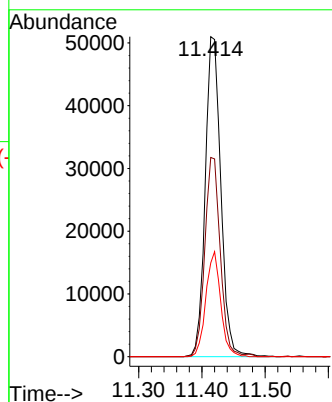
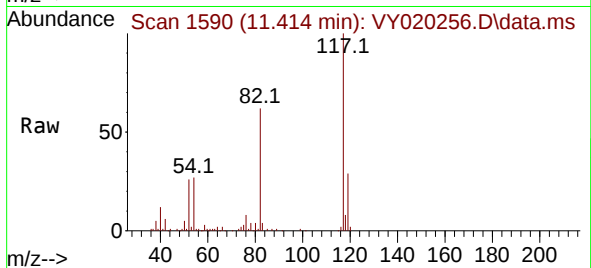
Acq: 11 Nov 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	87574
Ion Ratio	Lower	Upper
117	100	
82	62.2	42.4 63.6
119	29.3	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

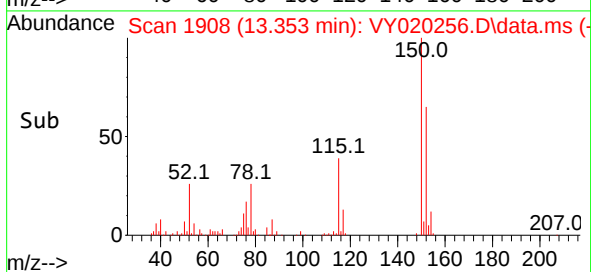
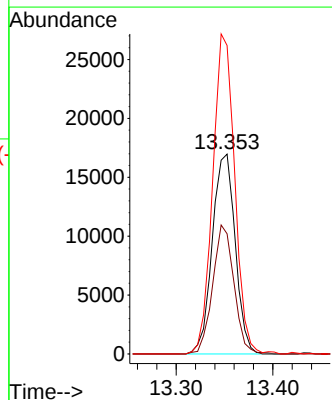
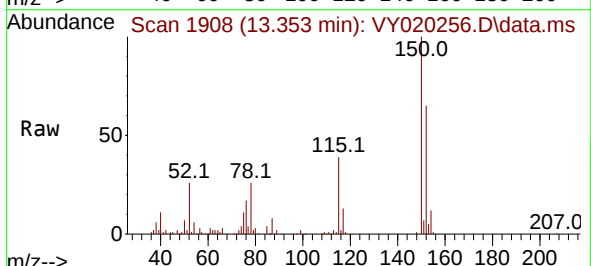
RT: 13.353 min Scan# 1908

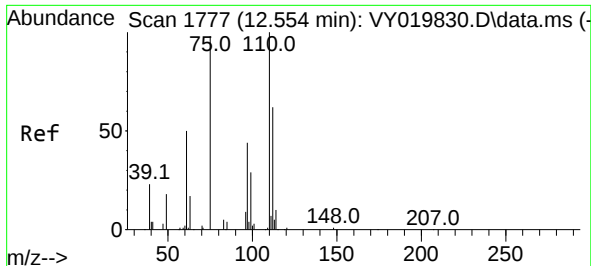
Delta R.T. 0.007 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

Tgt Ion:152	Resp:	28003
Ion Ratio	Lower	Upper
152	100	
115	59.5	28.2 84.7
150	153.0	0.0 345.6

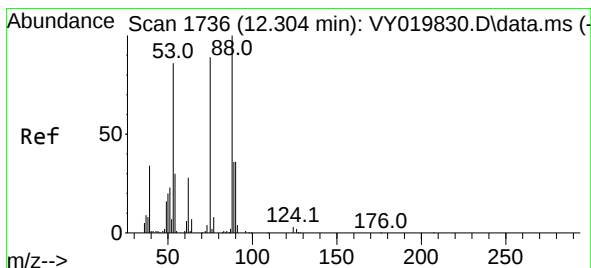
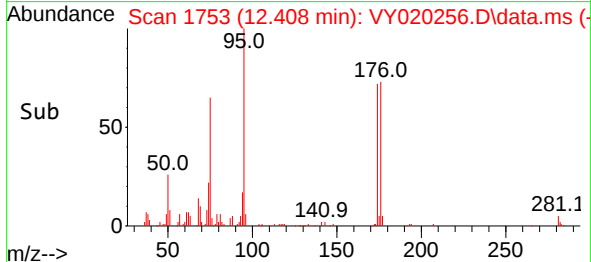
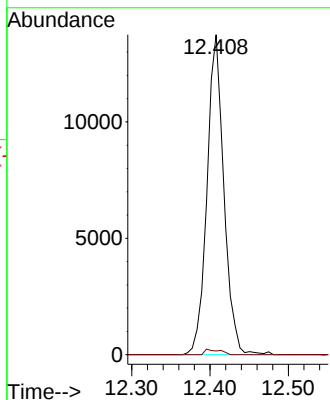
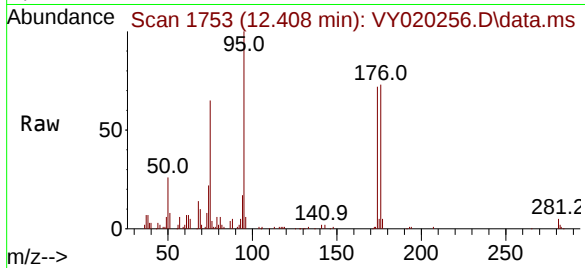




#76
1,2,3-Trichloropropane
Concen: 78.435 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20589
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 168.710 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

Tgt Ion: 75 Resp: 20589
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

