

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020382.D
 Acq On : 21 Nov 2024 13:23
 Operator : SY/MD
 Sample : P4929-01
 Misc : 2.54g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:23:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

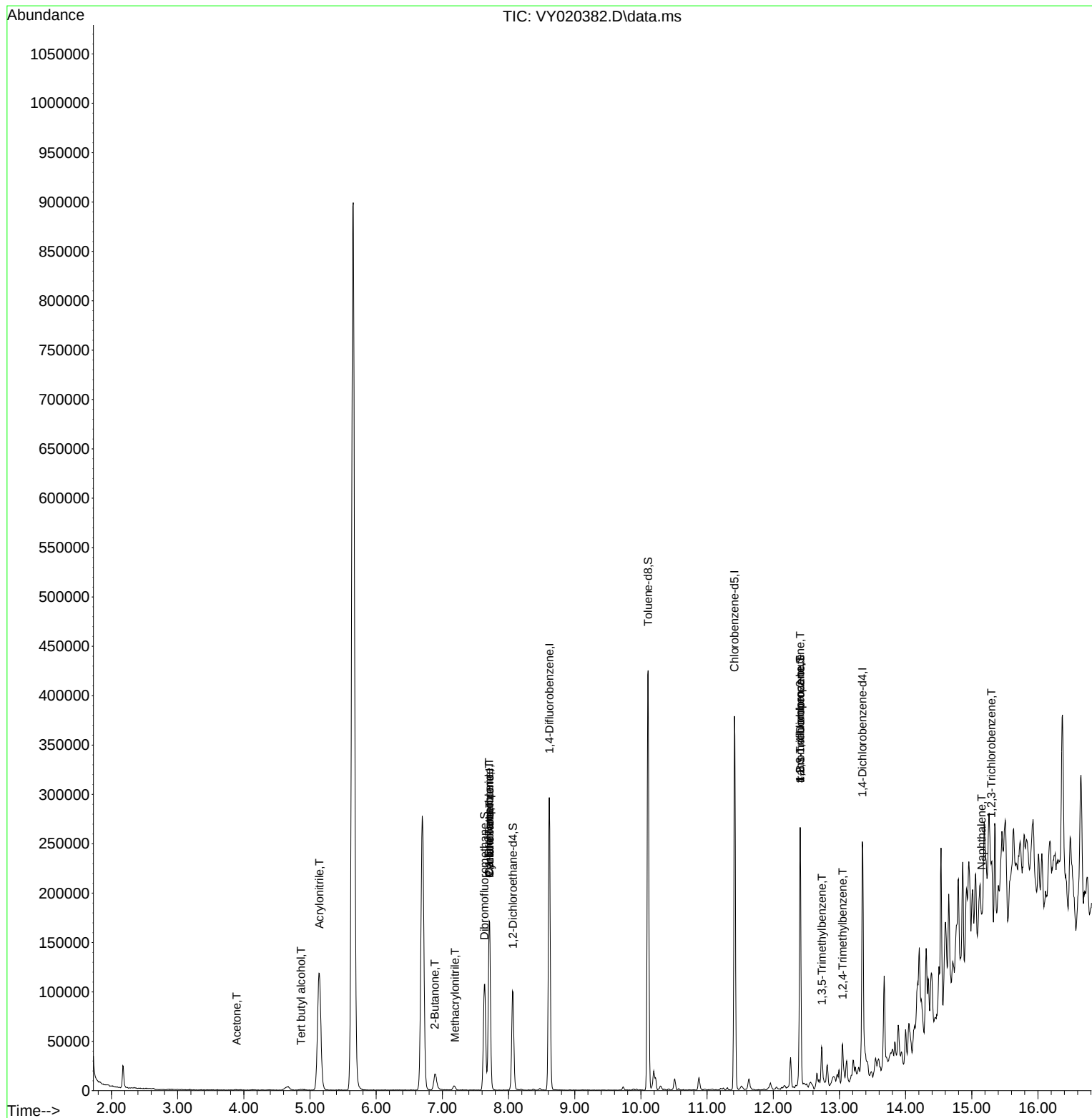
Internal Standards						
1) Pentafluorobenzene	7.713	168	125145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	236487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	190022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	56108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81339	56.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.140%	
35) Dibromofluoromethane	7.634	113	76576	50.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.109	98	274732	45.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.980%	
62) 4-Bromofluorobenzene	12.408	95	75717	39.430	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.178	50	1163	Below Cal		91
11) Tert butyl alcohol	4.866	59	1786	14.975 ug/l	#	73
15) Acrylonitrile	5.141	53	4812	14.898 ug/l	#	44
16) Acetone	3.891	43	845	2.452 ug/l		89
25) 2-Butanone	6.884	43	1037	2.337 ug/l	#	50
31) Cyclohexane	7.713	56	3662	1.366 ug/l	#	19
36) 1,1-Dichloropropene	7.707	75	10781	4.655 ug/l	#	51
38) Carbon Tetrachloride	7.707	117	14150	5.851 ug/l	#	15
41) Methacrylonitrile	7.189	41	2277	3.772 ug/l	#	45
76) 1,2,3-Trichloropropane	12.408	75	41337	78.166 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.737	105	5513	1.435 ug/l		97
81) trans-1,4-Dichloro-2-b...	12.408	75	41337	153.163 ug/l	#	9
84) 1,2,4-Trimethylbenzene	13.048	105	19919	5.230 ug/l		100
95) Naphthalene	15.151	128	11092	6.350 ug/l	#	88
96) 1,2,3-Trichlorobenzene	15.297	180	1496	1.725 ug/l	#	1

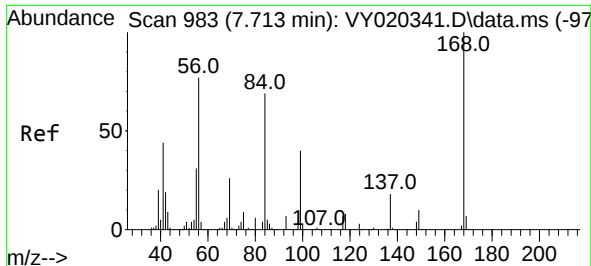
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 00:23:28 2024
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Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

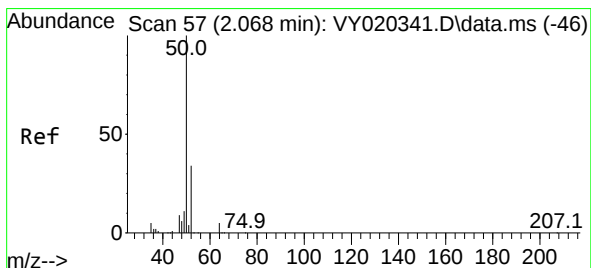
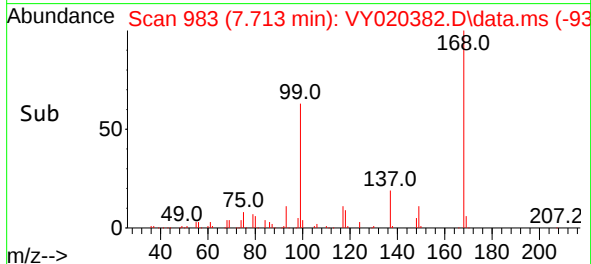
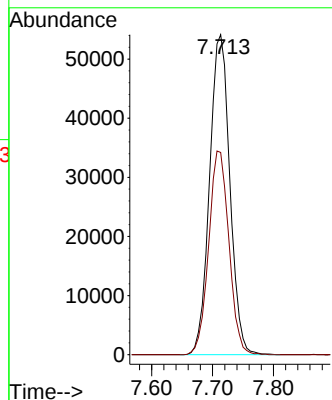
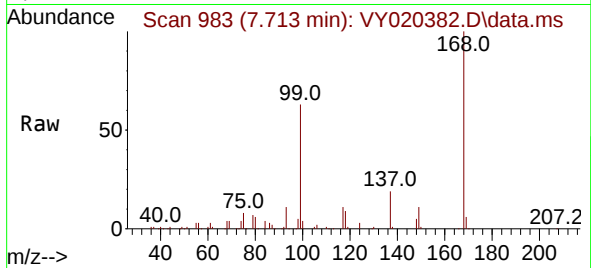




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

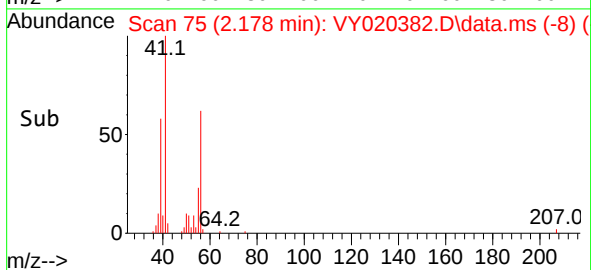
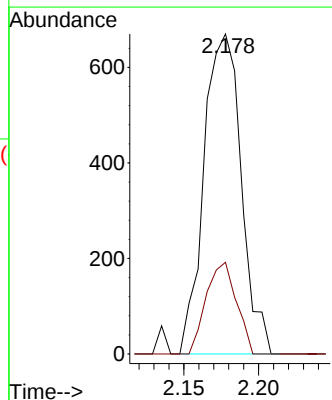
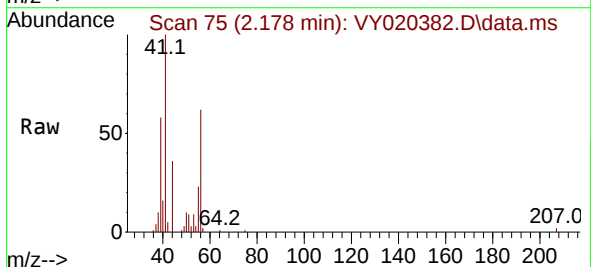
Instrument :
MSVOA_Y
ClientSampleId :

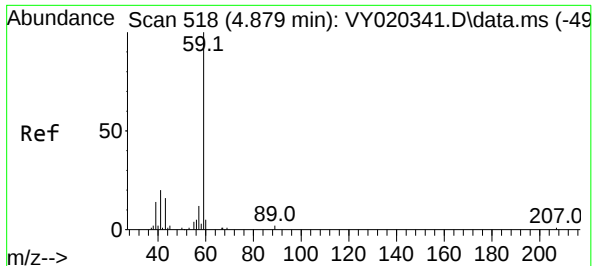
Tgt Ion:168 Resp: 125145
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.178 min Scan# 75
Delta R.T. 0.110 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

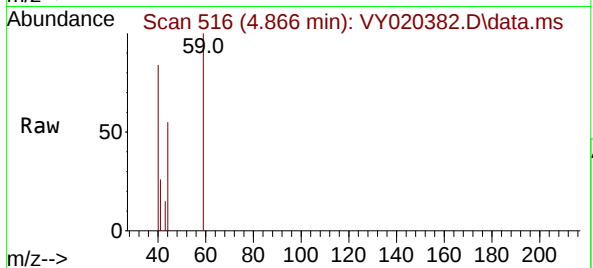
Tgt Ion: 50 Resp: 1163
Ion Ratio Lower Upper
50 100
52 28.7 26.9 40.3



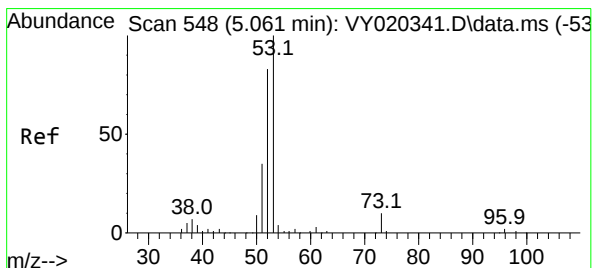
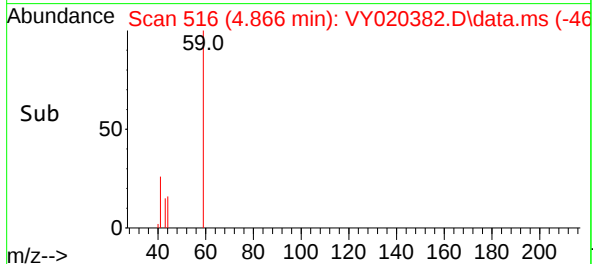
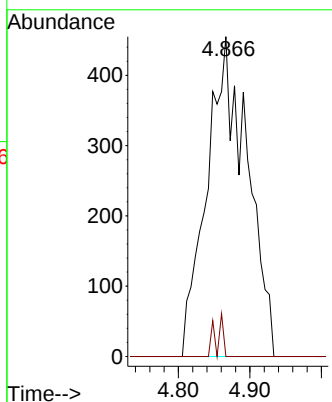


#11
Tert butyl alcohol
Concen: 14.975 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :

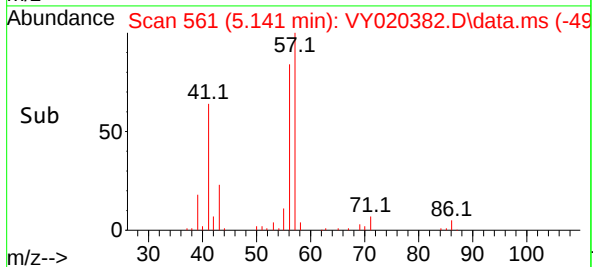
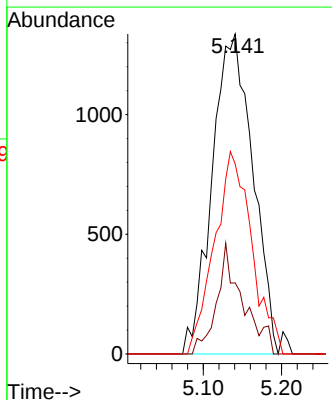
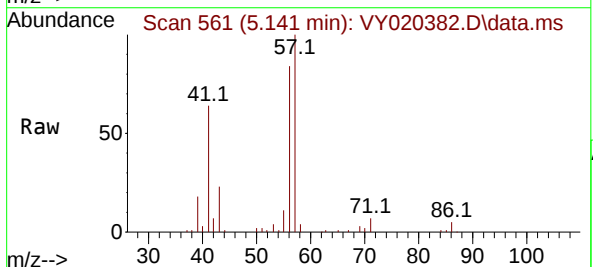


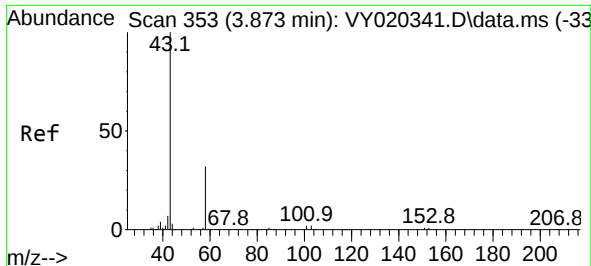
Tgt Ion: 59 Resp: 1786
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#15
Acrylonitrile
Concen: 14.898 ug/l
RT: 5.141 min Scan# 561
Delta R.T. 0.079 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

Tgt Ion: 53 Resp: 4812
Ion Ratio Lower Upper
53 100
52 22.1 65.2 97.8#
51 58.1 30.2 45.4#

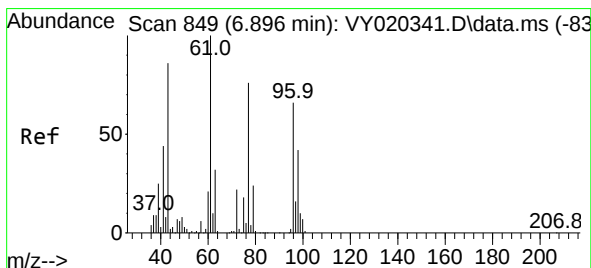
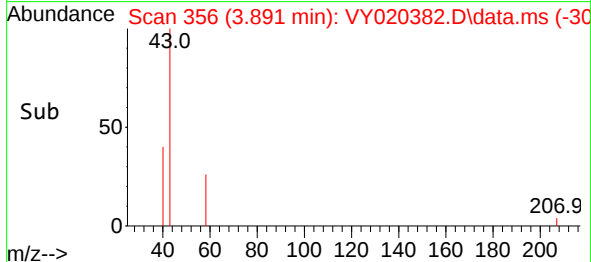
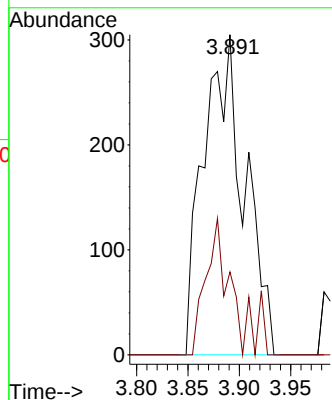
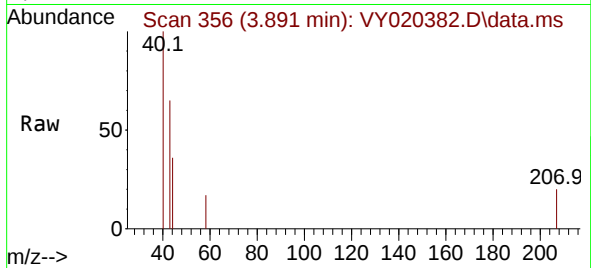




#16
Acetone
Concen: 2.452 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

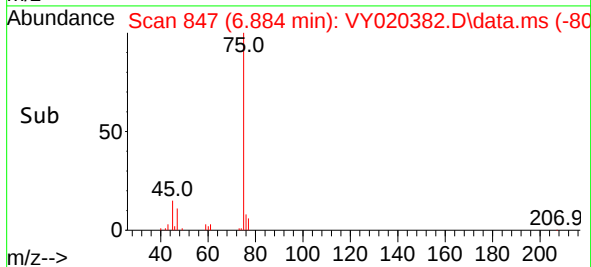
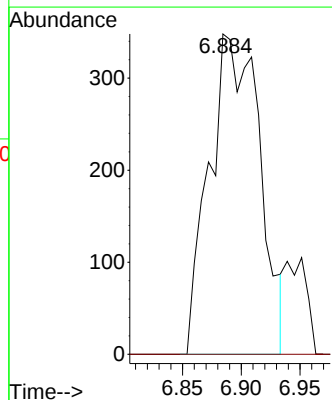
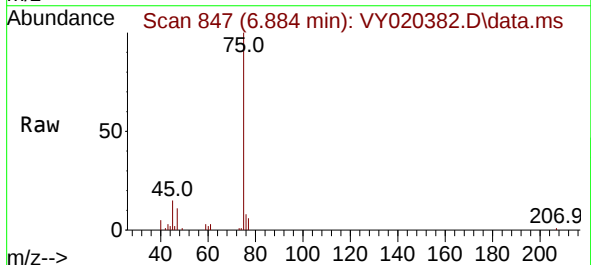
Instrument :
MSVOA_Y
ClientSampleId :

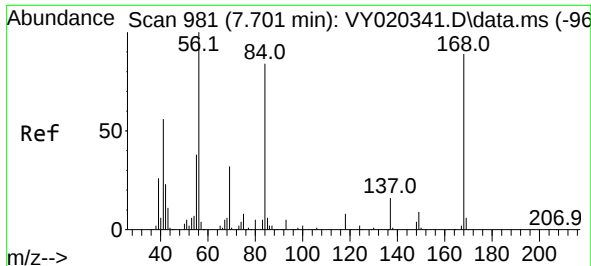
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 25.9 25.7 38.5



#25
2-Butanone
Concen: 2.337 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

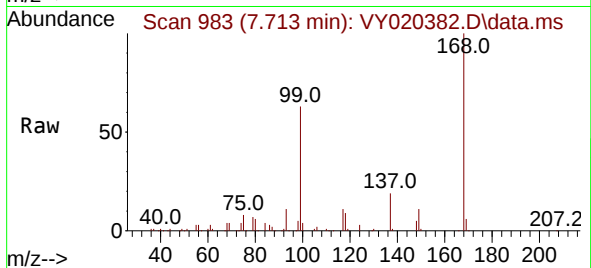
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



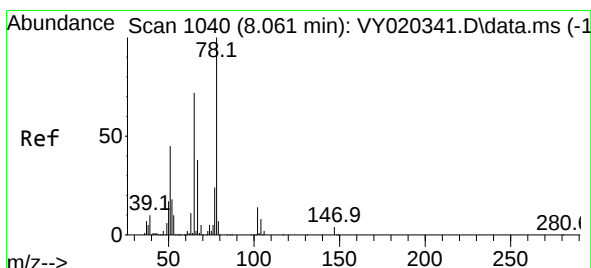
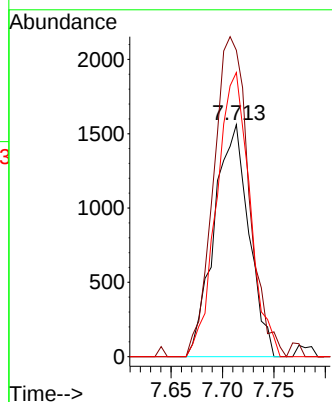
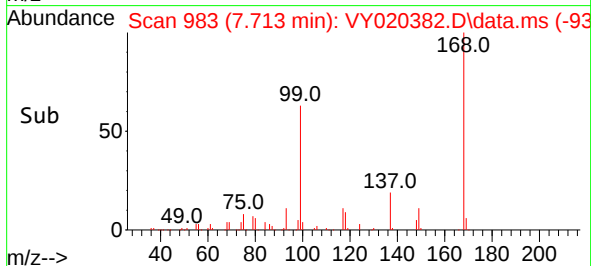


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

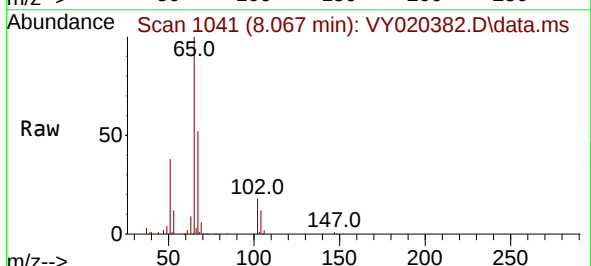
Instrument :
MSVOA_Y
ClientSampleId :



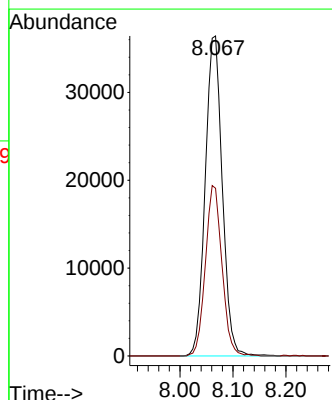
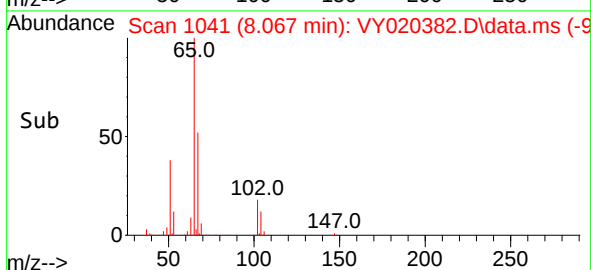
Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 132.0 25.3 37.9#
84 122.5 66.9 100.3#

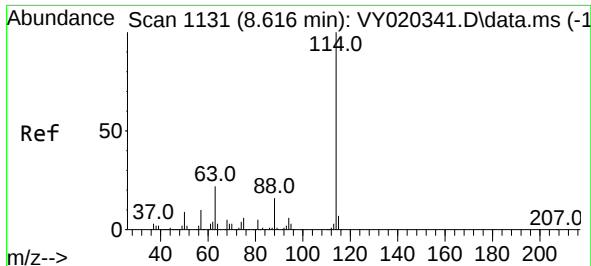


#33
1,2-Dichloroethane-d4
Concen: 56.573 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23



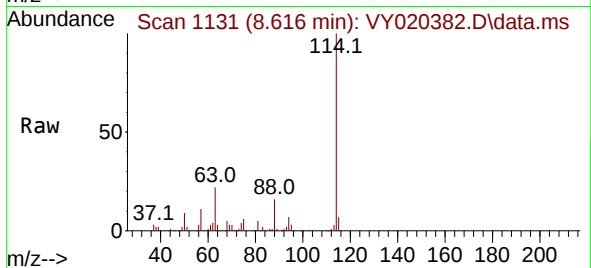
Tgt Ion: 65 Resp: 81339
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8



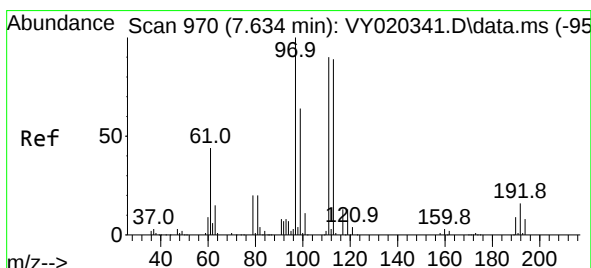
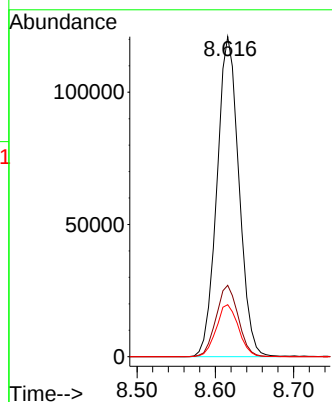
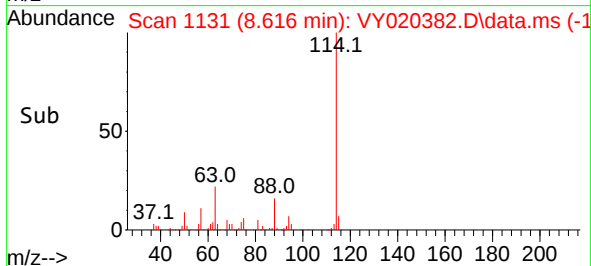


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :

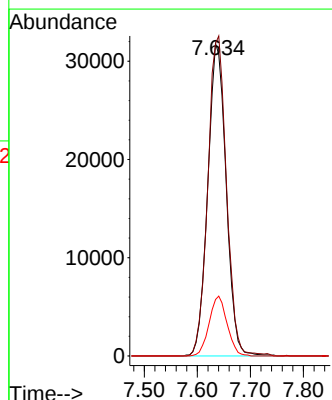
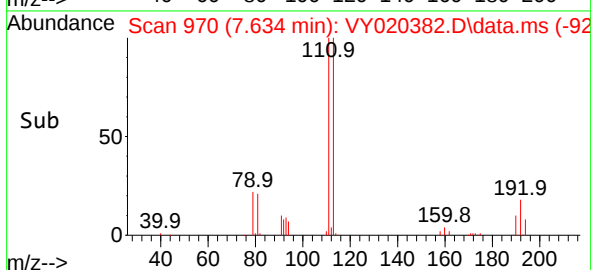
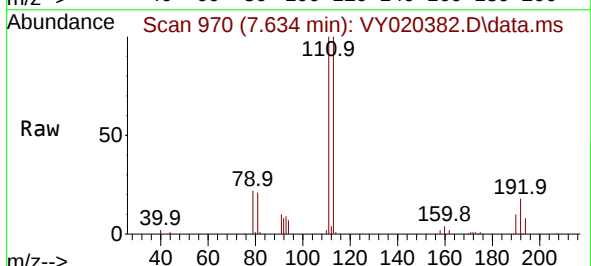


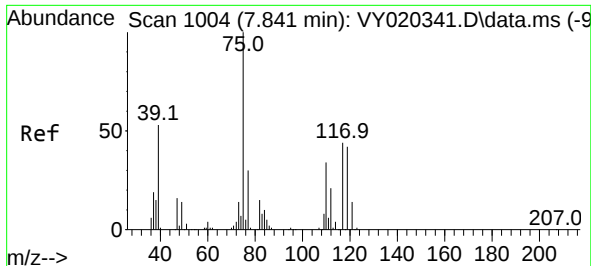
Tgt Ion:114 Resp: 236487
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.8
88 16.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.498 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

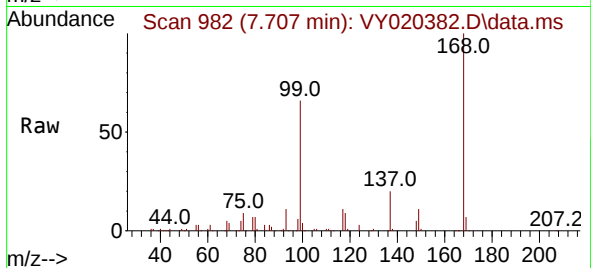
Tgt Ion:113 Resp: 76576
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 18.7 15.1 22.7



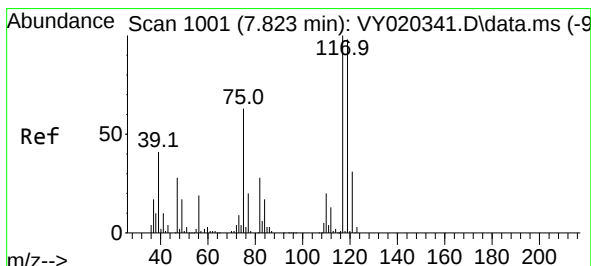
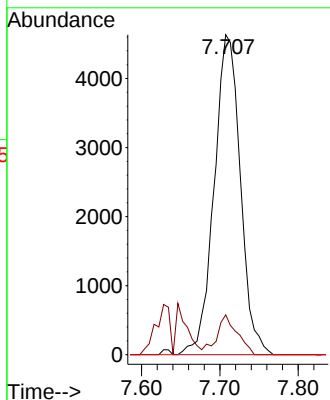
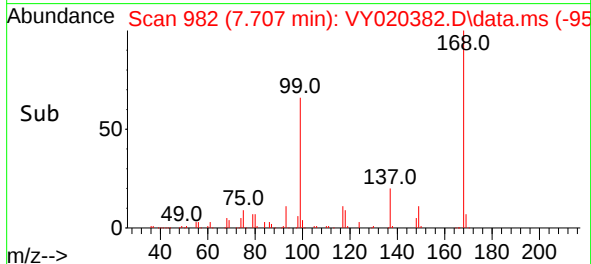


#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :

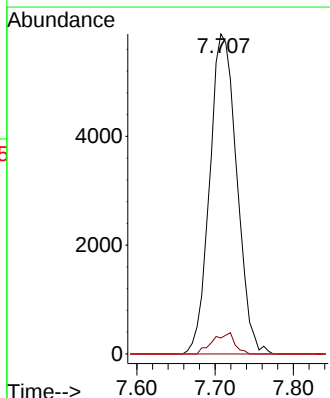
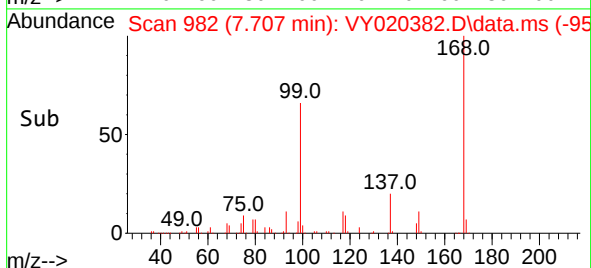
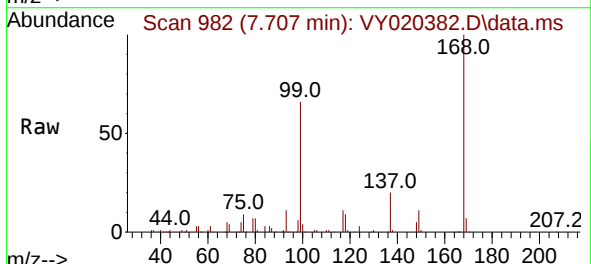


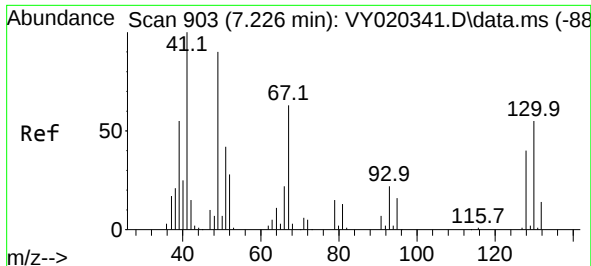
Tgt Ion: 75 Resp: 10781
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

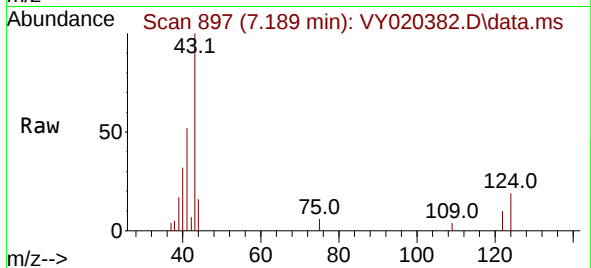
Tgt Ion: 117 Resp: 14150
Ion Ratio Lower Upper
117 100
119 5.0 77.8 116.6#
121 0.0 24.6 37.0#



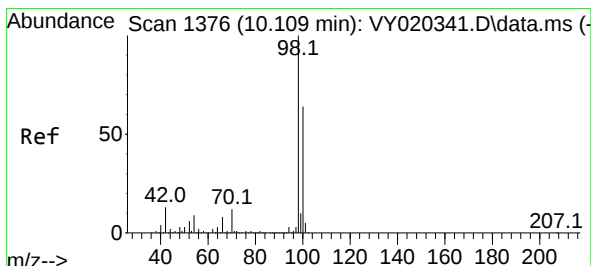
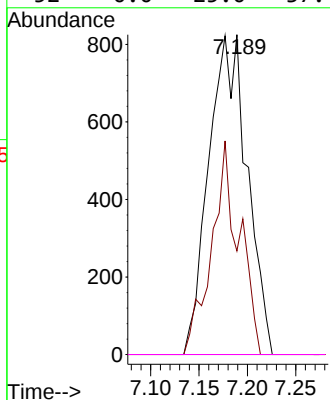
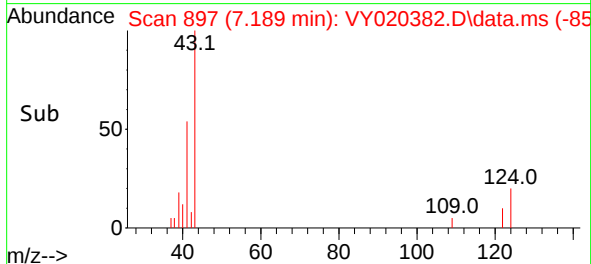


#41
Methacrylonitrile
Concen: 3.772 ug/l
RT: 7.189 min Scan# 897
Delta R.T. -0.037 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

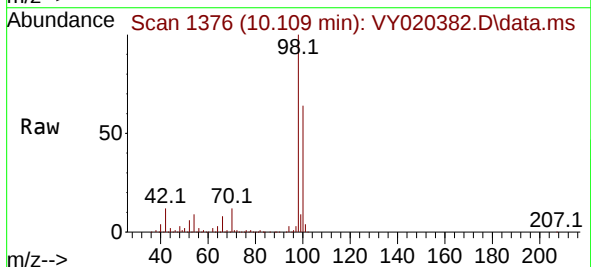
Instrument :
MSVOA_Y
ClientSampleId :



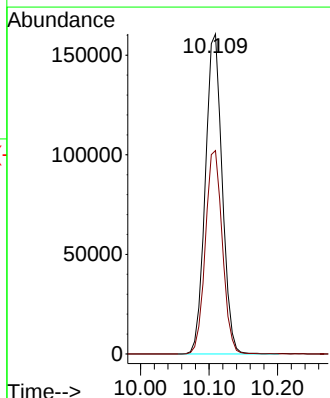
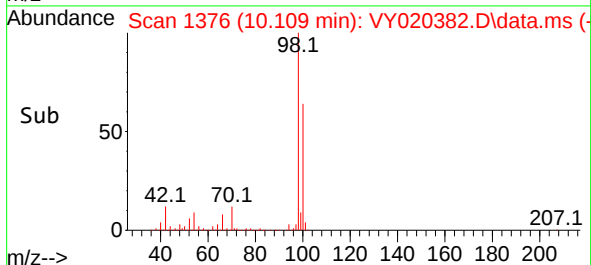
Tgt Ion: 41	Resp: 2277
Ion Ratio	Lower Upper
41 100	
39 48.2	49.0 73.4#
67 0.0	57.1 85.7#
52 0.0	25.0 37.4#

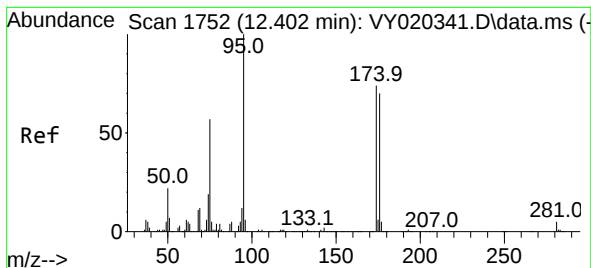


#50
Toluene-d8
Concen: 45.992 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23



Tgt Ion: 98	Resp: 274732
Ion Ratio	Lower Upper
98 100	
100 64.0	51.3 76.9

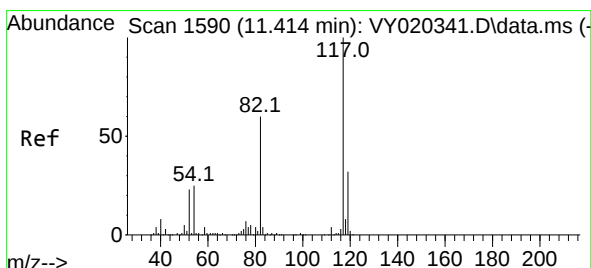
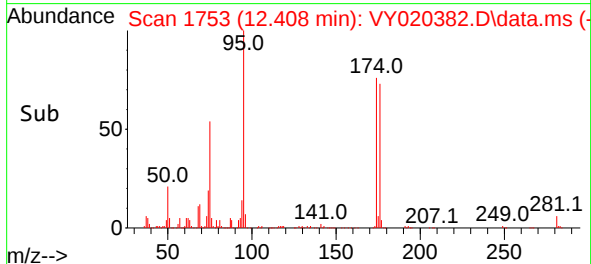
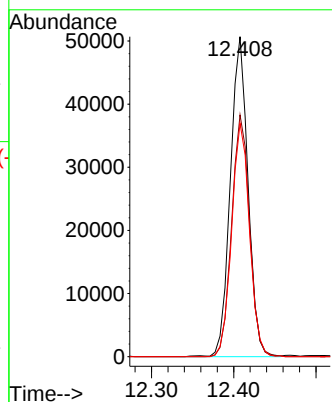
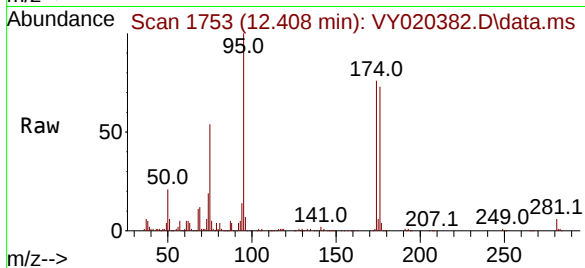




#62
4-Bromofluorobenzene
Concen: 39.430 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

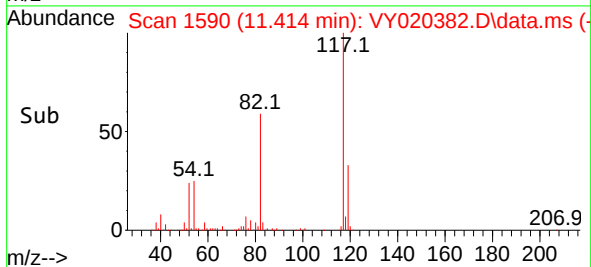
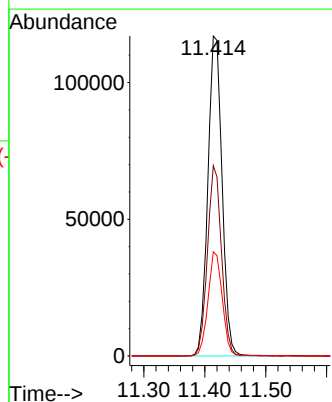
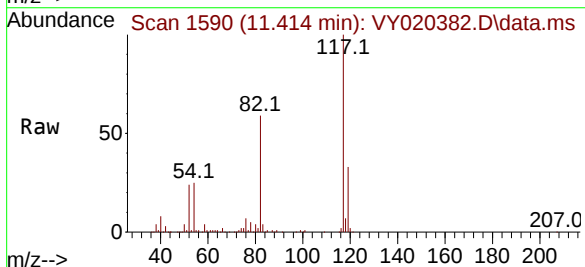
Instrument :
MSVOA_Y
ClientSampleId :

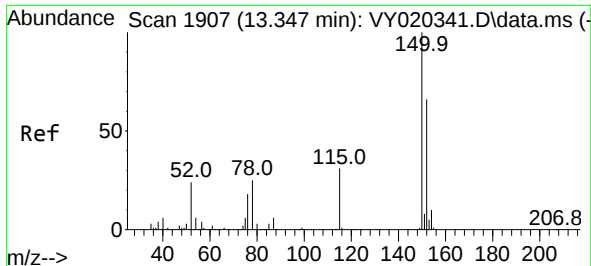
Tgt Ion: 95 Resp: 75717
Ion Ratio Lower Upper
95 100
174 76.5 0.0 156.8
176 73.5 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020382.D
Acq: 21 Nov 2024 13:23

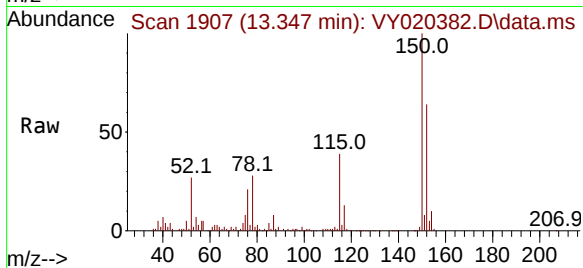
Tgt Ion: 117 Resp: 190022
Ion Ratio Lower Upper
117 100
82 59.5 48.2 72.4
119 32.5 25.8 38.8



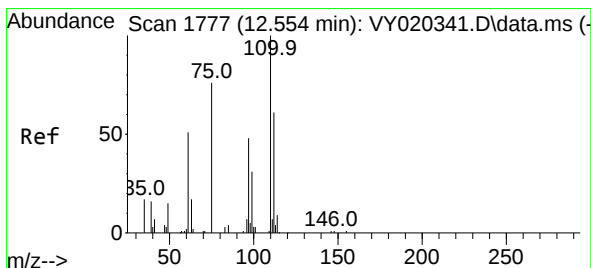
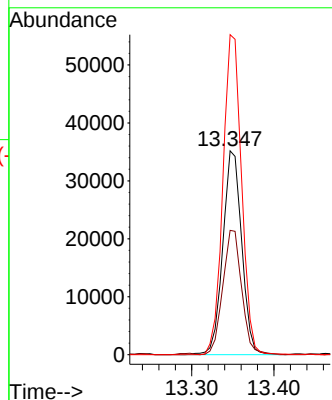
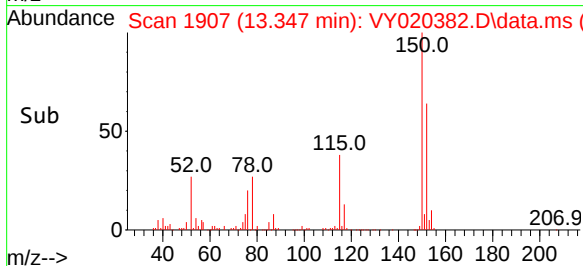


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020382.D
 Acq: 21 Nov 2024 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :

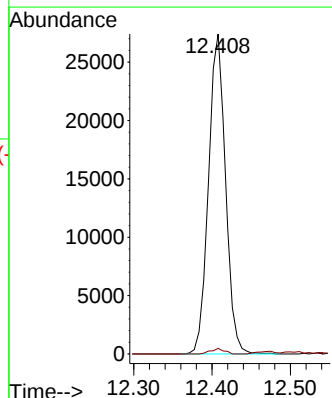
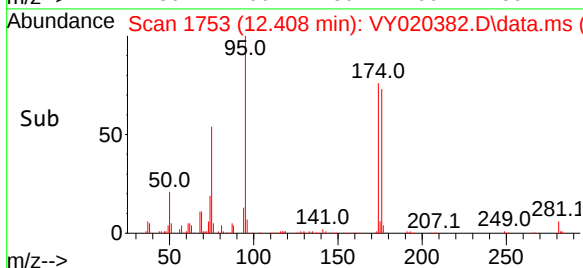
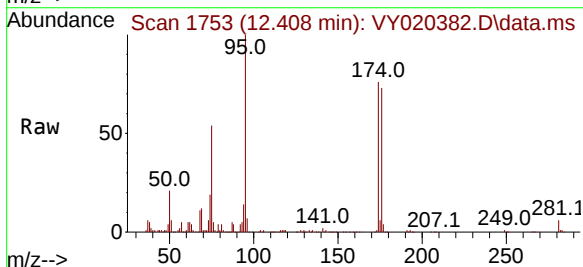


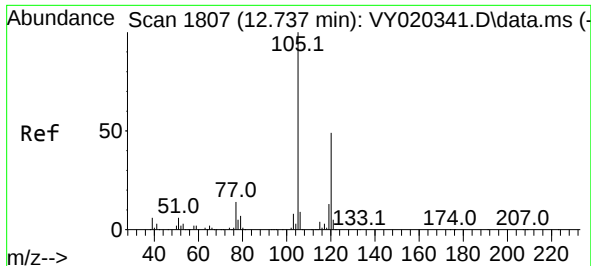
Tgt Ion:152 Resp: 56108
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.0 90.0
 150 154.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 78.166 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020382.D
 Acq: 21 Nov 2024 13:23

Tgt Ion: 75 Resp: 41337
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

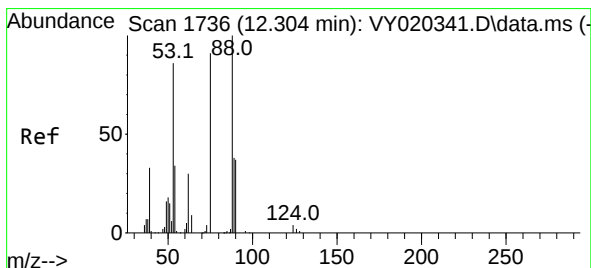
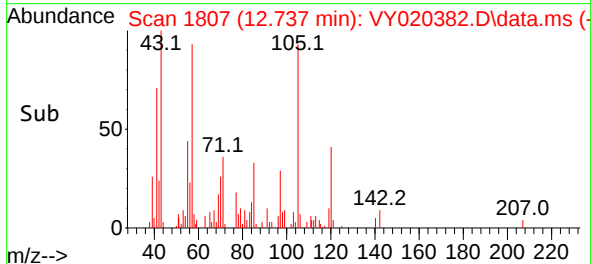
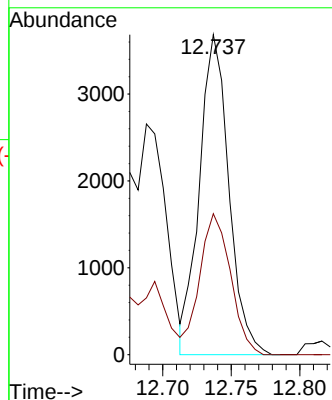
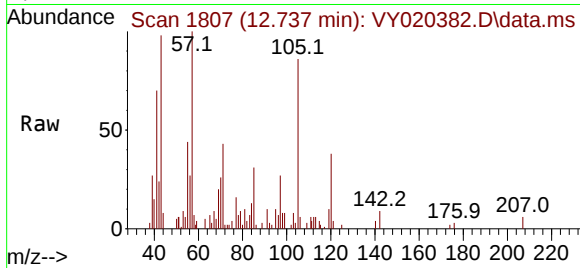




#80
 1,3,5-Trimethylbenzene
 Concen: 1.435 ug/l
 RT: 12.737 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020382.D
 Acq: 21 Nov 2024 13:23

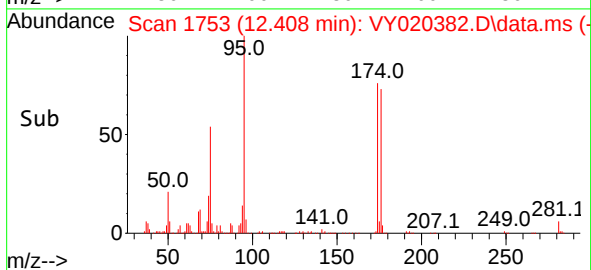
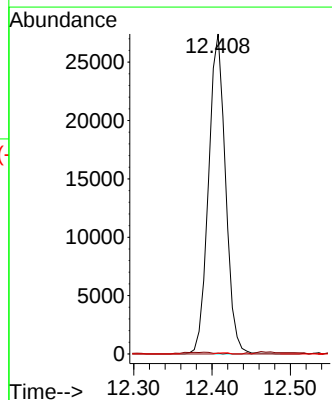
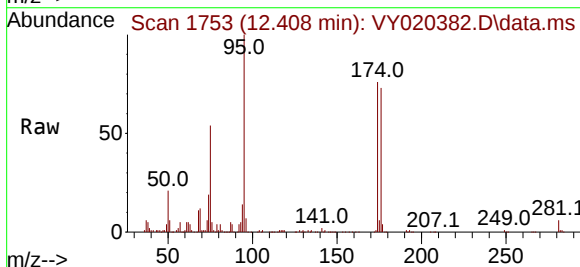
Instrument :
 MSVOA_Y
 ClientSampleId :

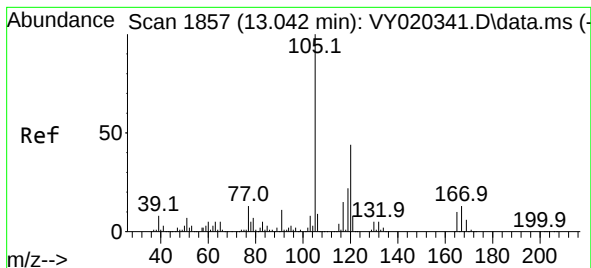
Tgt Ion:105 Resp: 5513
 Ion Ratio Lower Upper
 105 100
 120 46.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.163 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.104 min
 Lab File: VY020382.D
 Acq: 21 Nov 2024 13:23

Tgt Ion: 75 Resp: 41337
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.2 35.1 52.7#





#84

1,2,4-Trimethylbenzene

Concen: 5.230 ug/l

RT: 13.048 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

Instrument :

MSVOA_Y

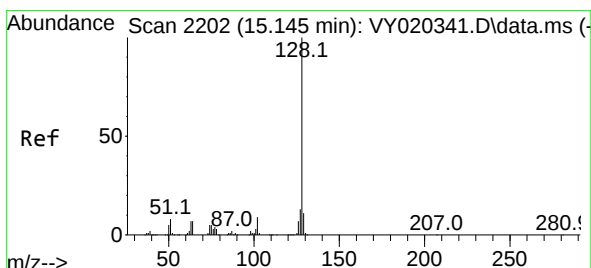
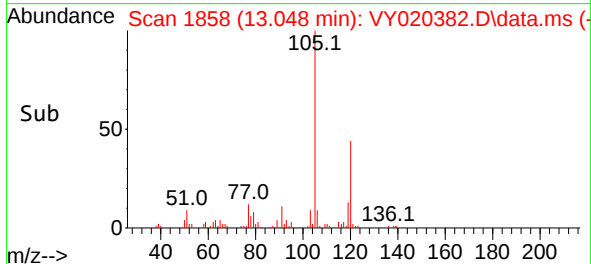
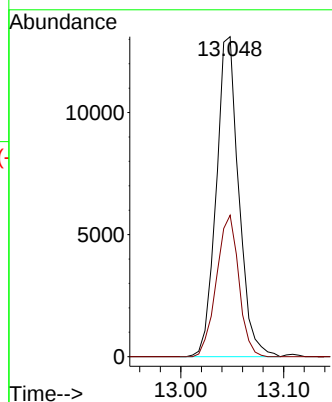
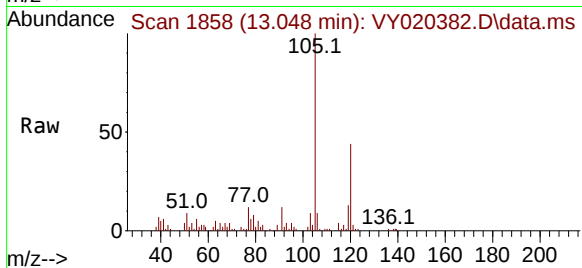
ClientSampleId :

Tgt Ion:105 Resp: 19919

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0



#95

Naphthalene

Concen: 6.350 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020382.D

Acq: 21 Nov 2024 13:23

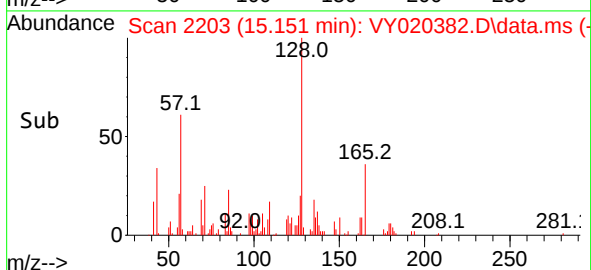
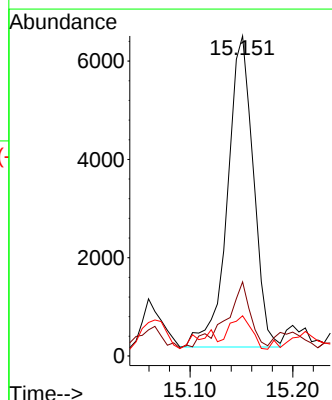
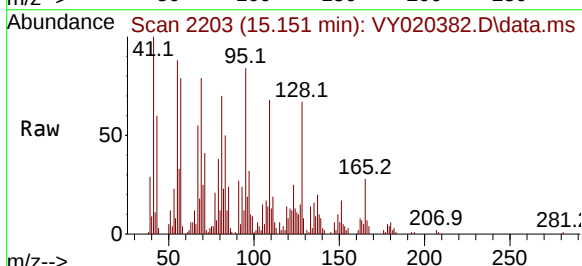
Tgt Ion:128 Resp: 11092

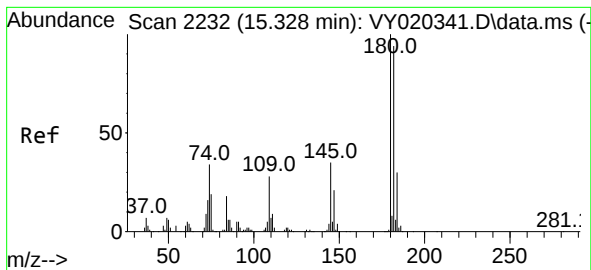
Ion Ratio Lower Upper

128 100

127 20.4 10.5 15.7#

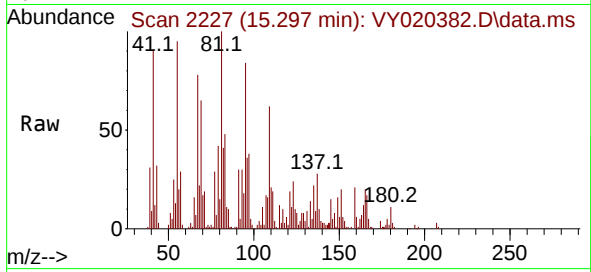
129 9.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.725 ug/l
 RT: 15.297 min Scan# 21
 Delta R.T. -0.030 min
 Lab File: VY020382.D
 Acq: 21 Nov 2024 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 1496
 Ion Ratio Lower Upper
 180 100
 182 26.3 47.4 142.3#
 145 670.9 16.9 50.6#

