

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020162.D
 Acq On : 05 Nov 2024 13:21
 Operator : SY/MD
 Sample : P4675-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:24:46 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)

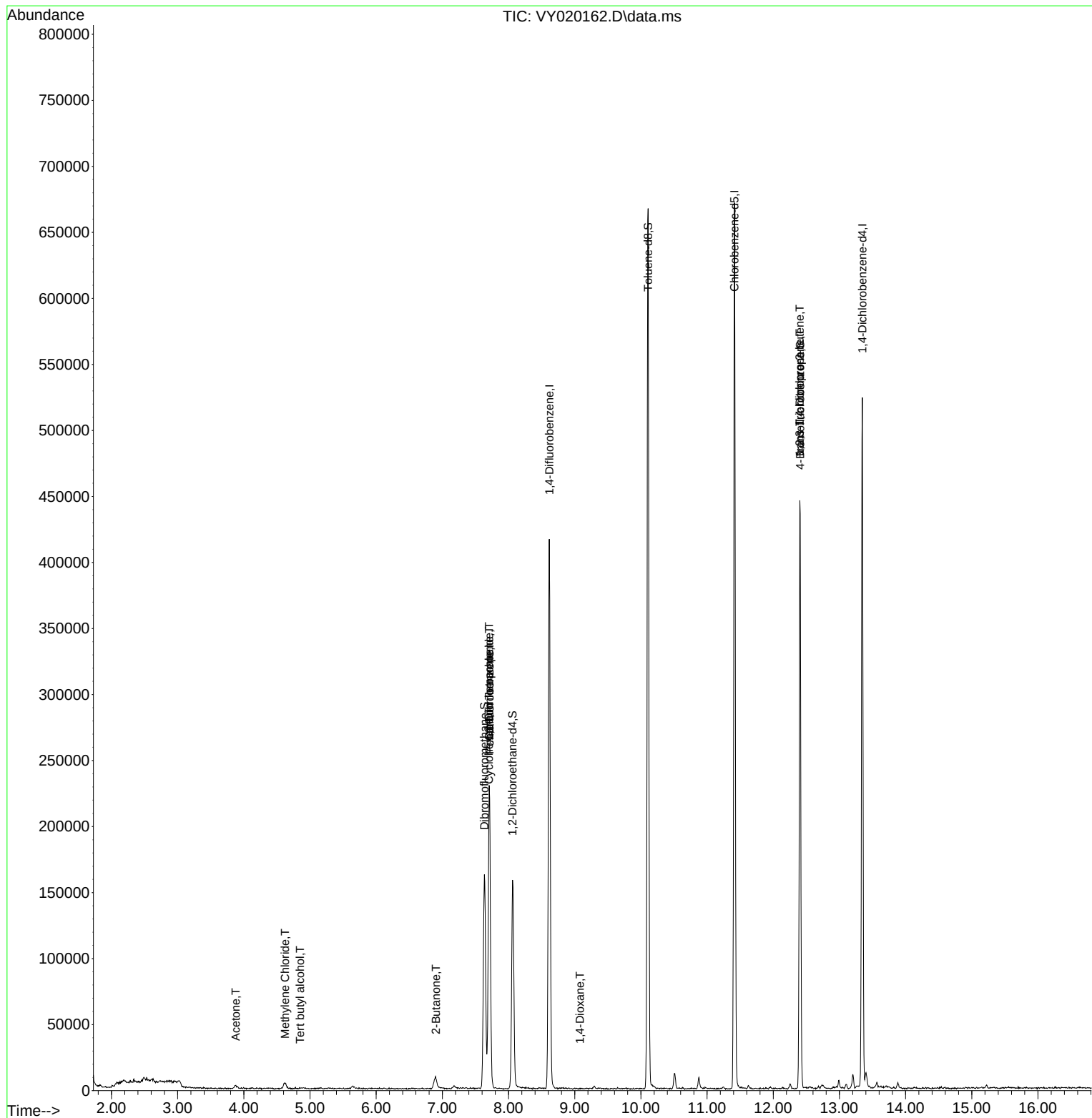
Internal Standards						
1) Pentafluorobenzene	7.713	168	157570	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	332516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	314463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	115711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121465	61.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.520%	
35) Dibromofluoromethane	7.634	113	114908	54.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.700%	
50) Toluene-d8	10.109	98	416182	49.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.408	95	129531	47.389	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	537	3.796	ug/l	# 88
16) Acetone	3.879	43	3821	8.355	ug/l	95
20) Methylene Chloride	4.623	84	2886	1.405	ug/l	96
25) 2-Butanone	6.903	43	1280	2.065	ug/l	# 41
31) Cyclohexane	7.701	56	5073	1.421	ug/l	# 56
36) 1,1-Dichloropropene	7.707	75	16013	4.903	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	18133	5.521	ug/l	# 16
49) 1,4-Dioxane	9.079	88	25	1.965	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	77504	71.454	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	77504	153.695	ug/l	# 16

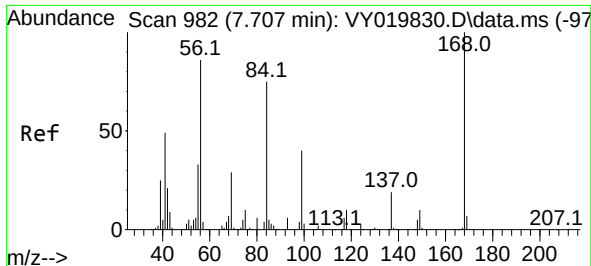
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
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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

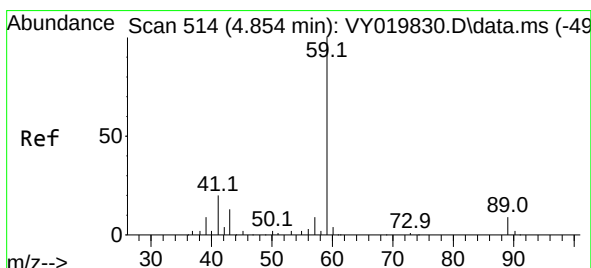
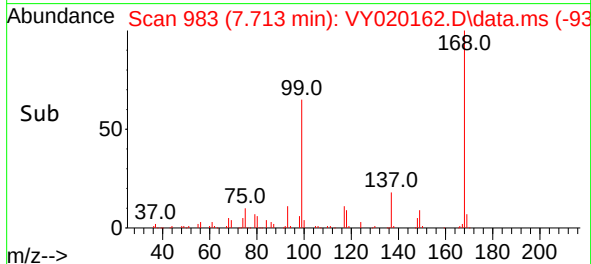
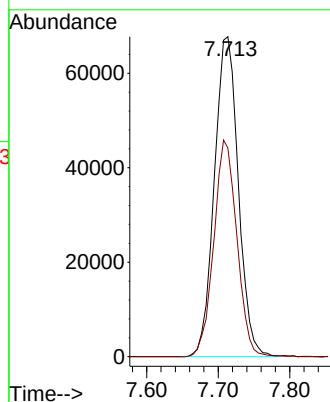
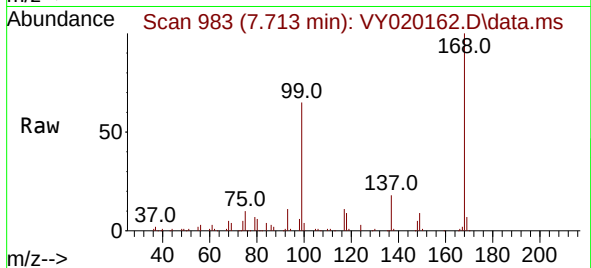




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

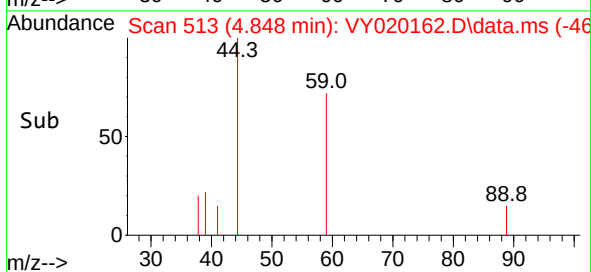
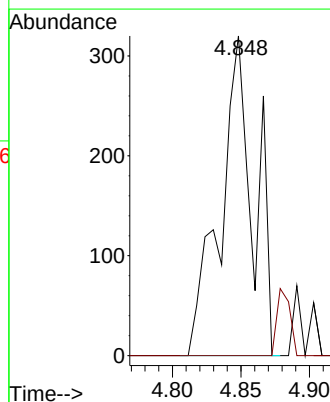
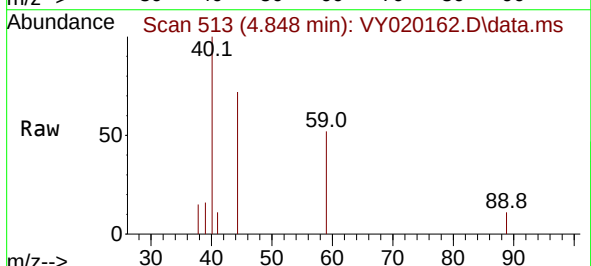
Instrument :
MSVOA_Y
ClientSampleId :

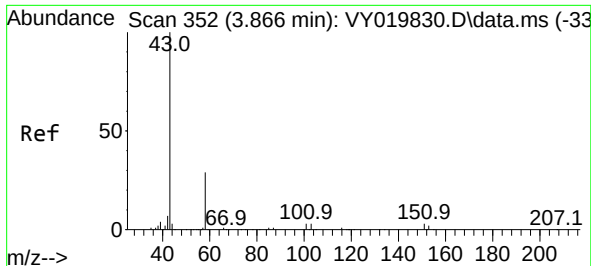
Tgt Ion:168 Resp: 157570
Ion Ratio Lower Upper
168 100
99 65.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.796 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

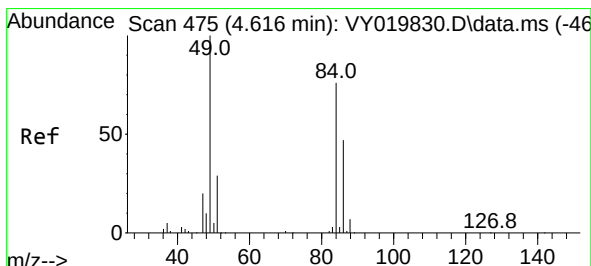
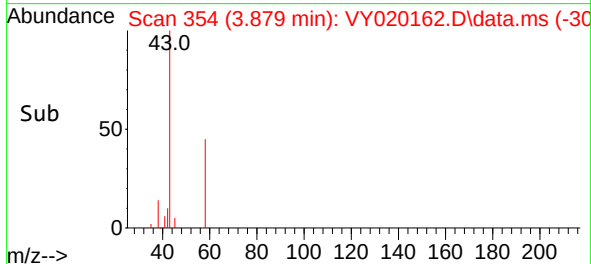
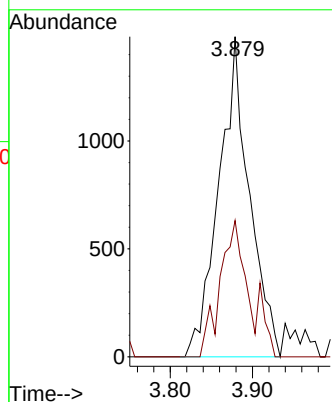
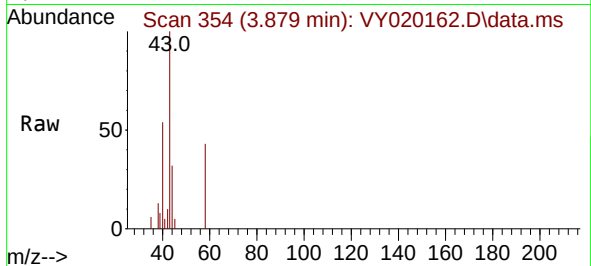




#16
Acetone
Concen: 8.355 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

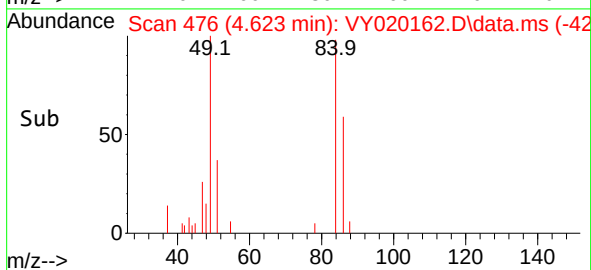
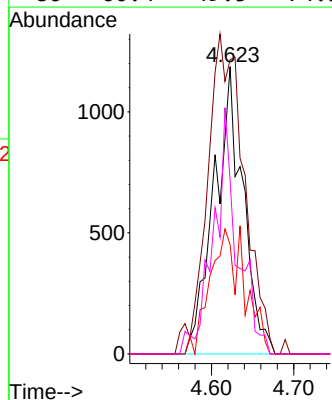
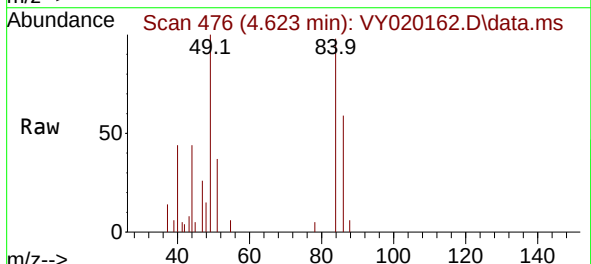
Instrument :
MSVOA_Y
ClientSampleId :

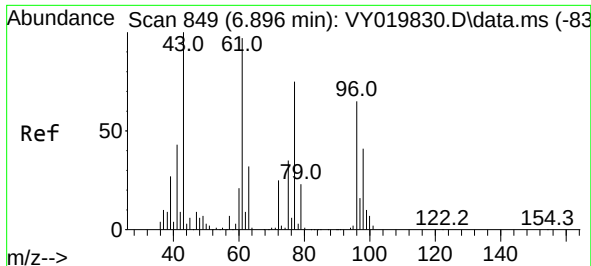
Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
58 42.5 31.7 47.5



#20
Methylene Chloride
Concen: 1.405 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Tgt Ion: 84 Resp: 2886
Ion Ratio Lower Upper
84 100
49 102.4 84.4 126.6
51 38.0 26.0 39.0
86 60.4 49.5 74.3

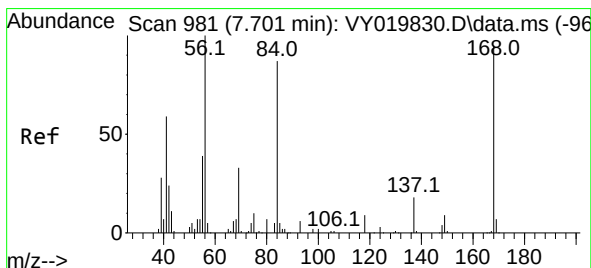
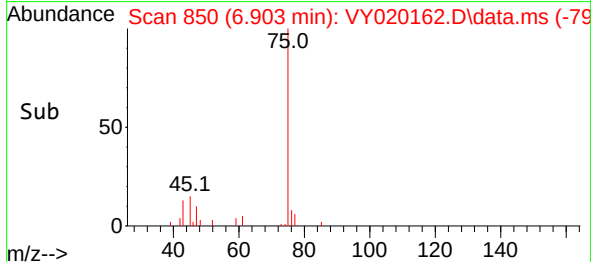
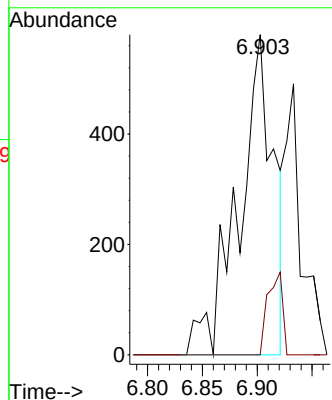
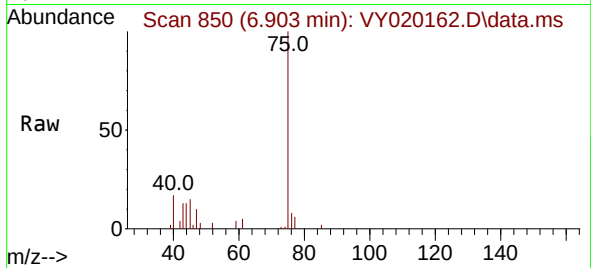




#25
2-Butanone
Concen: 2.065 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

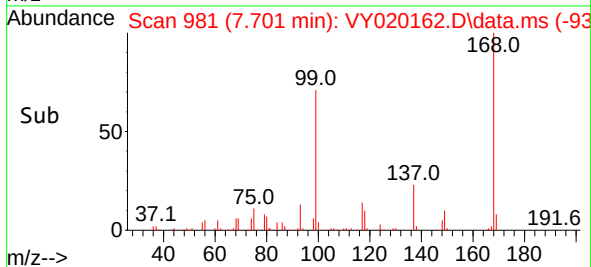
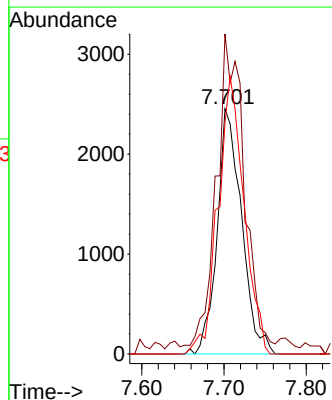
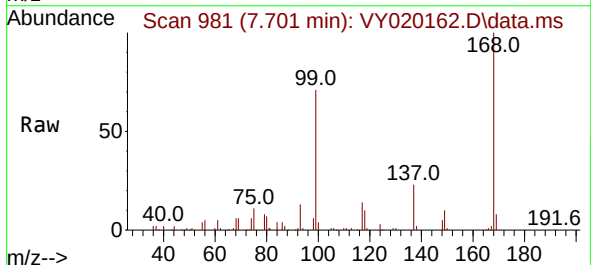
Instrument :
MSVOA_Y
ClientSampleId :

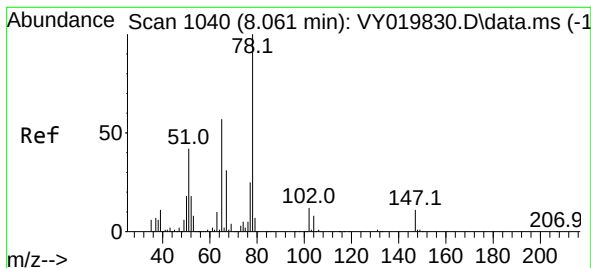
Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.421 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Tgt Ion: 56 Resp: 5073
Ion Ratio Lower Upper
56 100
69 127.6 28.7 43.1#
84 94.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 61.765 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020162.D

Acq: 05 Nov 2024 13:21

Instrument :

MSVOA_Y

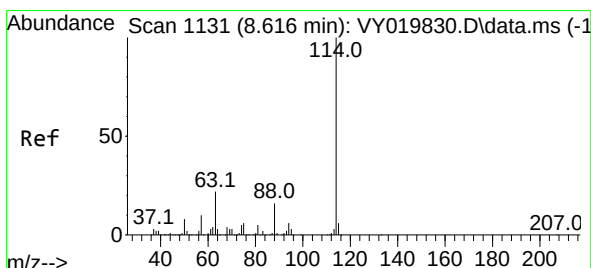
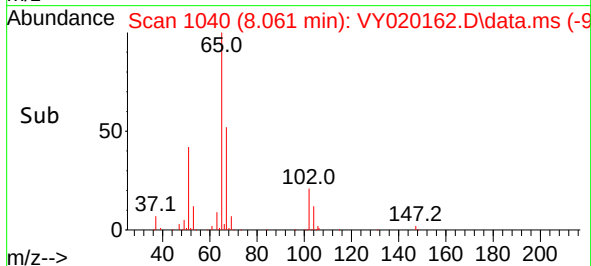
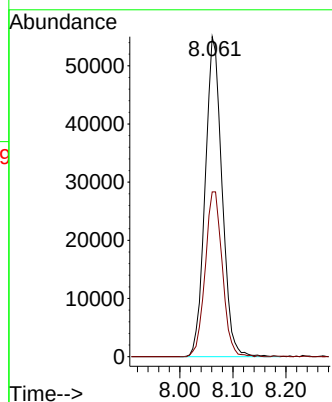
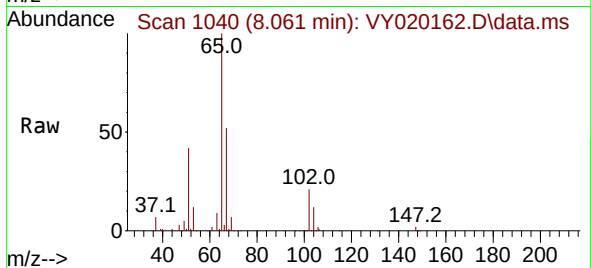
ClientSampleId :

Tgt Ion: 65 Resp: 121465

Ion Ratio Lower Upper

65 100

67 52.3 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: VY020162.D

Acq: 05 Nov 2024 13:21

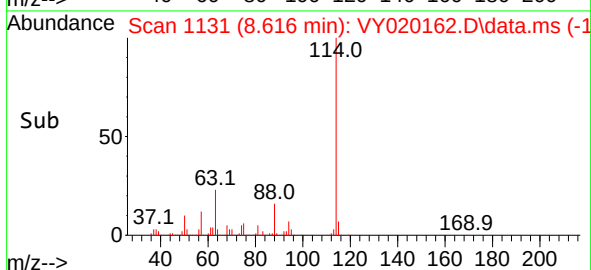
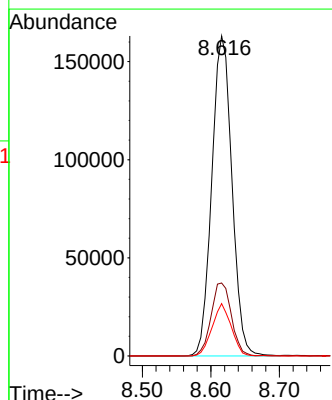
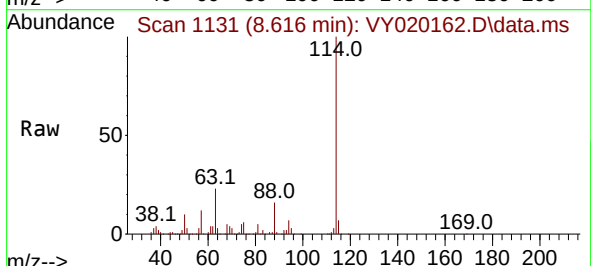
Tgt Ion: 114 Resp: 332516

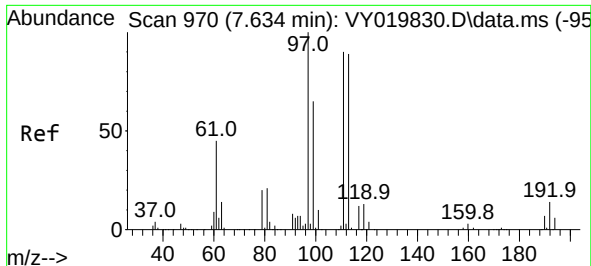
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

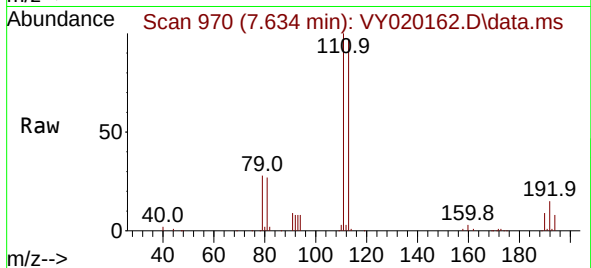
88 16.3 0.0 27.2



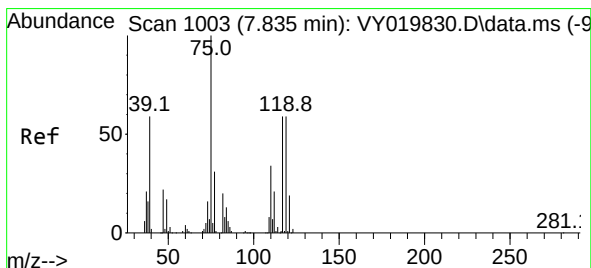
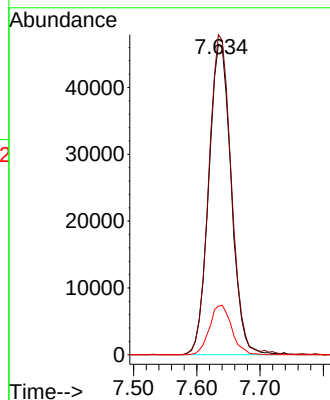
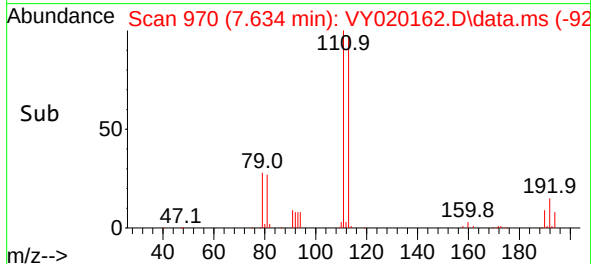


#35
Dibromofluoromethane
Concen: 54.353 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

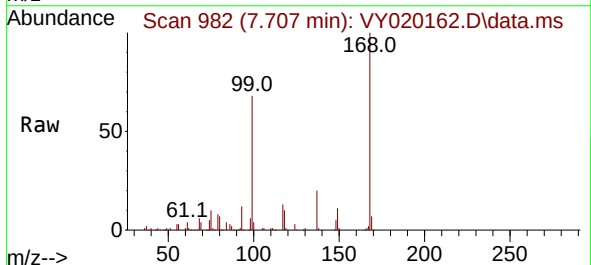
Instrument :
MSVOA_Y
ClientSampleId :



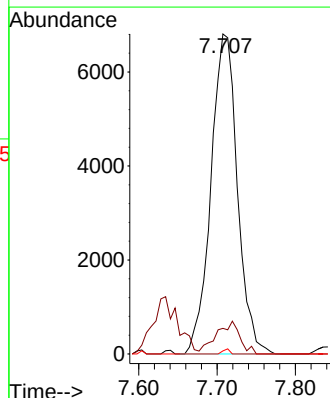
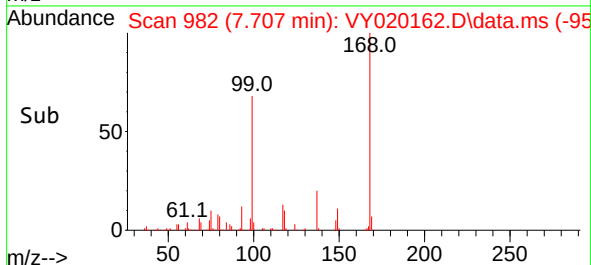
Tgt Ion:113 Resp: 114908
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 15.6 15.9 23.9#

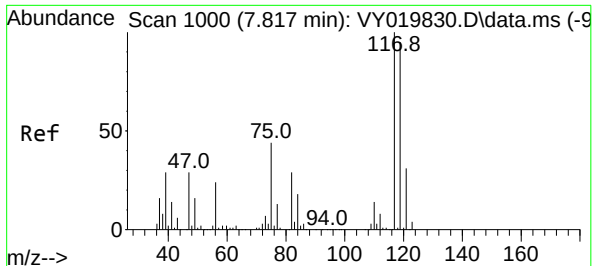


#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21



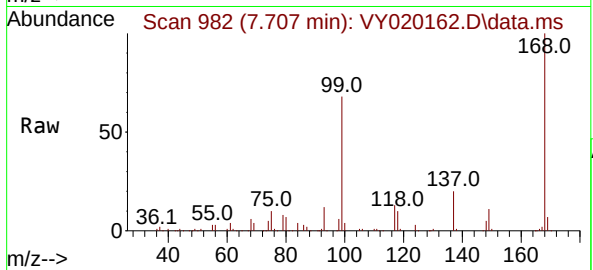
Tgt Ion: 75 Resp: 16013
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.4 25.3 37.9#



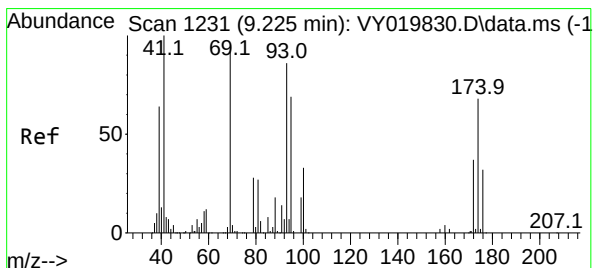
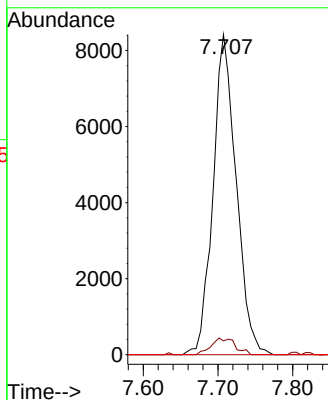
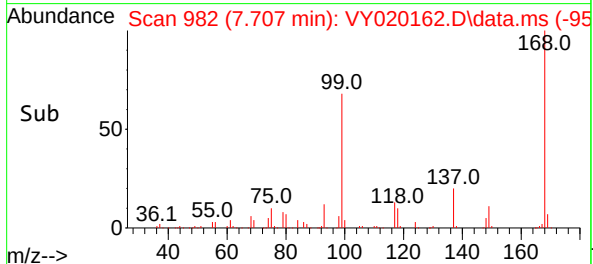


#38
Carbon Tetrachloride
Concen: 5.521 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

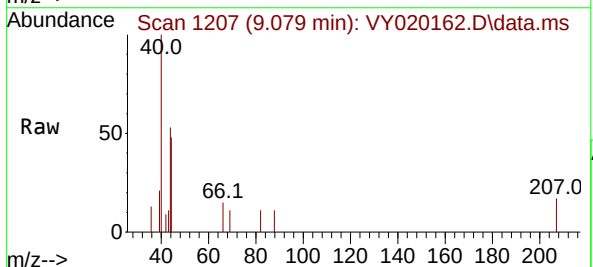
Instrument :
MSVOA_Y
ClientSampleId :



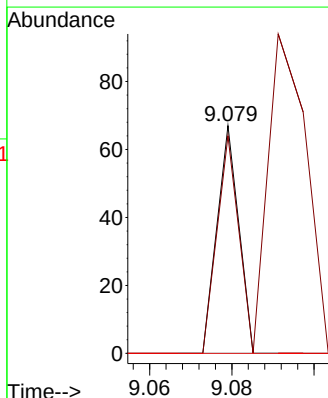
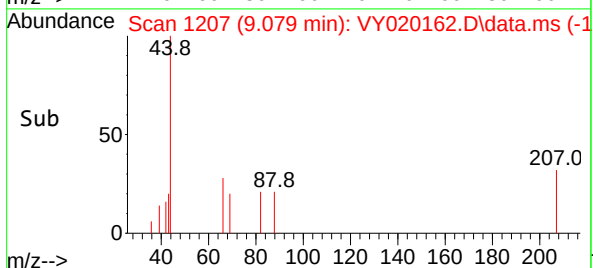
Tgt Ion:117 Resp: 18133
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#

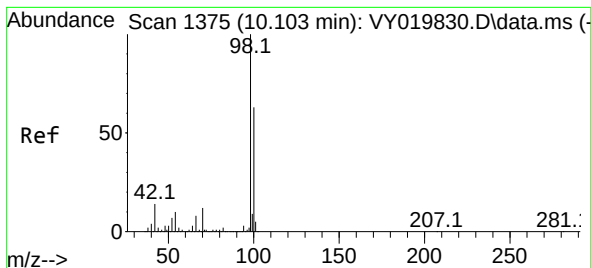


#49
1,4-Dioxane
Concen: 1.965 ug/l
RT: 9.079 min Scan# 1207
Delta R.T. -0.152 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21



Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 336.0 0.0 0.0#
58 0.0 49.3 73.9#

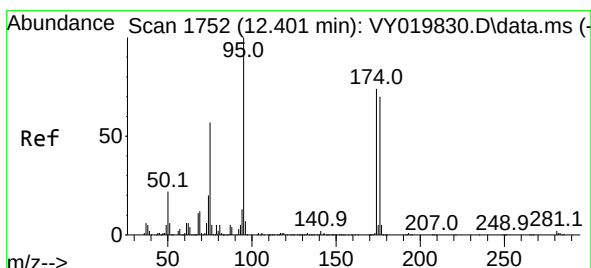
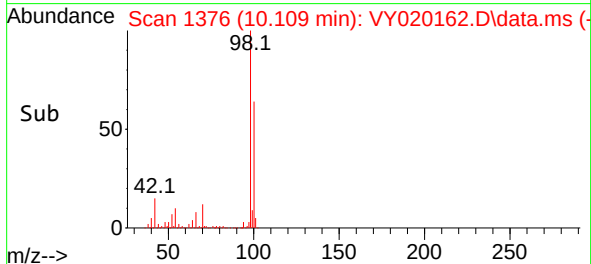
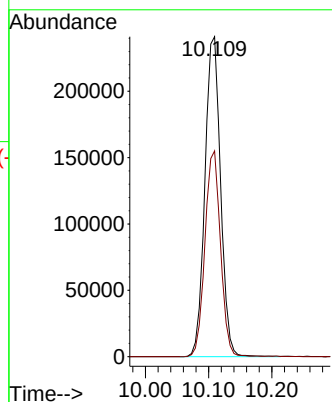
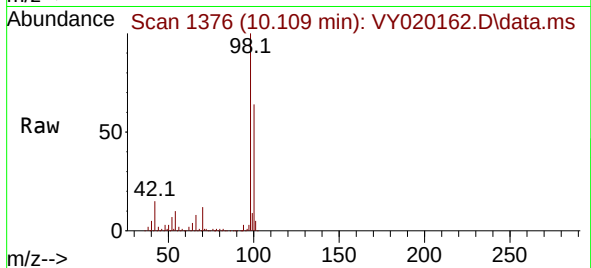




#50
Toluene-d8
Concen: 49.456 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

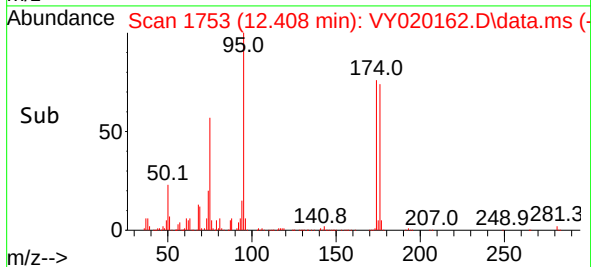
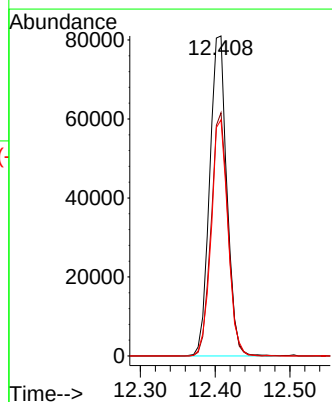
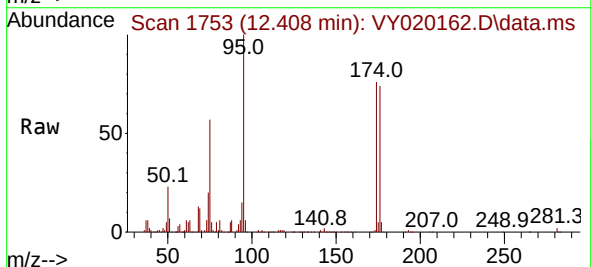
Instrument :
MSVOA_Y
ClientSampleId :

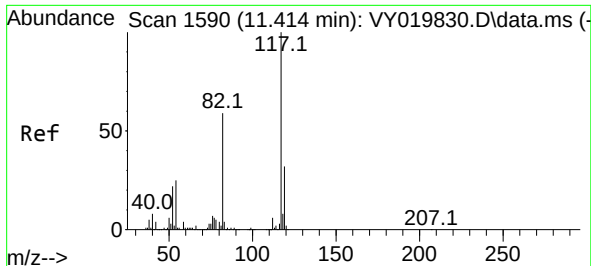
Tgt Ion: 98 Resp: 416182
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.389 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Tgt Ion: 95 Resp: 129531
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 71.8 0.0 171.4

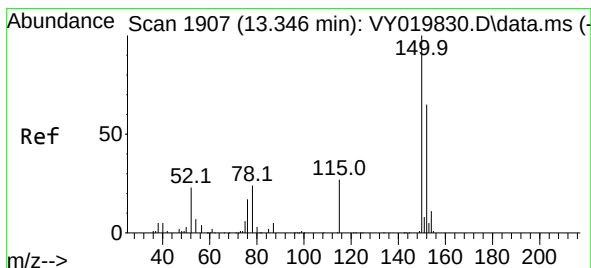
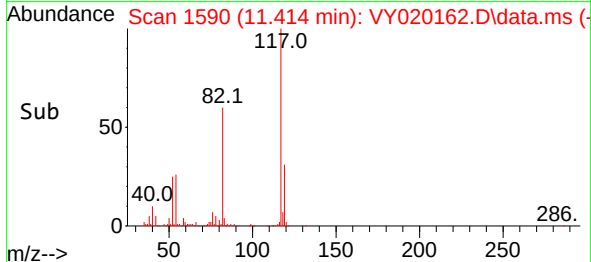
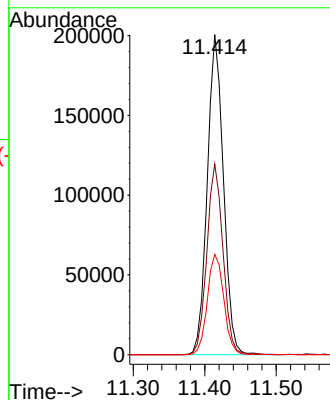
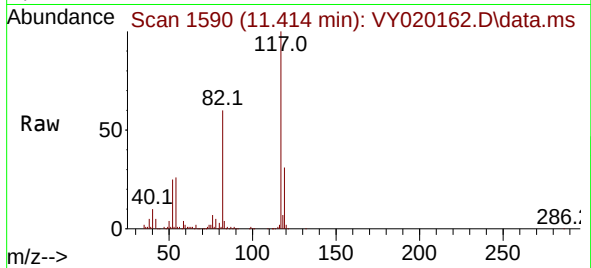




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

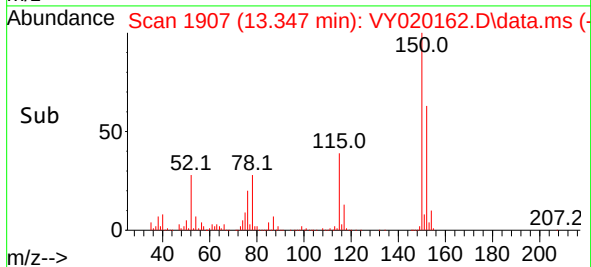
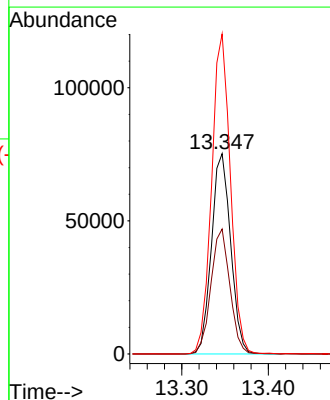
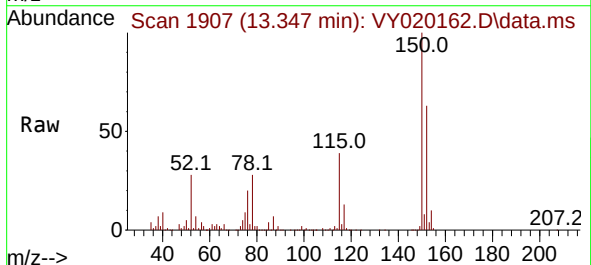
Instrument :
MSVOA_Y
ClientSampleId :

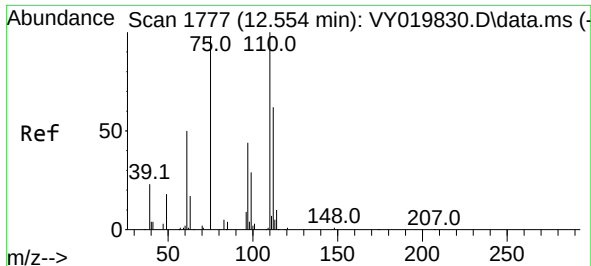
Tgt Ion:117 Resp: 314463
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Tgt Ion:152 Resp: 115711
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 156.5 0.0 345.6

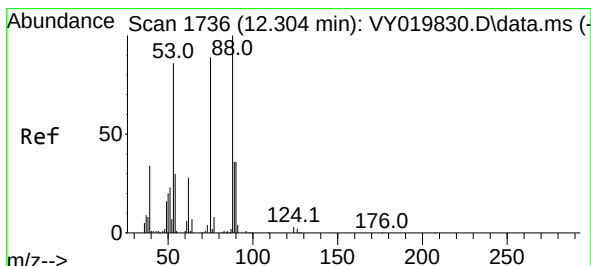
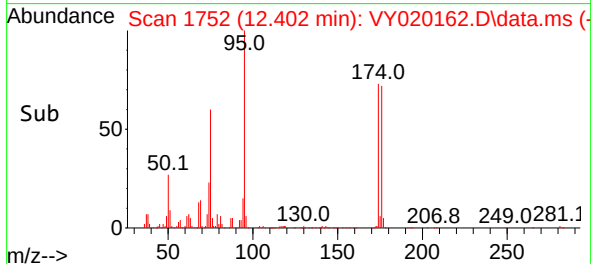
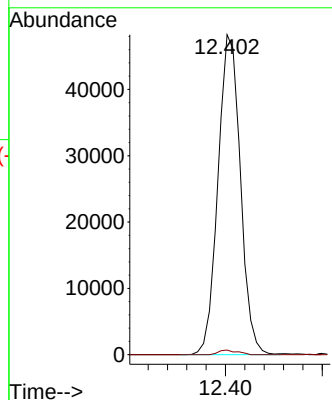
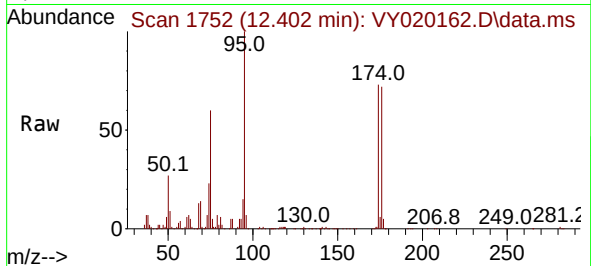




#76
1,2,3-Trichloropropane
Concen: 71.454 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 77504
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.695 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020162.D
Acq: 05 Nov 2024 13:21

Tgt Ion: 75 Resp: 77504
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

