

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019614.D
 Acq On : 18 Sep 2024 18:28
 Operator : SY/MD
 Sample : P4087-27
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:27:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

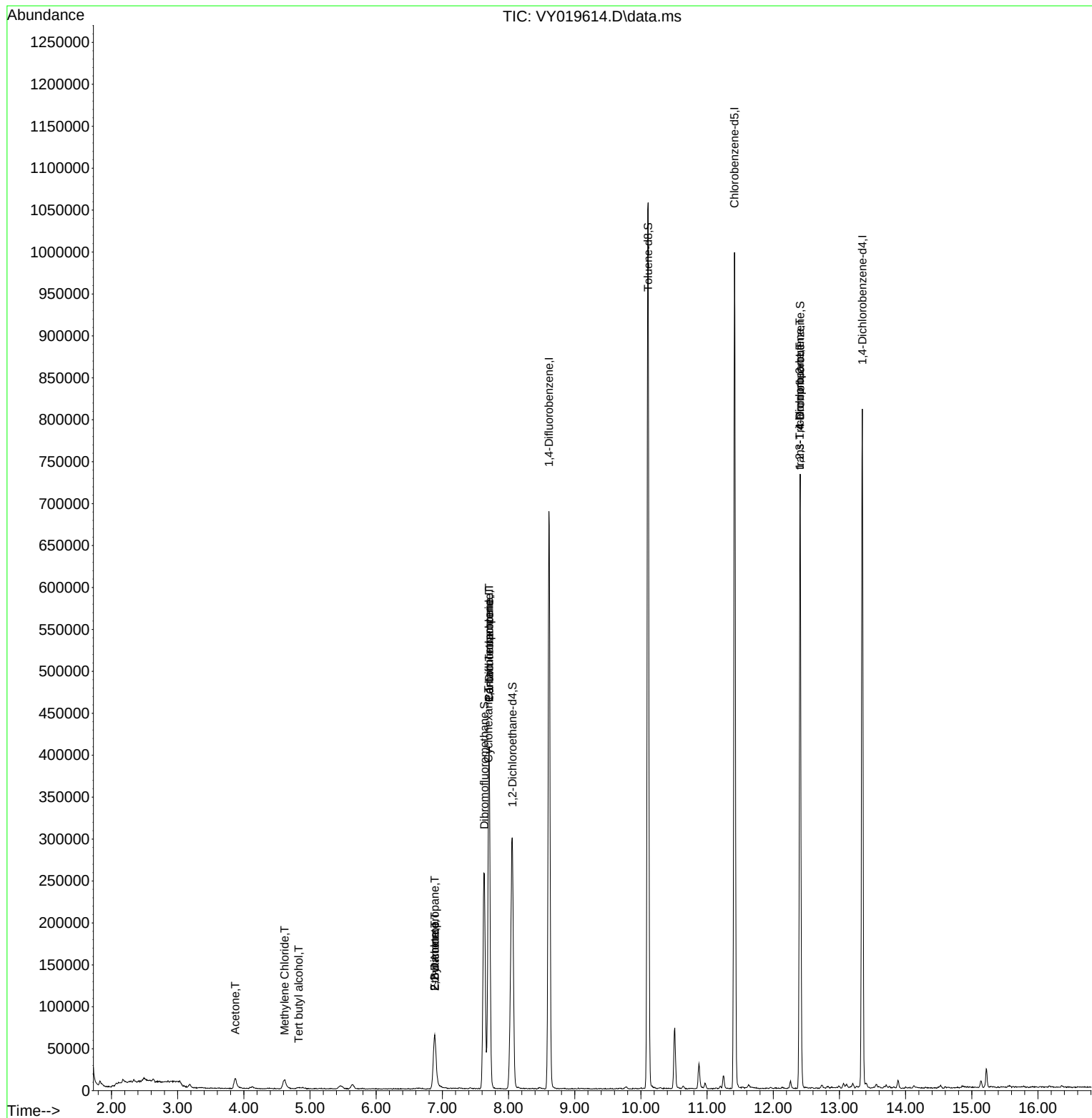
Internal Standards						
1) Pentafluorobenzene	7.707	168	298420	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	582032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	520084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	191538	69.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.620%	
35) Dibromofluoromethane	7.634	113	188669	57.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.340%	
50) Toluene-d8	10.109	98	690907	56.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.200%	
62) 4-Bromofluorobenzene	12.408	95	225014	47.944	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	196	Below Cal	#	52
11) Tert butyl alcohol	4.830	59	1274	5.709	ug/l #	97
13) Acrolein	3.653	56	166	Below Cal	#	25
16) Acetone	3.872	43	21850	33.191	ug/l	100
20) Methylene Chloride	4.616	84	7540	2.511	ug/l #	78
25) 2-Butanone	6.884	43	12225	13.057	ug/l #	72
26) 2,2-Dichloropropane	6.884	77	4938	1.001	ug/l #	51
31) Cyclohexane	7.695	56	7995	1.617	ug/l #	38
36) 1,1-Dichloropropene	7.707	75	26689	5.944	ug/l #	47
37) Ethyl Acetate	6.884	43	12225	5.313	ug/l #	77
38) Carbon Tetrachloride	7.707	117	32056	6.331	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	120829	66.458	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	120829	127.579	ug/l #	16

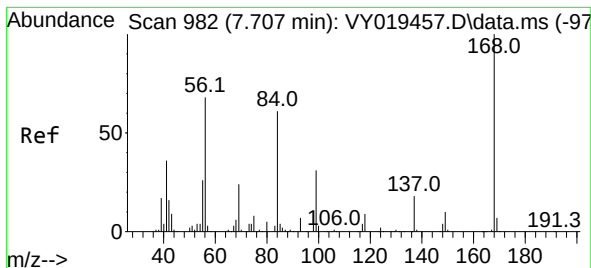
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019614.D

Acq: 18 Sep 2024 18:28

Instrument :

MSVOA_Y

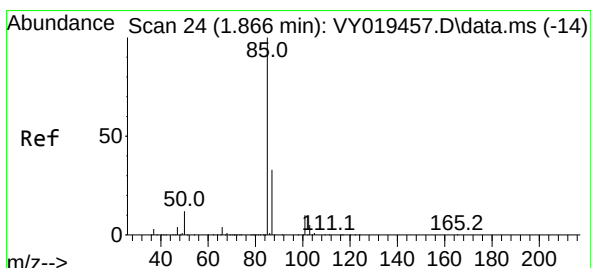
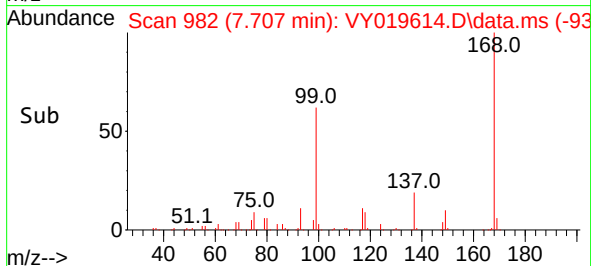
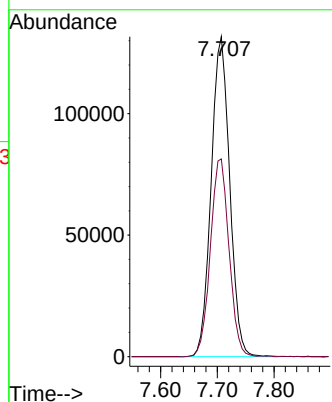
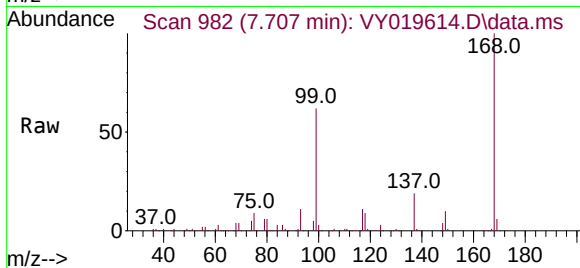
ClientSampleId :

Tgt Ion:168 Resp: 298420

Ion Ratio Lower Upper

168 100

99 61.8 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019614.D

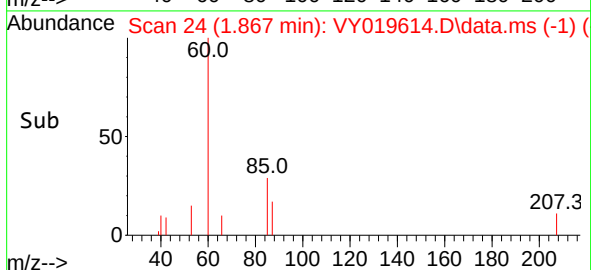
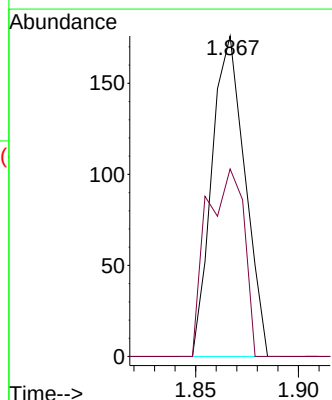
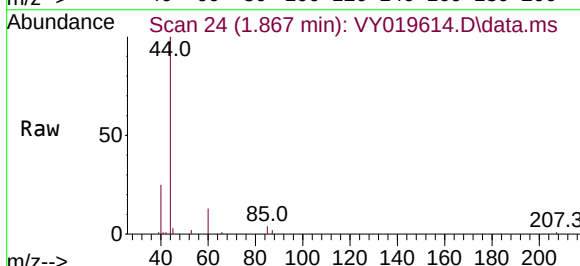
Acq: 18 Sep 2024 18:28

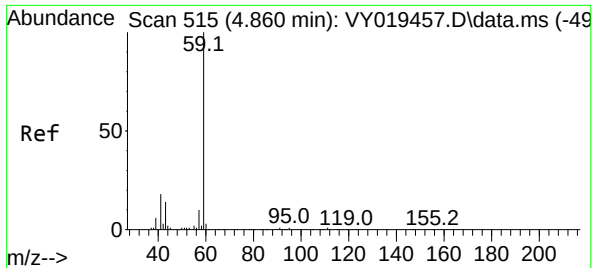
Tgt Ion: 85 Resp: 196

Ion Ratio Lower Upper

85 100

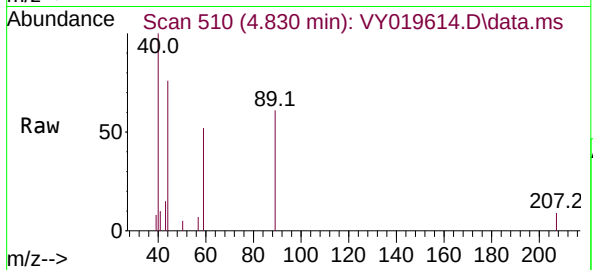
87 58.5 16.0 48.0#



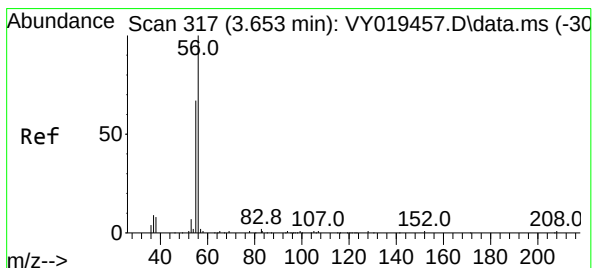
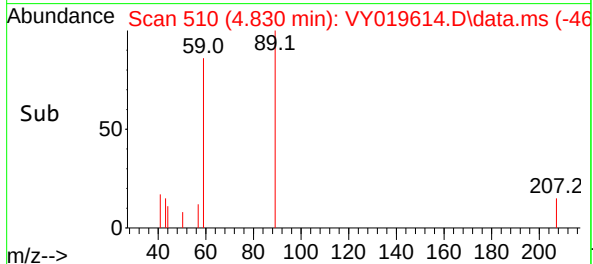
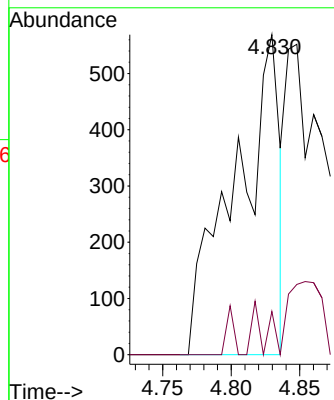


#11
Tert butyl alcohol
Concen: 5.709 ug/l
RT: 4.830 min Scan# 515
Delta R.T. -0.030 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

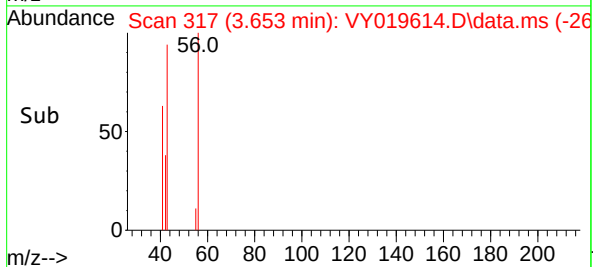
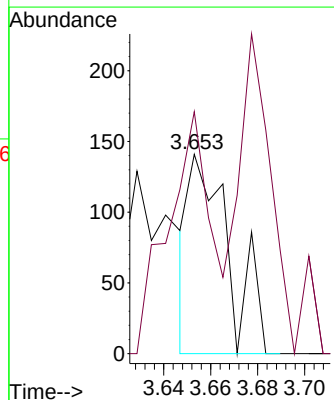
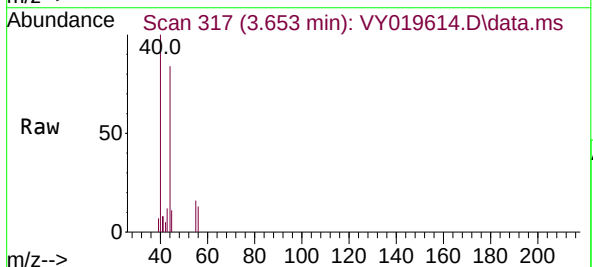


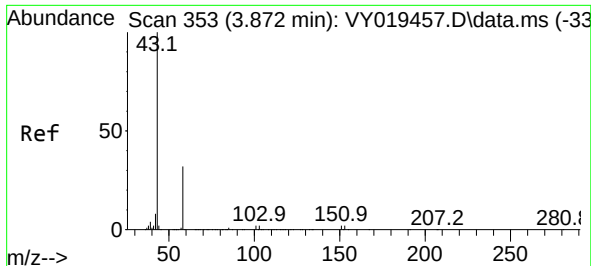
Tgt Ion: 59 Resp: 1274
Ion Ratio Lower Upper
59 100
57 2.7 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 130.7 55.7 83.5#





#16

Acetone

Concen: 33.191 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

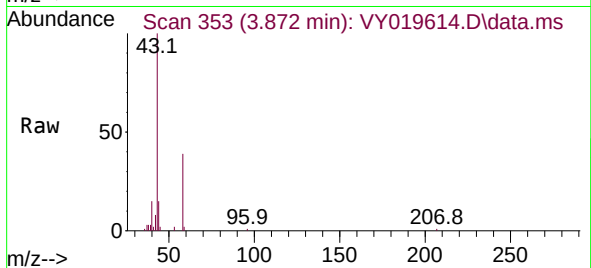
Lab File: VY019614.D

Acq: 18 Sep 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

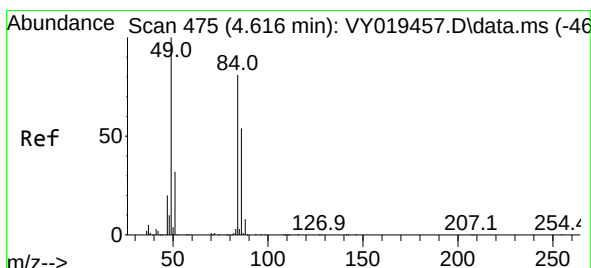
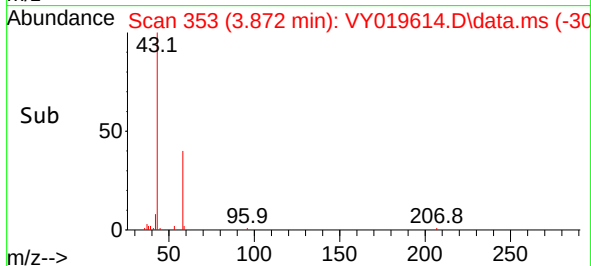
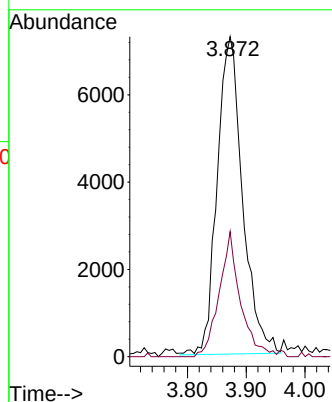


Tgt Ion: 43 Resp: 21850

Ion Ratio Lower Upper

43 100

58 39.5 31.7 47.5



#20

Methylene Chloride

Concen: 2.511 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019614.D

Acq: 18 Sep 2024 18:28

Tgt Ion: 84 Resp: 7540

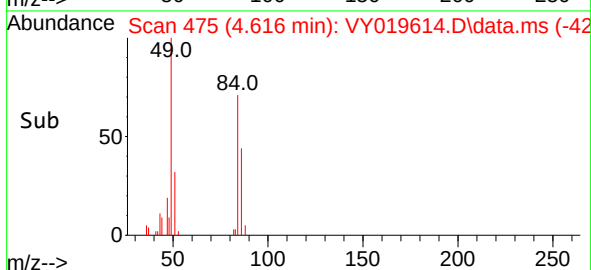
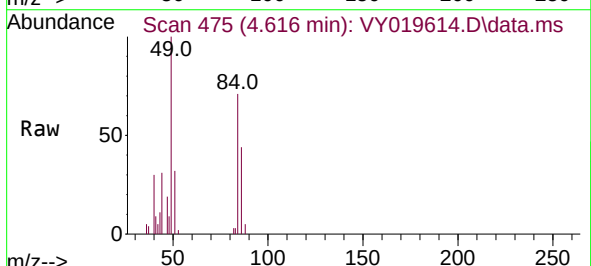
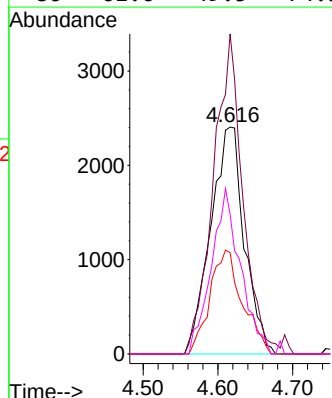
Ion Ratio Lower Upper

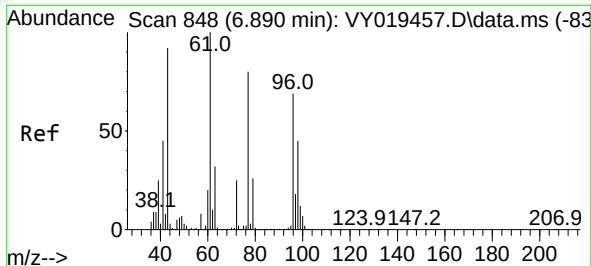
84 100

49 141.1 84.4 126.6#

51 44.7 26.0 39.0#

86 61.6 49.5 74.3

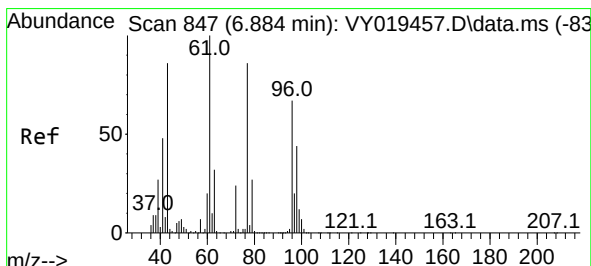
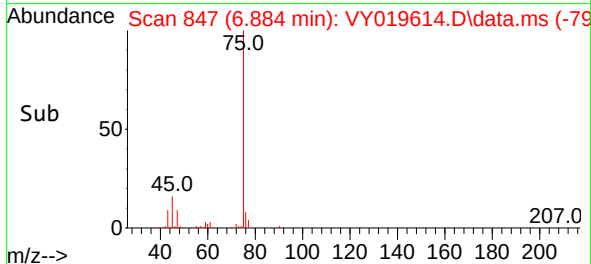
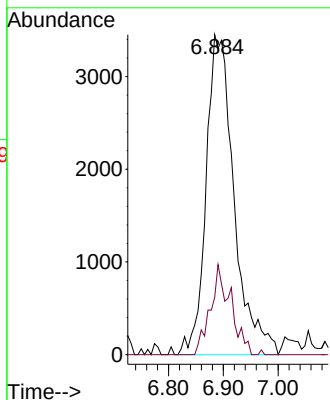
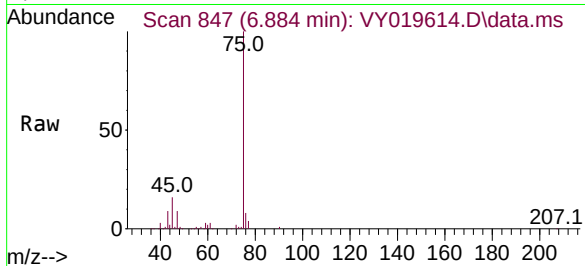




#25
2-Butanone
Concen: 13.057 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

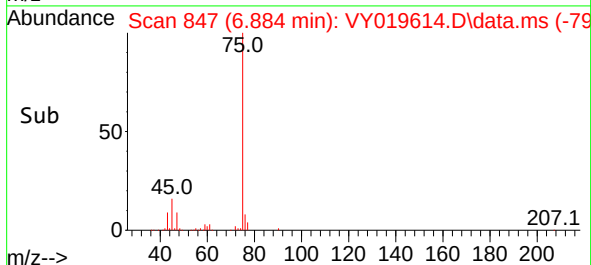
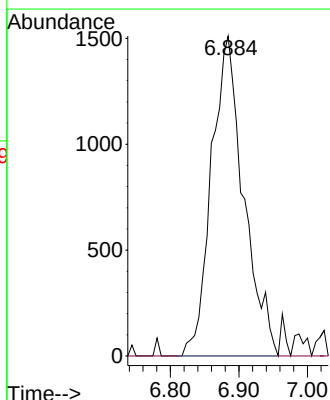
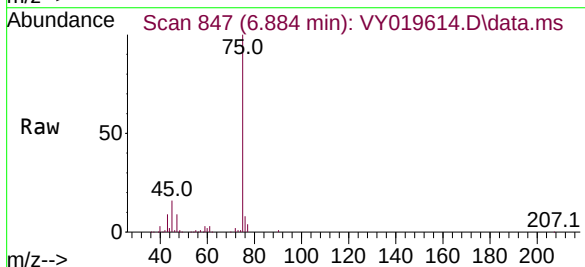
Instrument :
MSVOA_Y
ClientSampleId :

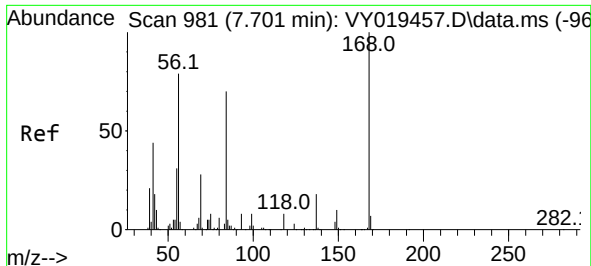
Tgt Ion: 43 Resp: 12225
Ion Ratio Lower Upper
43 100
72 17.8 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.001 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

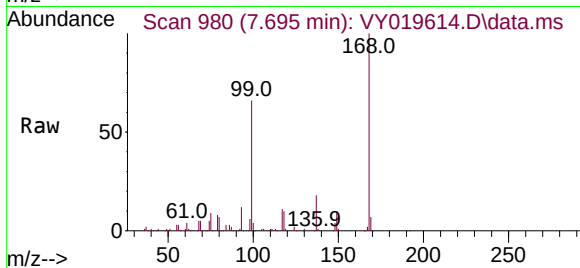
Tgt Ion: 77 Resp: 4938
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



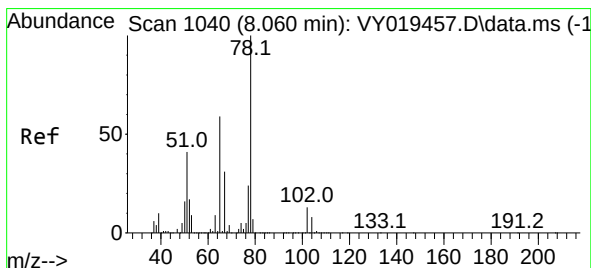
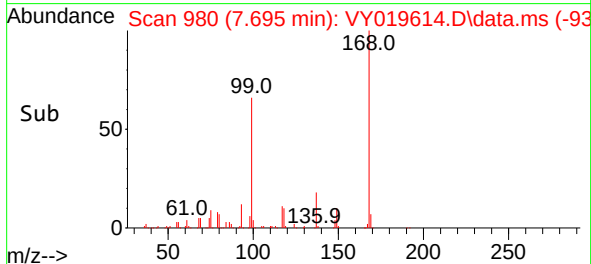
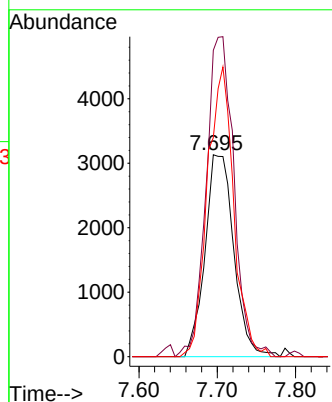


#31
Cyclohexane
Concen: 1.617 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

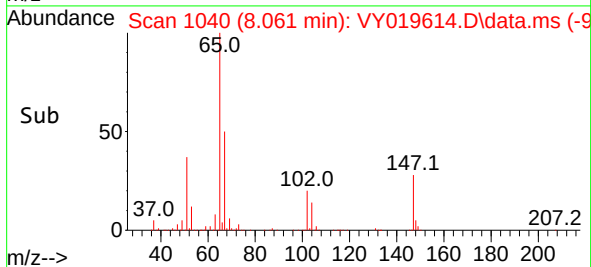
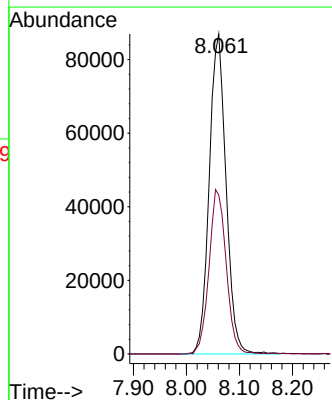
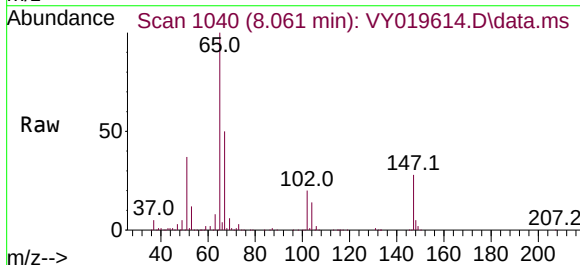


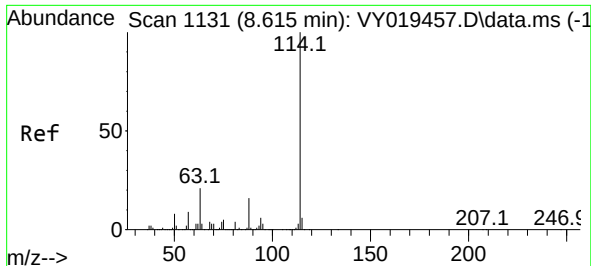
Tgt Ion	Ratio	Lower	Upper
56	100		
69	151.7	28.7	43.1#
84	108.5	77.7	116.5



#33
1,2-Dichloroethane-d4
Concen: 69.315 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

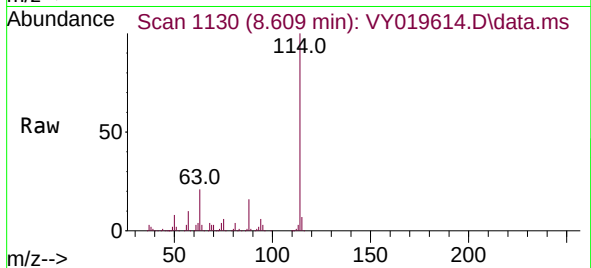
Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	109.6



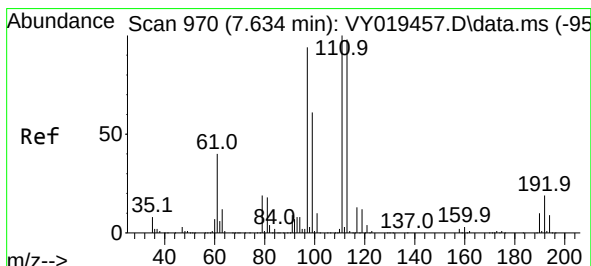
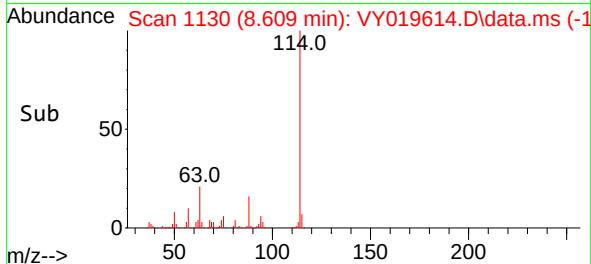
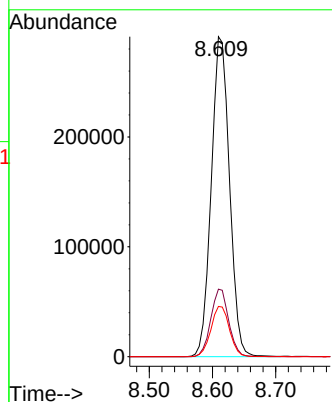


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

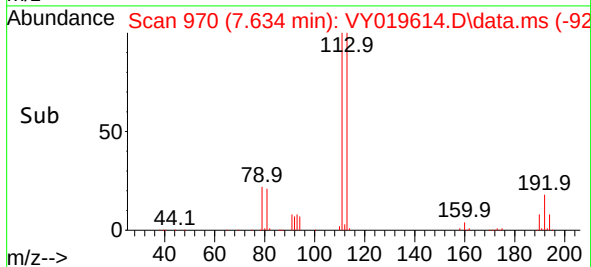
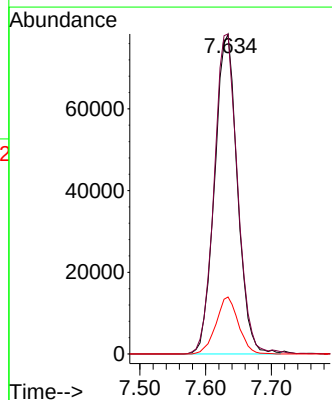
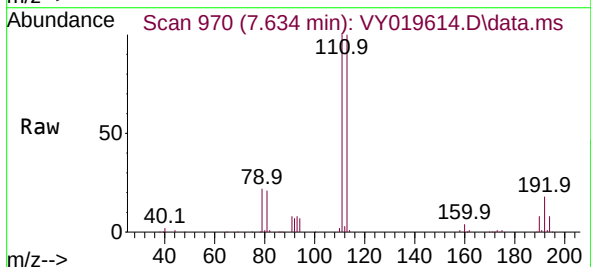


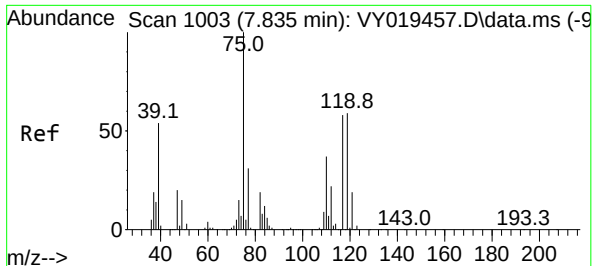
Tgt Ion:114 Resp: 582032
Ion Ratio Lower Upper
114 100
63 21.1 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.172 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

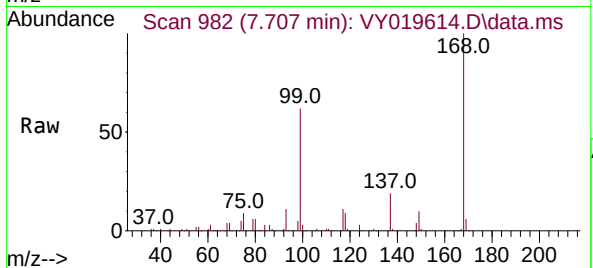
Tgt Ion:113 Resp: 188669
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.5 15.9 23.9



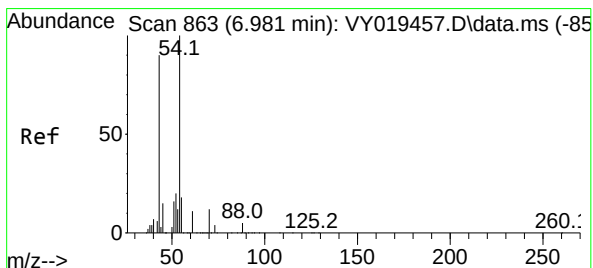
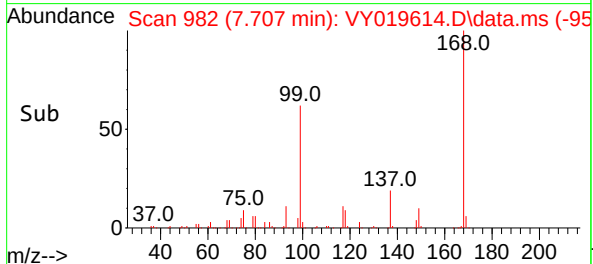
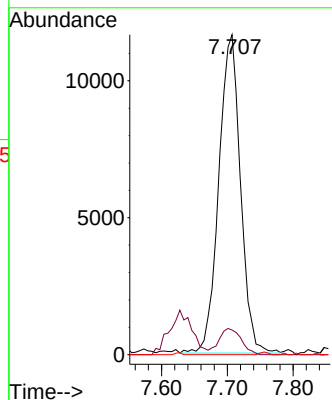


#36
1,1-Dichloropropene
Concen: 5.944 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :

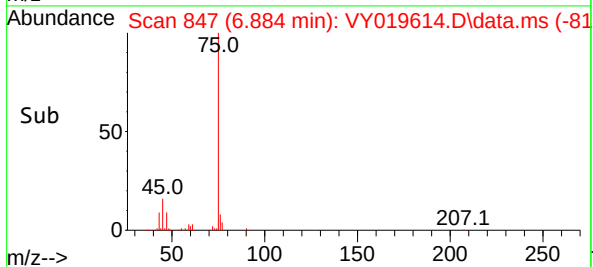
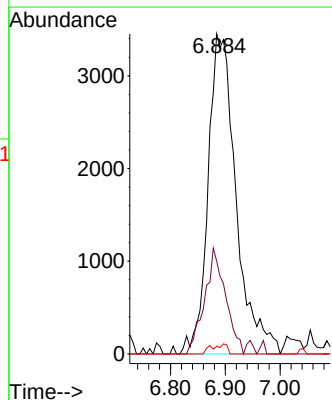
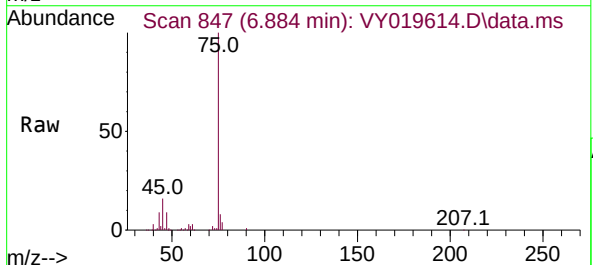


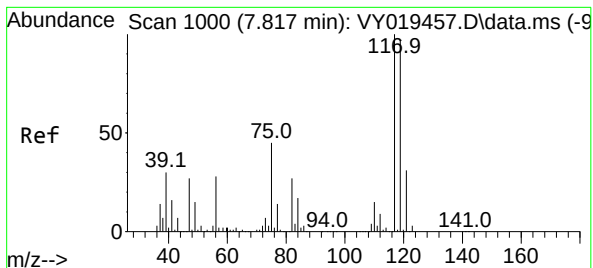
Tgt Ion: 75 Resp: 26689
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 5.313 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.097 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Tgt Ion: 43 Resp: 12225
Ion Ratio Lower Upper
43 100
61 24.8 12.6 19.0#
70 0.6 7.8 11.8#





#38

Carbon Tetrachloride

Concen: 6.331 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

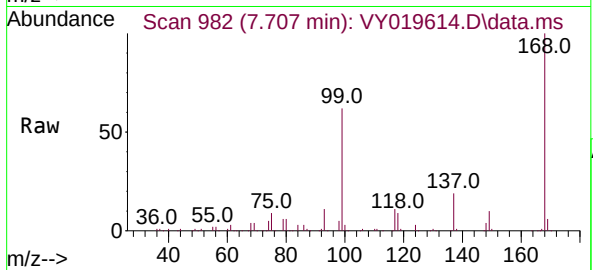
Lab File: VY019614.D

Acq: 18 Sep 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :



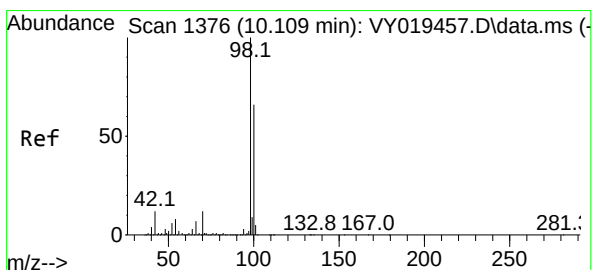
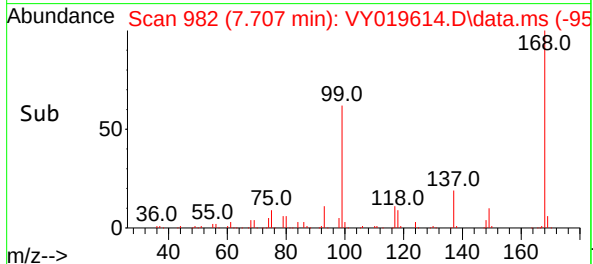
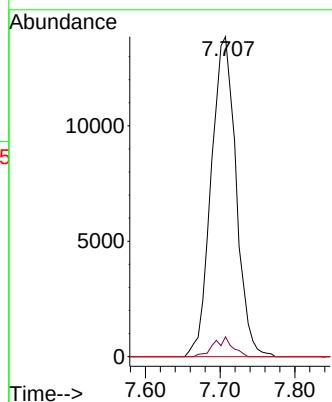
Tgt Ion:117 Resp: 32056

Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.604 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019614.D

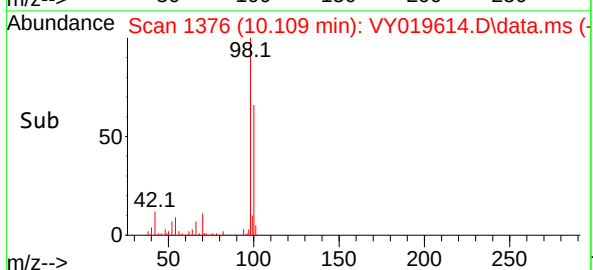
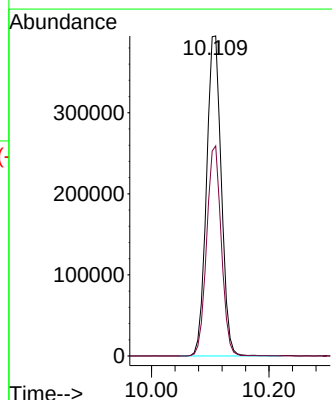
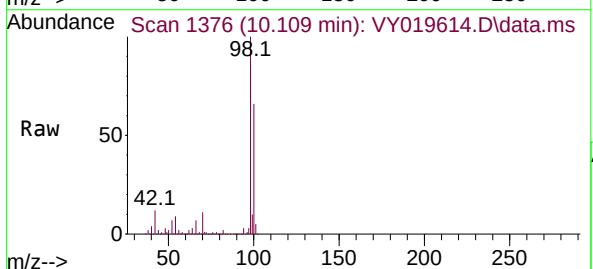
Acq: 18 Sep 2024 18:28

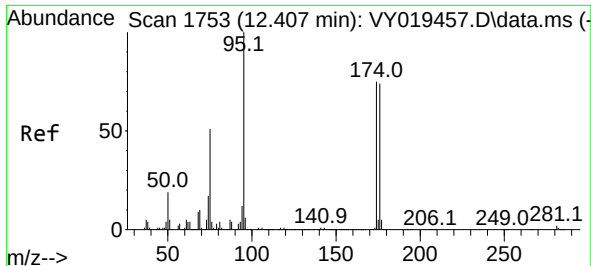
Tgt Ion: 98 Resp: 690907

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

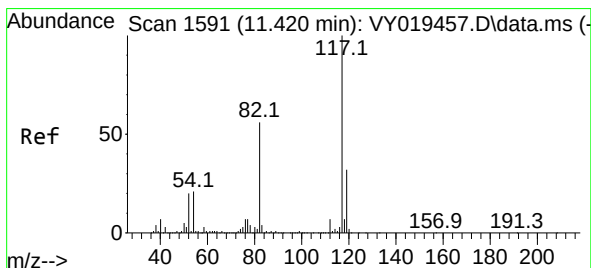
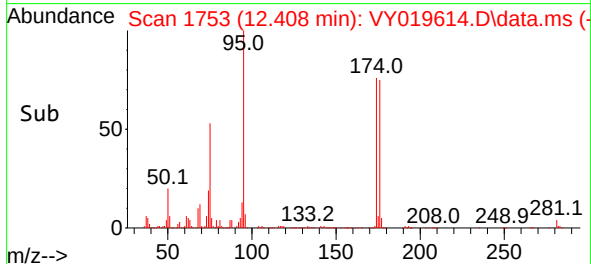
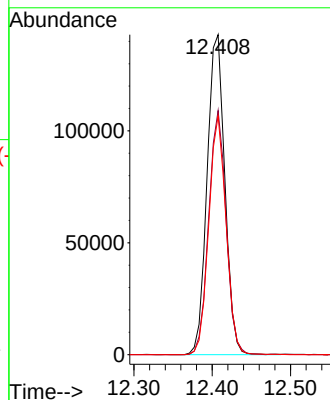
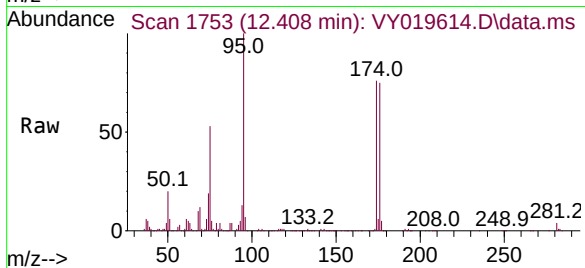




#62
4-Bromofluorobenzene
Concen: 47.944 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

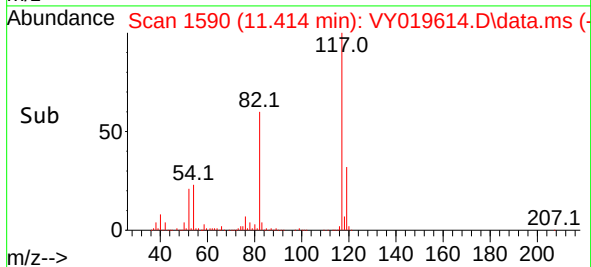
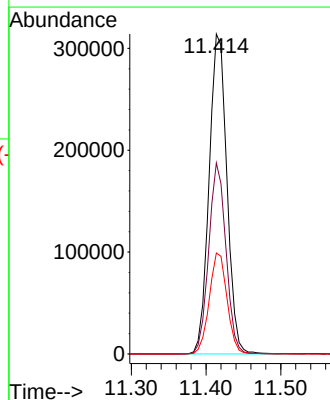
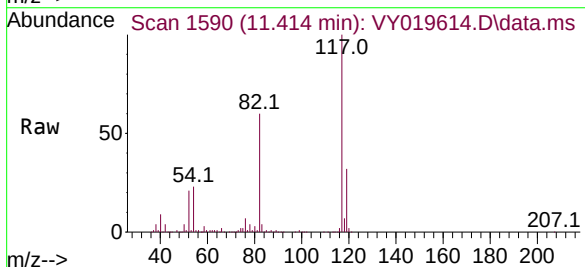
Instrument :
MSVOA_Y
ClientSampleId :

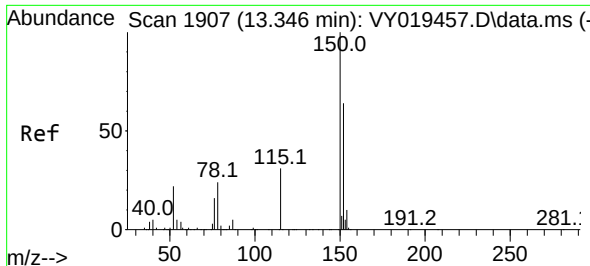
Tgt Ion: 95 Resp: 225014
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Tgt Ion: 117 Resp: 520084
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.5 25.9 38.9

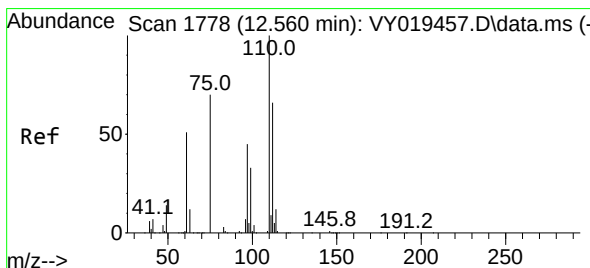
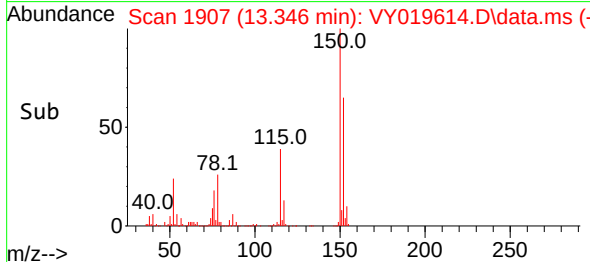
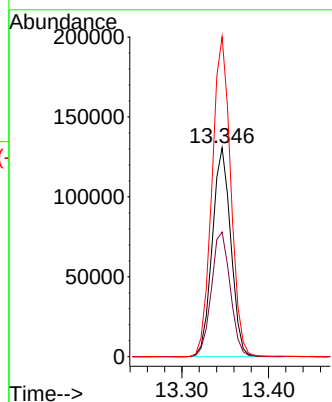
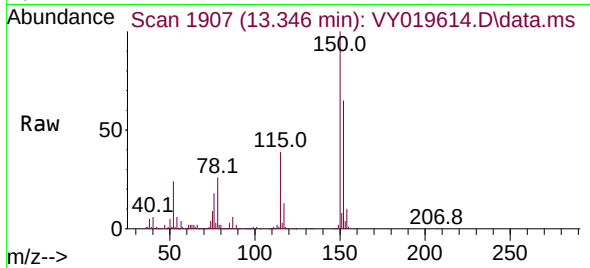




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019614.D
 Acq: 18 Sep 2024 18:28

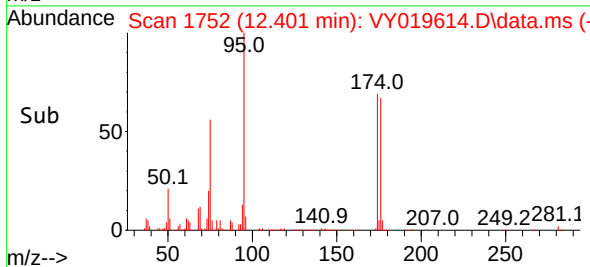
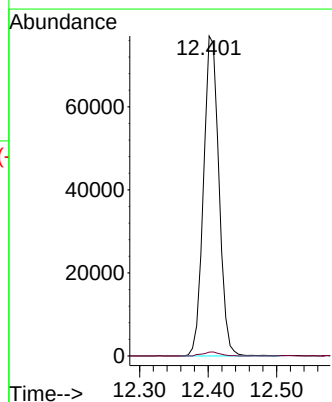
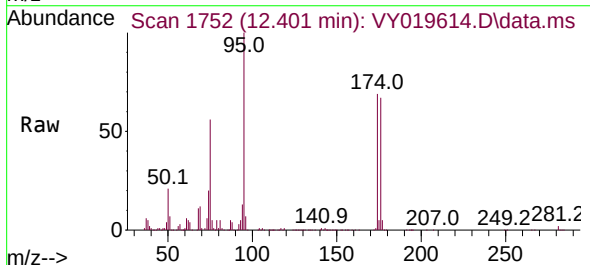
Instrument :
 MSVOA_Y
 ClientSampleId :

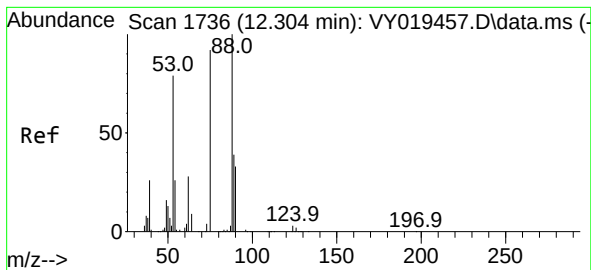
Tgt Ion:152 Resp: 193978
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.2 84.7
 150 154.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 66.458 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019614.D
 Acq: 18 Sep 2024 18:28

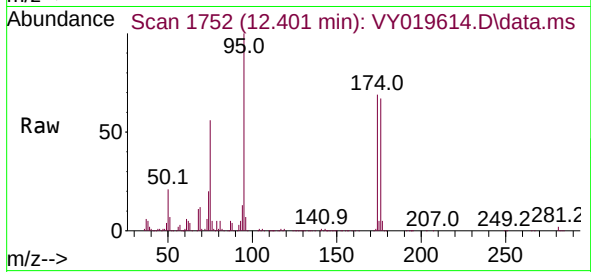
Tgt Ion: 75 Resp: 120829
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.579 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019614.D
 Acq: 18 Sep 2024 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 120829
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

