

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019712.D
 Acq On : 26 Sep 2024 14:56
 Operator : SY/MD
 Sample : P4190-03
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 02:02:33 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)

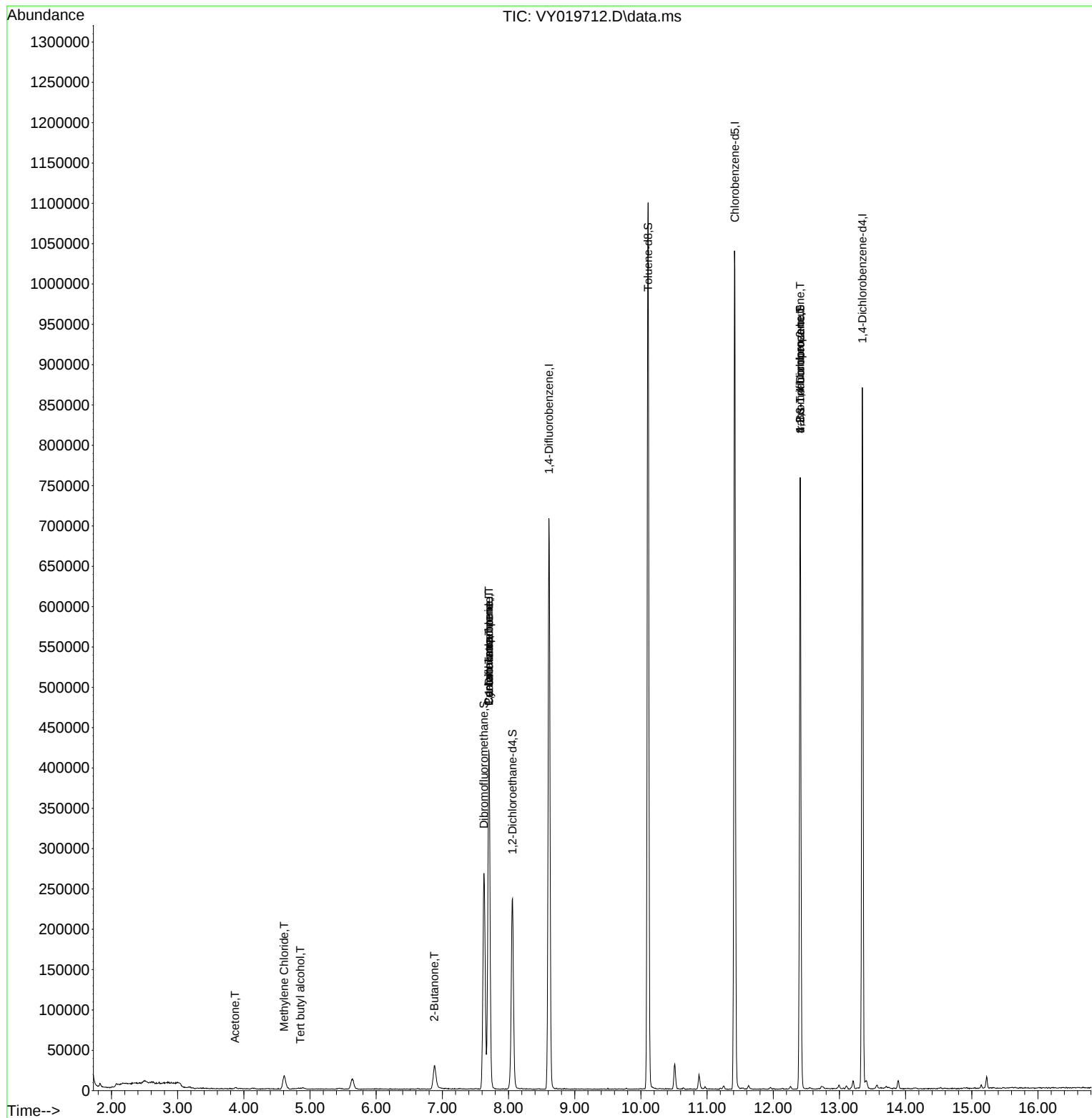
Internal Standards						
1) Pentafluorobenzene	7.701	168	314281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	602031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	541195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	208248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	186530	64.096	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.200%		
35) Dibromofluoromethane	7.628	113	192295	56.335	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.680%		
50) Toluene-d8	10.109	98	713673	56.527	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.060%		
62) 4-Bromofluorobenzene	12.408	95	236461	48.709	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 97.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	151	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	1139	4.846	ug/l	# 96
13) Acrolein	3.647	56	58	Below Cal	#	10
16) Acetone	3.866	43	2992	4.316	ug/l	88
20) Methylene Chloride	4.610	84	11819	3.738	ug/l	# 84
25) 2-Butanone	6.878	43	1986	2.014	ug/l	# 65
31) Cyclohexane	7.701	56	7728	1.484	ug/l	# 1
36) 1,1-Dichloropropene	7.701	75	28052	6.040	ug/l	# 47
38) Carbon Tetrachloride	7.701	117	34054	6.502	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	127073	65.103	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	127073	124.978	ug/l	# 16

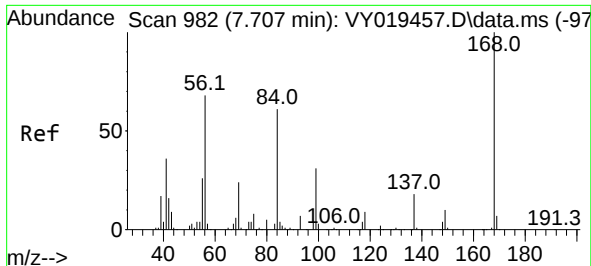
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
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Instrument :
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Quant Time: Sep 27 02:02:33 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

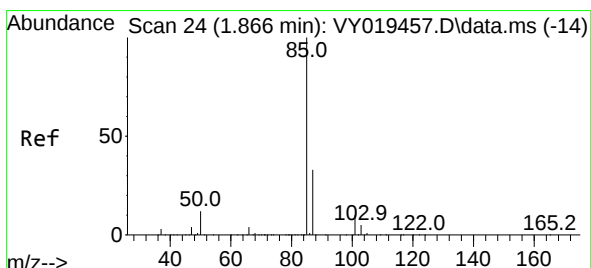
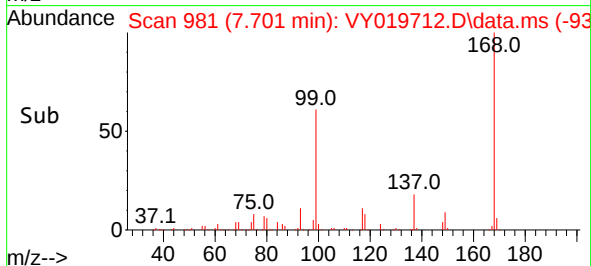
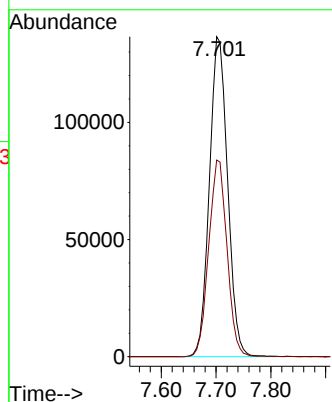
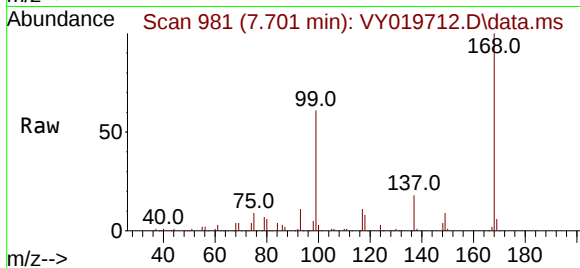




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

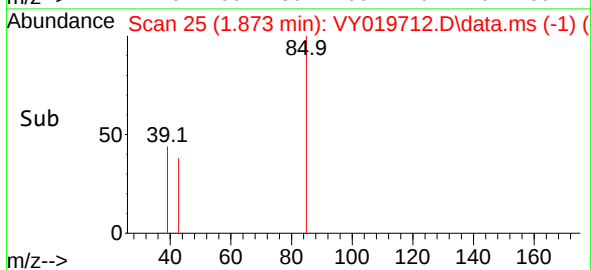
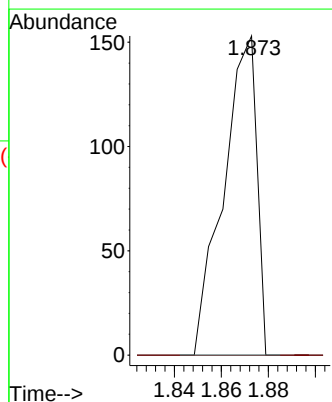
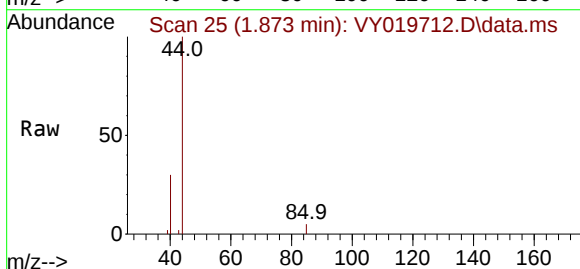
Instrument :
MSVOA_Y
ClientSampleId :

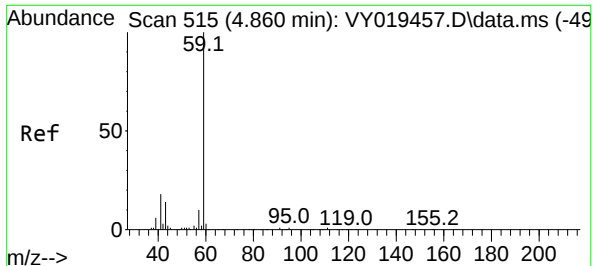
Tgt Ion:168 Resp: 314281
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

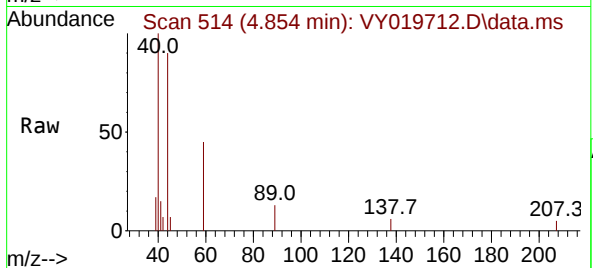
Tgt Ion: 85 Resp: 151
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



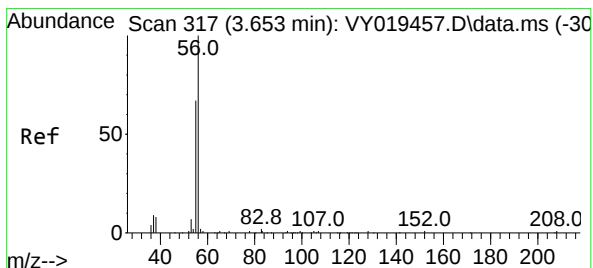
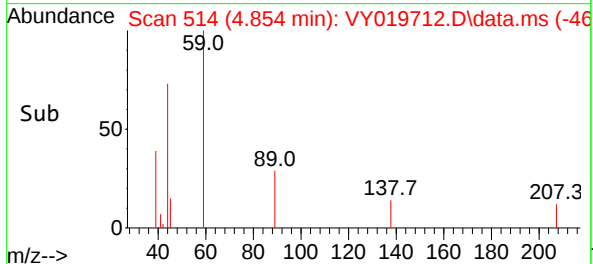
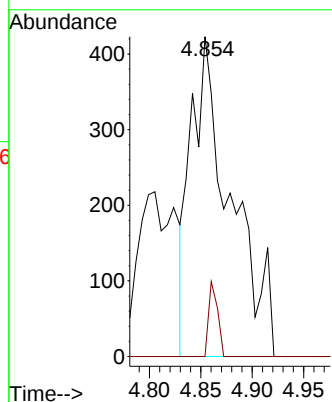


#11
Tert butyl alcohol
Concen: 4.846 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

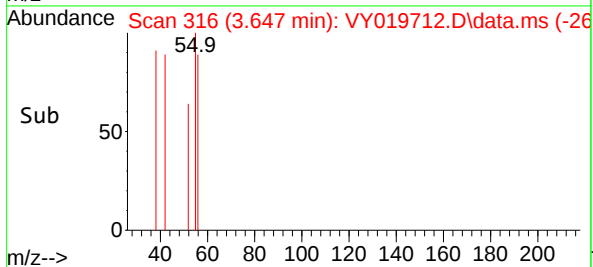
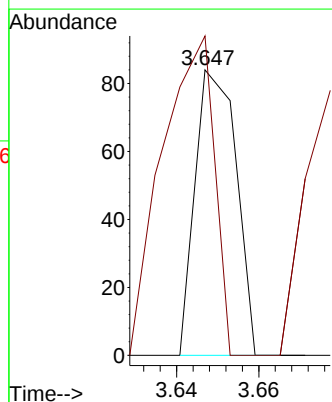
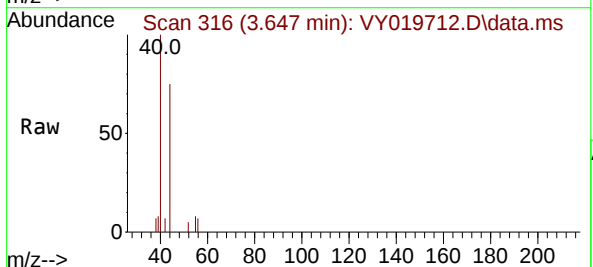


Tgt Ion: 59 Resp: 1139
Ion Ratio Lower Upper
59 100
57 5.3 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.647 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 143.1 55.7 83.5#

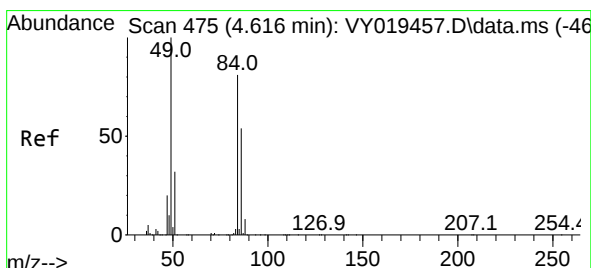
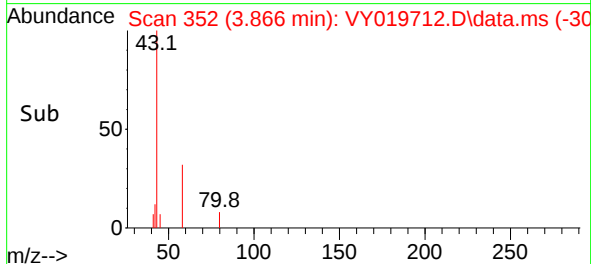
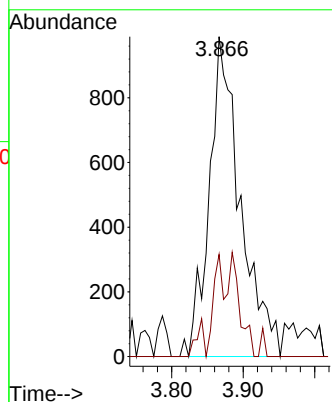
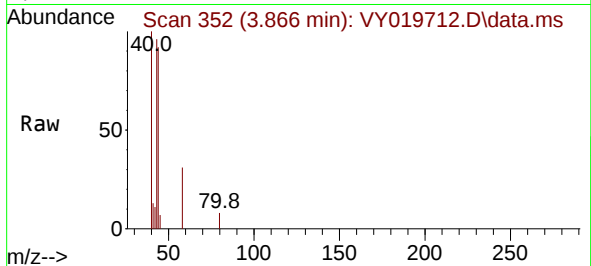




#16
Acetone
Concen: 4.316 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

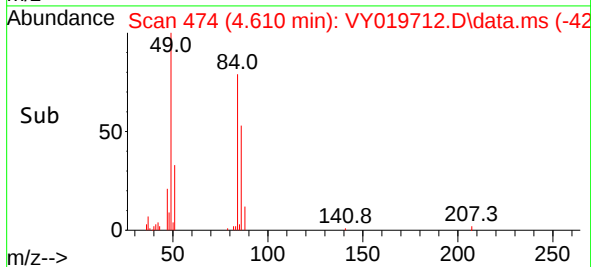
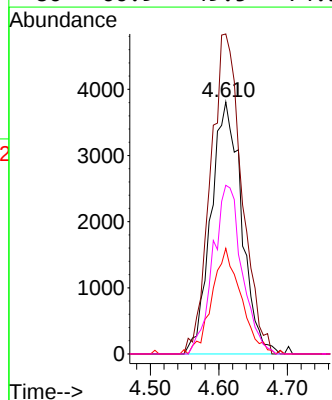
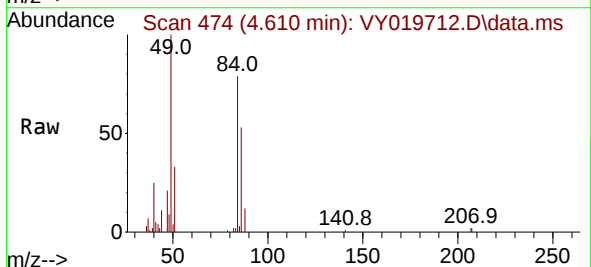
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2992
Ion Ratio Lower Upper
43 100
58 32.0 31.7 47.5



#20
Methylene Chloride
Concen: 3.738 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

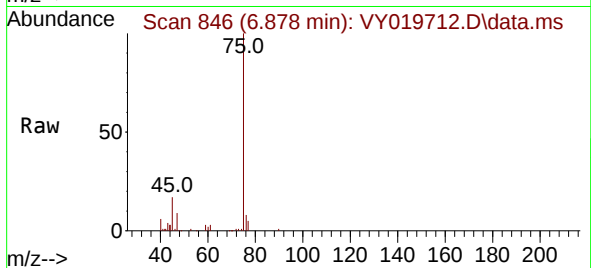
Tgt Ion: 84 Resp: 11819
Ion Ratio Lower Upper
84 100
49 127.0 84.4 126.6#
51 41.9 26.0 39.0#
86 66.9 49.5 74.3



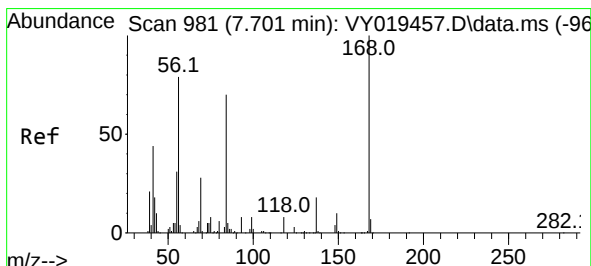
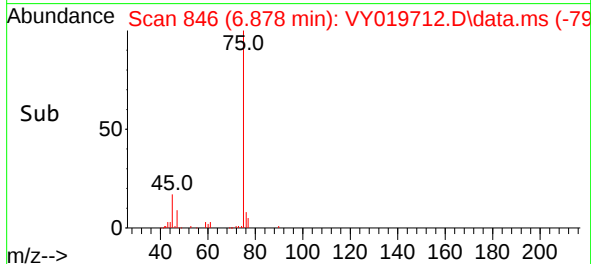
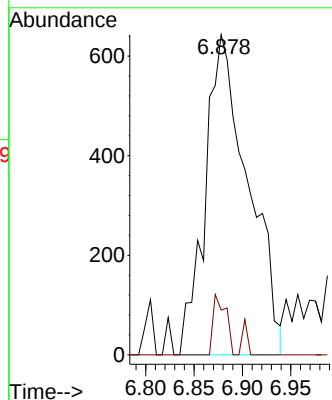


#25
2-Butanone
Concen: 2.014 ug/l
RT: 6.878 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

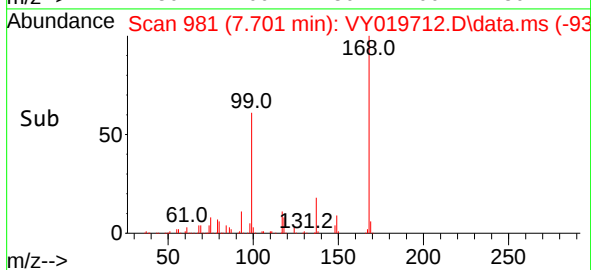
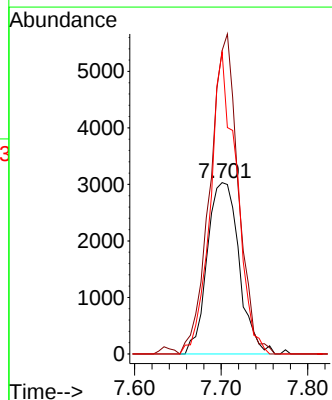
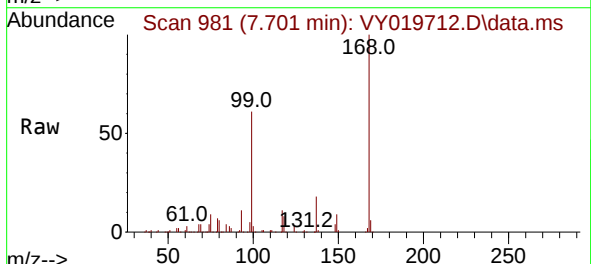


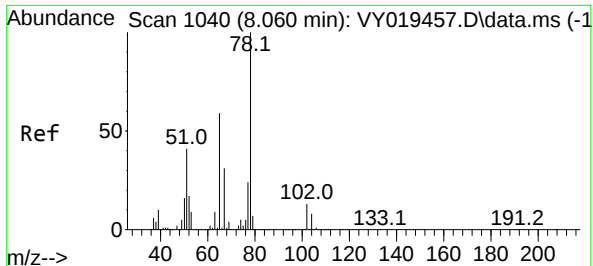
Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
72 14.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Tgt Ion: 56 Resp: 7728
Ion Ratio Lower Upper
56 100
69 177.0 28.7 43.1#
84 176.0 77.7 116.5#

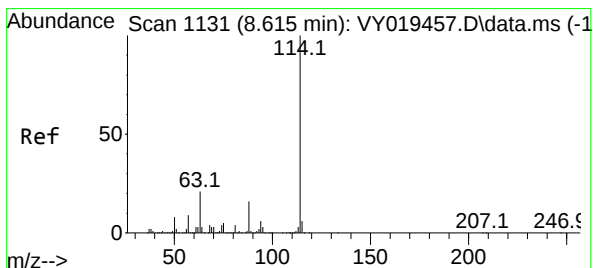
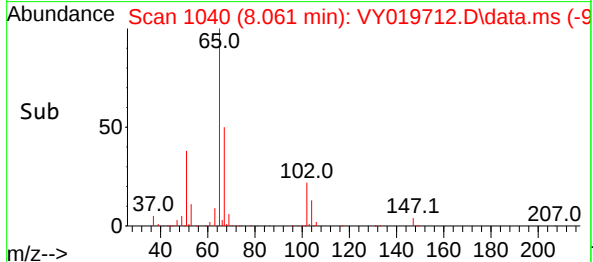
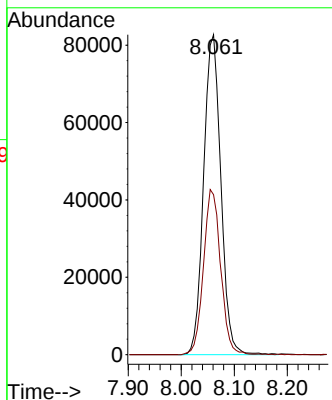
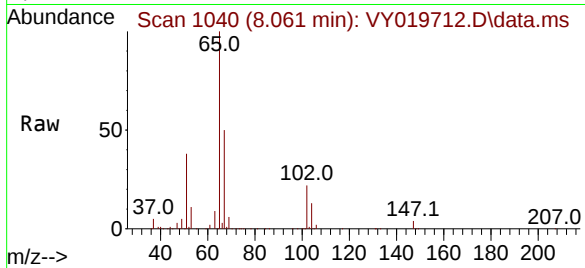




#33
 1,2-Dichloroethane-d4
 Concen: 64.096 ug/l
 RT: 8.061 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VY019712.D
 Acq: 26 Sep 2024 14:56

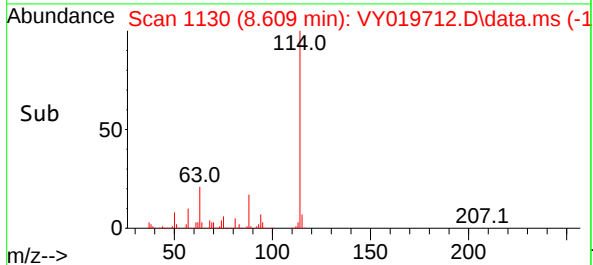
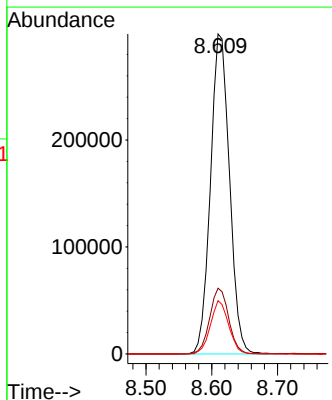
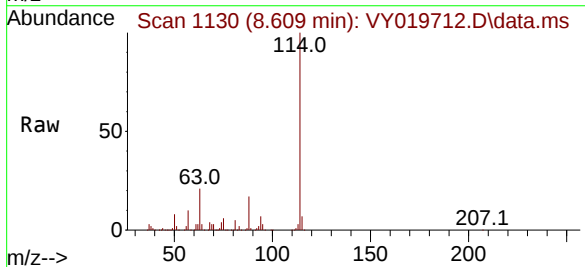
Instrument :
 MSVOA_Y
 ClientSampleId :

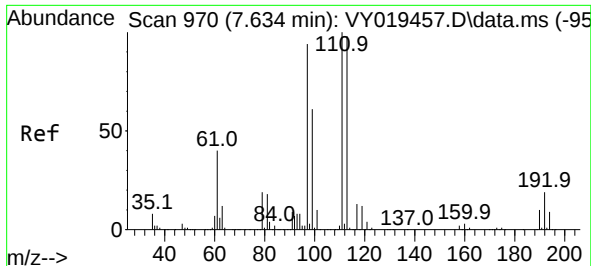
Tgt Ion: 65 Resp: 186530
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY019712.D
 Acq: 26 Sep 2024 14:56

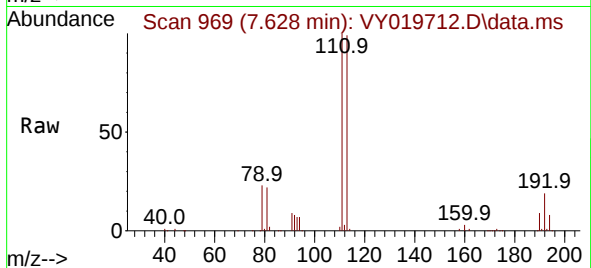
Tgt Ion: 114 Resp: 602031
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.0
 88 16.7 0.0 27.2



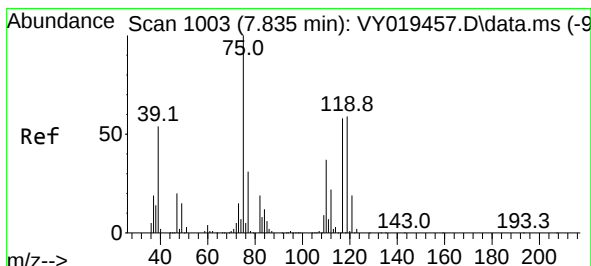
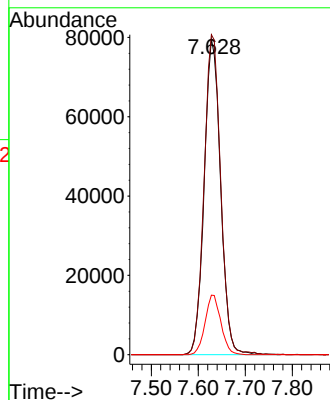
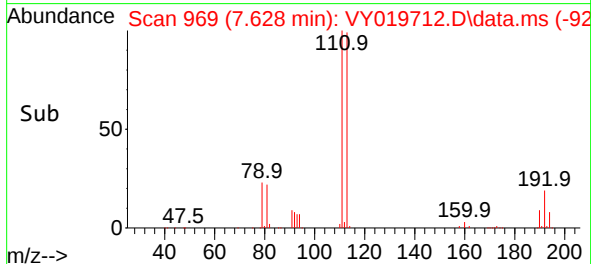


#35
Dibromofluoromethane
Concen: 56.335 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

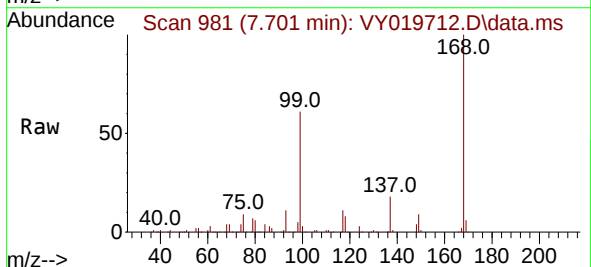
Instrument :
MSVOA_Y
ClientSampleId :



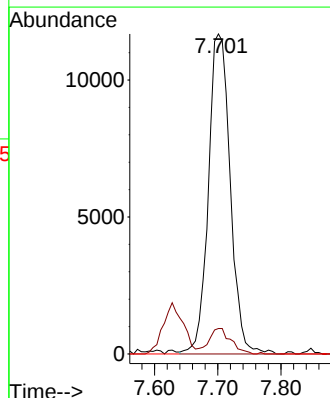
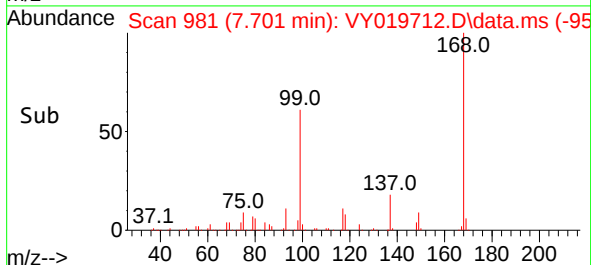
Tgt Ion:113 Resp: 192295
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.2 15.9 23.9

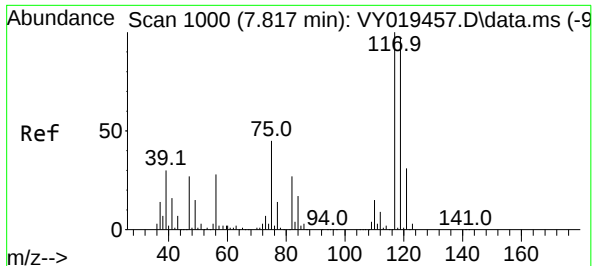


#36
1,1-Dichloropropene
Concen: 6.040 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56



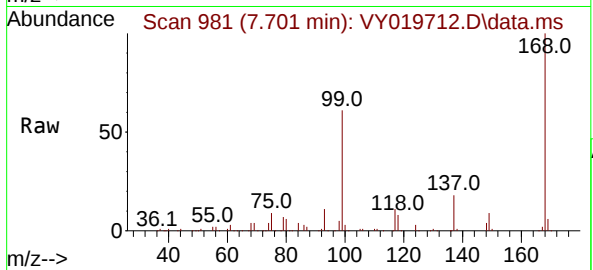
Tgt Ion: 75 Resp: 28052
Ion Ratio Lower Upper
75 100
110 7.8 19.0 57.0#
77 0.0 25.3 37.9#



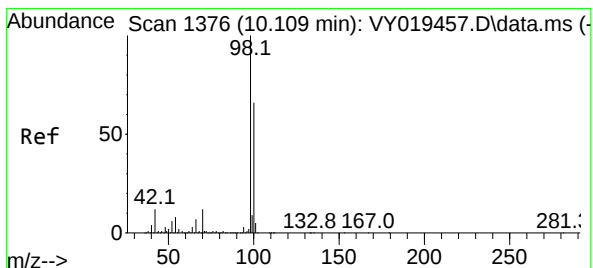
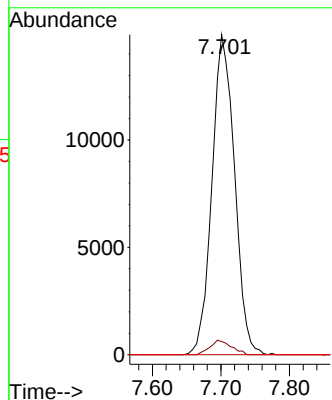
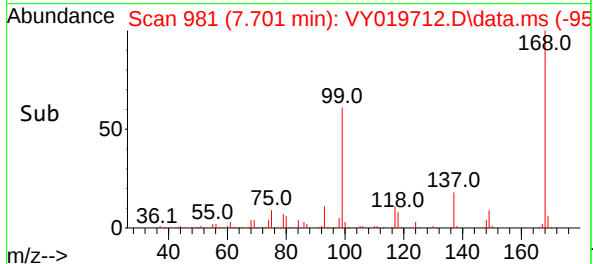


#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Instrument :
MSVOA_Y
ClientSampleId :

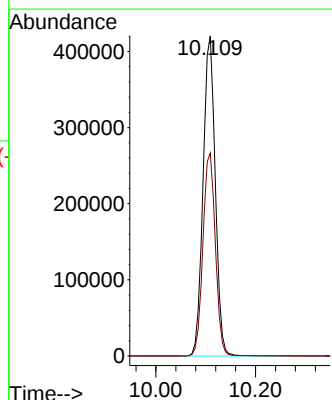
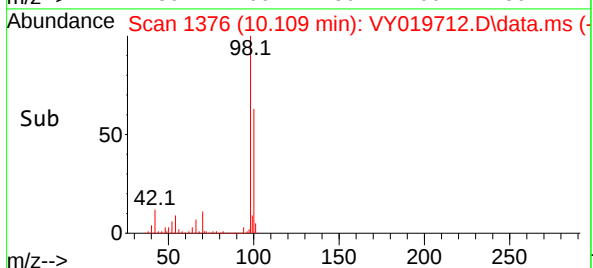
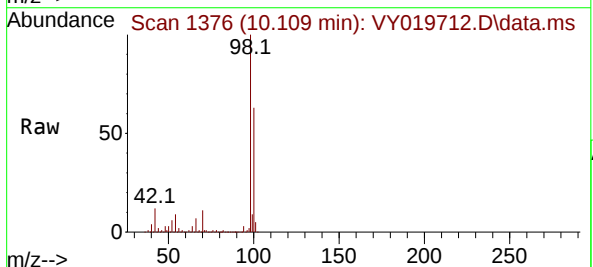


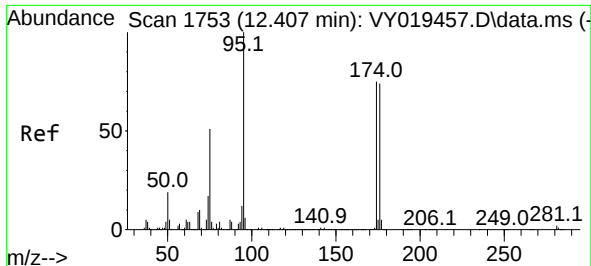
Tgt Ion:117 Resp: 34054
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.527 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Tgt Ion: 98 Resp: 713673
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

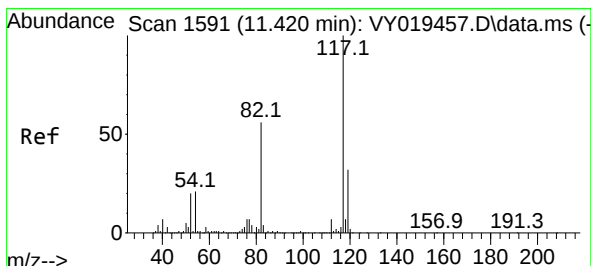
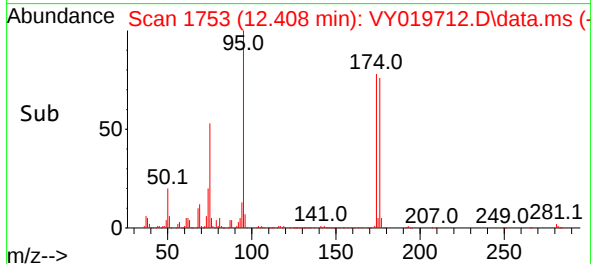
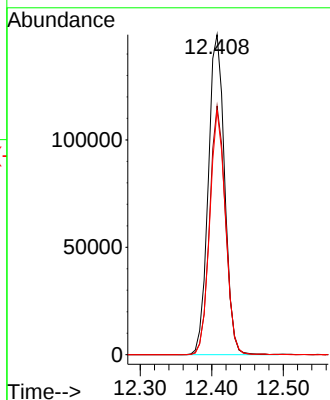
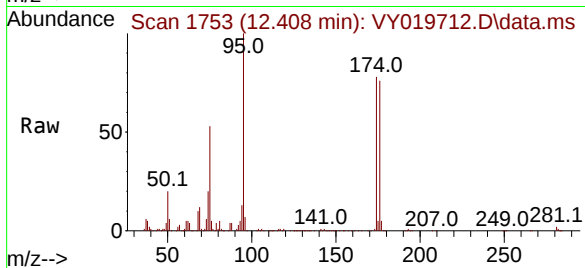




#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

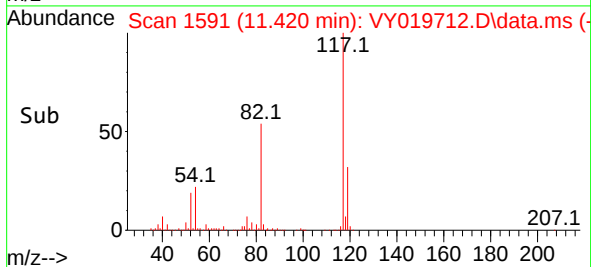
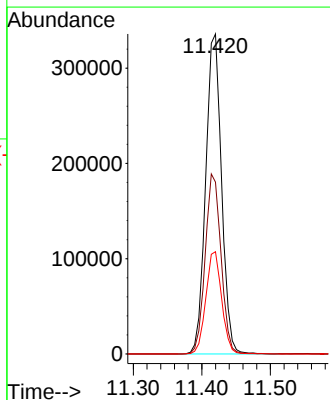
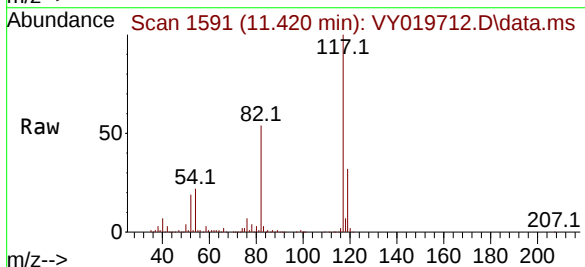
Instrument :
MSVOA_Y
ClientSampleId :

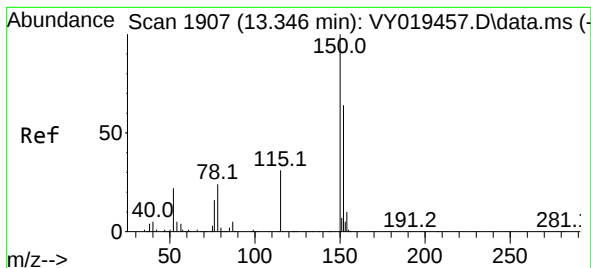
Tgt Ion: 95 Resp: 236461
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 73.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019712.D
Acq: 26 Sep 2024 14:56

Tgt Ion: 117 Resp: 541195
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.0 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: VY019712.D

Acq: 26 Sep 2024 14:56

Instrument :

MSVOA_Y

ClientSampleId :

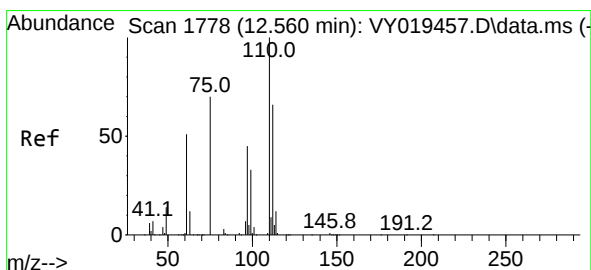
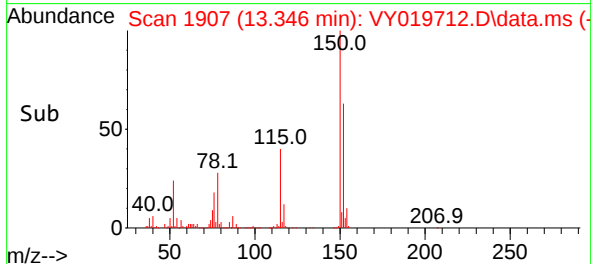
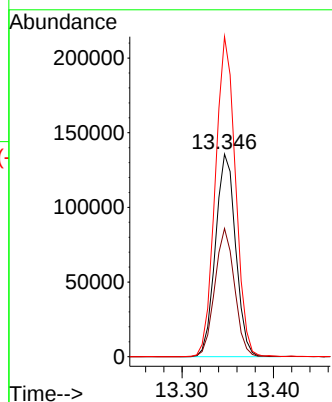
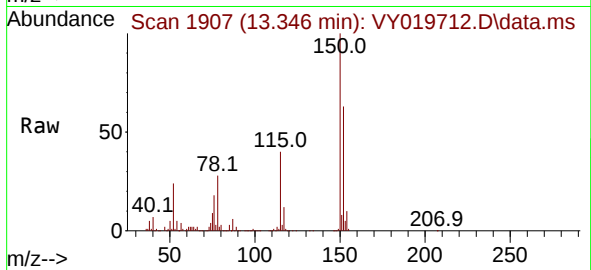
Tgt Ion:152 Resp: 208248

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.103 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019712.D

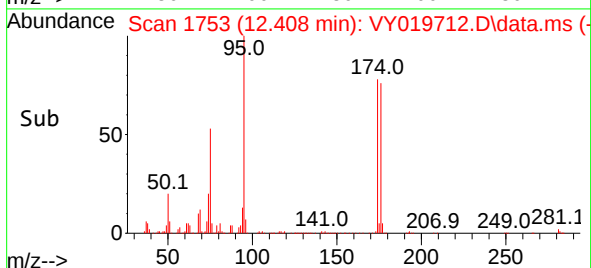
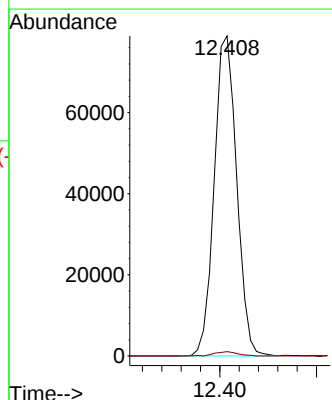
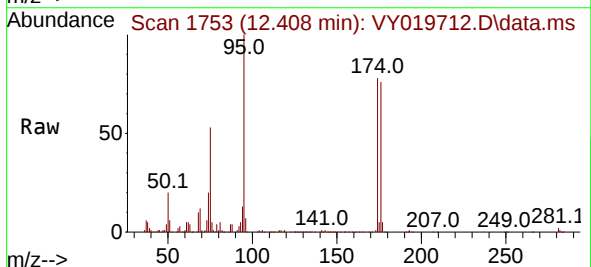
Acq: 26 Sep 2024 14:56

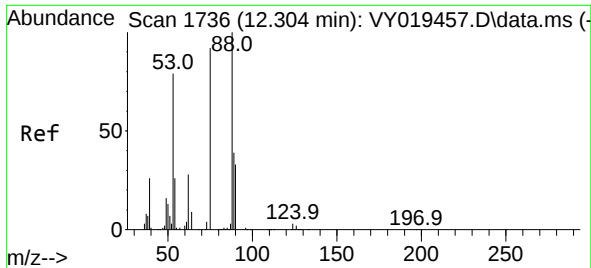
Tgt Ion: 75 Resp: 127073

Ion Ratio Lower Upper

75 100

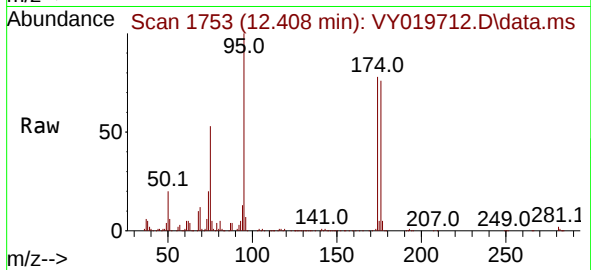
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.978 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019712.D
 Acq: 26 Sep 2024 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	127073
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	35.8	53.6#

