

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019683.D
 Acq On : 24 Sep 2024 15:31
 Operator : SY/MD
 Sample : P4144-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:26:41 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	160421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	271079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	62194	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81854	55.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.200%	
35) Dibromofluoromethane	7.634	113	82693	53.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.103	98	313633	55.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.340%	
62) 4-Bromofluorobenzene	12.402	95	85471	39.101	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.200%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.861	85	59	Below Cal	#	43
3) Chloromethane	2.032	50	3913	2.948	ug/l	# 65
11) Tert butyl alcohol	4.842	59	11314	94.312	ug/l	# 88
13) Acrolein	3.617	56	1021	3.554	ug/l	# 1
15) Acrylonitrile	5.129	53	2581	7.454	ug/l	# 24
16) Acetone	3.861	43	64576	182.475	ug/l	# 79
17) Carbon Disulfide	4.104	76	7058	1.835	ug/l	# 94
18) Methyl Acetate	4.391	43	3710	3.863	ug/l	# 71
20) Methylene Chloride	4.604	84	6980	4.325	ug/l	93
25) 2-Butanone	6.890	43	7765	15.428	ug/l	# 72
26) 2,2-Dichloropropane	6.890	77	3521	1.327	ug/l	# 51
31) Cyclohexane	7.701	56	159415	59.965	ug/l	92
36) 1,1-Dichloropropene	7.701	75	13876	6.635	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	17438	7.394	ug/l	# 16
39) Methylcyclohexane	9.110	83	242203	87.024	ug/l	93
40) Benzene	8.079	78	10311818	1600.833	ug/l	98
42) 1,2-Dichloroethane	8.079	62	94725	54.649	ug/l	# 71
43) Isopropyl Acetate	8.195	43	6744	2.996	ug/l	# 47
48) Methyl methacrylate	9.164	41	3622	3.407	ug/l	# 7
51) 4-Methyl-2-Pentanone	10.000	43	13146	11.607	ug/l	95
52) Toluene	10.170	92	10039385	2423.317	ug/l	86
53) t-1,3-Dichloropropene	10.170	75	129112	58.509	ug/l	# 1
55) 1,1,2-Trichloroethane	10.542	97	17946	15.090	ug/l	# 21
56) Ethyl methacrylate	10.439	69	10725	5.937	ug/l	# 17
59) 2-Hexanone	10.908	43	1437	1.731	ug/l	80
67) Ethyl Benzene	11.518	91	3074246	436.078	ug/l	99
68) m/p-Xylenes	11.627	106	10919408	4096.299	ug/l	79
69) o-Xylene	11.957	106	7544564	2894.013	ug/l	88
70) Styrene	11.969	104	4169264	947.237	ug/l	# 74
73) Isopropylbenzene	12.255	105	299097	66.289	ug/l	100
74) N-amyl acetate	12.048	43	14607	11.904	ug/l	# 51
75) 1,1,2,2-Tetrachloroethane	12.450	83	2327	2.906	ug/l	# 26
76) 1,2,3-Trichloropropane	12.530	75	4272	7.328	ug/l	# 100
78) n-propylbenzene	12.597	91	761869	142.461	ug/l	100
79) 2-Chlorotoluene	12.658	91	431391	138.416	ug/l	# 41
80) 1,3,5-Trimethylbenzene	12.737	105	6141089	1674.210	ug/l	100

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

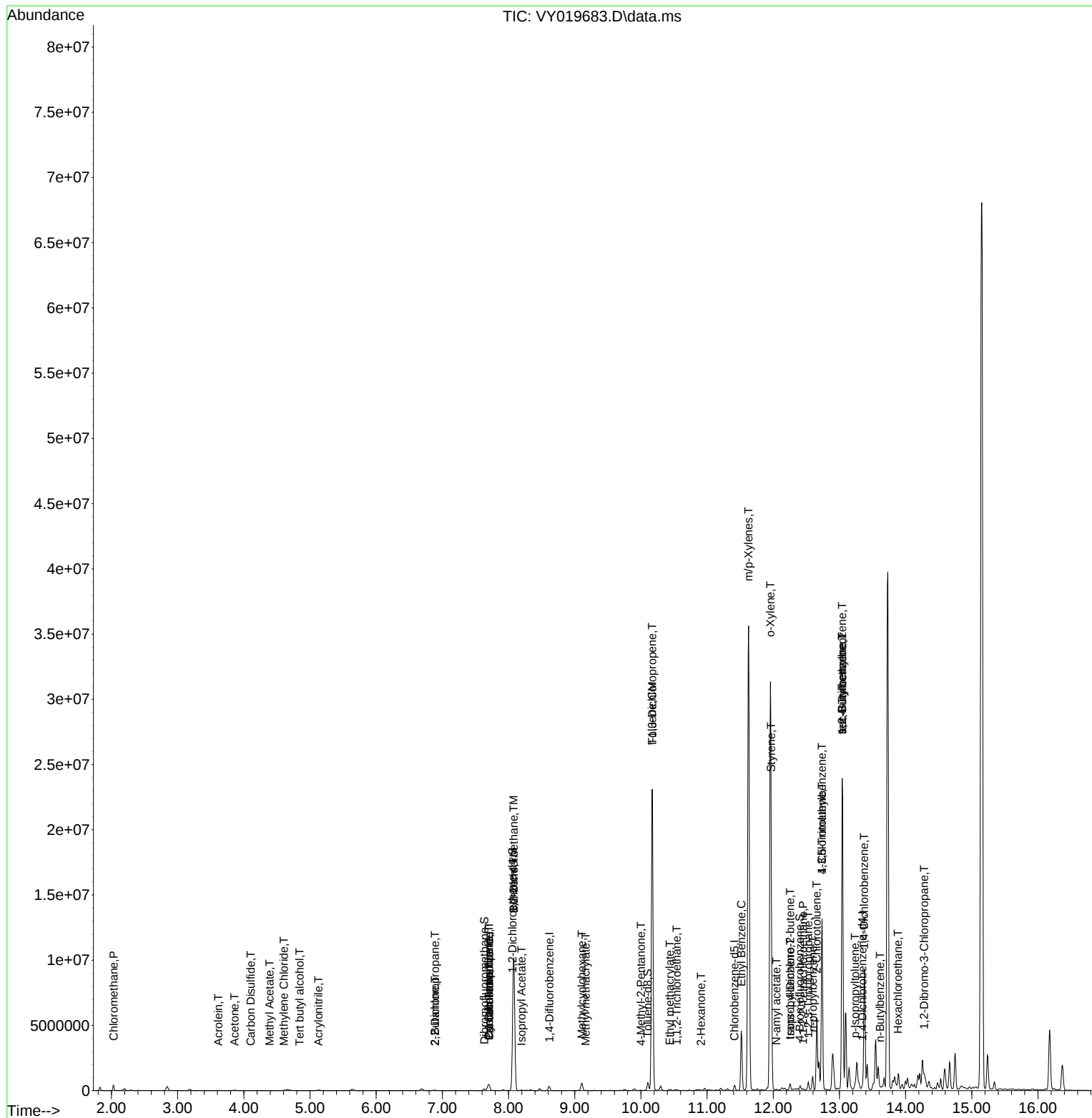
81) trans-1,4-Dichloro-2-b...	12.255	75	3846	12.665	ug/l #	61
82) 4-Chlorotoluene	12.737	91	703574	219.584	ug/l #	39
83) tert-Butylbenzene	13.042	119	1590863	479.079	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.042	105	11791393	3247.531	ug/l	96
85) sec-Butylbenzene	13.042	105	11791393	2444.311	ug/l #	56
86) p-Isopropyltoluene	13.237	119	263608	66.790	ug/l	86
88) 1,4-Dichlorobenzene	13.371	146	2918	1.512	ug/l #	45
89) n-Butylbenzene	13.615	91	89445	23.706	ug/l #	61
90) Hexachloroethane	13.883	117	88472	107.732	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.279	75	33748	252.846	ug/l #	1

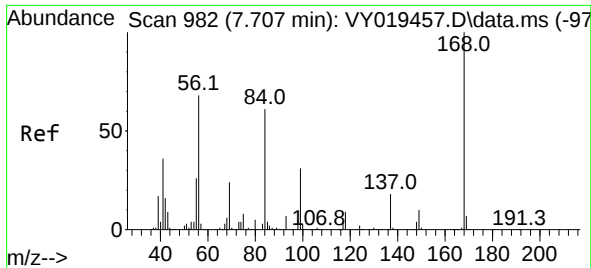
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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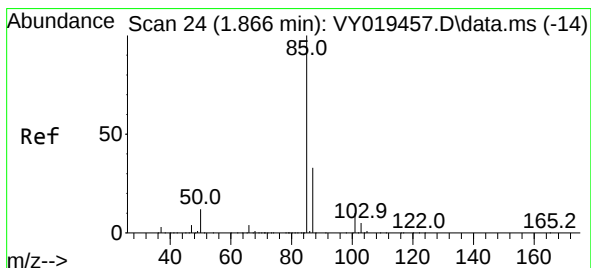
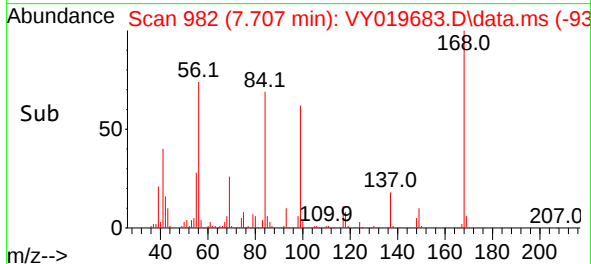
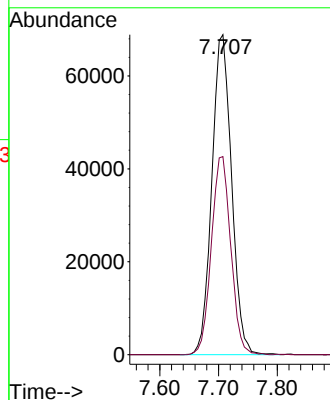
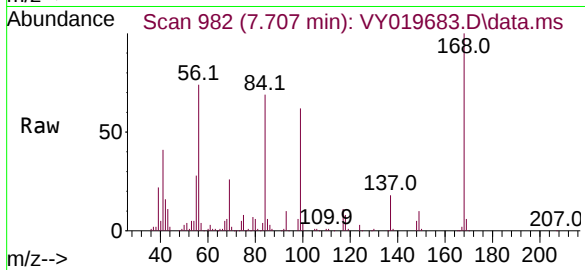




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

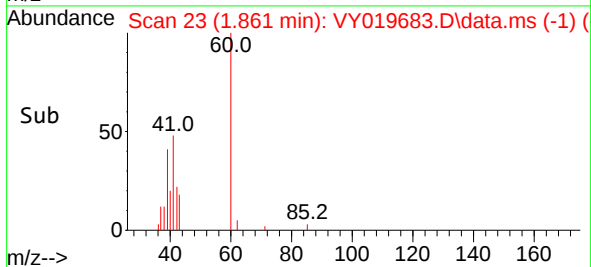
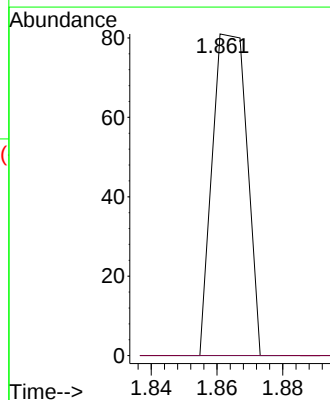
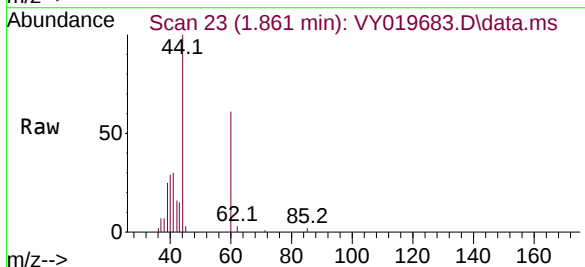
Instrument :
MSVOA_Y
ClientSampleId :

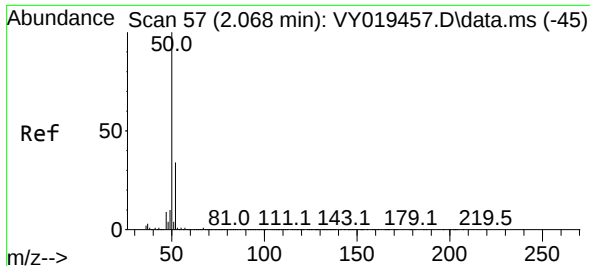
Tgt Ion:168 Resp: 160421
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 85 Resp: 59
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

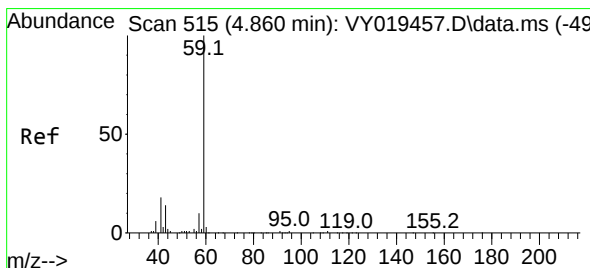
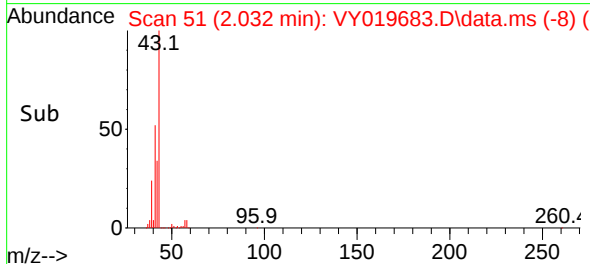
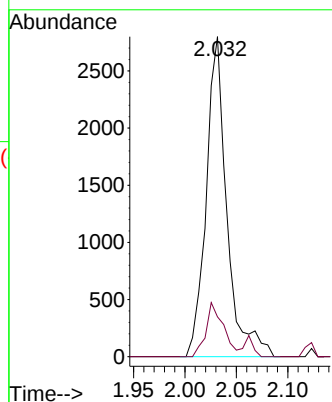
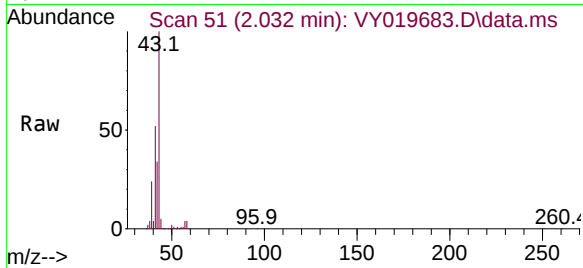




#3
Chloromethane
Concen: 2.948 ug/l
RT: 2.032 min Scan# 51
Delta R.T. -0.036 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

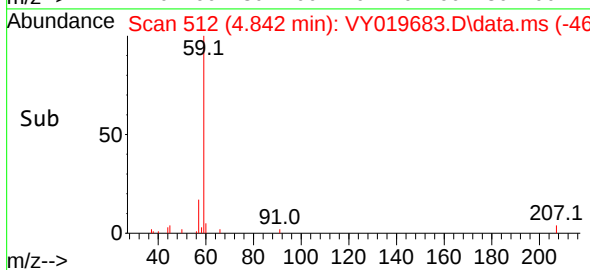
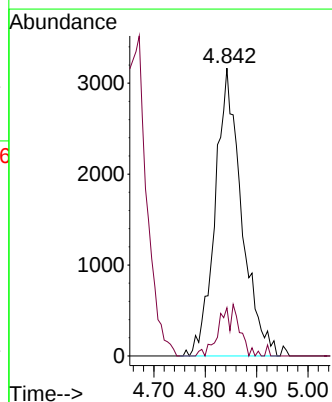
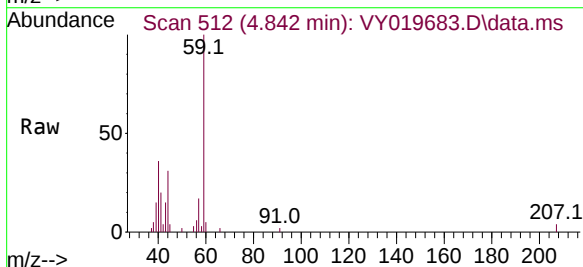
Instrument :
MSVOA_Y
ClientSampleId :

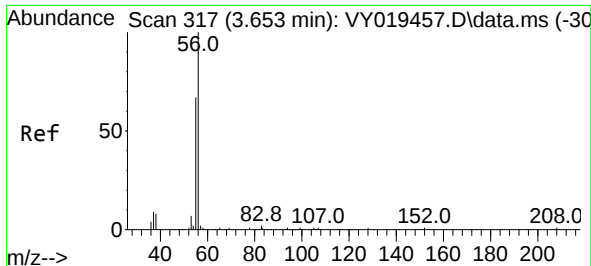
Tgt Ion: 50 Resp: 3913
Ion Ratio Lower Upper
50 100
52 12.4 25.6 38.4#



#11
Tert butyl alcohol
Concen: 94.312 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 59 Resp: 11314
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

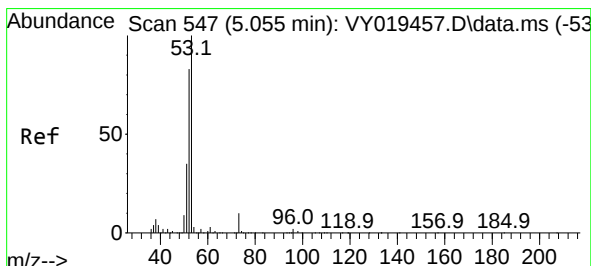
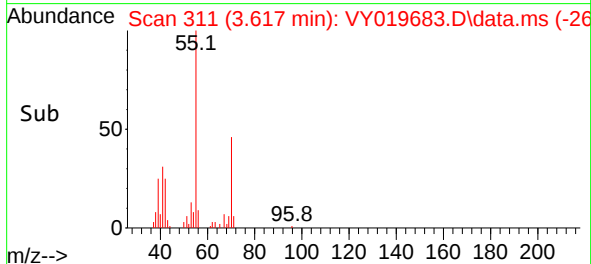
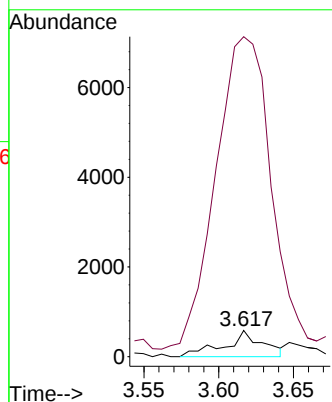
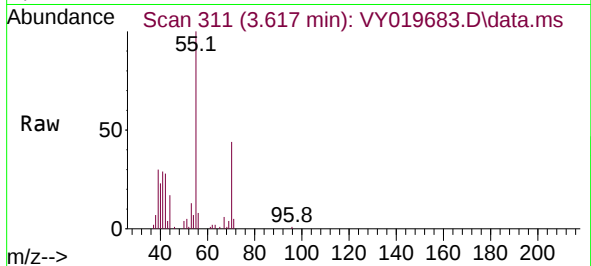




#13
Acrolein
Concen: 3.554 ug/l
RT: 3.617 min Scan# 311
Delta R.T. -0.036 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

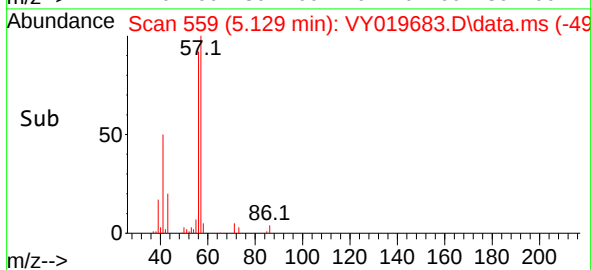
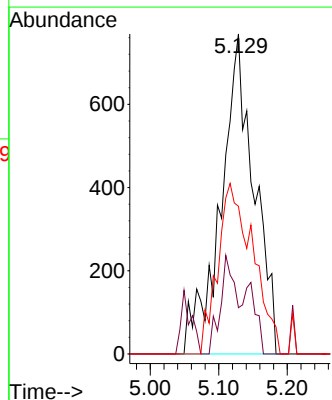
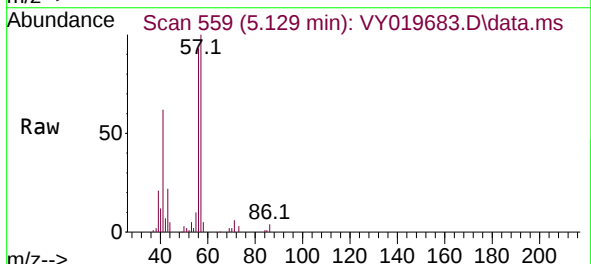
Instrument :
MSVOA_Y
ClientSampleId :

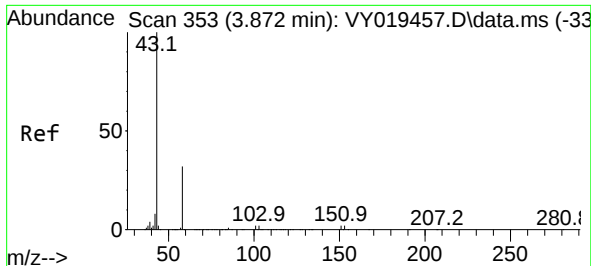
Tgt Ion: 56 Resp: 1021
Ion Ratio Lower Upper
56 100
55 1883.3 55.7 83.5#



#15
Acrylonitrile
Concen: 7.454 ug/l
RT: 5.129 min Scan# 559
Delta R.T. 0.074 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 53 Resp: 2581
Ion Ratio Lower Upper
53 100
52 7.4 64.7 97.1#
51 0.0 28.4 42.6#

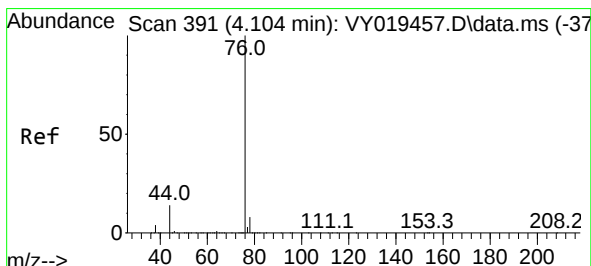
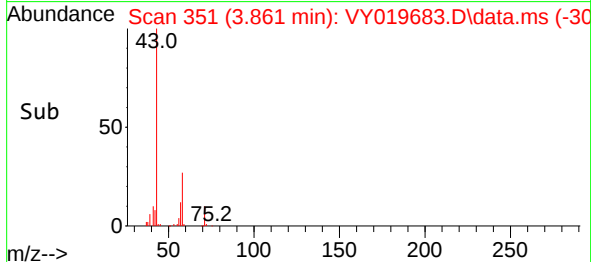
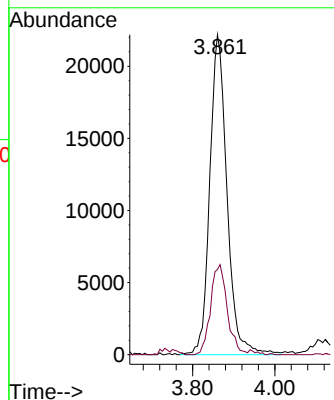
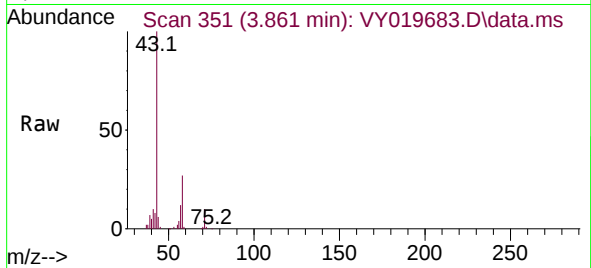




#16
Acetone
Concen: 182.475 ug/l
RT: 3.861 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

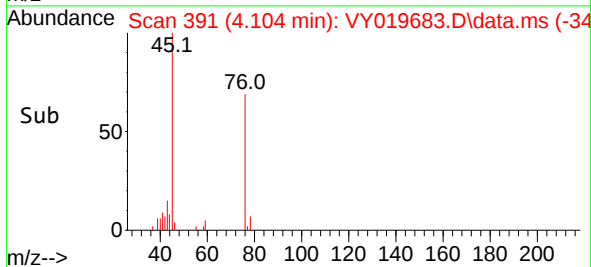
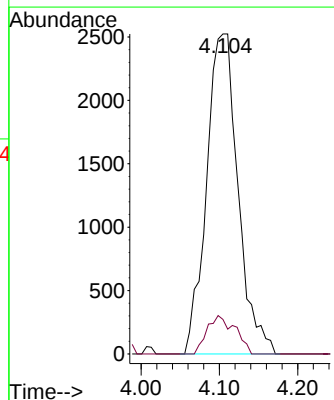
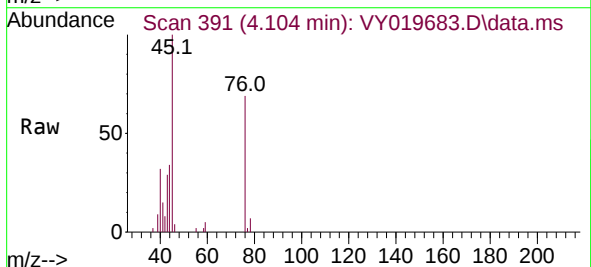
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MSVOA_Y
ClientSampleId :

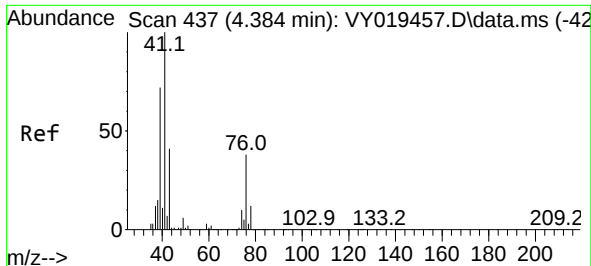
Tgt Ion: 43 Resp: 64576
Ion Ratio Lower Upper
43 100
58 26.7 31.7 47.5#



#17
Carbon Disulfide
Concen: 1.835 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 76 Resp: 7058
Ion Ratio Lower Upper
76 100
78 10.8 6.8 10.2#





#18

Methyl Acetate

Concen: 3.863 ug/l

RT: 4.391 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

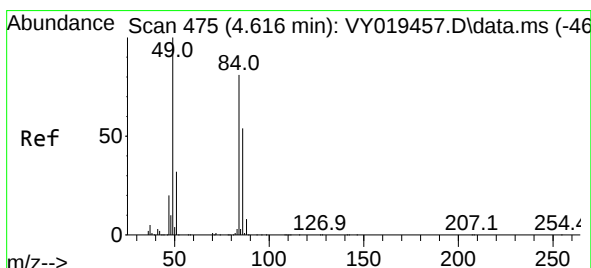
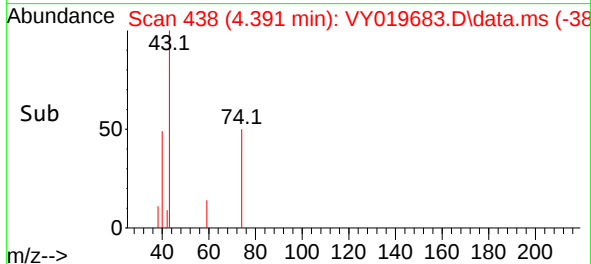
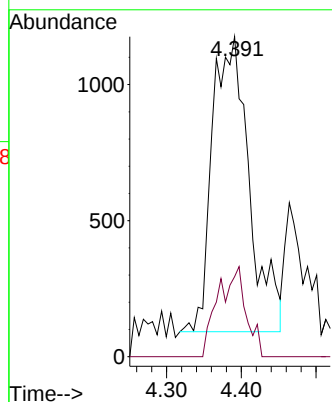
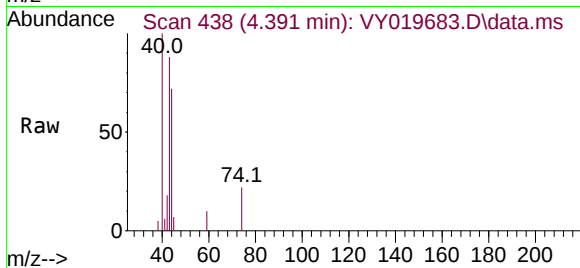
ClientSampleId :

Tgt Ion: 43 Resp: 3710

Ion Ratio Lower Upper

43 100

74 13.7 23.3 34.9#



#20

Methylene Chloride

Concen: 4.325 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Tgt Ion: 84 Resp: 6980

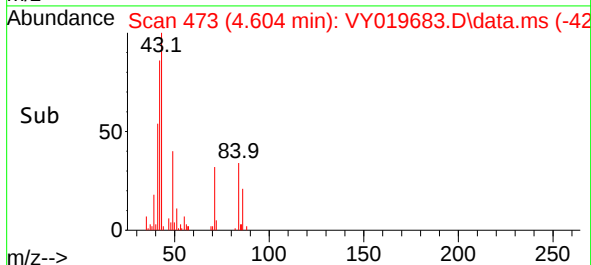
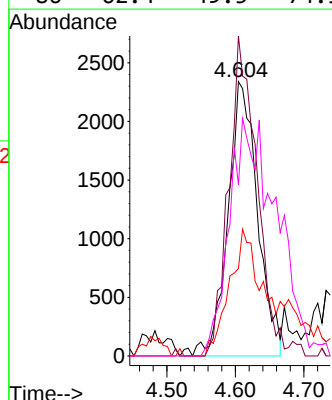
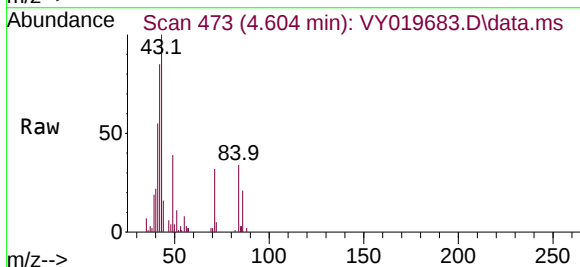
Ion Ratio Lower Upper

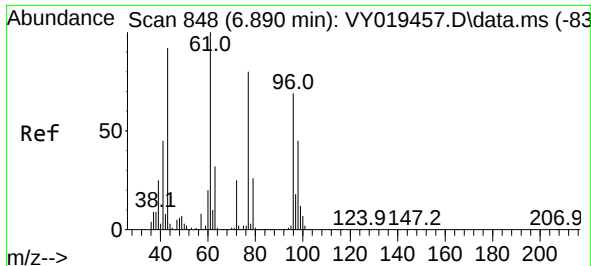
84 100

49 116.6 84.4 126.6

51 29.3 26.0 39.0

86 62.4 49.5 74.3





#25

2-Butanone

Concen: 15.428 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.001 min

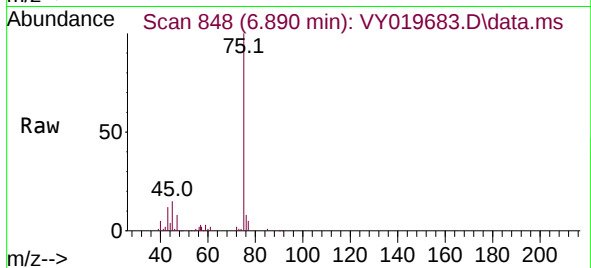
Lab File: VY019683.D

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Instrument :

MSVOA_Y

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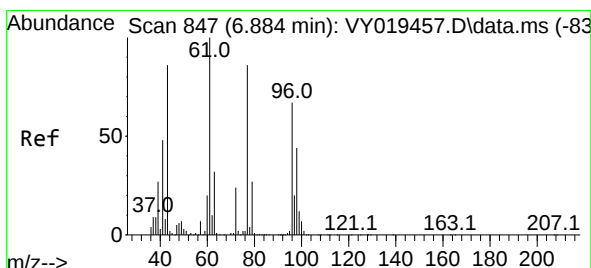
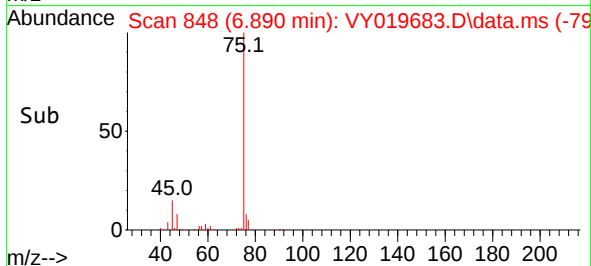
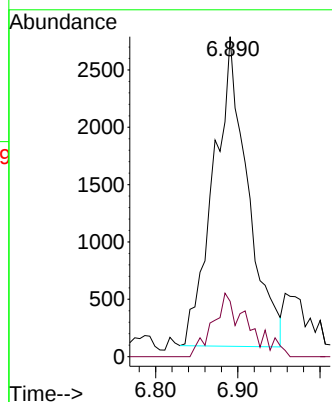


Tgt Ion: 43 Resp: 7765

Ion Ratio Lower Upper

43 100

72 17.9 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 1.327 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.007 min

Lab File: VY019683.D

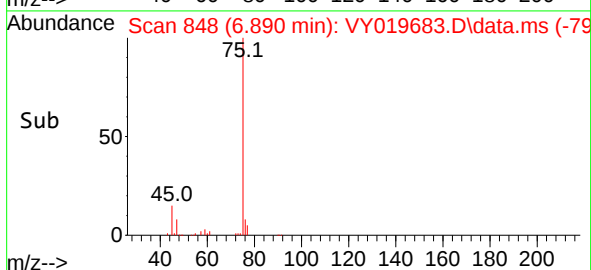
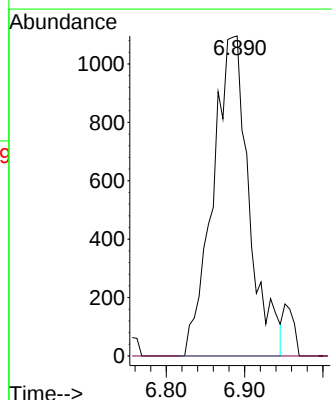
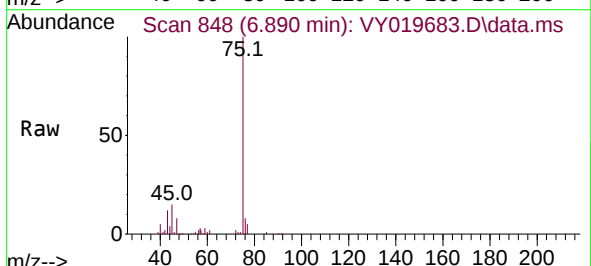
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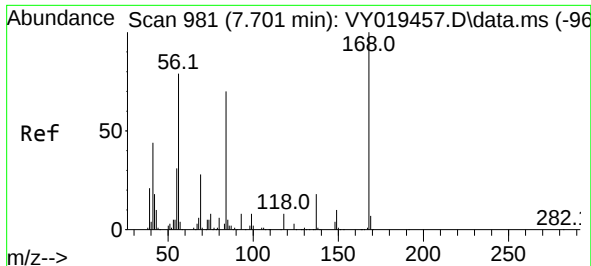
Tgt Ion: 77 Resp: 3521

Ion Ratio Lower Upper

77 100

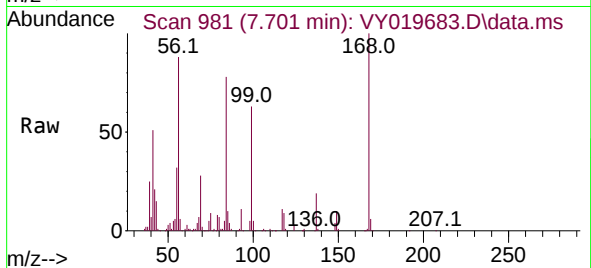
97 0.0 12.0 36.1#



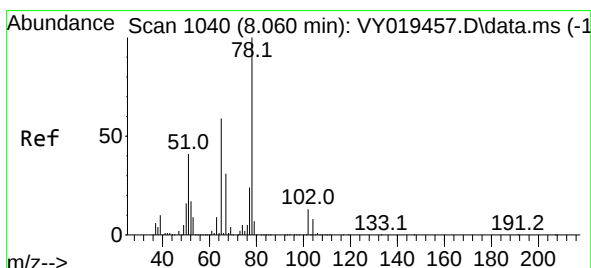
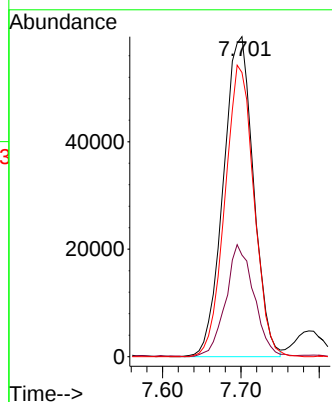
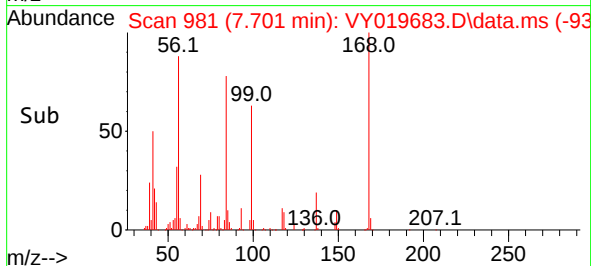


#31
Cyclohexane
Concen: 59.965 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

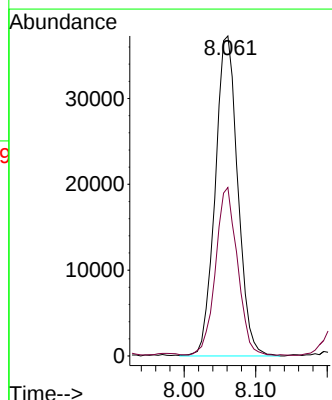
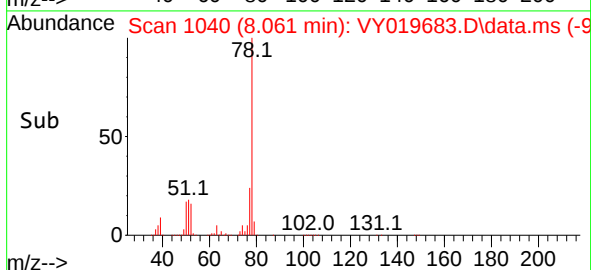
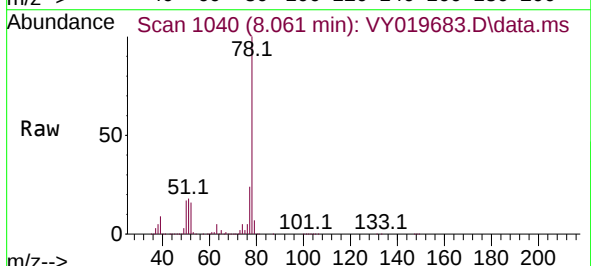


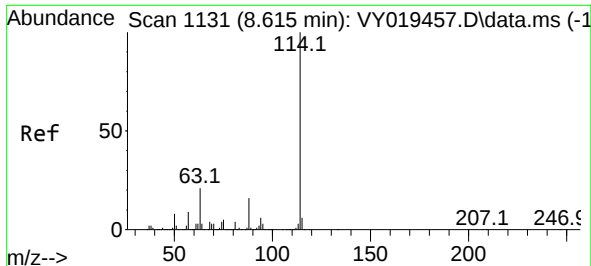
Tgt Ion: 56 Resp: 159415
Ion Ratio Lower Upper
56 100
69 31.6 28.7 43.1
84 88.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.103 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 65 Resp: 81854
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.001 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

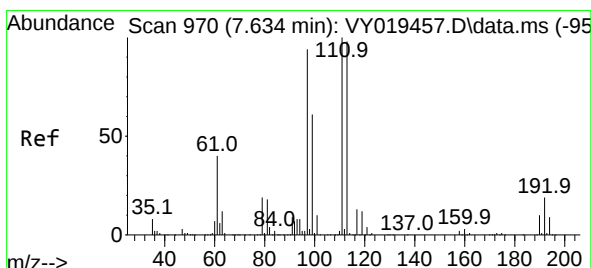
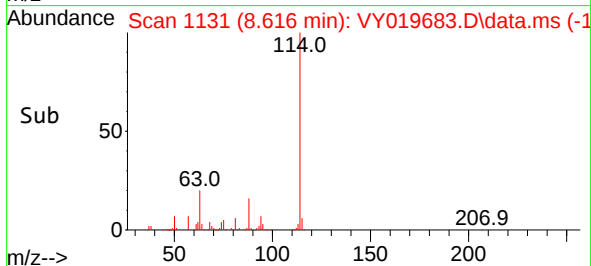
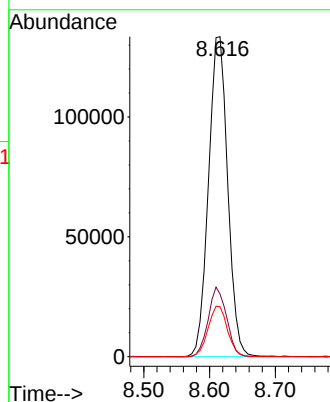
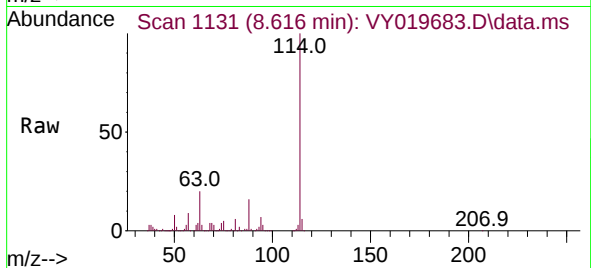
Tgt Ion:114 Resp: 271079

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.803 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.001 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

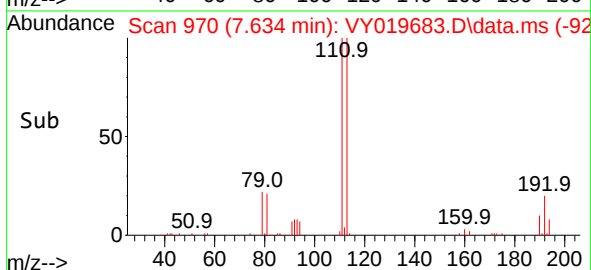
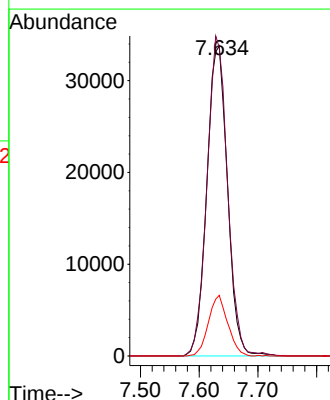
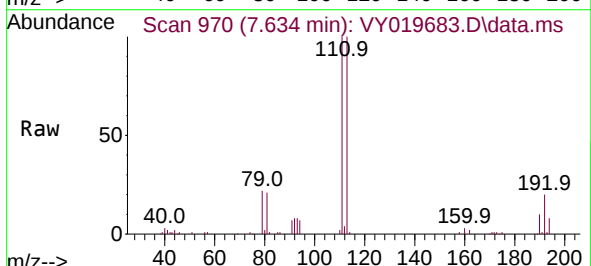
Tgt Ion:113 Resp: 82693

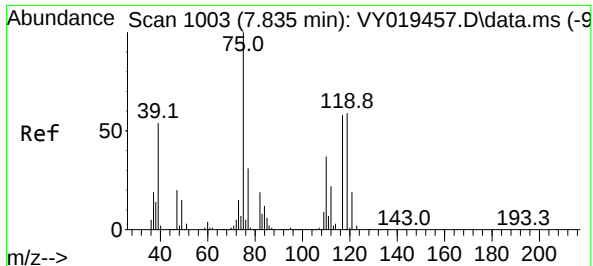
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 18.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.635 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019683.D

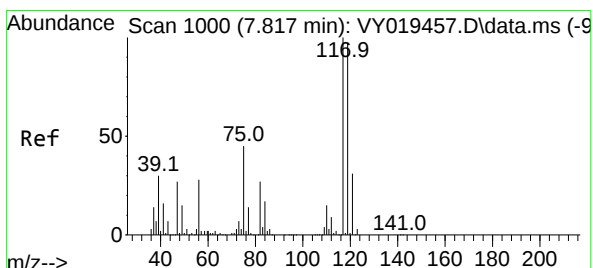
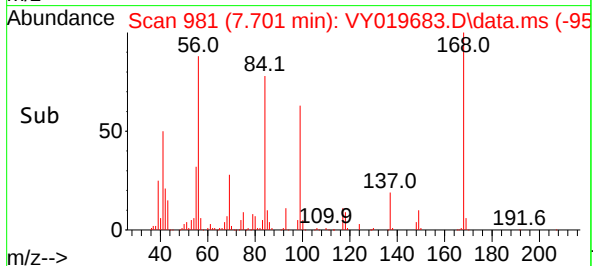
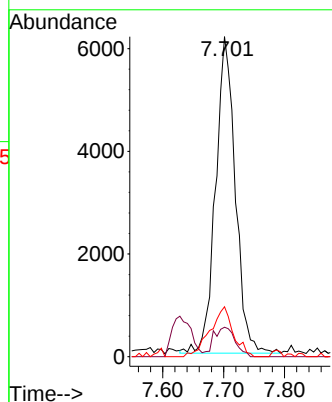
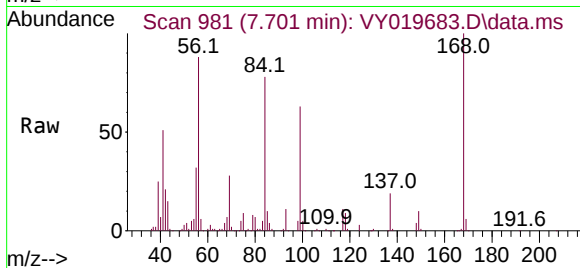
Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	13876
Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 7.394 ug/l

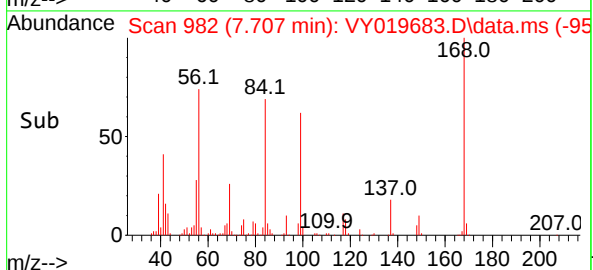
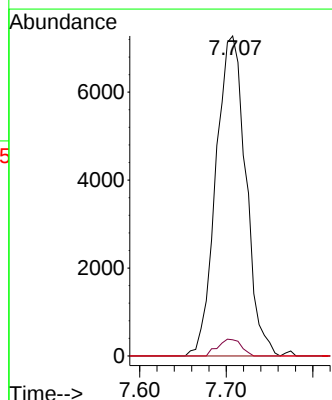
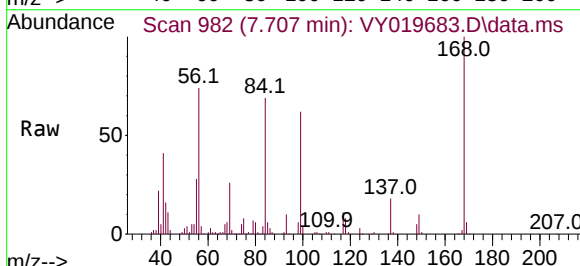
RT: 7.707 min Scan# 982

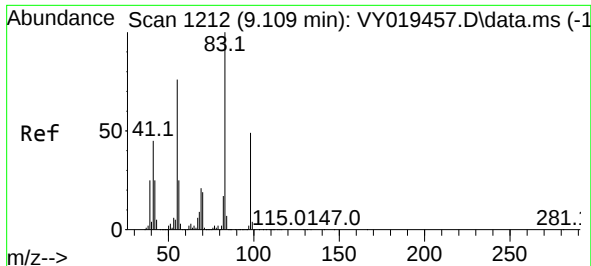
Delta R.T. -0.109 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Tgt Ion:	117	Resp:	17438
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.6#
121	0.0	24.0	36.0#





#39

Methylcyclohexane

Concen: 87.024 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

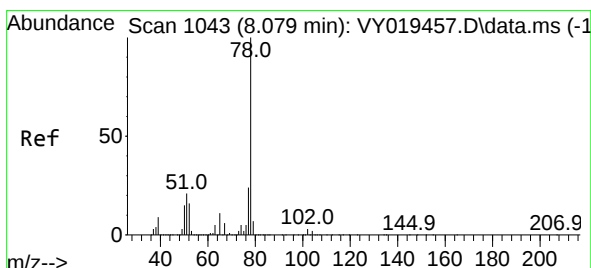
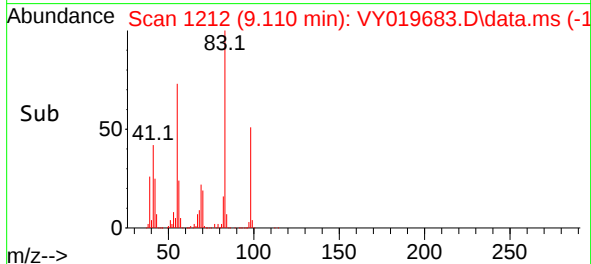
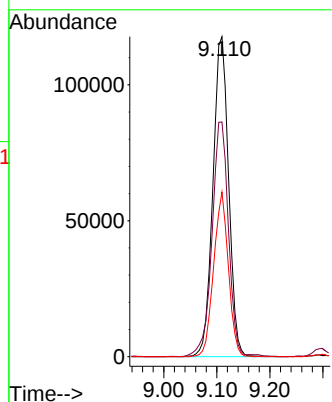
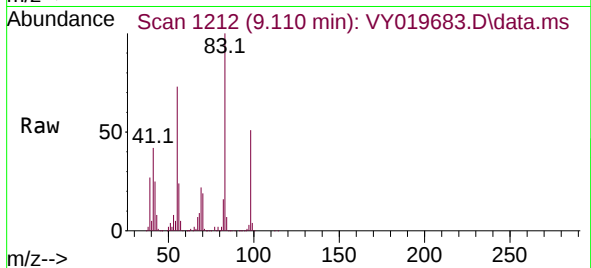
Tgt Ion: 83 Resp: 242203

Ion Ratio Lower Upper

83 100

55 73.3 51.5 77.3

98 51.5 40.5 60.7



#40

Benzene

Concen: 1600.833 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.001 min

Lab File: VY019683.D

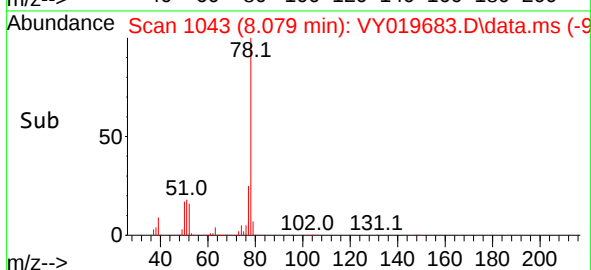
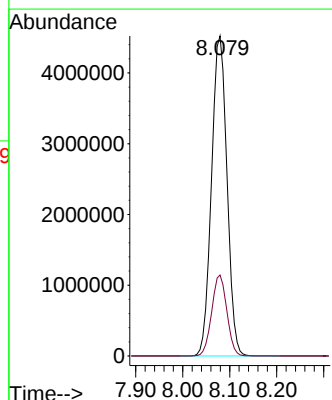
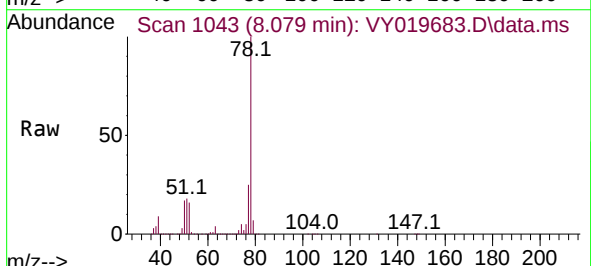
Acq: 24 Sep 2024 15:31

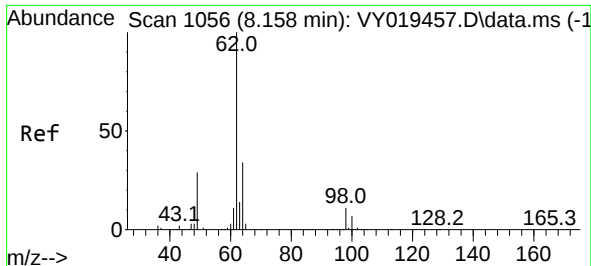
Tgt Ion: 78 Resp:10311818

Ion Ratio Lower Upper

78 100

77 25.3 19.5 29.3





#42

1,2-Dichloroethane

Concen: 54.649 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.079 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

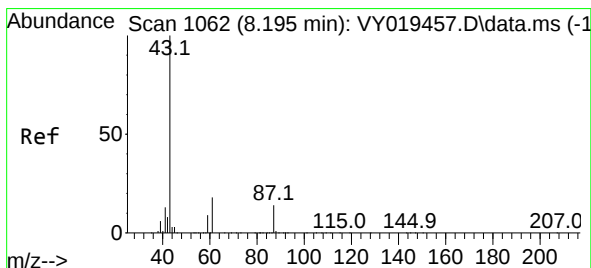
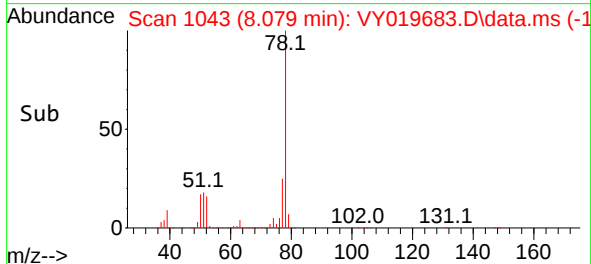
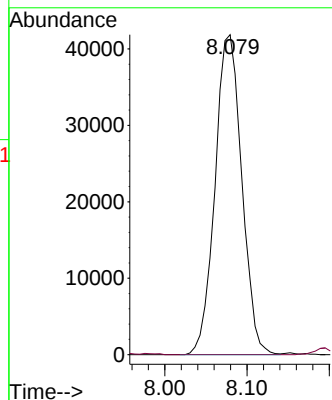
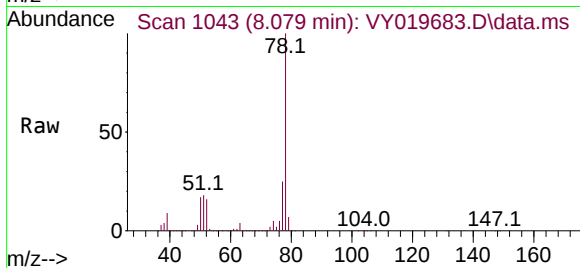
ClientSampleId :

Tgt Ion: 62 Resp: 94725

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 2.996 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.001 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

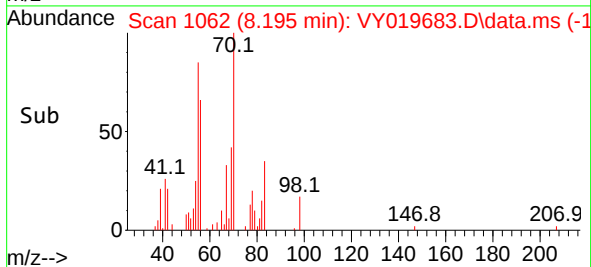
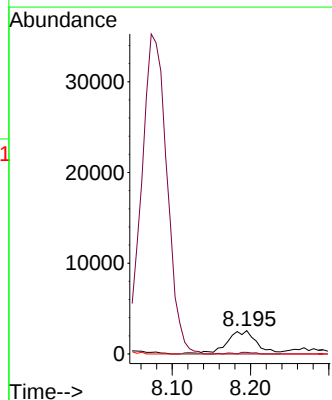
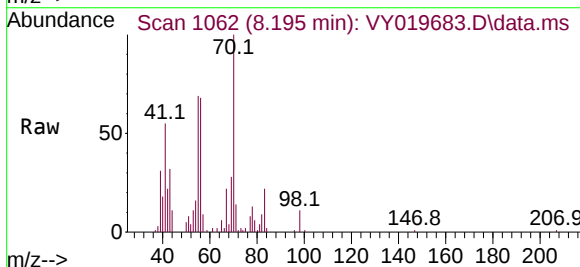
Tgt Ion: 43 Resp: 6744

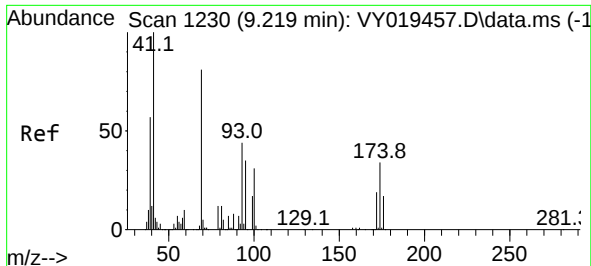
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#





#48

Methyl methacrylate

Concen: 3.407 ug/l

RT: 9.164 min Scan# 11

Delta R.T. -0.054 min

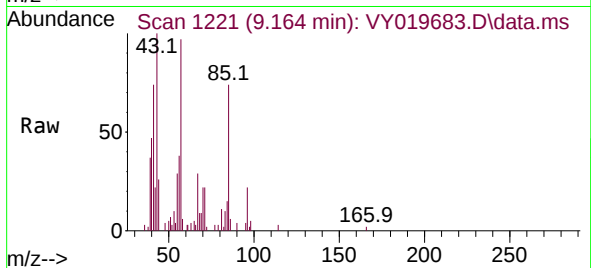
Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :



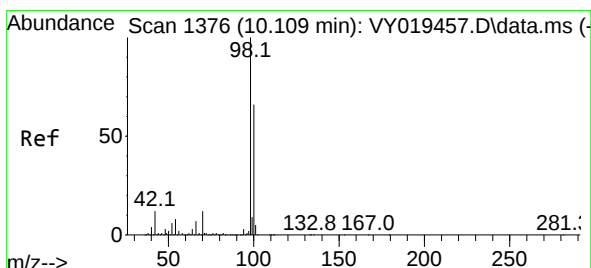
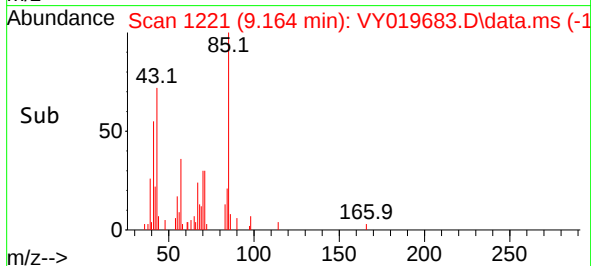
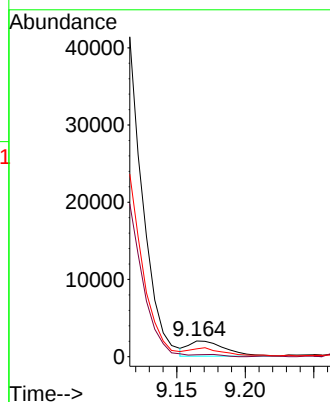
Tgt Ion: 41 Resp: 3622

Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 0.0 43.6 65.4#



#50

Toluene-d8

Concen: 55.170 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019683.D

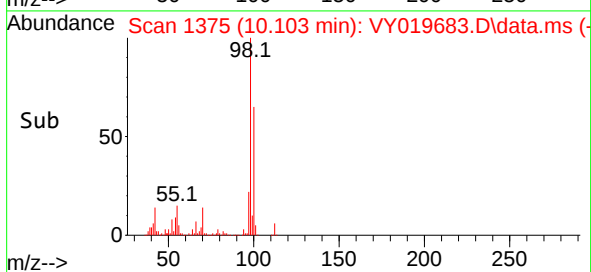
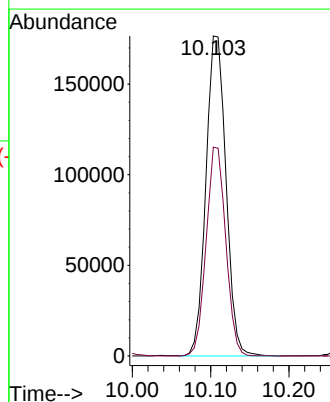
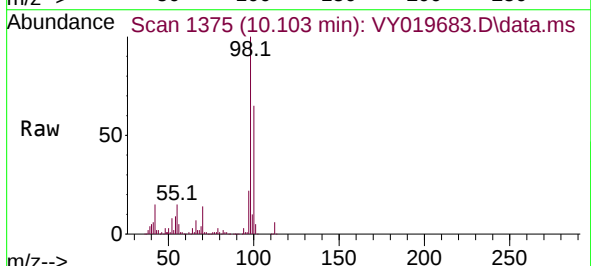
Acq: 24 Sep 2024 15:31

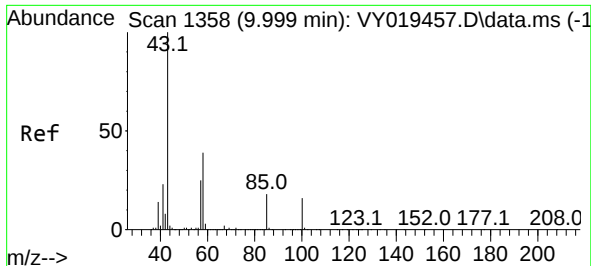
Tgt Ion: 98 Resp: 313633

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 11.607 ug/l

RT: 10.000 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

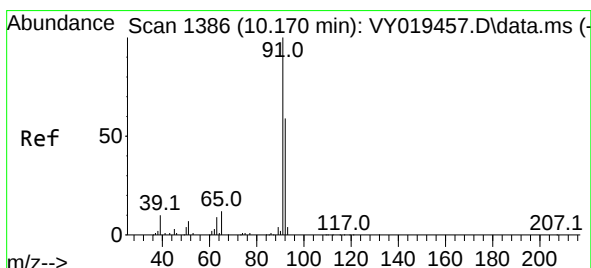
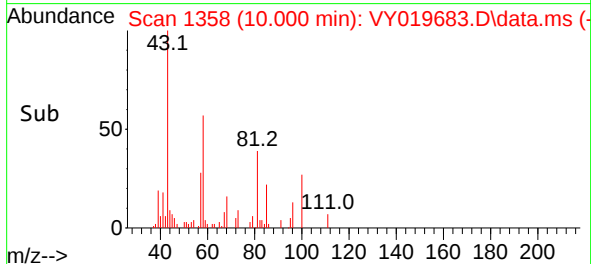
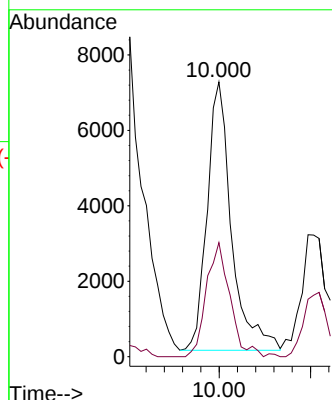
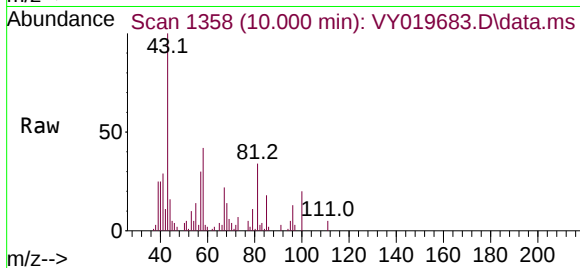
ClientSampleId :

Tgt Ion: 43 Resp: 13146

Ion Ratio Lower Upper

43 100

58 41.4 35.7 53.5



#52

Toluene

Concen: 2423.317 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.001 min

Lab File: VY019683.D

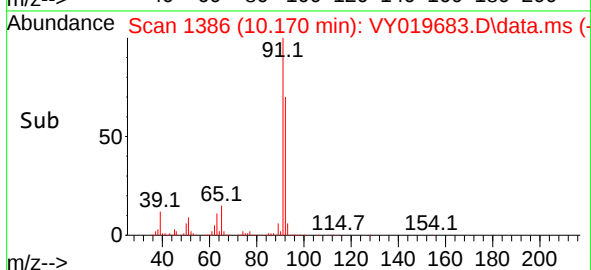
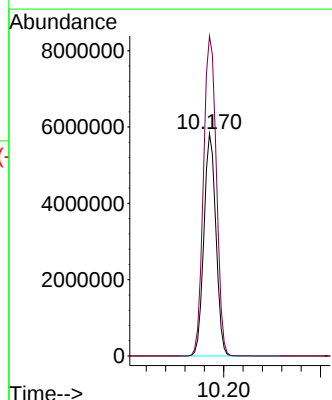
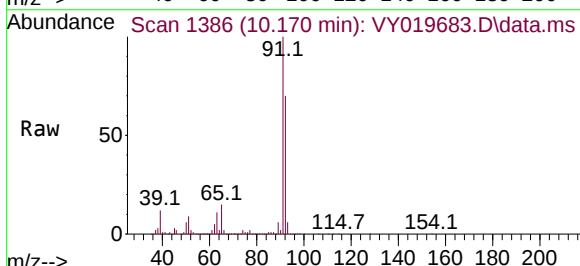
Acq: 24 Sep 2024 15:31

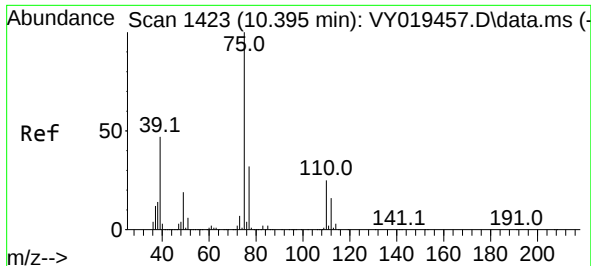
Tgt Ion: 92 Resp:10039385

Ion Ratio Lower Upper

92 100

91 154.6 139.0 208.6

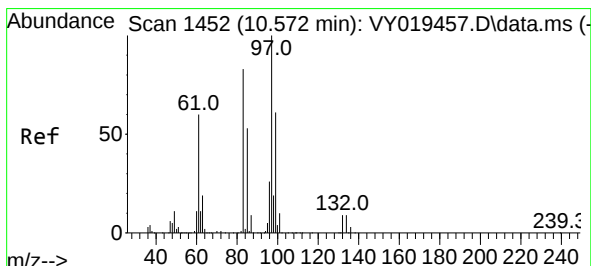
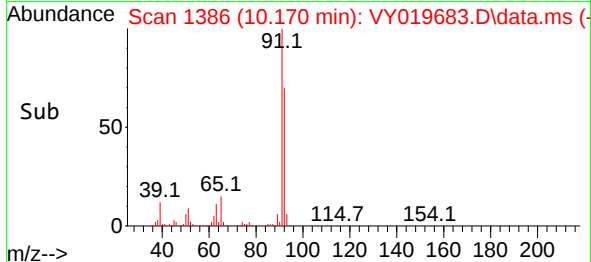
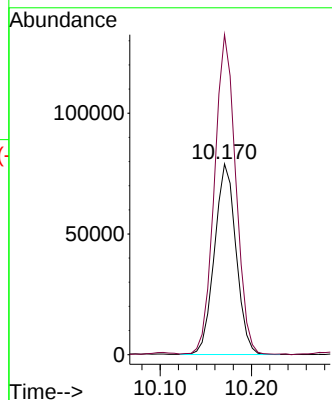
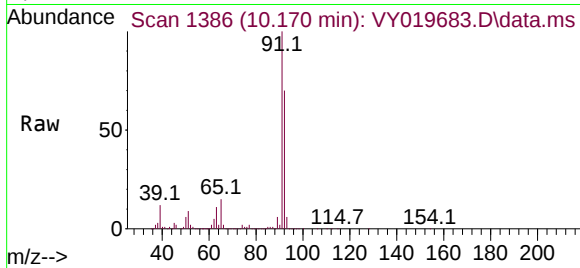




#53
t-1,3-Dichloropropene
Concen: 58.509 ug/l
RT: 10.170 min Scan# 11
Delta R.T. -0.225 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

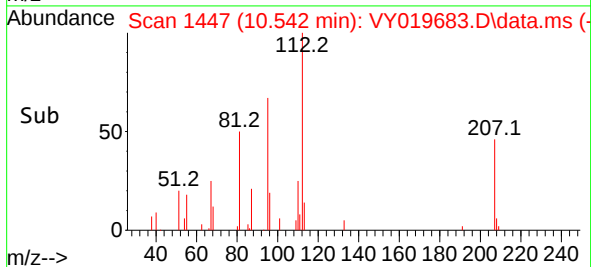
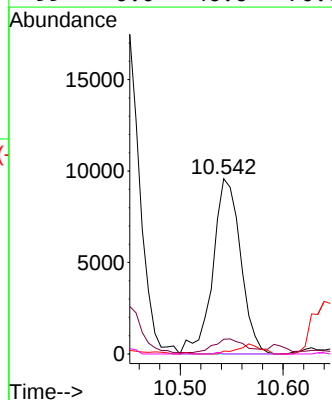
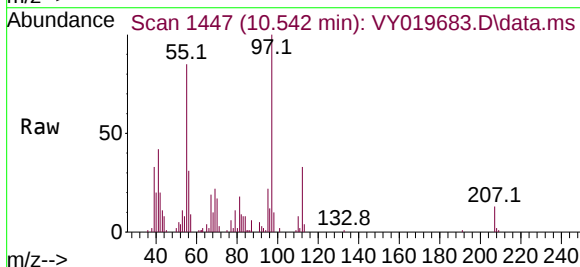
Instrument :
MSVOA_Y
ClientSampleId :

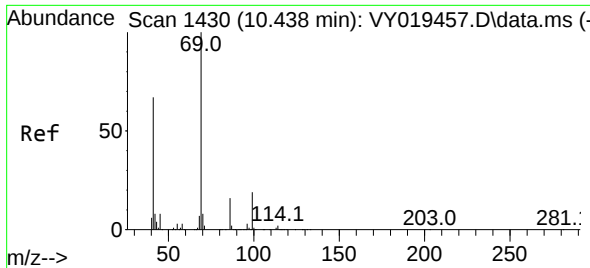
Tgt Ion: 75 Resp: 129112
Ion Ratio Lower Upper
75 100
77 167.7 24.1 36.1#



#55
1,1,2-Trichloroethane
Concen: 15.090 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 97 Resp: 17946
Ion Ratio Lower Upper
97 100
83 7.6 67.5 101.3#
85 1.6 42.9 64.3#
99 0.0 46.6 70.0#

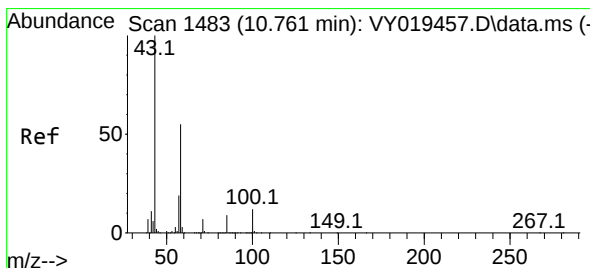
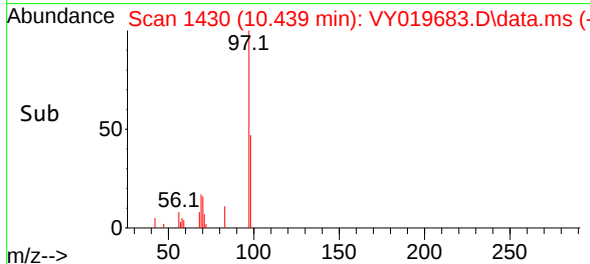
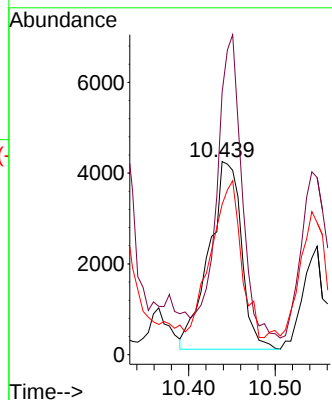
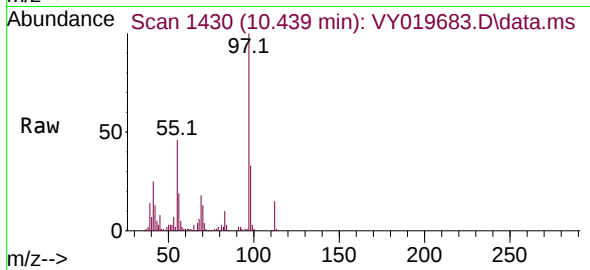




#56
Ethyl methacrylate
Concen: 5.937 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

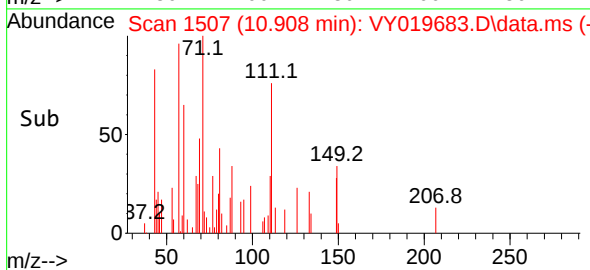
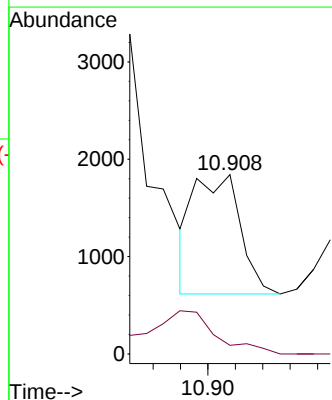
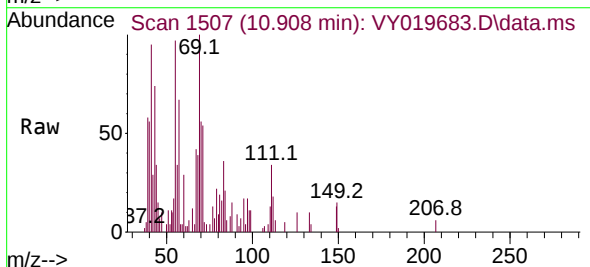
Instrument :
MSVOA_Y
ClientSampleId :

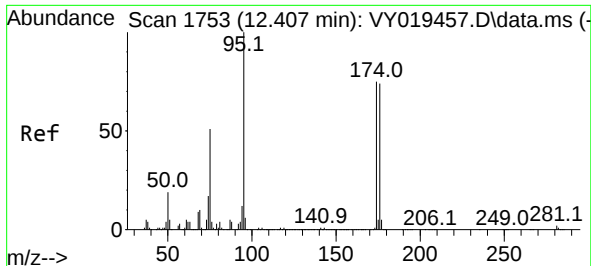
Tgt Ion: 69 Resp: 10725
Ion Ratio Lower Upper
69 100
41 123.3 42.3 63.5#
39 0.0 22.9 34.3#



#59
2-Hexanone
Concen: 1.731 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.147 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
58 46.9 31.4 94.0

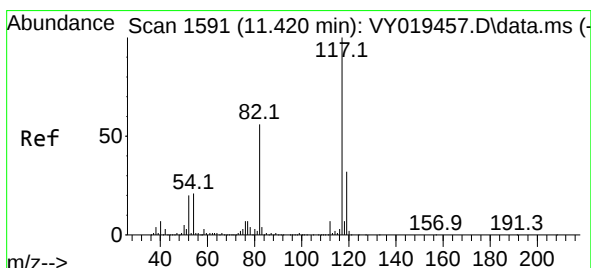
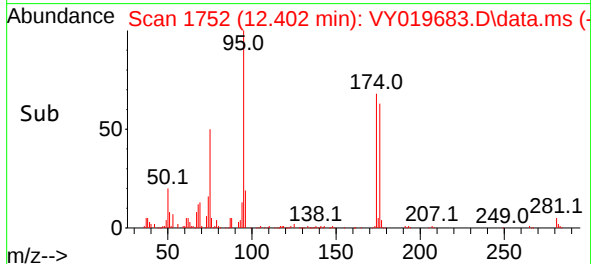
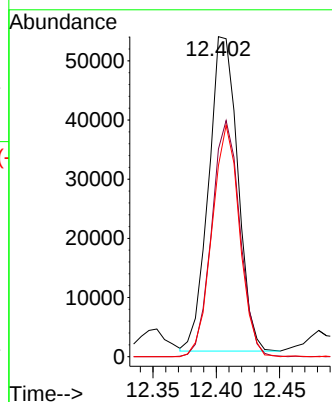
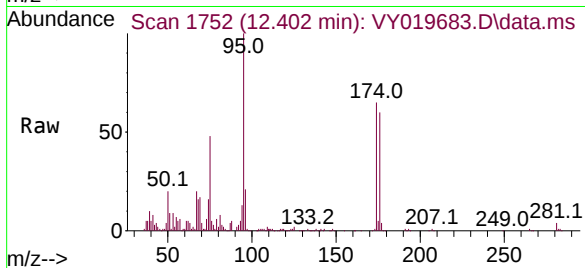




#62
4-Bromofluorobenzene
Concen: 39.101 ug/l
RT: 12.402 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

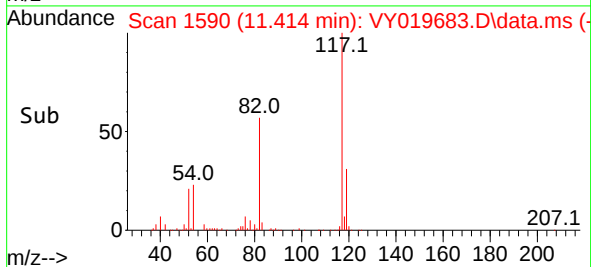
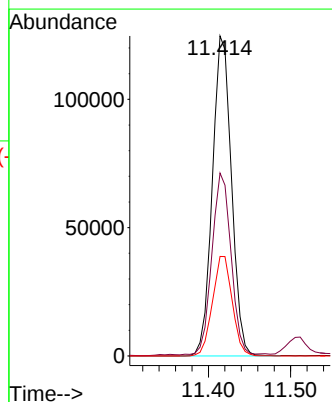
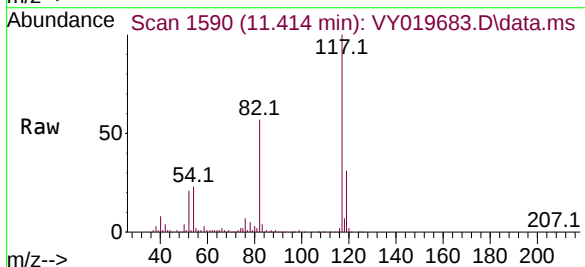
Instrument :
MSVOA_Y
ClientSampleId :

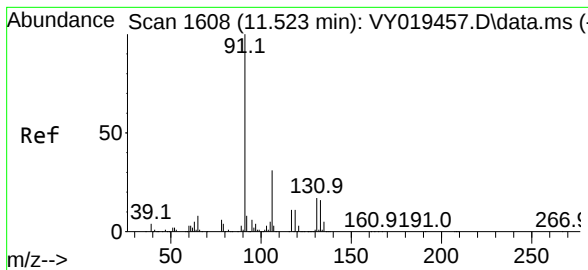
Tgt Ion: 95 Resp: 85471
Ion Ratio Lower Upper
95 100
174 72.4 0.0 175.6
176 69.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 117 Resp: 201702
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 31.1 25.9 38.9

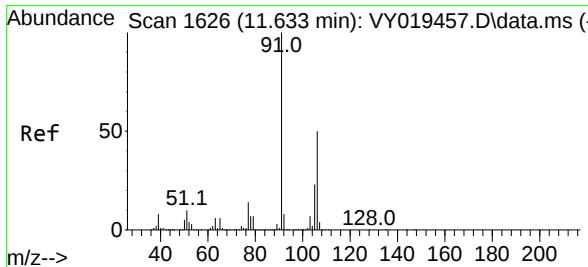
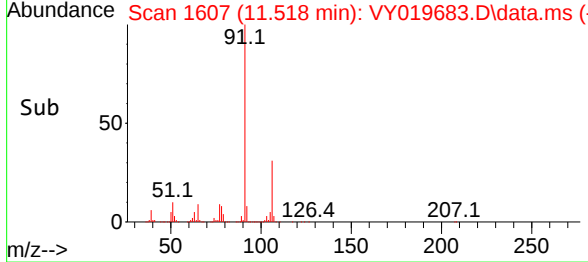
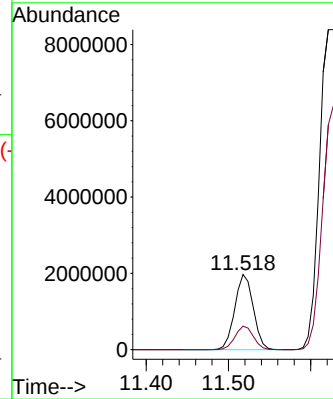
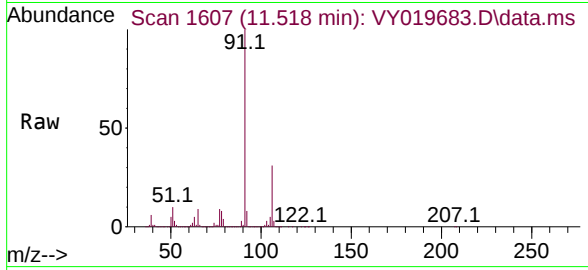




#67
Ethyl Benzene
Concen: 436.078 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

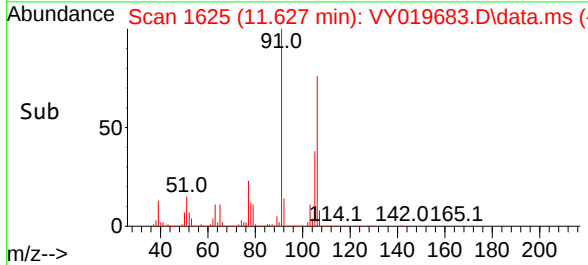
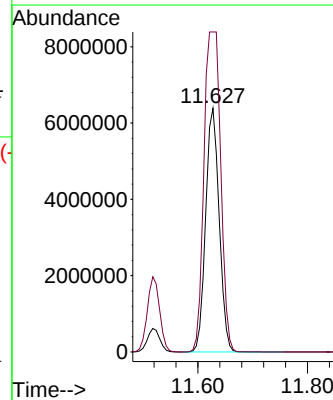
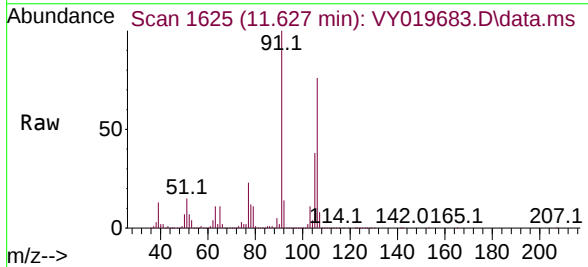
Instrument :
MSVOA_Y
ClientSampleId :

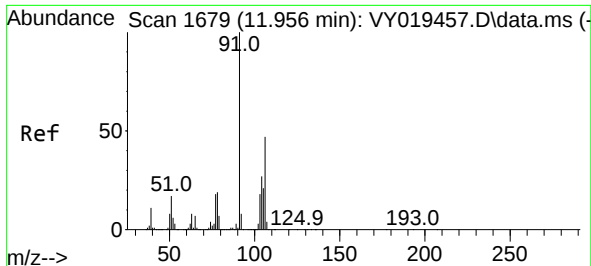
Tgt Ion: 91 Resp: 3074246
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 4096.299 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 106 Resp: 10919408
Ion Ratio Lower Upper
106 100
91 163.2 156.0 234.0

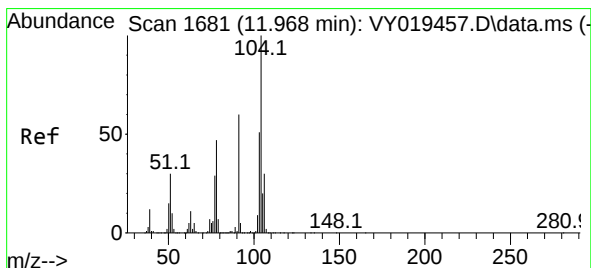
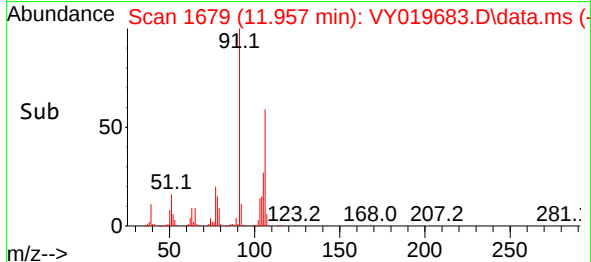
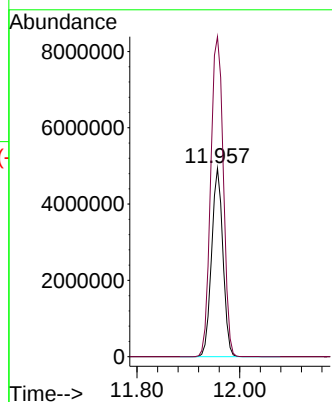
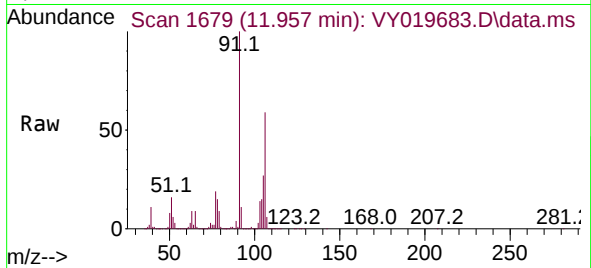




#69
o-Xylene
Concen: 2894.013 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

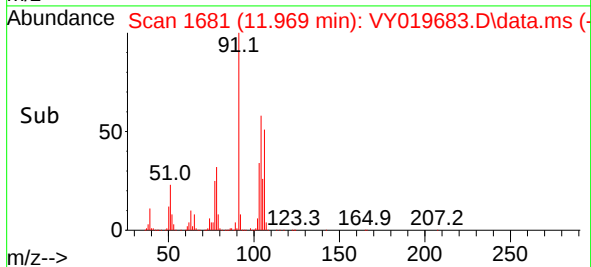
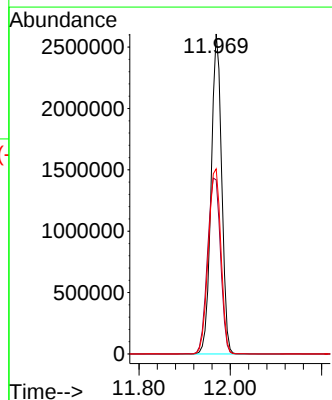
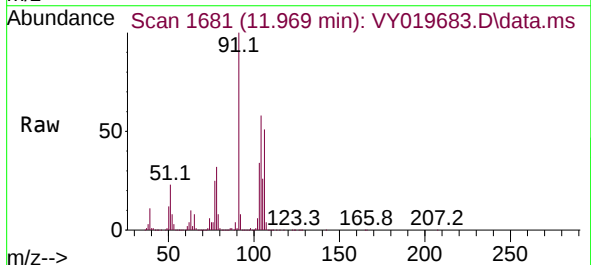
Instrument :
MSVOA_Y
ClientSampleId :

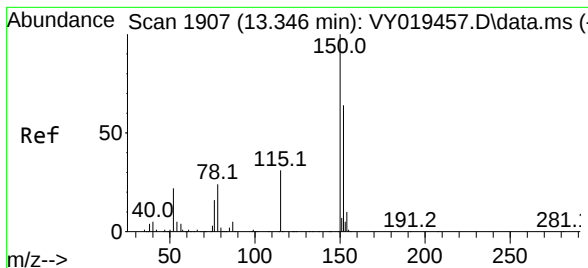
Tgt Ion:106 Resp: 7544564
Ion Ratio Lower Upper
106 100
91 189.2 103.6 310.8



#70
Styrene
Concen: 947.237 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion:104 Resp: 4169264
Ion Ratio Lower Upper
104 100
78 67.9 37.0 55.4#
103 69.3 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

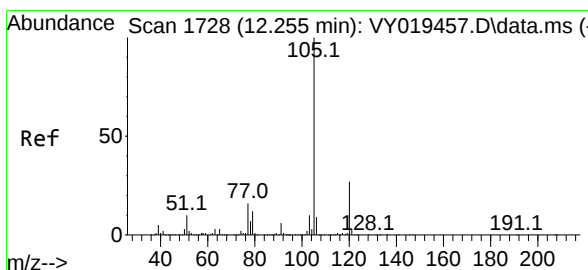
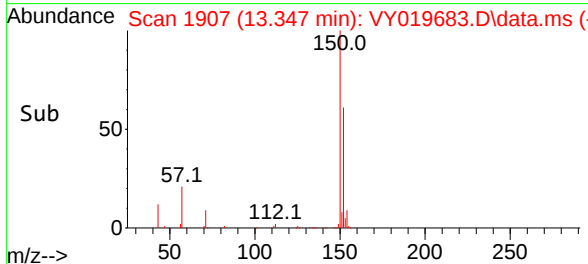
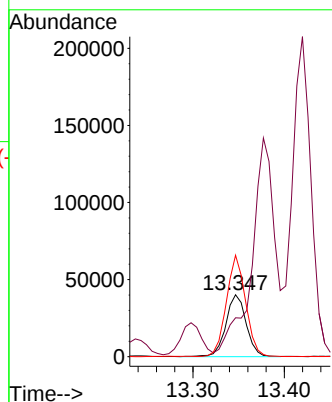
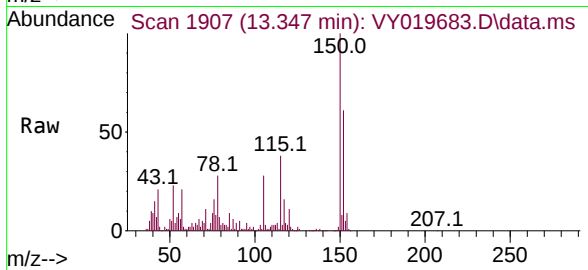
Tgt Ion:152 Resp: 62194

Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 153.8 0.0 345.6



#73

Isopropylbenzene

Concen: 66.289 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.001 min

Lab File: VY019683.D

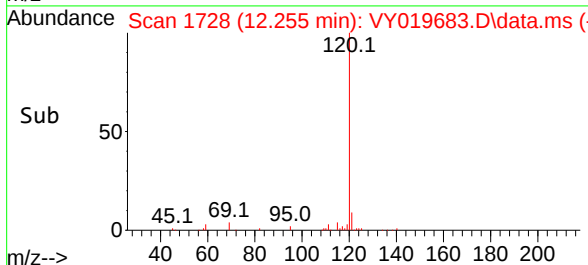
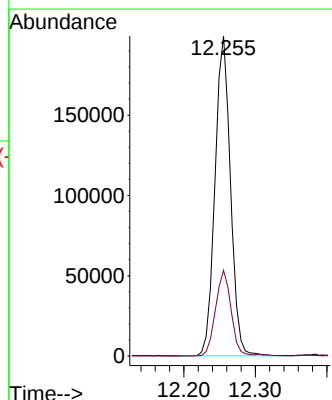
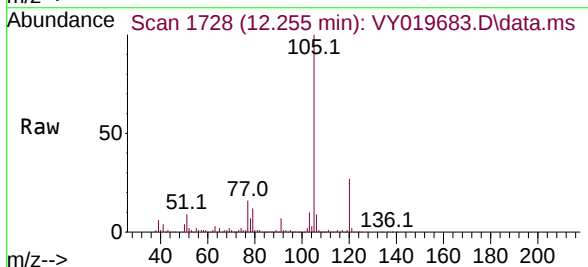
Acq: 24 Sep 2024 15:31

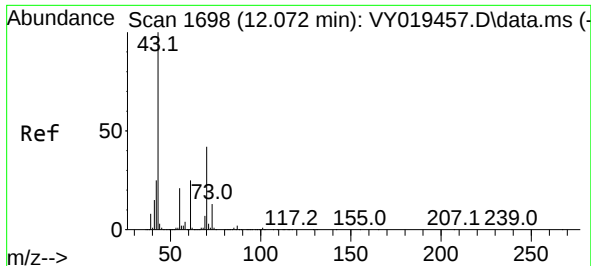
Tgt Ion:105 Resp: 299097

Ion Ratio Lower Upper

105 100

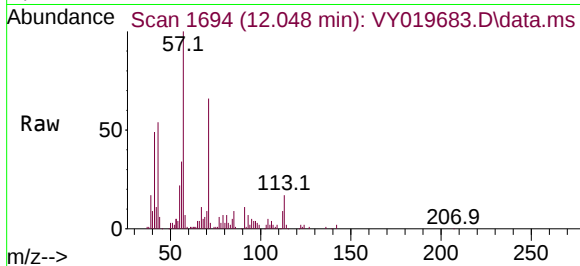
120 26.7 13.4 40.1



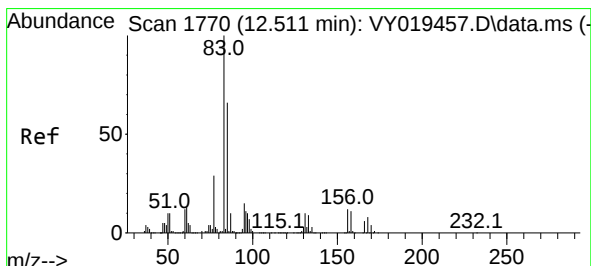
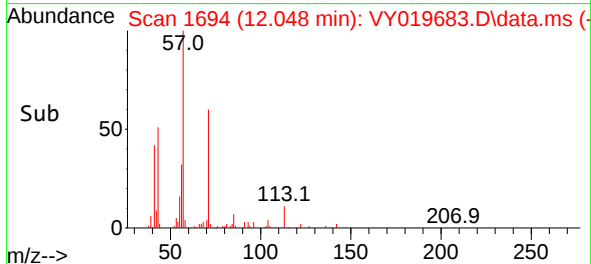
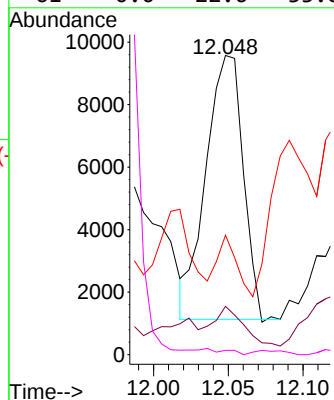


#74
N-amy1 acetate
Concen: 11.904 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.024 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

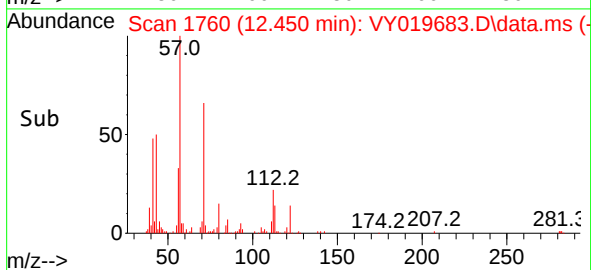
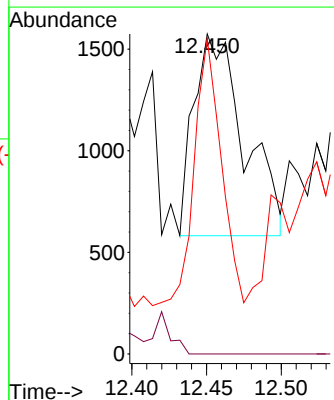
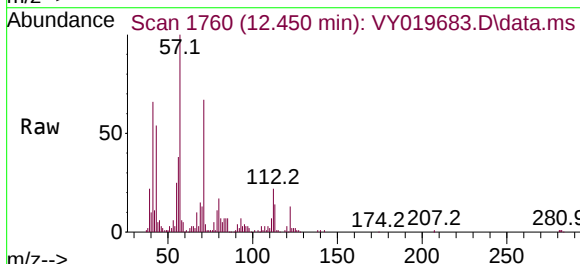


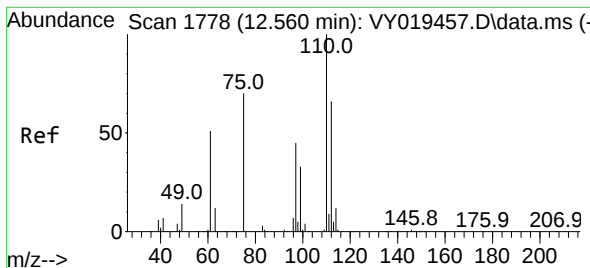
Tgt Ion: 43 Resp: 14607
Ion Ratio Lower Upper
43 100
70 12.3 41.4 62.2#
55 12.0 23.3 34.9#
61 0.0 22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.906 ug/l
RT: 12.450 min Scan# 1760
Delta R.T. -0.060 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 83 Resp: 2327
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#

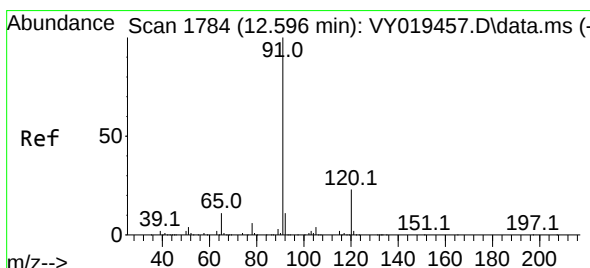
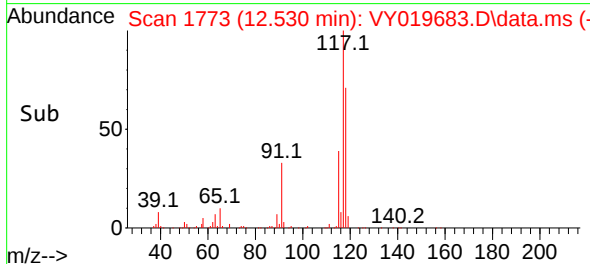
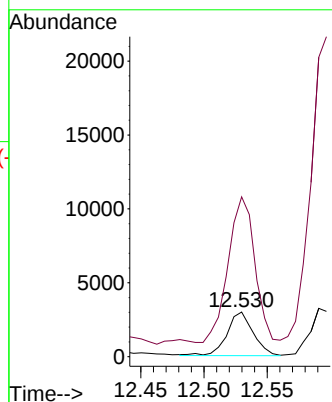
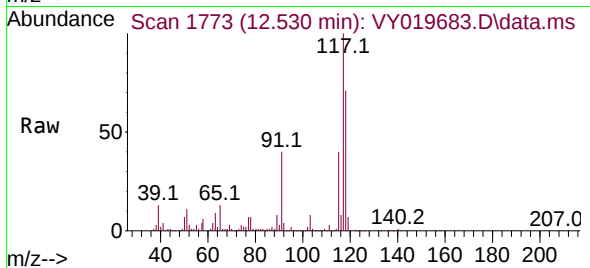




#76
1,2,3-Trichloropropane
Concen: 7.328 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.030 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

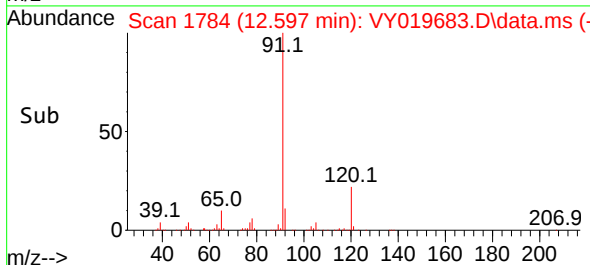
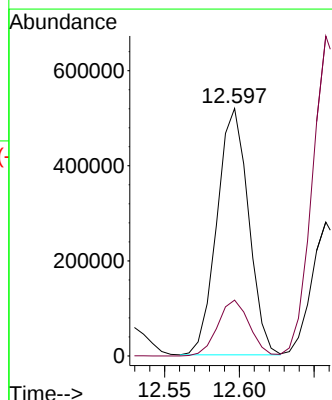
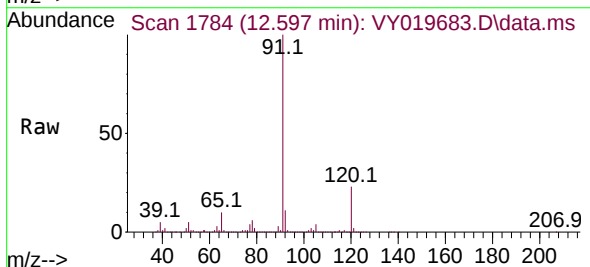
Instrument :
MSVOA_Y
ClientSampleId :

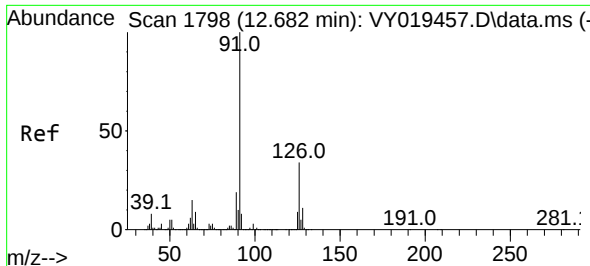
Tgt Ion: 75 Resp: 4272
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 142.461 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 91 Resp: 761869
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

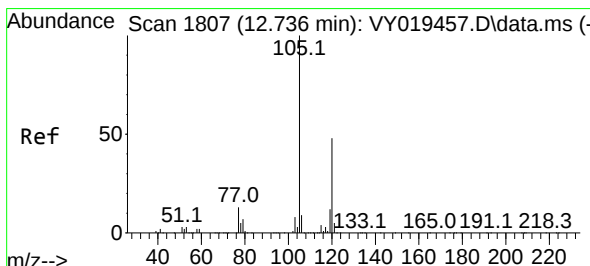
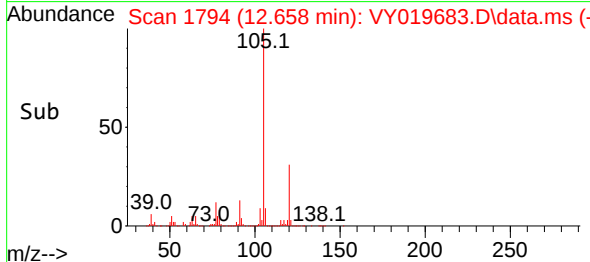
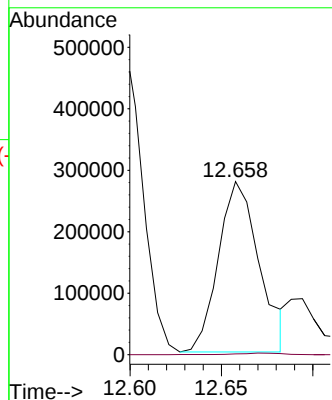
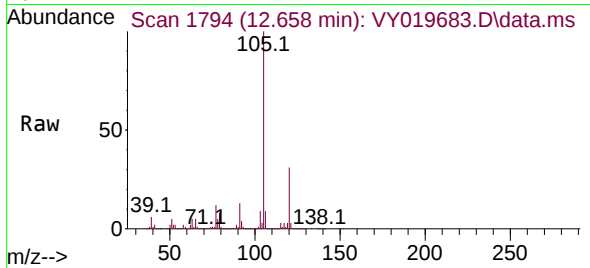




#79
2-Chlorotoluene
Concen: 138.416 ug/l
RT: 12.658 min Scan# 1794
Delta R.T. -0.024 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

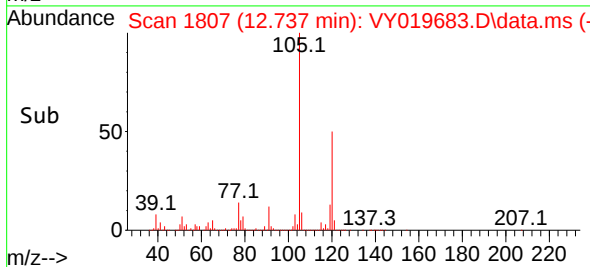
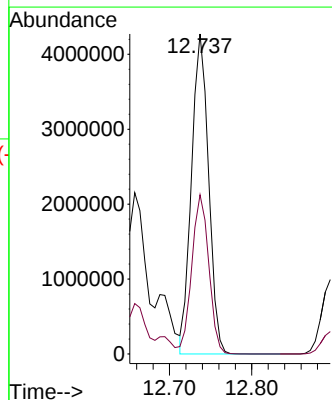
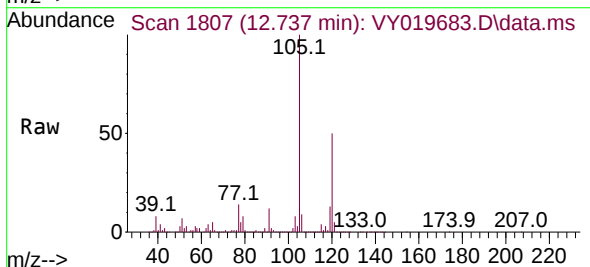
Instrument :
MSVOA_Y
ClientSampleId :

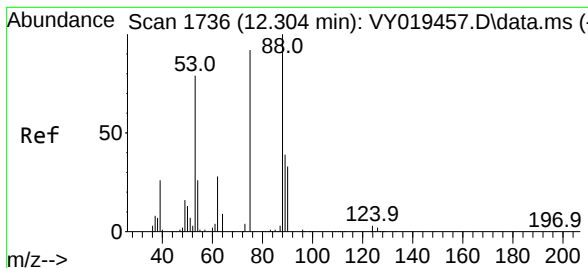
Tgt Ion: 91 Resp: 431391
Ion Ratio Lower Upper
91 100
126 1.1 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 1674.210 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 105 Resp: 6141089
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2

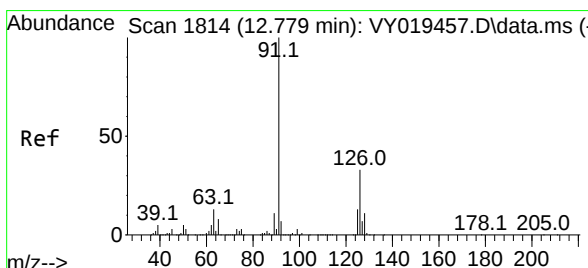
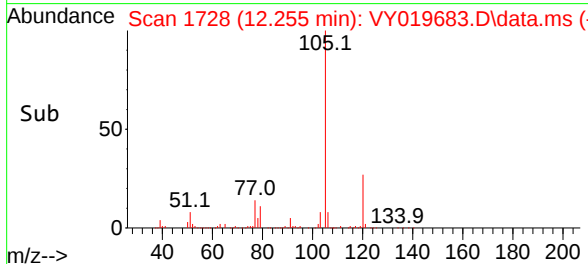
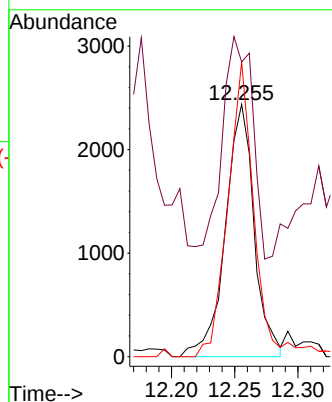
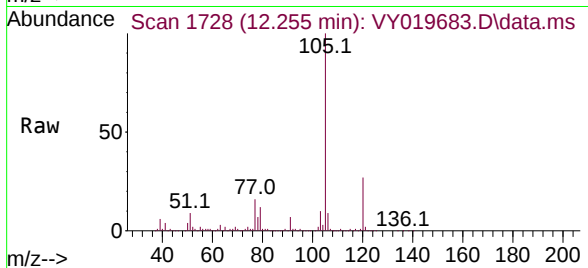




#81
trans-1,4-Dichloro-2-butene
Concen: 12.665 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.048 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

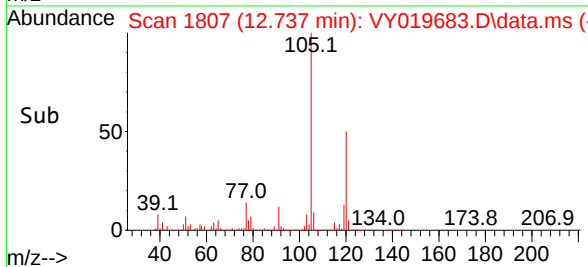
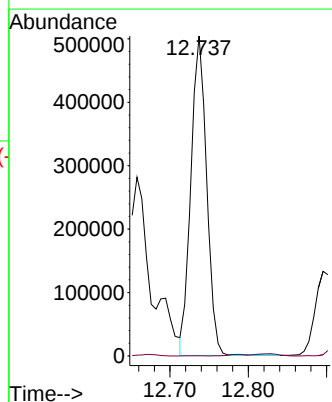
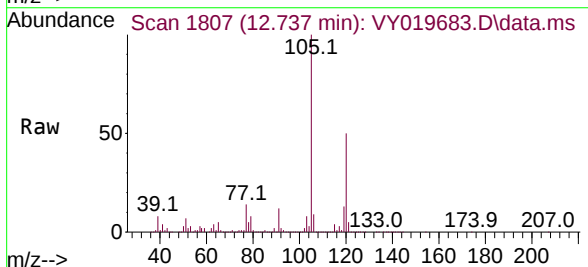
Instrument :
MSVOA_Y
ClientSampleId :

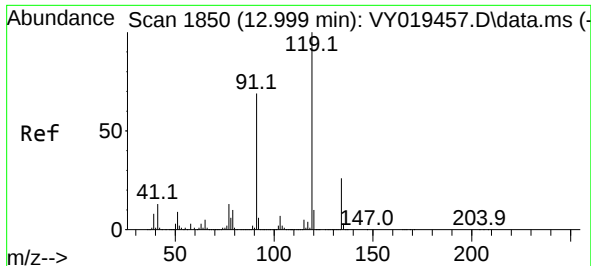
Tgt Ion: 75 Resp: 3846
Ion Ratio Lower Upper
75 100
53 90.1 66.8 100.2
89 108.3 35.8 53.6#



#82
4-Chlorotoluene
Concen: 219.584 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.042 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 91 Resp: 703574
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#

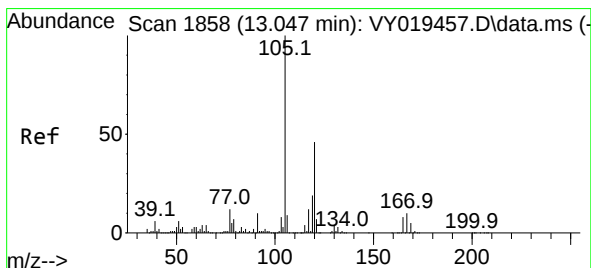
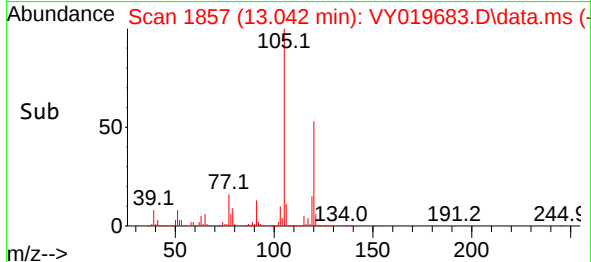
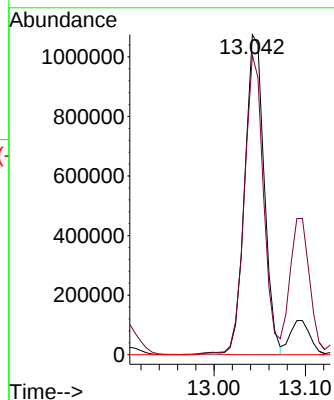
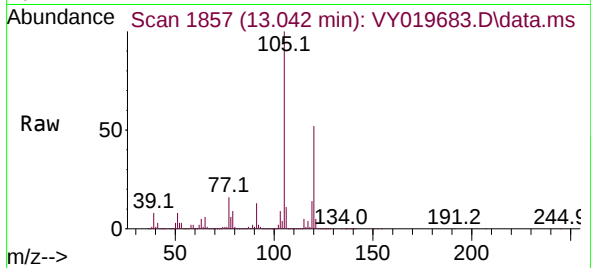




#83
tert-Butylbenzene
Concen: 479.079 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.043 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

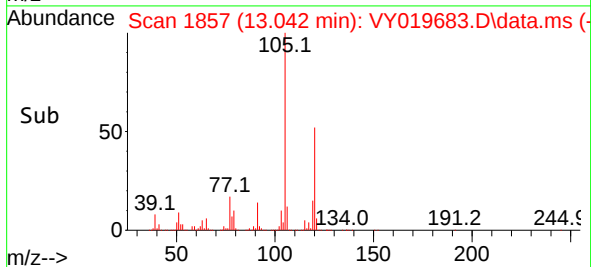
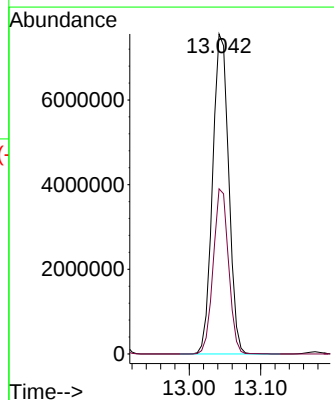
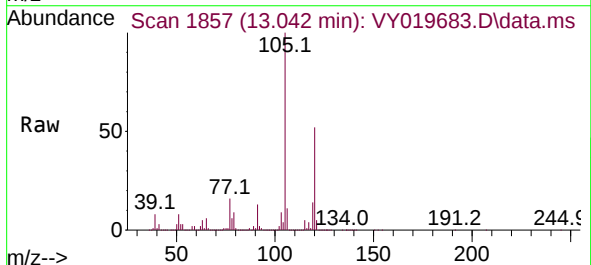
Instrument :
MSVOA_Y
ClientSampleId :

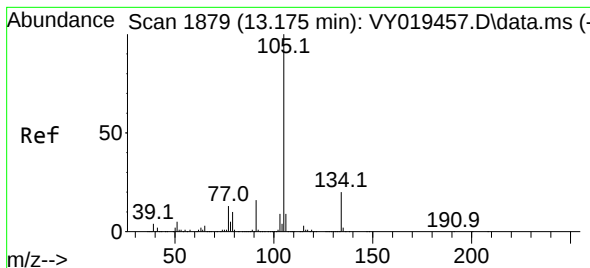
Tgt Ion:119 Resp: 1590863
Ion Ratio Lower Upper
119 100
91 92.8 31.3 93.8
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3247.531 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion:105 Resp:11791393
Ion Ratio Lower Upper
105 100
120 49.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 2444.311 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.134 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

Instrument :

MSVOA_Y

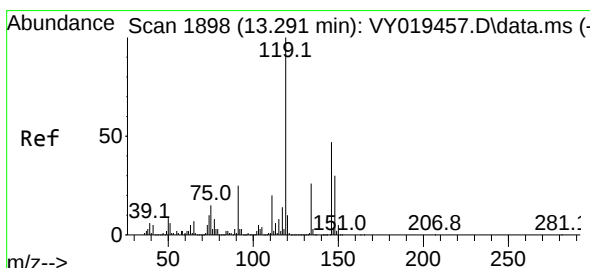
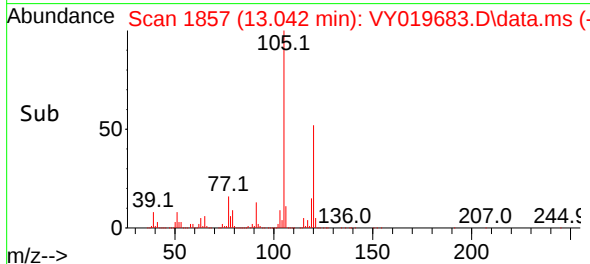
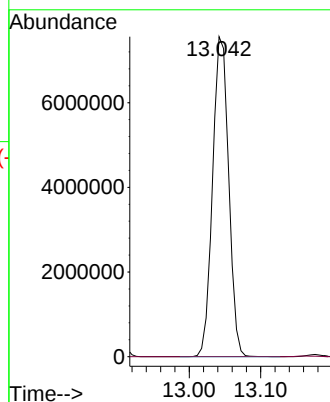
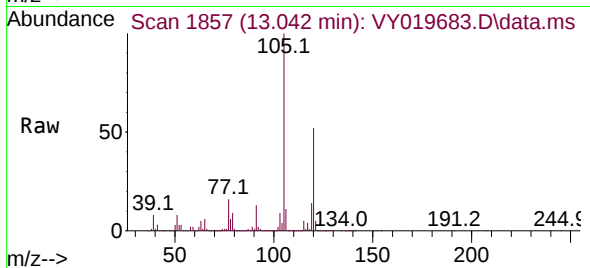
ClientSampleId :

Tgt Ion:105 Resp:11791393

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 66.790 ug/l

RT: 13.237 min Scan# 1889

Delta R.T. -0.054 min

Lab File: VY019683.D

Acq: 24 Sep 2024 15:31

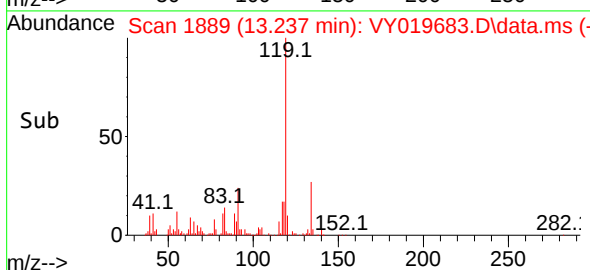
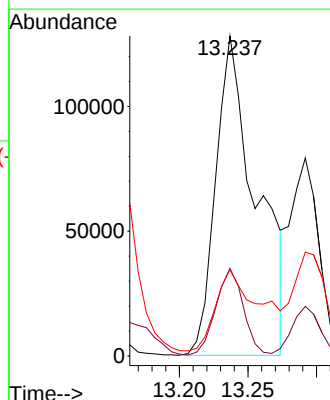
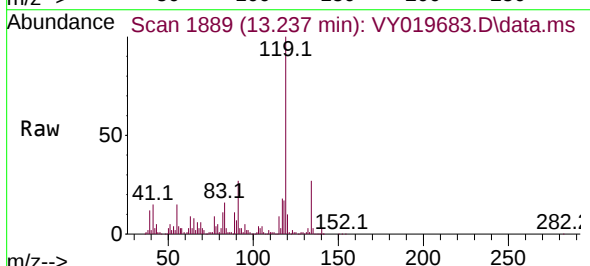
Tgt Ion:119 Resp: 263608

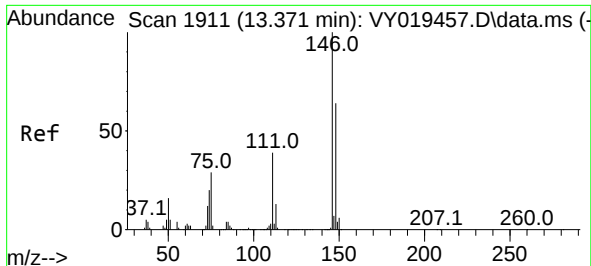
Ion Ratio Lower Upper

119 100

134 18.7 13.1 39.3

91 27.7 10.7 32.1

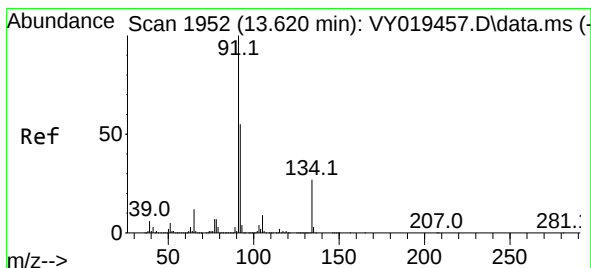
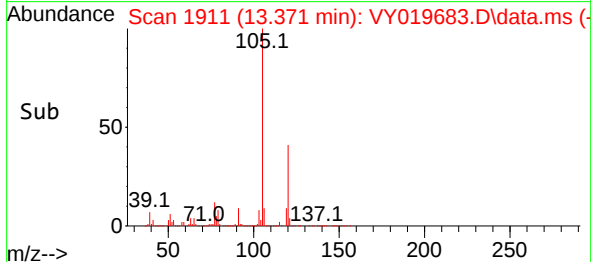
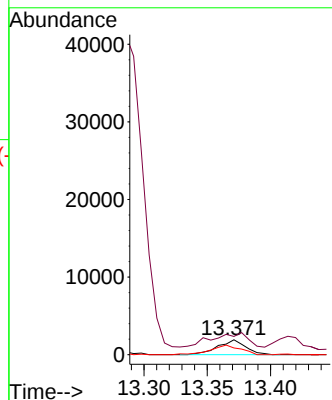
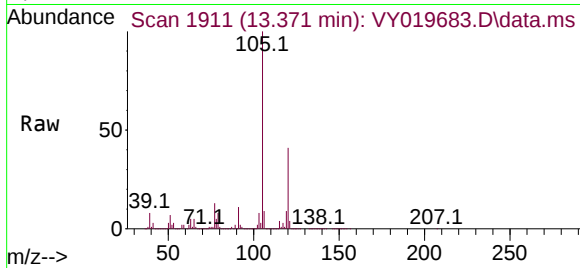




#88
 1,4-Dichlorobenzene
 Concen: 1.512 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.001 min
 Lab File: VY019683.D
 Acq: 24 Sep 2024 15:31

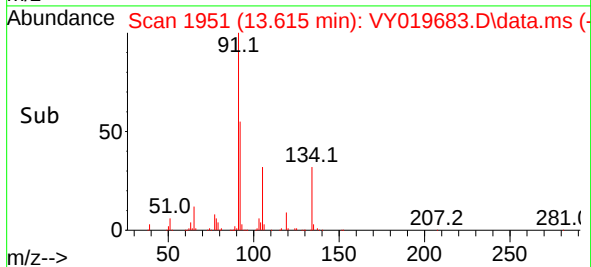
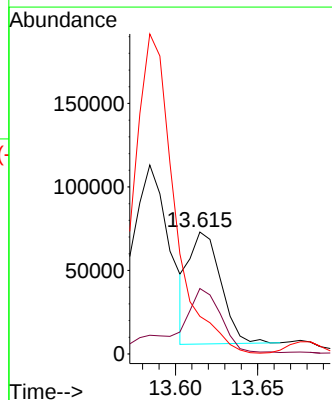
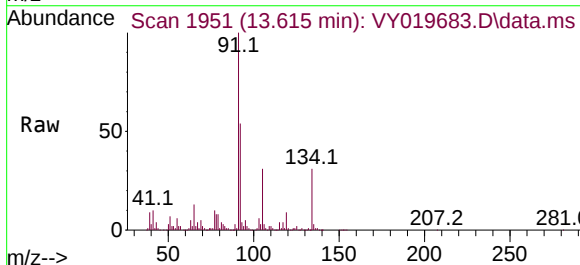
Instrument :
 MSVOA_Y
 ClientSampleId :

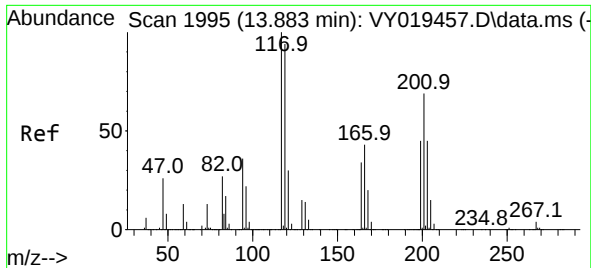
Tgt Ion:146 Resp: 2918
 Ion Ratio Lower Upper
 146 100
 111 121.7 18.4 55.4#
 148 68.9 32.4 97.2



#89
 n-Butylbenzene
 Concen: 23.706 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VY019683.D
 Acq: 24 Sep 2024 15:31

Tgt Ion: 91 Resp: 89445
 Ion Ratio Lower Upper
 91 100
 92 76.9 26.6 79.7
 134 0.0 12.9 38.7#

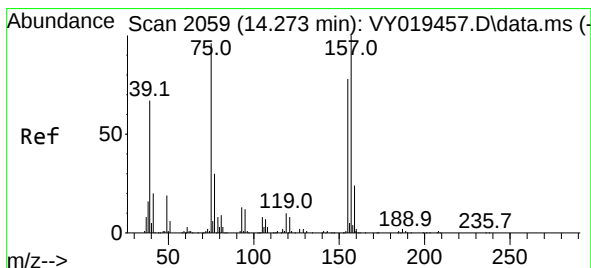
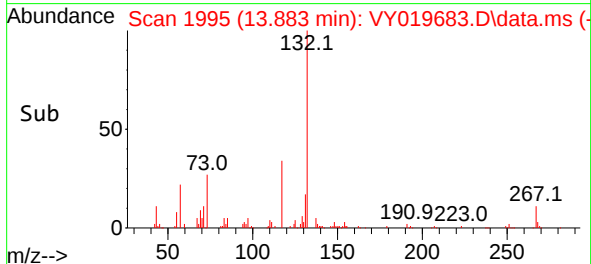
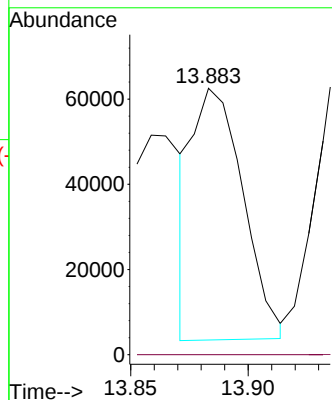
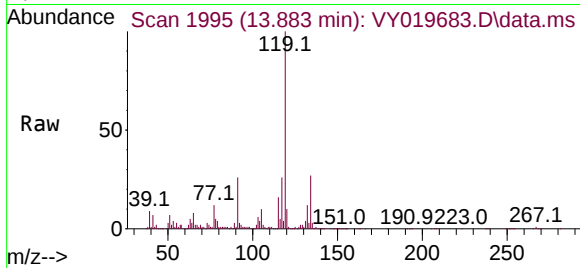




#90
Hexachloroethane
Concen: 107.732 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.001 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 88472
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 252.846 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.007 min
Lab File: VY019683.D
Acq: 24 Sep 2024 15:31

Tgt Ion: 75 Resp: 33748
Ion Ratio Lower Upper
75 100
155 0.7 48.6 145.8#
157 0.0 62.7 188.2#

