

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019684.D
 Acq On : 24 Sep 2024 15:55
 Operator : SY/MD
 Sample : P4144-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:26:55 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	243099	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	417282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	283938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	71415	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	138472	61.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.020%	
35) Dibromofluoromethane	7.628	113	132919	56.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.360%	
50) Toluene-d8	10.109	98	489136	55.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.800%	
62) 4-Bromofluorobenzene	12.407	95	113946	33.864	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 67.720%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.861	85	131	Below Cal	#	43
3) Chloromethane	2.031	50	11686	5.810	ug/l	# 66
8) Diethyl Ether	3.318	74	2406	1.977	ug/l	# 1
11) Tert butyl alcohol	4.848	59	55243	303.884	ug/l	# 76
13) Acrolein	3.604	56	2426	14.206	ug/l	# 1
14) Allyl chloride	4.476	41	7065	1.827	ug/l	# 40
15) Acrylonitrile	5.122	53	7210	13.741	ug/l	# 22
16) Acetone	3.866	43	278436	519.201	ug/l	# 84
17) Carbon Disulfide	4.104	76	46558	7.990	ug/l	96
18) Methyl Acetate	4.378	43	12952	8.900	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	6816	1.116	ug/l	# 1
20) Methylene Chloride	4.610	84	13209	5.401	ug/l	# 74
25) 2-Butanone	6.884	43	26721	35.034	ug/l	# 84
26) 2,2-Dichloropropane	6.878	77	4758	1.183	ug/l	# 51
29) Tetrahydrofuran	7.256	42	887	1.913	ug/l	# 44
31) Cyclohexane	7.701	56	517188	128.378	ug/l	92
36) 1,1-Dichloropropene	8.079	75	1104128	342.969	ug/l	# 1
37) Ethyl Acetate	6.969	43	4462	2.705	ug/l	# 77
38) Carbon Tetrachloride	7.707	117	25750	7.093	ug/l	# 16
39) Methylcyclohexane	9.109	83	942447	219.980	ug/l	93
41) Methacrylonitrile	7.250	41	1748	1.818	ug/l	# 15
42) 1,2-Dichloroethane	8.079	62	510366	191.279	ug/l	# 71
43) Isopropyl Acetate	8.189	43	19826	5.721	ug/l	# 49
45) 1,2-Dichloropropane	9.109	63	9644	3.978	ug/l	# 1
47) Bromodichloromethane	9.298	83	5218	1.464	ug/l	# 26
48) Methyl methacrylate	9.170	41	16453	10.054	ug/l	# 32
49) 1,4-Dioxane	9.231	88	625	40.049	ug/l	# 27
51) 4-Methyl-2-Pentanone	9.999	43	40778	23.389	ug/l	99
53) t-1,3-Dichloropropene	10.176	75	552526	162.656	ug/l	# 1
54) cis-1,3-Dichloropropene	10.048	75	5503	1.391	ug/l	# 1
55) 1,1,2-Trichloroethane	10.548	97	76705	41.900	ug/l	# 22
56) Ethyl methacrylate	10.444	69	50161	18.038	ug/l	# 25
59) 2-Hexanone	10.731	43	81000	63.371	ug/l	# 23
67) Ethyl Benzene	11.517	91	9964168	1004.045	ug/l	93
68) m/p-Xylenes	11.517	106	3311589	882.502	ug/l	# 29
69) o-Xylene	11.950	106	18311905	4989.839	ug/l	# 1

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

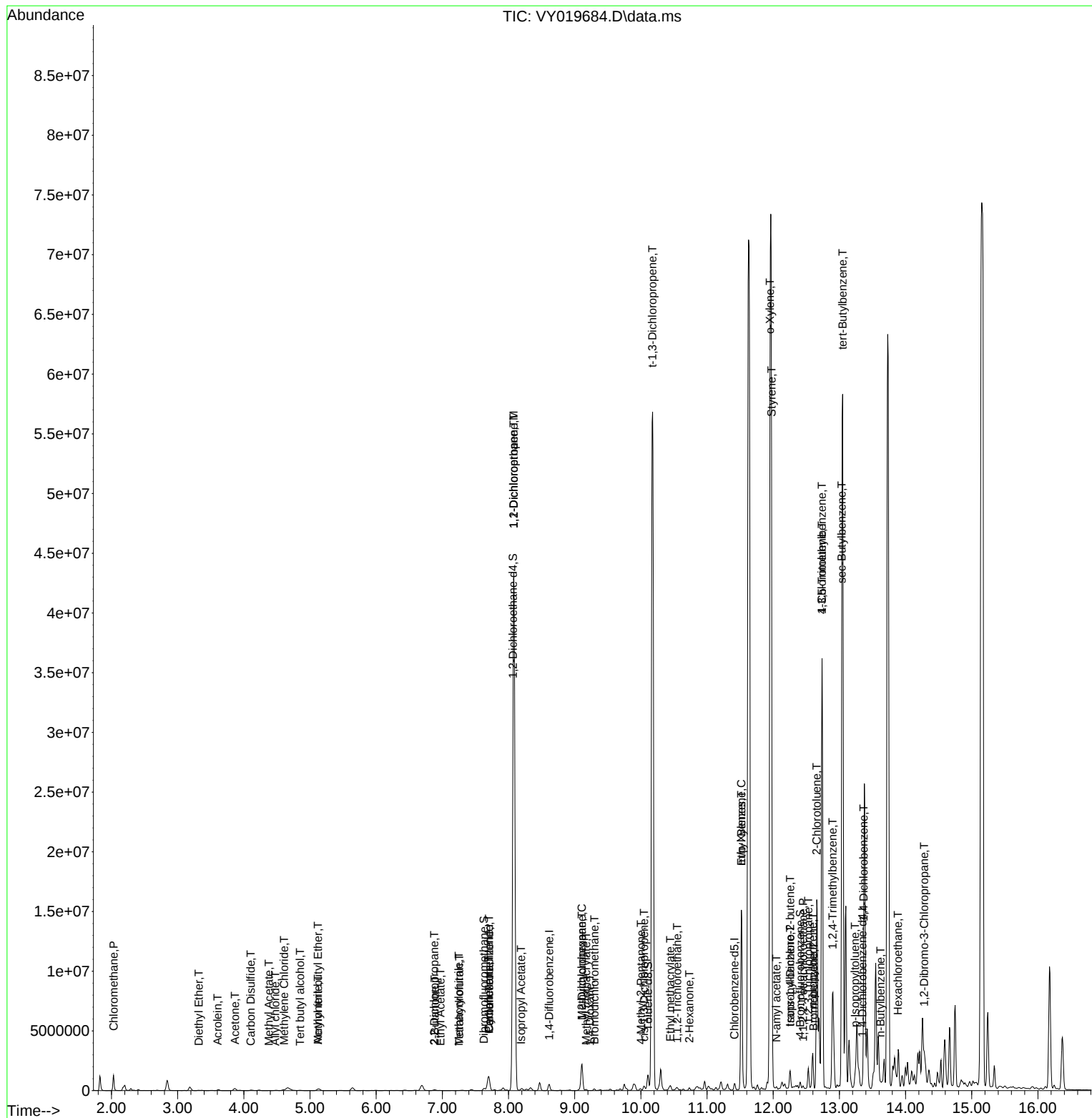
70) Styrene	11.975	104	11234923	1813.244	ug/l #	64
73) Isopropylbenzene	12.255	105	942869	181.988	ug/l	100
74) N-amyl acetate	12.048	43	43781	31.072	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.450	83	7117	7.739	ug/l #	26
76) 1,2,3-Trichloropropane	12.529	75	13059	19.509	ug/l #	100
77) Bromobenzene	12.609	156	38704	33.683	ug/l #	43
78) n-propylbenzene	12.596	91	2229240	363.020	ug/l	100
79) 2-Chlorotoluene	12.657	91	1274953	356.260	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.737	105	14947481	3548.883	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.255	75	11868	34.037	ug/l #	49
82) 4-Chlorotoluene	12.737	91	2161727	587.557	ug/l #	39
83) tert-Butylbenzene	13.048	119	5011358	1314.282	ug/l #	60
84) 1,2,4-Trimethylbenzene	12.895	105	4270069	1024.194	ug/l	76
85) sec-Butylbenzene	13.035	105	19341046	3491.647	ug/l #	56
86) p-Isopropyltoluene	13.237	119	708165	156.259	ug/l	86
88) 1,4-Dichlorobenzene	13.365	146	6824	3.080	ug/l #	14
89) n-Butylbenzene	13.621	91	200960	46.384	ug/l #	51
90) Hexachloroethane	13.883	117	235382	249.615	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.279	75	83128	542.393	ug/l #	1

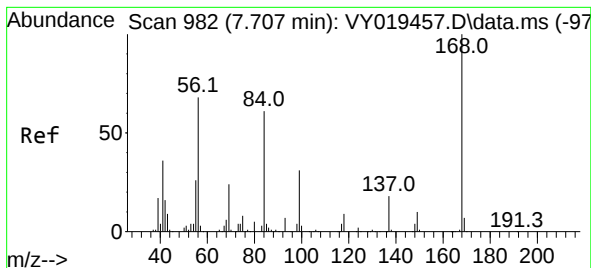
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY019684.D

Acq: 24 Sep 2024 15:55

Instrument :

MSVOA_Y

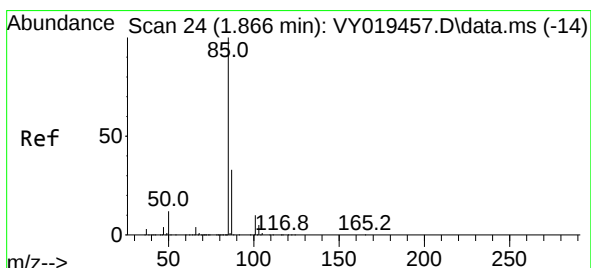
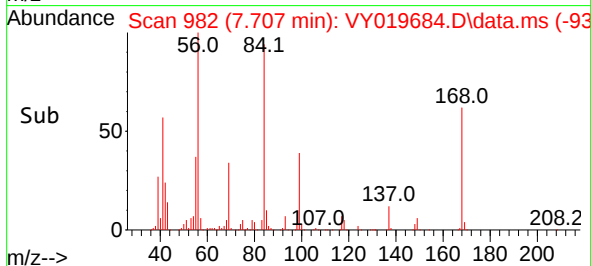
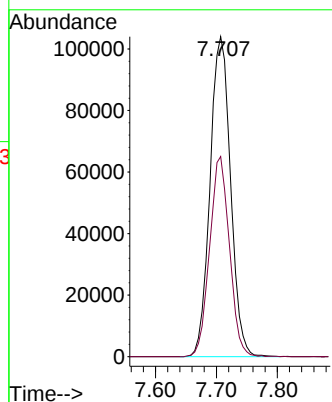
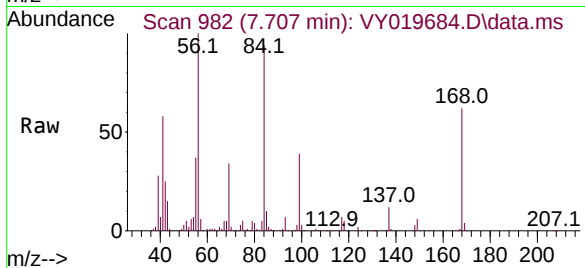
ClientSampleId :

Tgt Ion:168 Resp: 243099

Ion Ratio Lower Upper

168 100

99 62.6 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.861 min Scan# 23

Delta R.T. -0.005 min

Lab File: VY019684.D

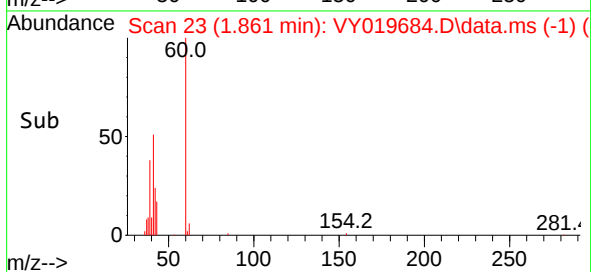
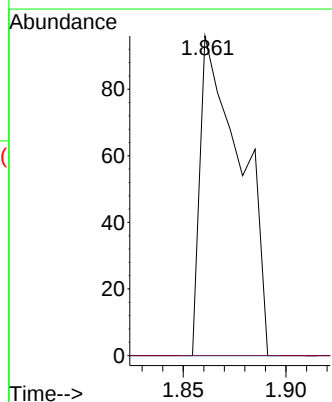
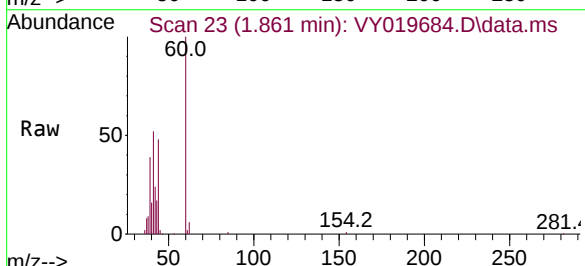
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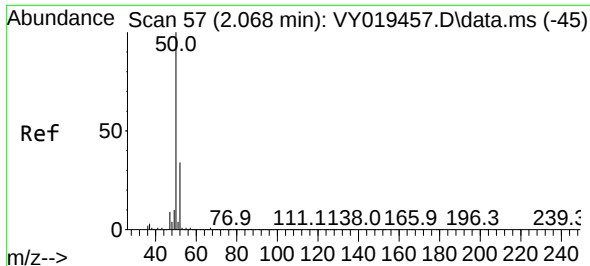
Tgt Ion: 85 Resp: 131

Ion Ratio Lower Upper

85 100

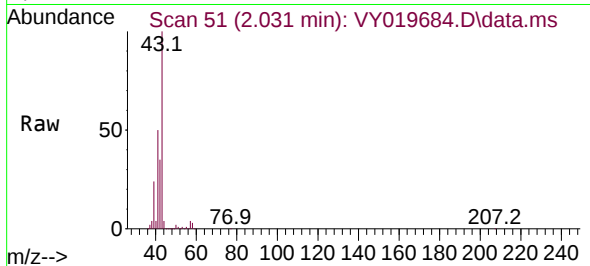
87 0.0 16.0 48.0#



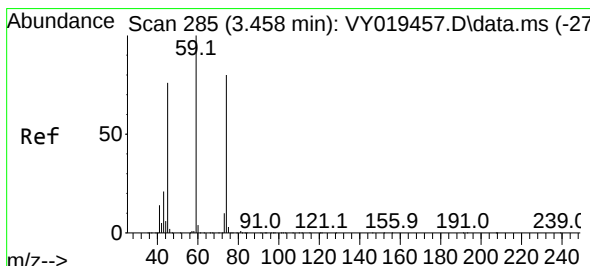
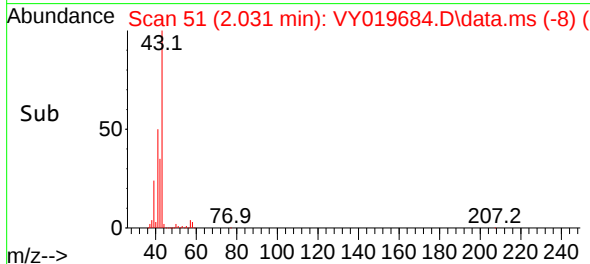
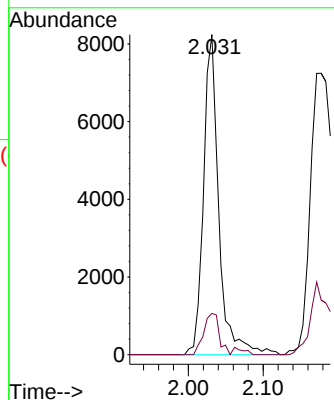


#3
Chloromethane
Concen: 5.810 ug/l
RT: 2.031 min Scan# 51
Delta R.T. -0.036 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Instrument :
MSVOA_Y
ClientSampleId :

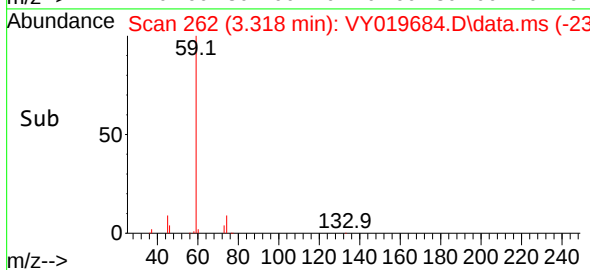
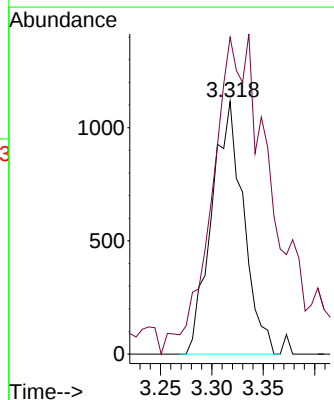
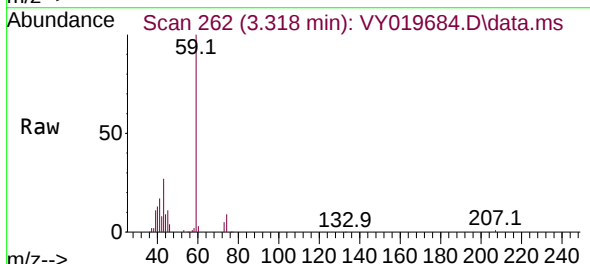


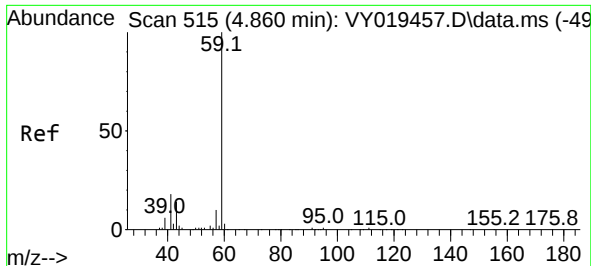
Tgt Ion: 50 Resp: 11686
Ion Ratio Lower Upper
50 100
52 12.9 25.6 38.4#



#8
Diethyl Ether
Concen: 1.977 ug/l
RT: 3.318 min Scan# 262
Delta R.T. -0.140 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

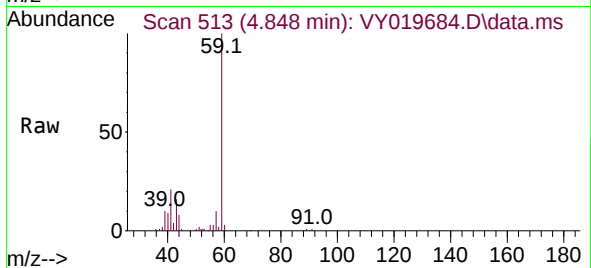
Tgt Ion: 74 Resp: 2406
Ion Ratio Lower Upper
74 100
45 230.5 41.3 124.1#



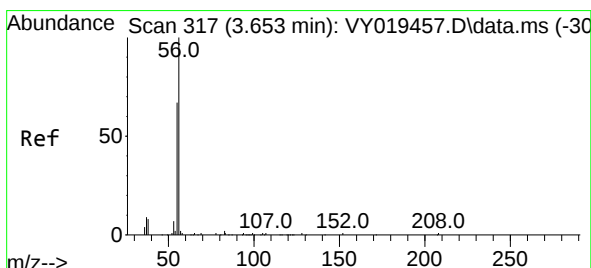
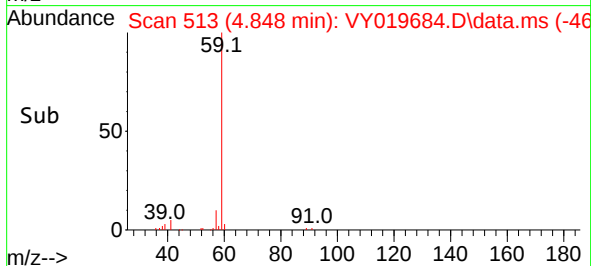
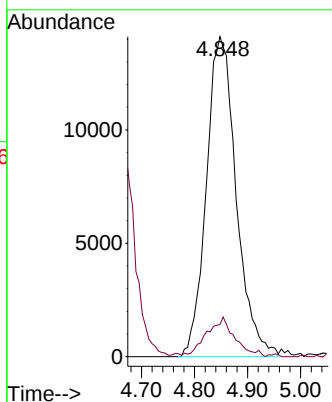


#11
Tert butyl alcohol
Concen: 303.884 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Instrument :
MSVOA_Y
ClientSampleId :

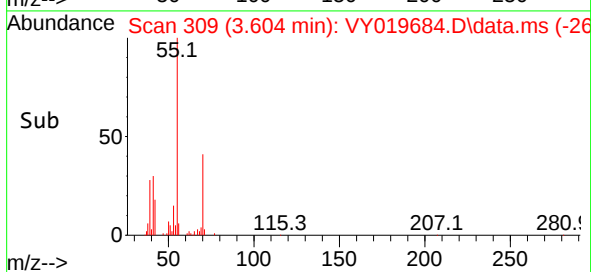
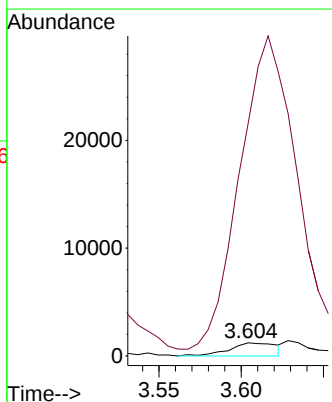
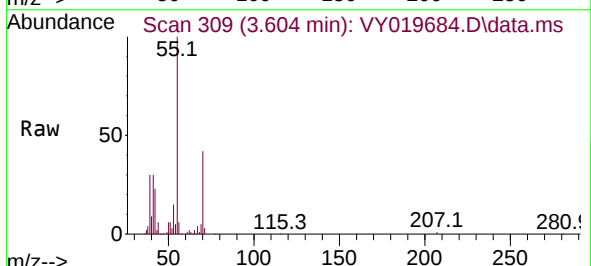


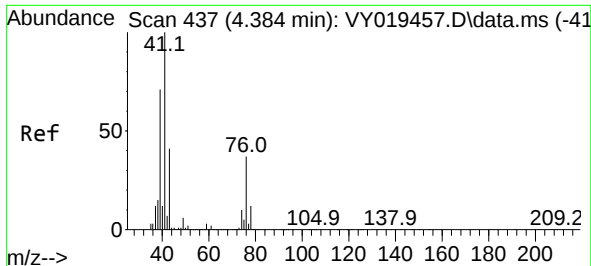
Tgt Ion: 59 Resp: 55243
Ion Ratio Lower Upper
59 100
57 11.6 3.0 4.6#



#13
Acrolein
Concen: 14.206 ug/l
RT: 3.604 min Scan# 309
Delta R.T. -0.049 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

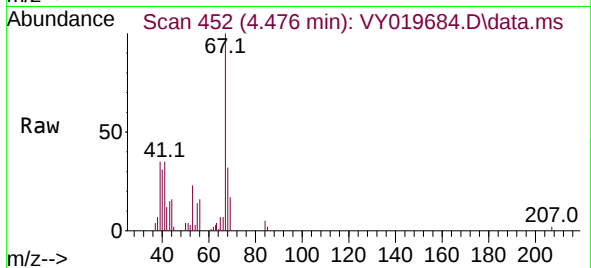
Tgt Ion: 56 Resp: 2426
Ion Ratio Lower Upper
56 100
55 3044.8 55.7 83.5#



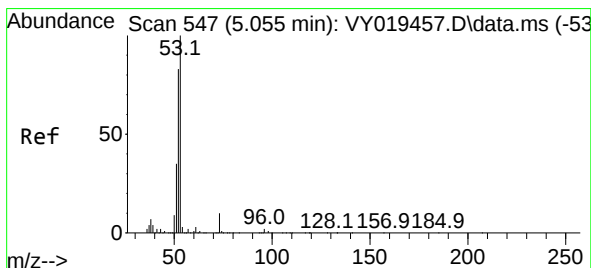
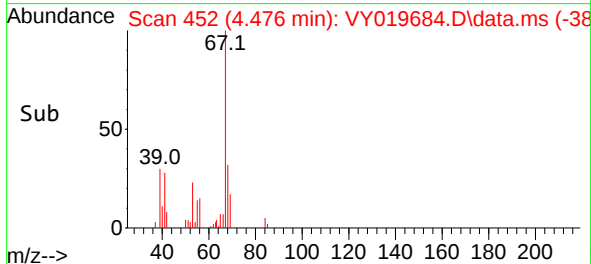
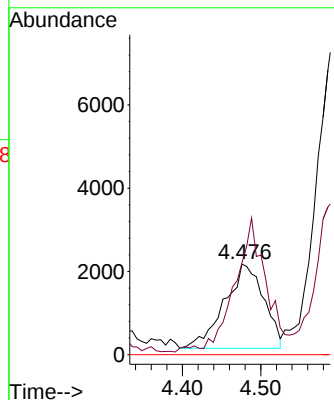


#14
 Allyl chloride
 Concen: 1.827 ug/l
 RT: 4.476 min Scan# 41
 Delta R.T. 0.092 min
 Lab File: VY019684.D
 Acq: 24 Sep 2024 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :

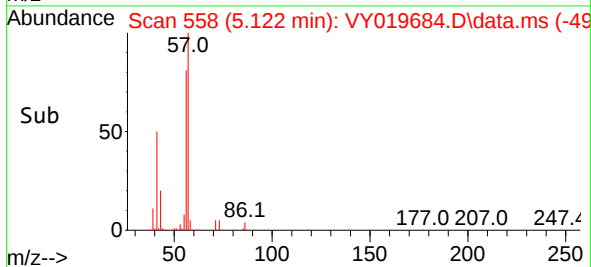
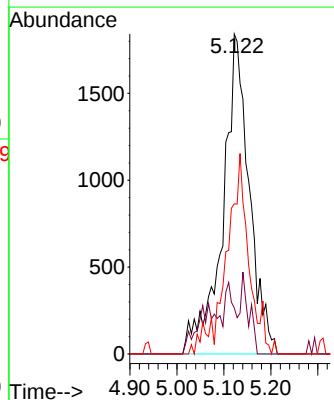
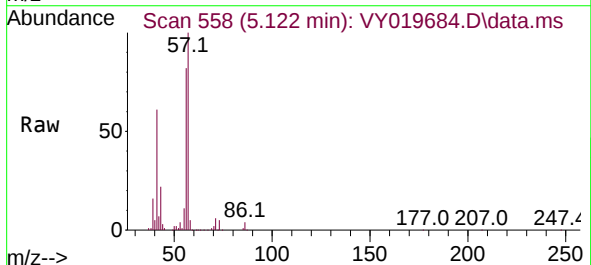


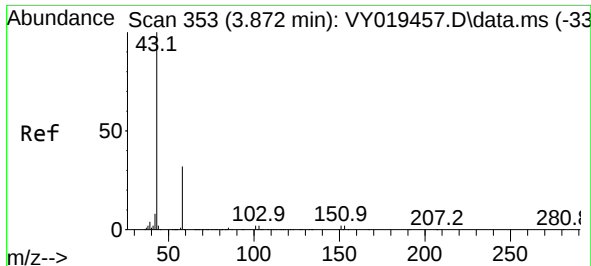
Tgt Ion: 41 Resp: 7065
 Ion Ratio Lower Upper
 41 100
 39 116.3 58.3 87.5#
 76 0.0 39.0 58.6#



#15
 Acrylonitrile
 Concen: 13.741 ug/l
 RT: 5.122 min Scan# 558
 Delta R.T. 0.067 min
 Lab File: VY019684.D
 Acq: 24 Sep 2024 15:55

Tgt Ion: 53 Resp: 7210
 Ion Ratio Lower Upper
 53 100
 52 4.6 64.7 97.1#
 51 0.0 28.4 42.6#

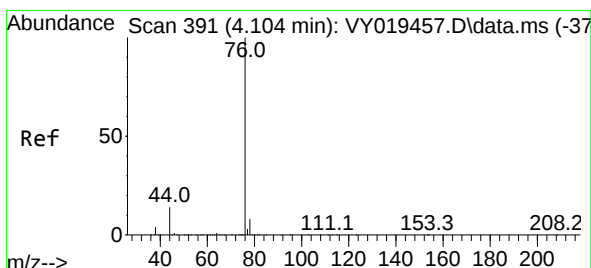
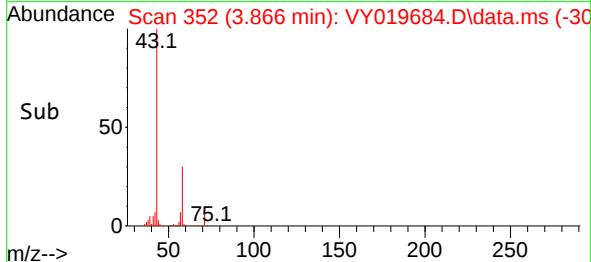
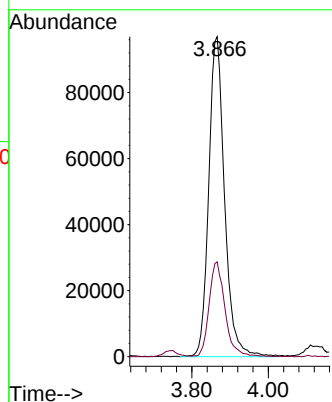
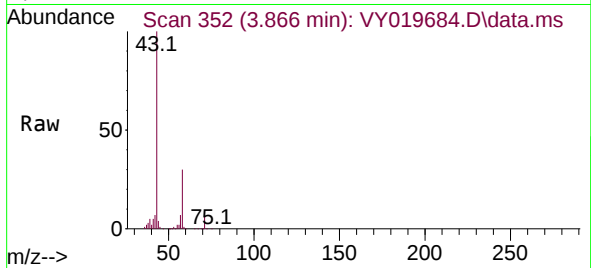




#16
Acetone
Concen: 519.201 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

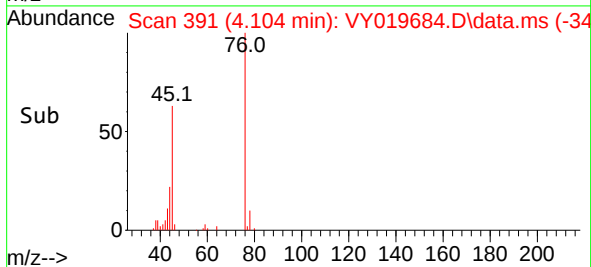
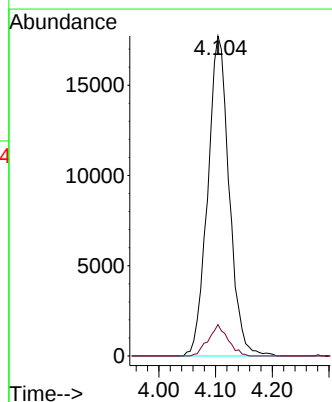
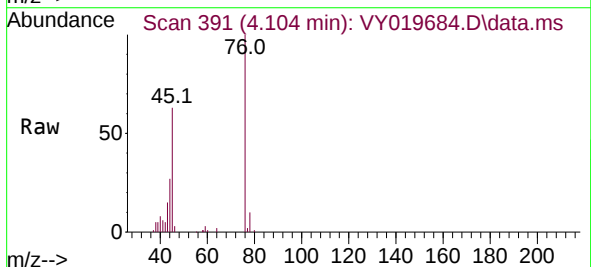
Instrument :
MSVOA_Y
ClientSampleId :

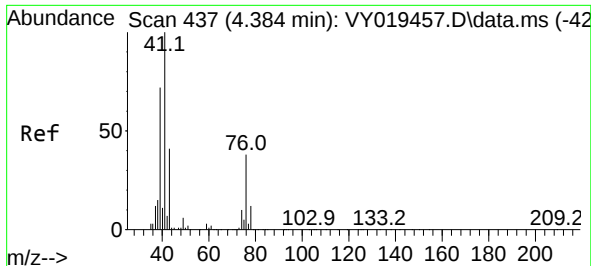
Tgt Ion: 43 Resp: 278436
Ion Ratio Lower Upper
43 100
58 29.6 31.7 47.5#



#17
Carbon Disulfide
Concen: 7.990 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 76 Resp: 46558
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

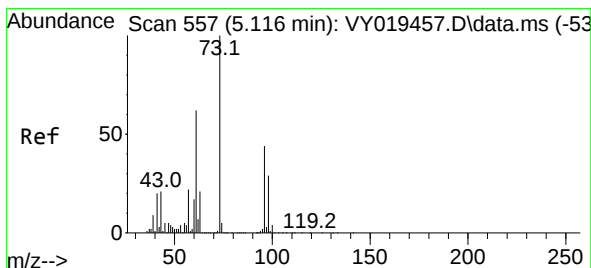
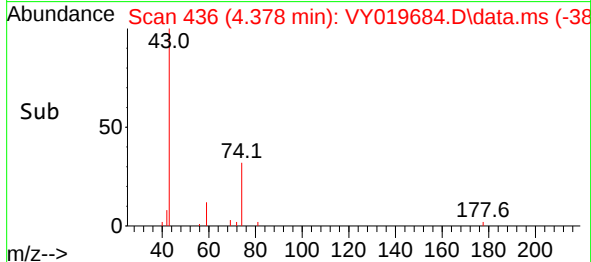
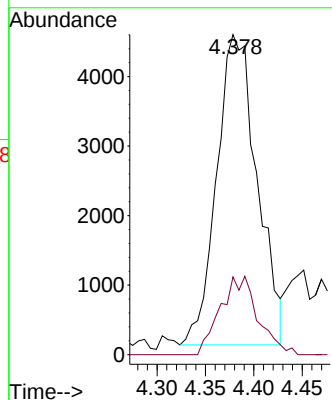
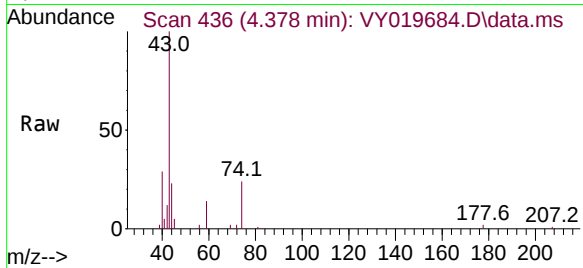




#18
Methyl Acetate
Concen: 8.900 ug/l
RT: 4.378 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

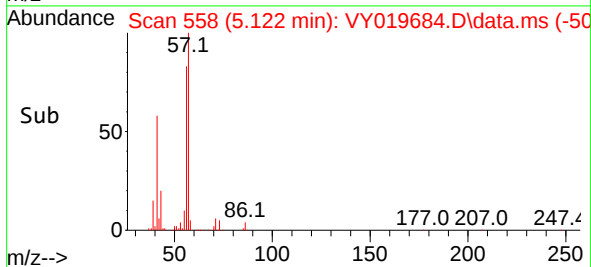
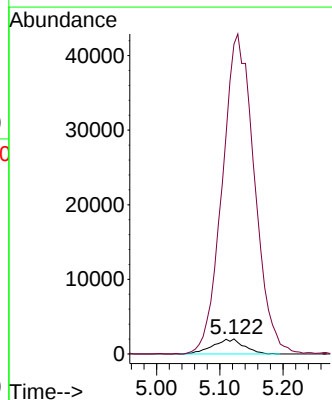
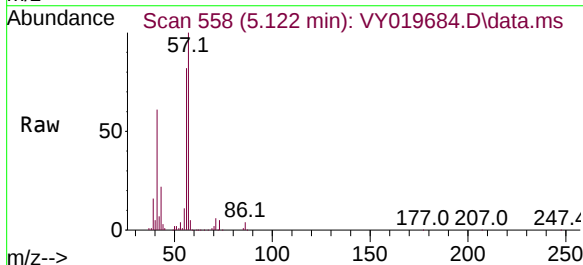
Instrument :
MSVOA_Y
ClientSampleId :

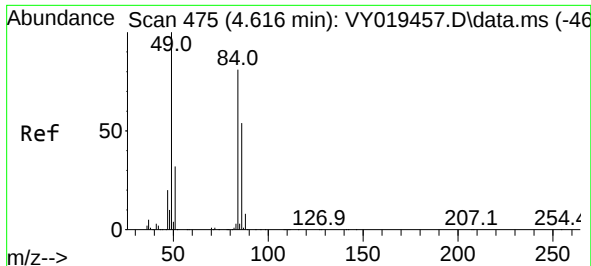
Tgt Ion: 43 Resp: 12952
Ion Ratio Lower Upper
43 100
74 23.6 23.3 34.9



#19
Methyl tert-butyl Ether
Concen: 1.116 ug/l
RT: 5.122 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

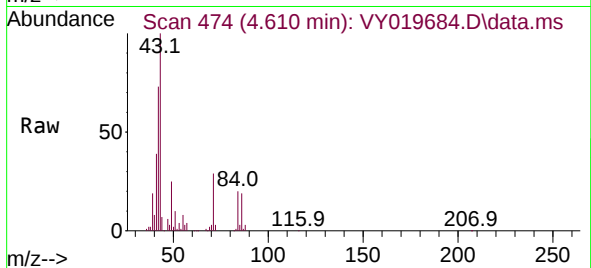
Tgt Ion: 73 Resp: 6816
Ion Ratio Lower Upper
73 100
57 2061.6 17.3 25.9#



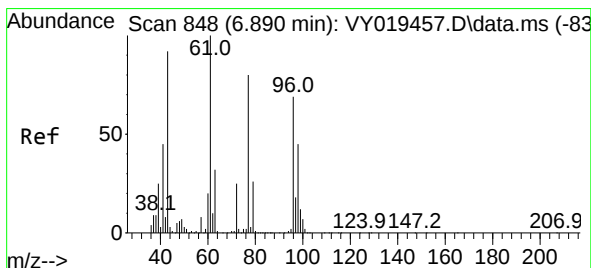
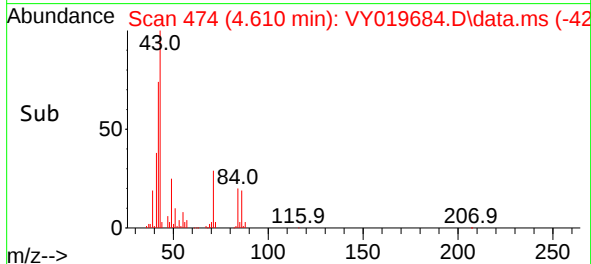
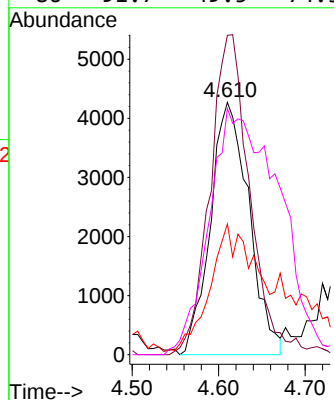


#20
Methylene Chloride
Concen: 5.401 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Instrument :
MSVOA_Y
ClientSampleId :

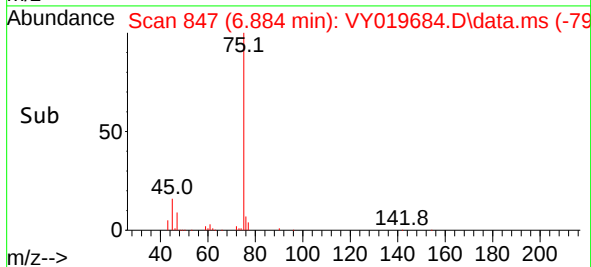
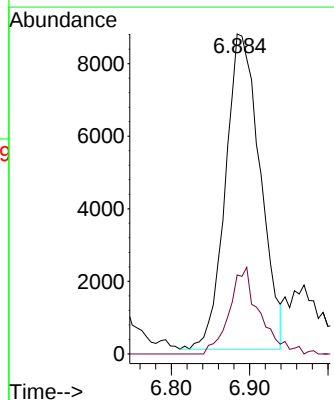
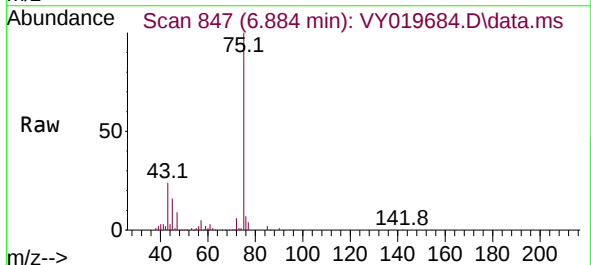


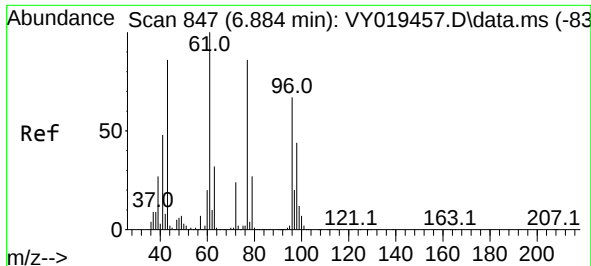
Tgt Ion:	84	Resp:	13209
Ion	Ratio	Lower	Upper
84	100		
49	123.8	84.4	126.6
51	47.5	26.0	39.0#
86	91.7	49.5	74.3#



#25
2-Butanone
Concen: 35.034 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

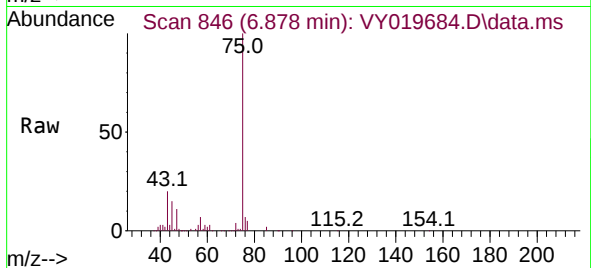
Tgt Ion:	43	Resp:	26721
Ion	Ratio	Lower	Upper
43	100		
72	25.1	27.3	40.9#



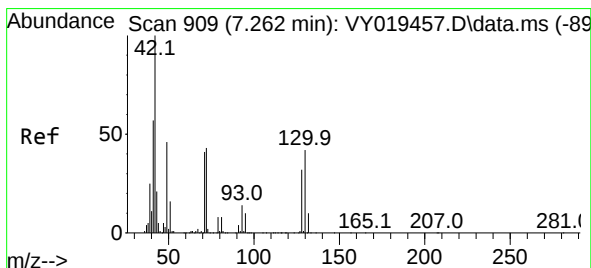
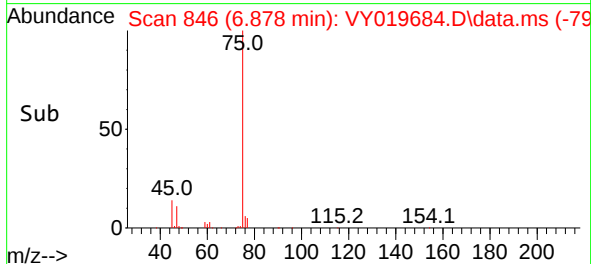
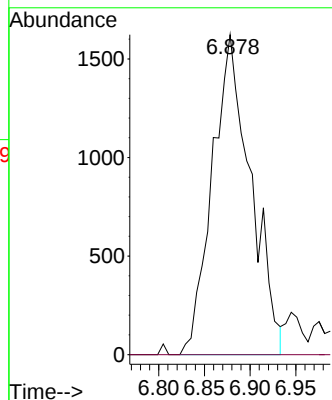


#26
2,2-Dichloropropane
Concen: 1.183 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Instrument :
MSVOA_Y
ClientSampleId :

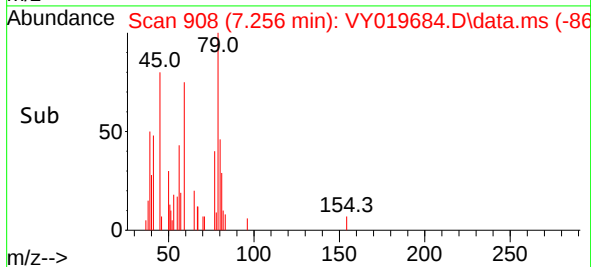
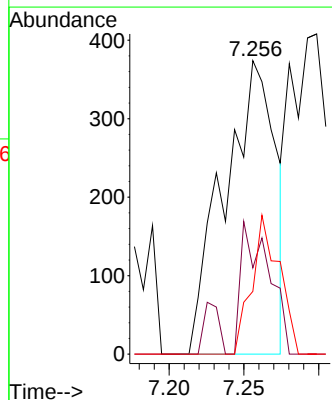
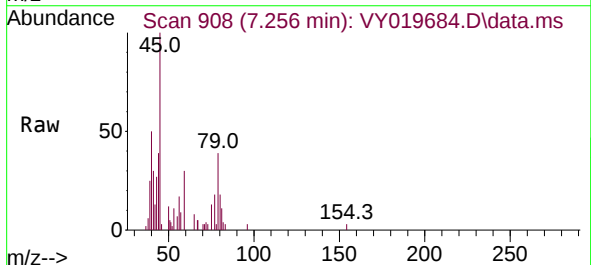


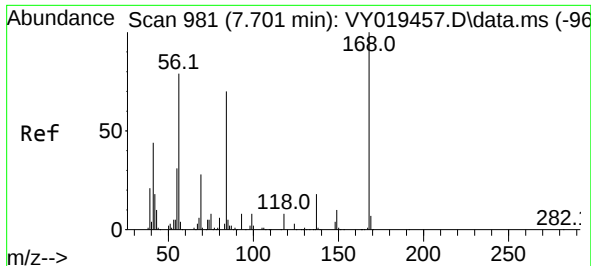
Tgt Ion: 77 Resp: 4758
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#29
Tetrahydrofuran
Concen: 1.913 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 42 Resp: 887
Ion Ratio Lower Upper
42 100
72 24.8 43.0 64.4#
71 0.0 40.8 61.2#

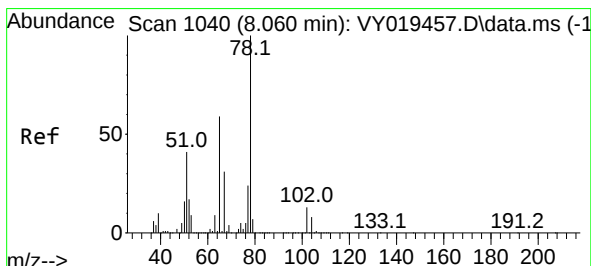
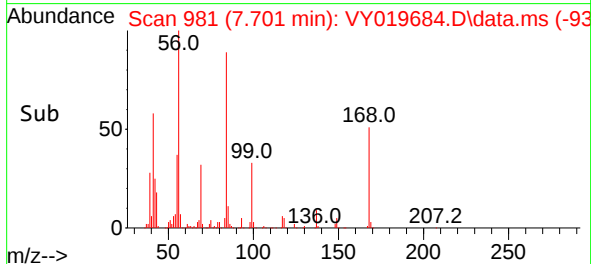
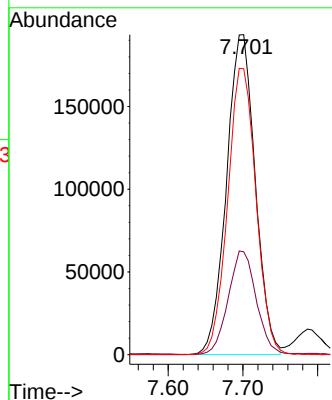
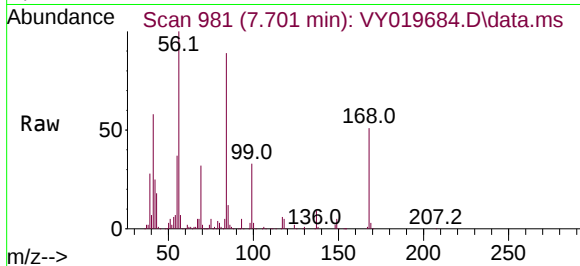




#31
Cyclohexane
Concen: 128.378 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

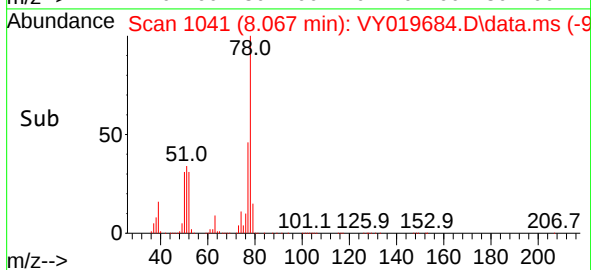
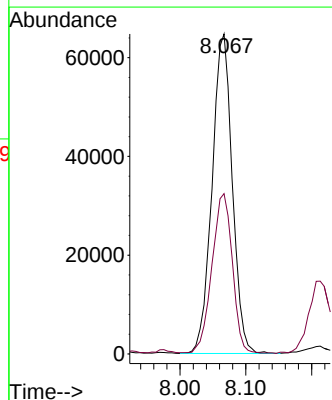
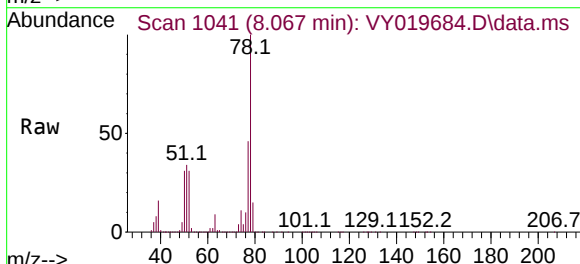
Instrument :
MSVOA_Y
ClientSampleId :

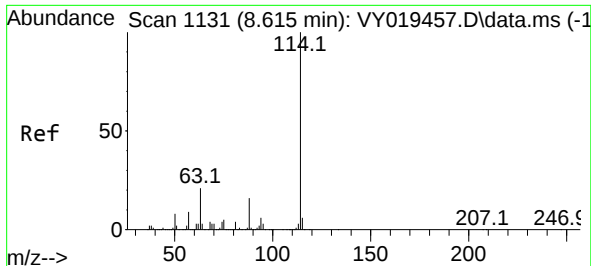
Tgt Ion: 56 Resp: 517188
Ion Ratio Lower Upper
56 100
69 32.0 28.7 43.1
84 89.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 61.515 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 65 Resp: 138472
Ion Ratio Lower Upper
65 100
67 50.1 0.0 109.6

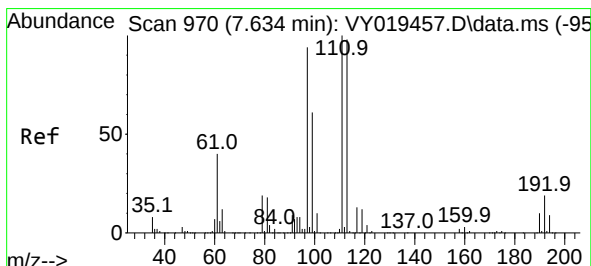
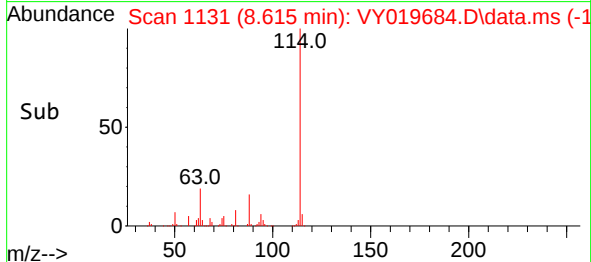
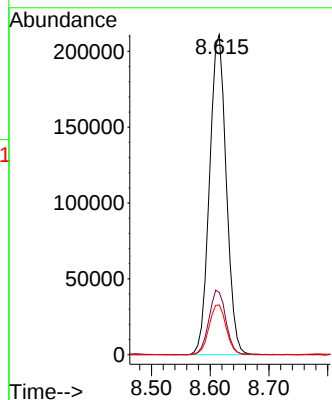
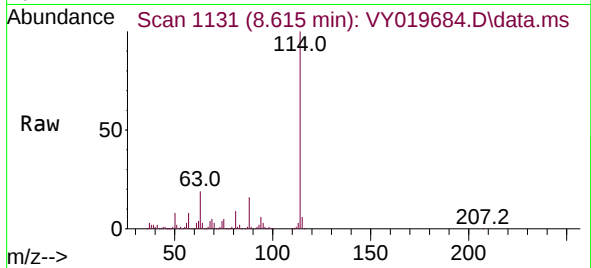




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

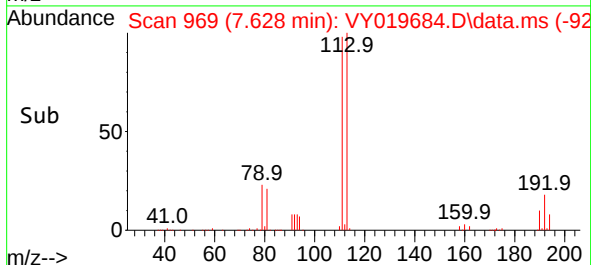
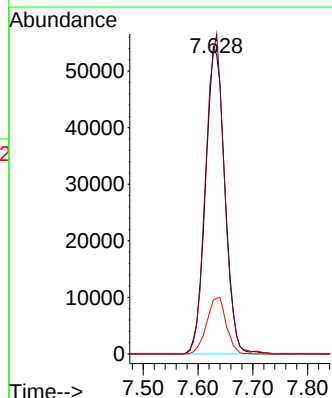
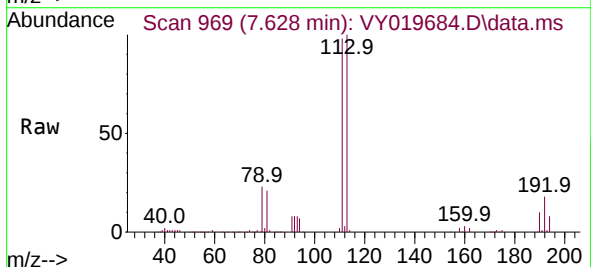
Instrument :
MSVOA_Y
ClientSampleId :

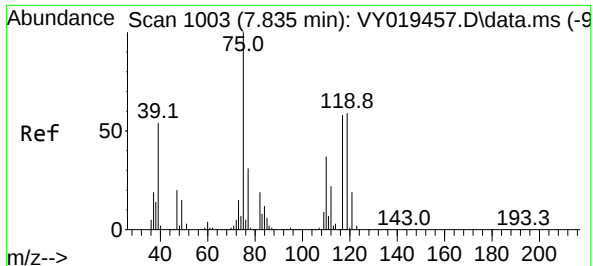
Tgt Ion:114 Resp: 417282
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.181 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion:113 Resp: 132919
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 18.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 342.969 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.244 min

Lab File: VY019684.D

Acq: 24 Sep 2024 15:55

Instrument :

MSVOA_Y

ClientSampleId :

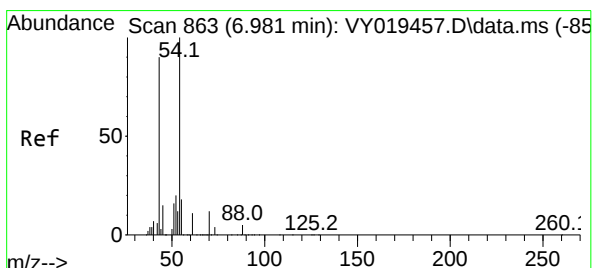
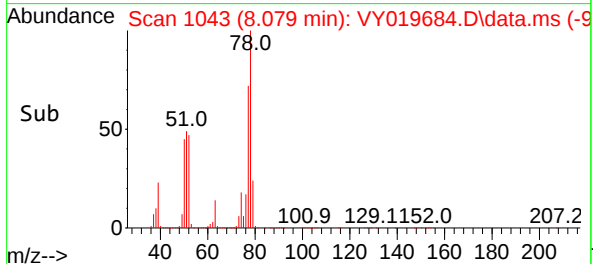
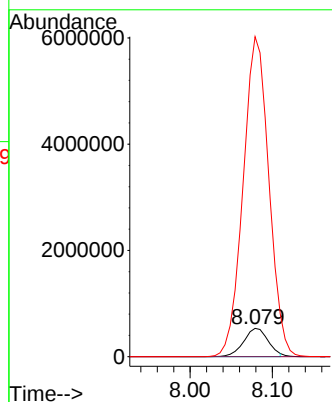
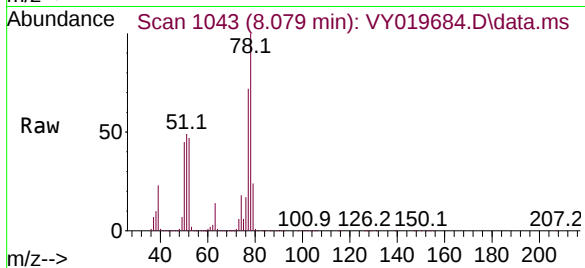
Tgt Ion: 75 Resp: 1104128

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 1173.8 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.705 ug/l

RT: 6.969 min Scan# 861

Delta R.T. -0.012 min

Lab File: VY019684.D

Acq: 24 Sep 2024 15:55

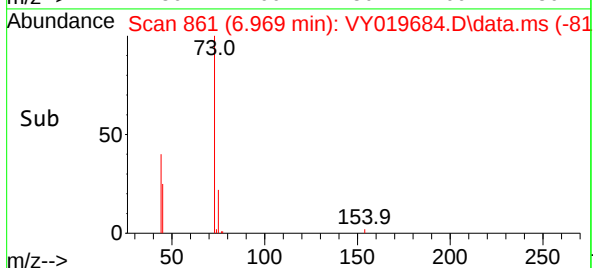
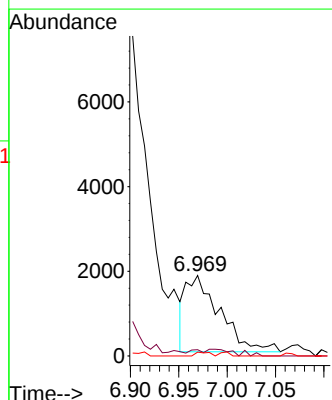
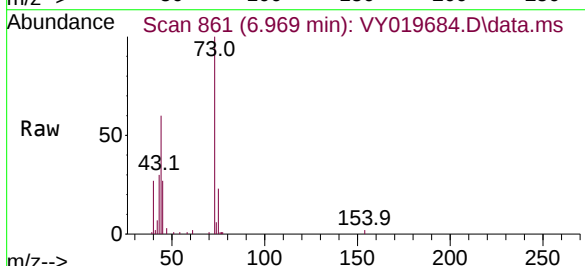
Tgt Ion: 43 Resp: 4462

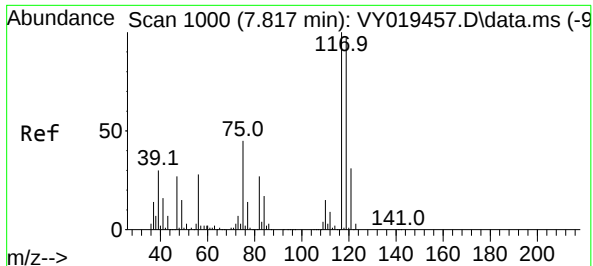
Ion Ratio Lower Upper

43 100

61 5.6 12.6 19.0#

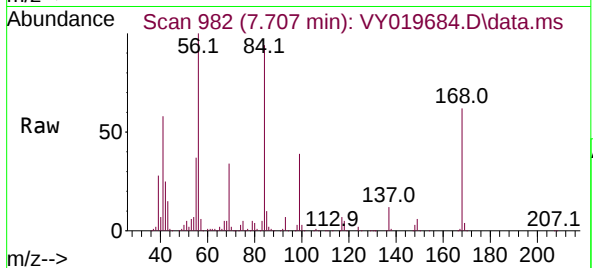
70 2.0 7.8 11.8#



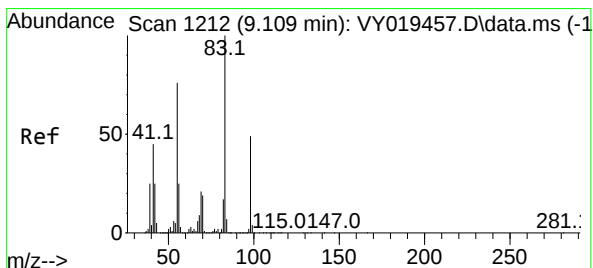
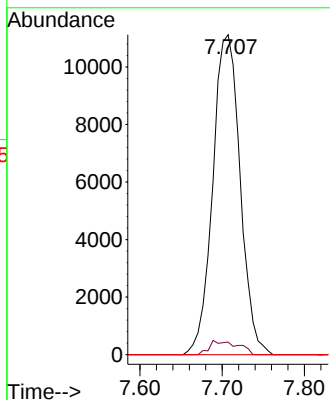
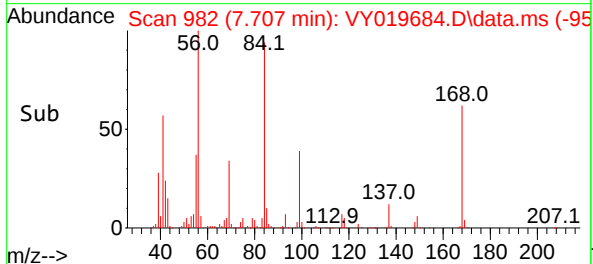


#38
Carbon Tetrachloride
Concen: 7.093 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

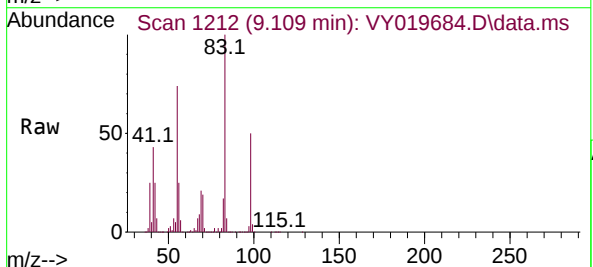
Instrument :
MSVOA_Y
ClientSampleId :



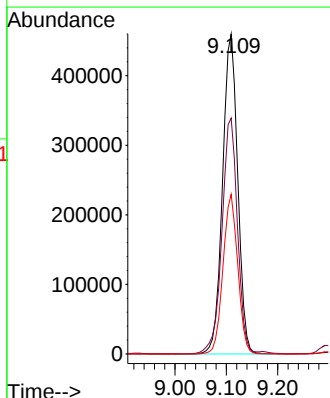
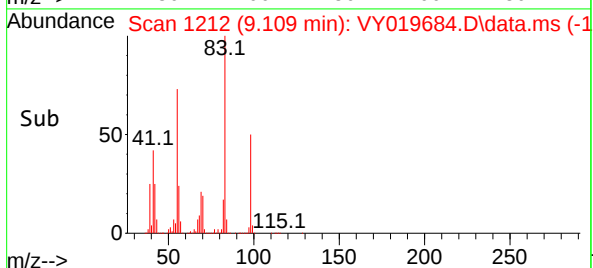
Tgt Ion:117 Resp: 25750
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#

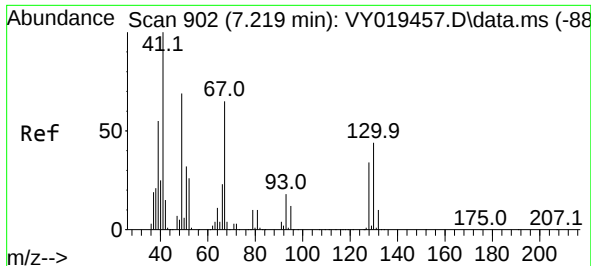


#39
Methylcyclohexane
Concen: 219.980 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55



Tgt Ion: 83 Resp: 942447
Ion Ratio Lower Upper
83 100
55 73.7 51.5 77.3
98 49.9 40.5 60.7

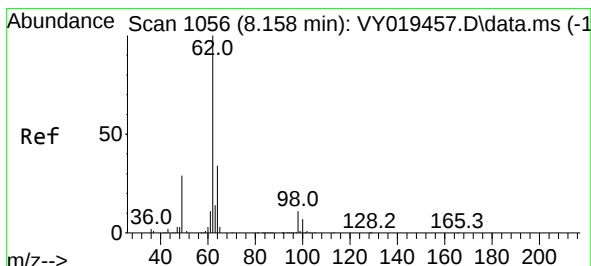
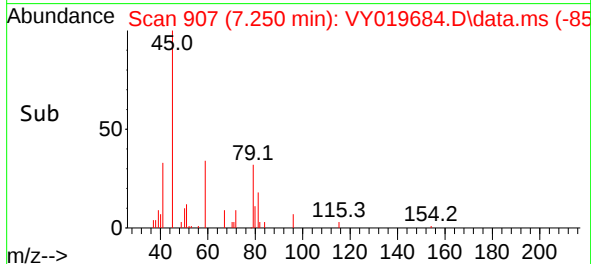
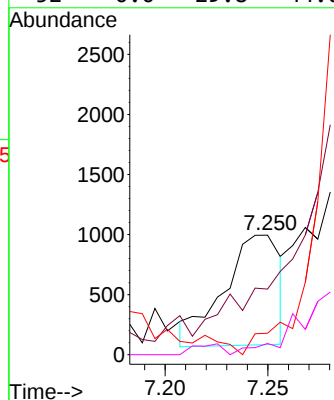
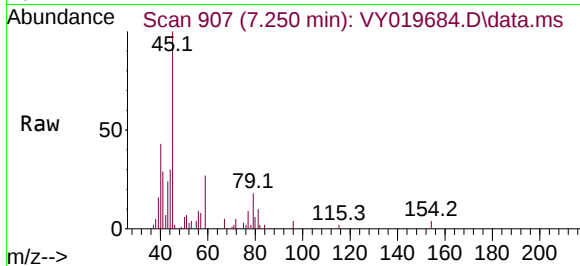




#41
Methacrylonitrile
Concen: 1.818 ug/l
RT: 7.250 min Scan# 90
Delta R.T. 0.031 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

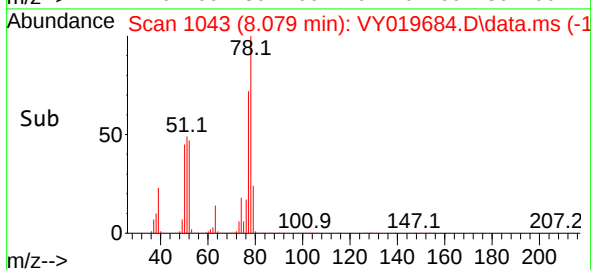
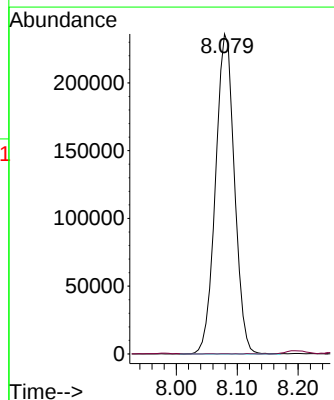
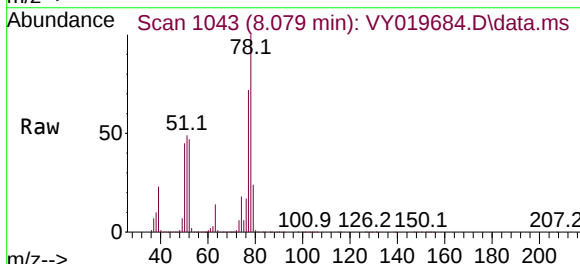
Instrument :
MSVOA_Y
ClientSampleId :

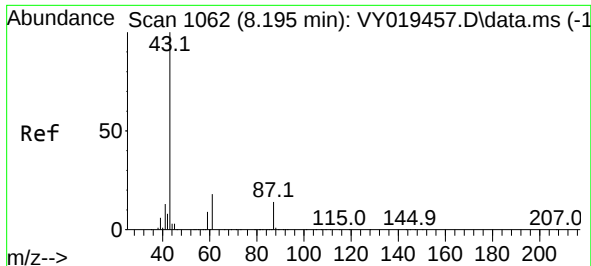
Tgt Ion:	41	Resp:	1748
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 191.279 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.079 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion:	62	Resp:	510366
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0

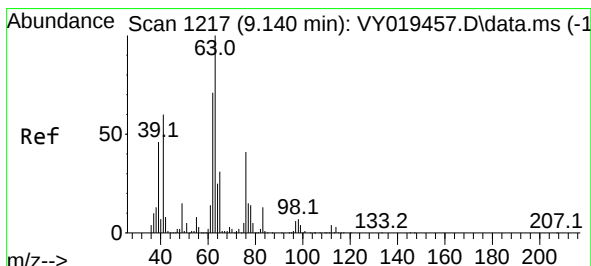
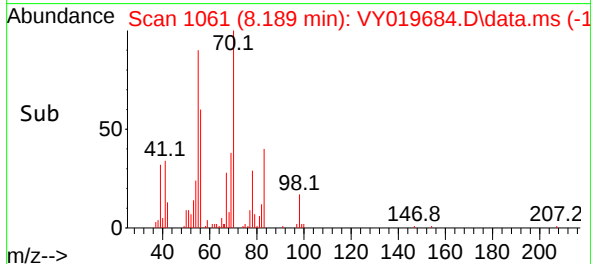
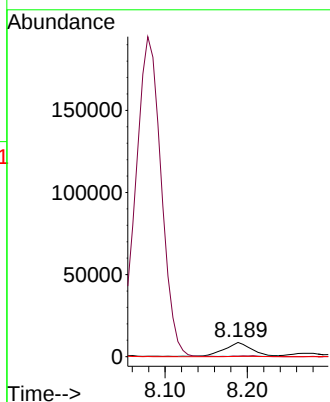
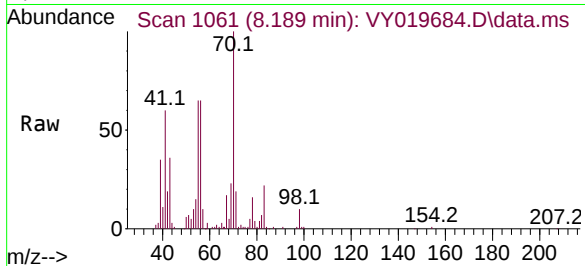




#43
Isopropyl Acetate
Concen: 5.721 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

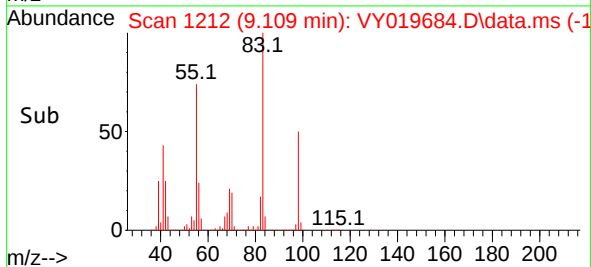
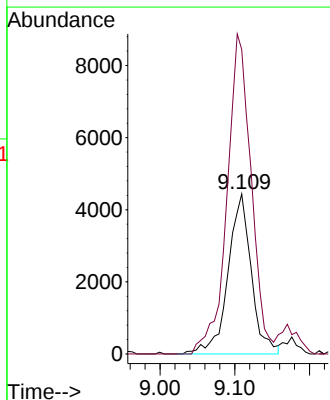
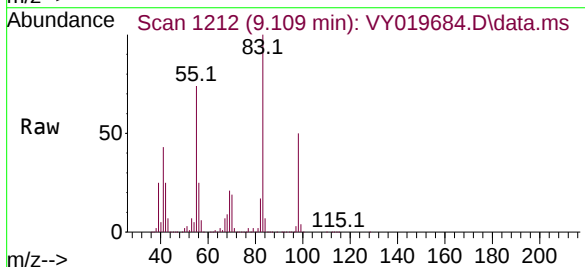
Instrument :
MSVOA_Y
ClientSampleId :

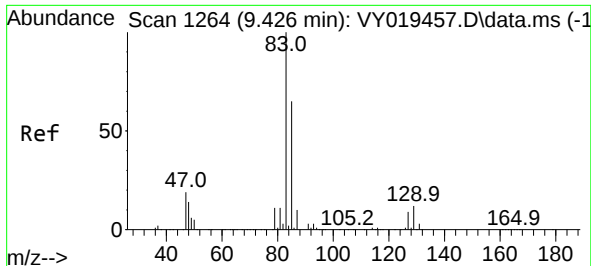
Tgt Ion: 43 Resp: 19826
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 2.5 13.1 19.7#



#45
1,2-Dichloropropane
Concen: 3.978 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.030 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 63 Resp: 9644
Ion Ratio Lower Upper
63 100
65 190.2 25.4 38.2#

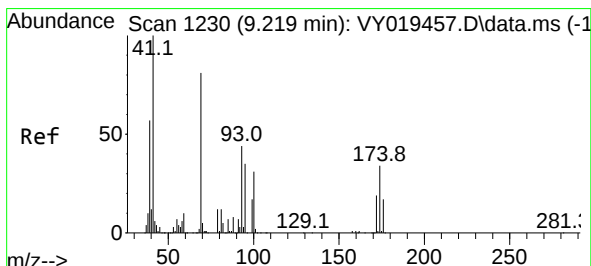
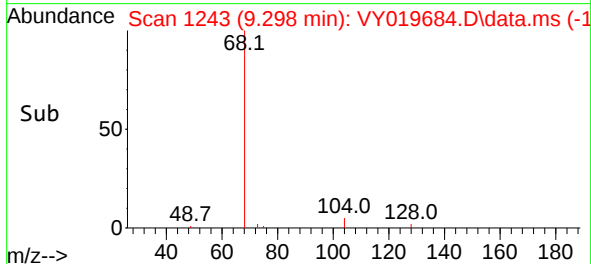
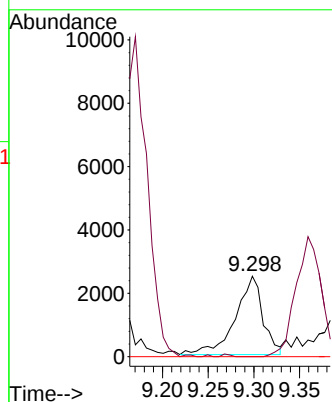
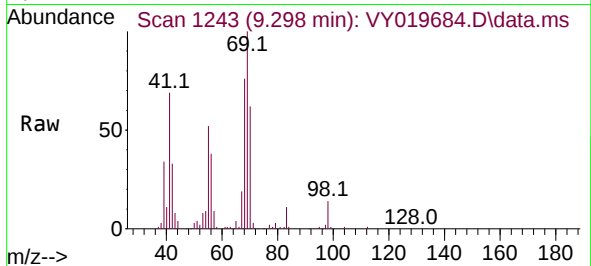




#47
Bromodichloromethane
Concen: 1.464 ug/l
RT: 9.298 min Scan# 11
Delta R.T. -0.128 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

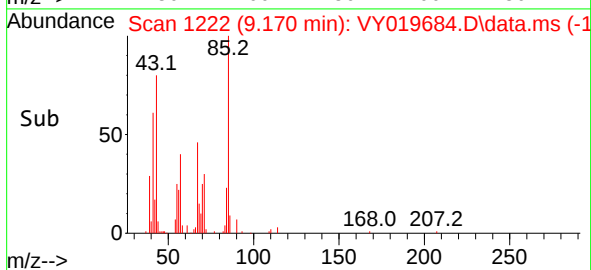
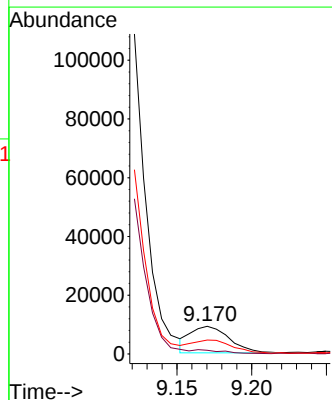
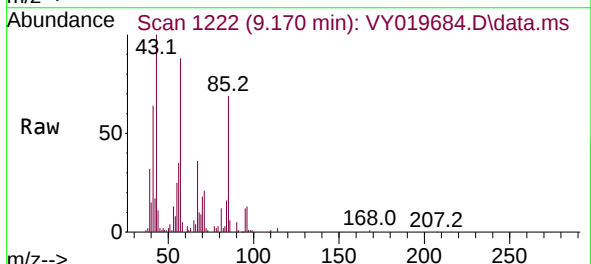
Instrument :
MSVOA_Y
ClientSampleId :

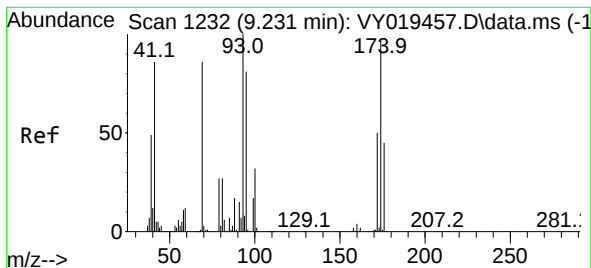
Tgt Ion: 83 Resp: 5218
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 10.054 ug/l
RT: 9.170 min Scan# 1222
Delta R.T. -0.049 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 41 Resp: 16453
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 53.1 43.6 65.4





#49

1,4-Dioxane

Concen: 40.049 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019684.D

Acq: 24 Sep 2024 15:55

Instrument :

MSVOA_Y

ClientSampleId :

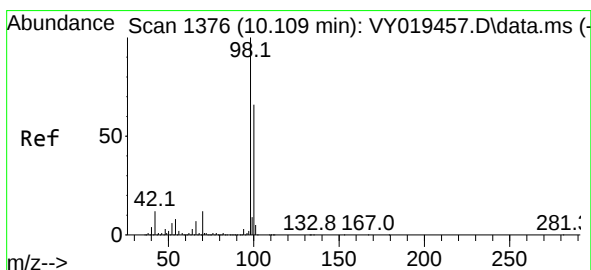
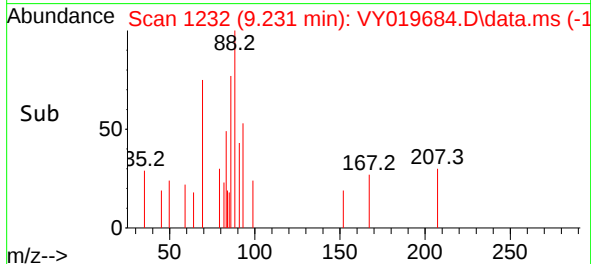
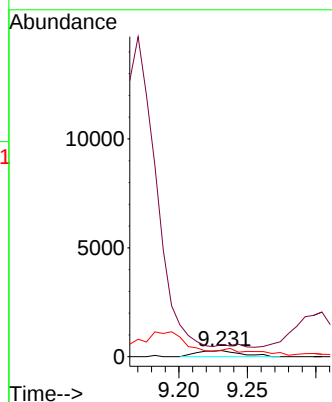
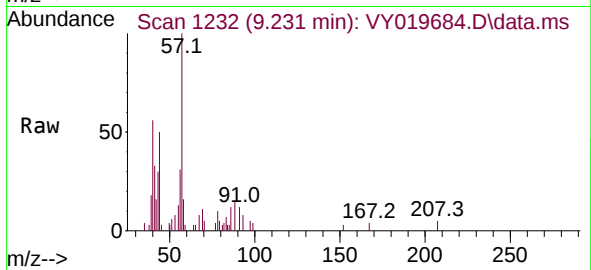
Tgt Ion: 88 Resp: 625

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 117.8 49.3 73.9#



#50

Toluene-d8

Concen: 55.895 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019684.D

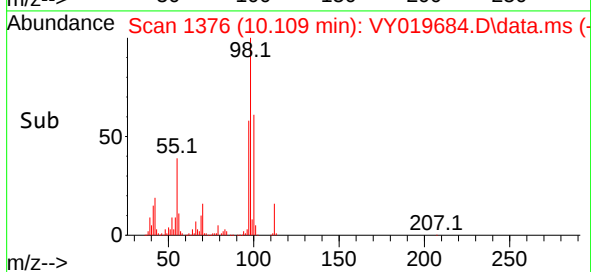
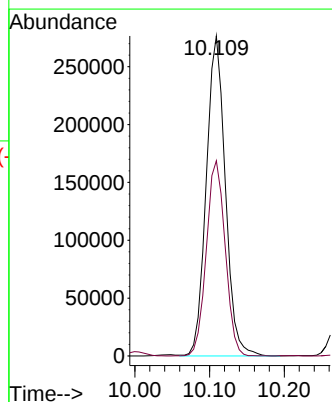
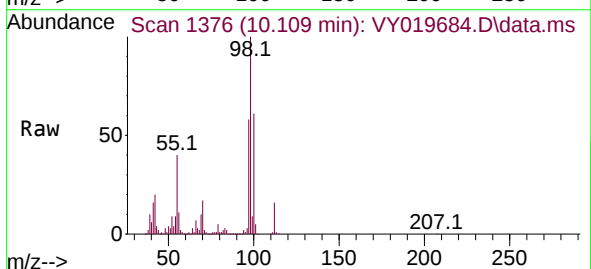
Acq: 24 Sep 2024 15:55

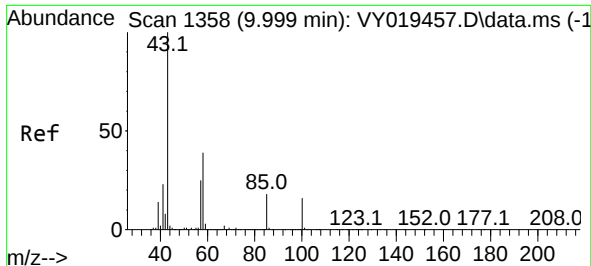
Tgt Ion: 98 Resp: 489136

Ion Ratio Lower Upper

98 100

100 60.4 52.0 78.0

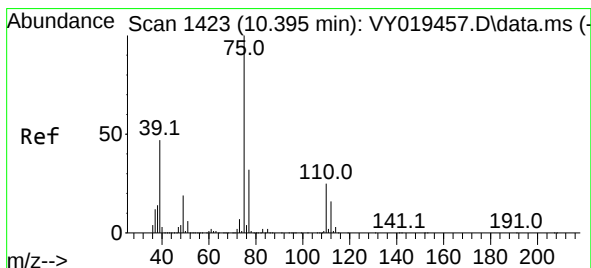
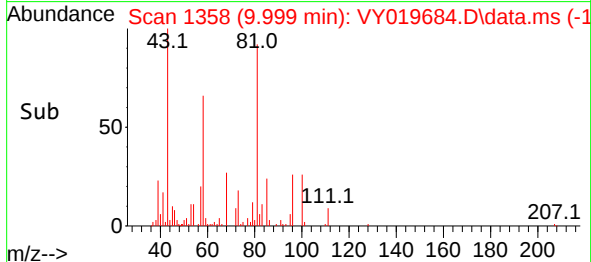
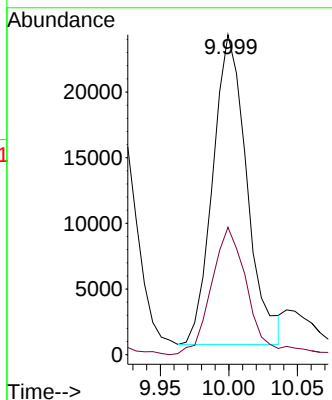
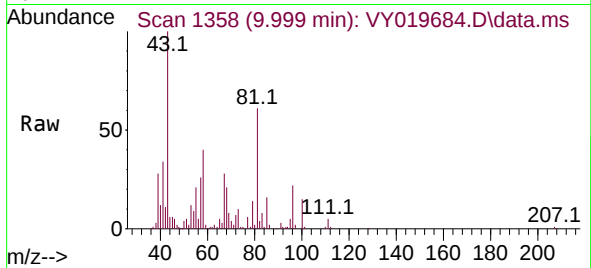




#51
4-Methyl-2-Pentanone
Concen: 23.389 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

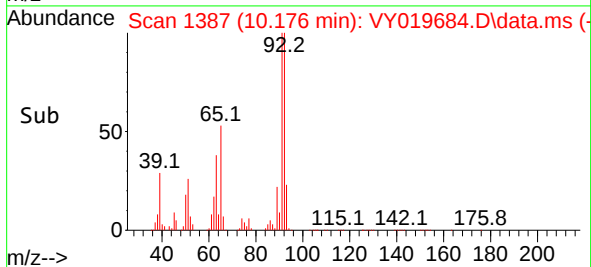
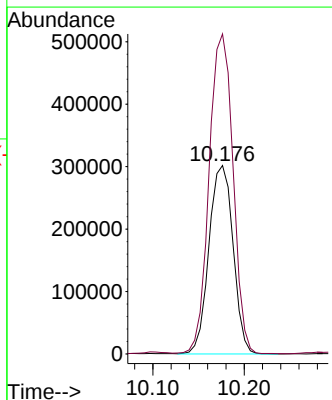
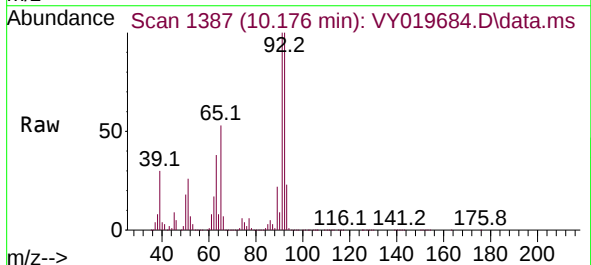
Instrument :
MSVOA_Y
ClientSampleId :

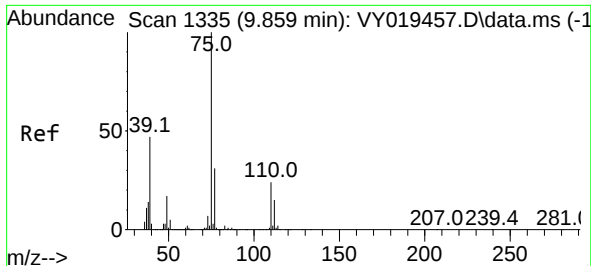
Tgt Ion: 43 Resp: 40778
Ion Ratio Lower Upper
43 100
58 44.0 35.7 53.5



#53
t-1,3-Dichloropropene
Concen: 162.656 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.219 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 75 Resp: 552526
Ion Ratio Lower Upper
75 100
77 169.7 24.1 36.1#

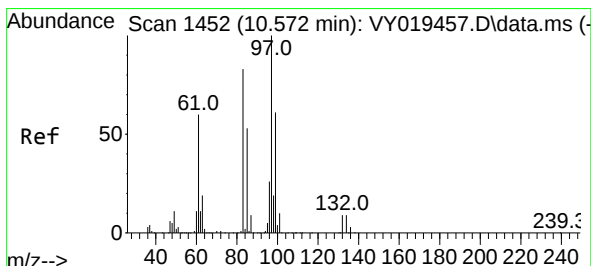
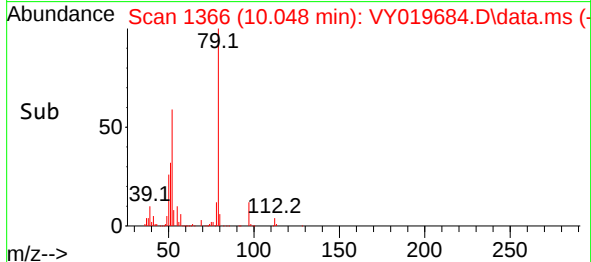
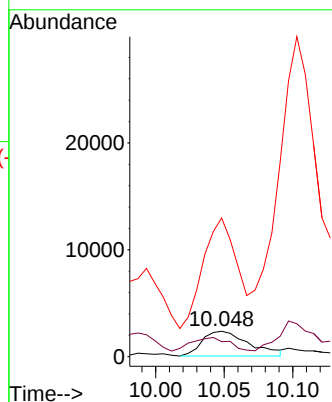
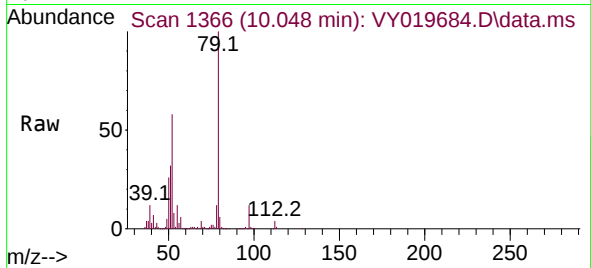




#54
 cis-1,3-Dichloropropene
 Concen: 1.391 ug/l
 RT: 10.048 min Scan# 11
 Delta R.T. 0.189 min
 Lab File: VY019684.D
 Acq: 24 Sep 2024 15:55

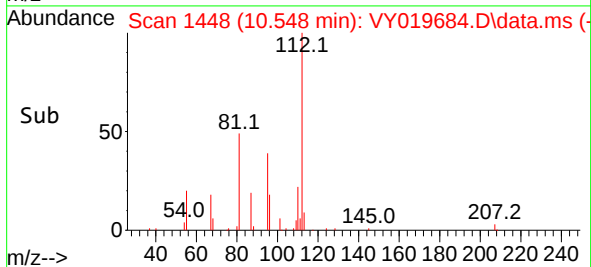
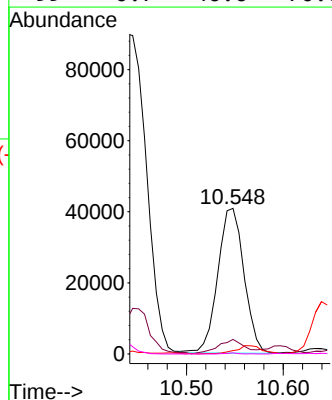
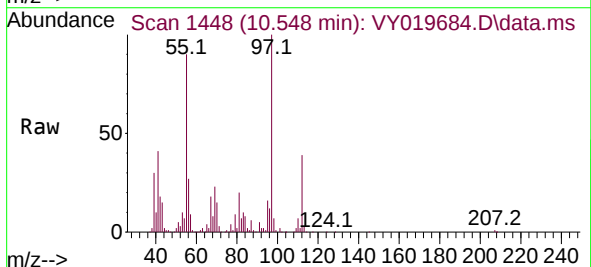
Instrument :
 MSVOA_Y
 ClientSampleId :

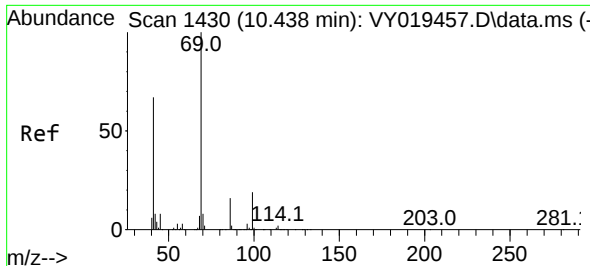
Tgt Ion: 75 Resp: 5503
 Ion Ratio Lower Upper
 75 100
 77 27.0 25.4 38.0
 39 446.2 29.8 44.6#



#55
 1,1,2-Trichloroethane
 Concen: 41.900 ug/l
 RT: 10.548 min Scan# 1448
 Delta R.T. -0.024 min
 Lab File: VY019684.D
 Acq: 24 Sep 2024 15:55

Tgt Ion: 97 Resp: 76705
 Ion Ratio Lower Upper
 97 100
 83 9.1 67.5 101.3#
 85 2.0 42.9 64.3#
 99 0.7 46.6 70.0#

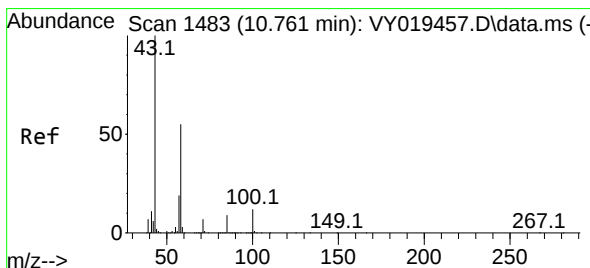
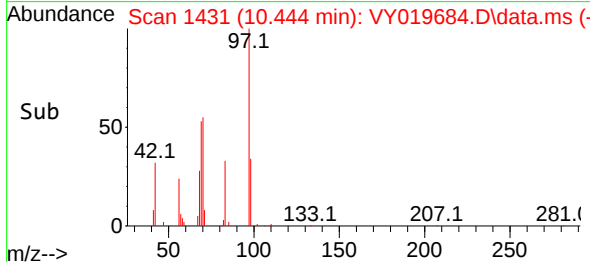
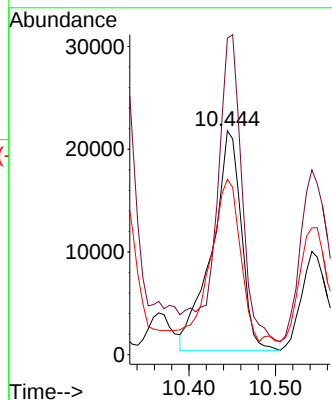
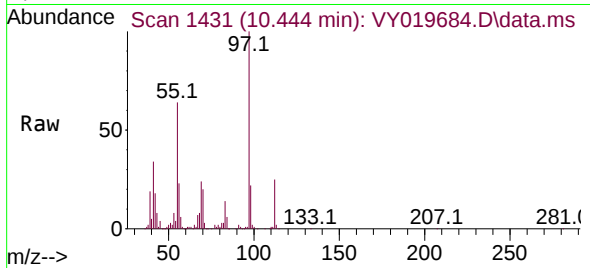




#56
Ethyl methacrylate
Concen: 18.038 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

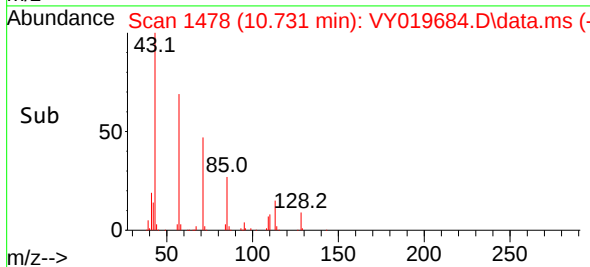
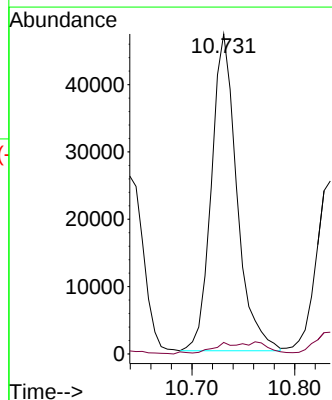
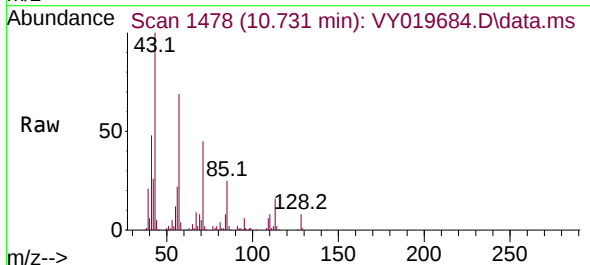
Instrument :
MSVOA_Y
ClientSampleId :

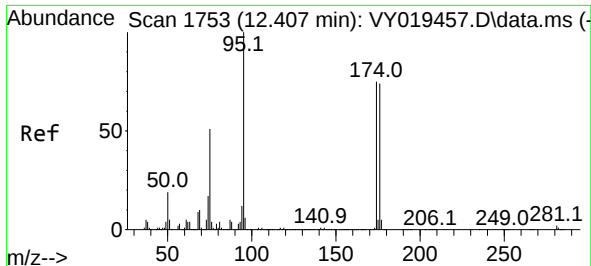
Tgt Ion: 69 Resp: 50161
Ion Ratio Lower Upper
69 100
41 114.0 42.3 63.5#
39 0.0 22.9 34.3#



#59
2-Hexanone
Concen: 63.371 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 43 Resp: 81000
Ion Ratio Lower Upper
43 100
58 3.4 31.4 94.0#

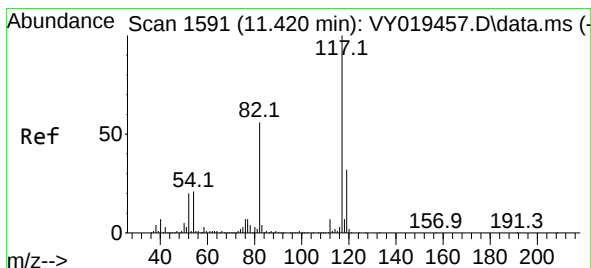
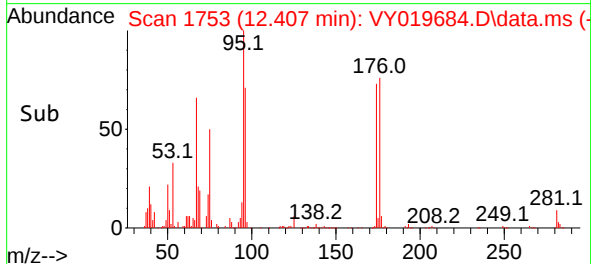
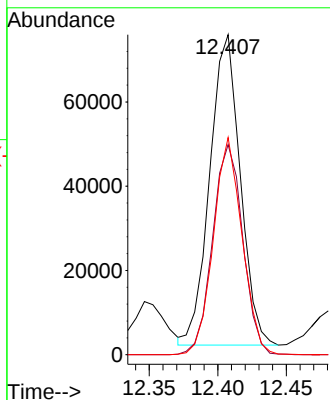
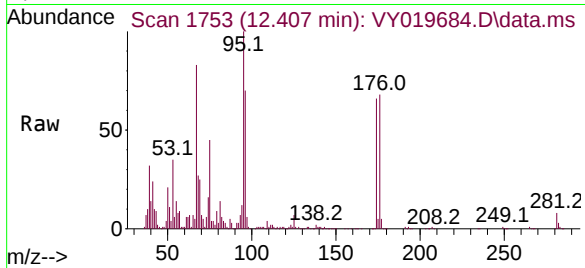




#62
4-Bromofluorobenzene
Concen: 33.864 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

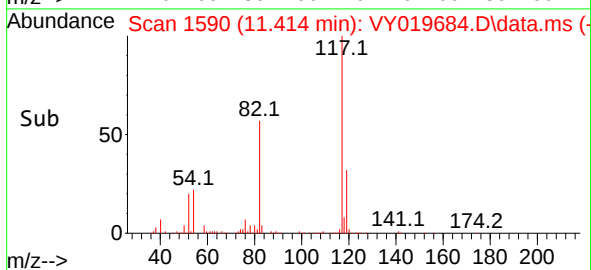
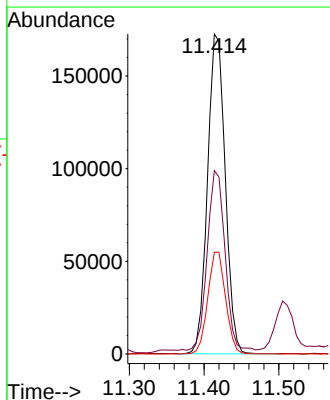
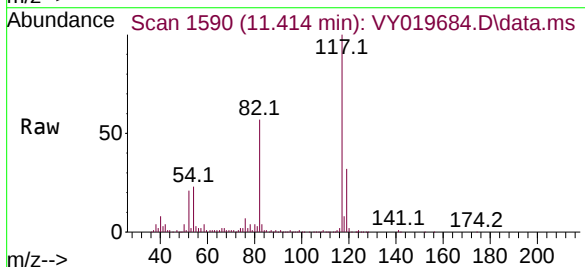
Instrument :
MSVOA_Y
ClientSampleId :

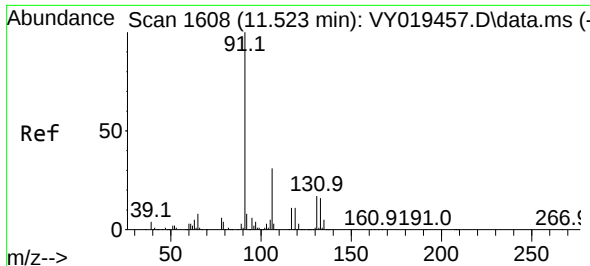
Tgt Ion: 95 Resp: 113946
Ion Ratio Lower Upper
95 100
174 67.1 0.0 175.6
176 65.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 117 Resp: 283938
Ion Ratio Lower Upper
117 100
82 56.2 42.4 63.6
119 31.8 25.9 38.9

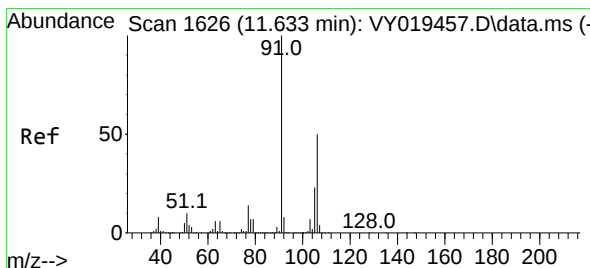
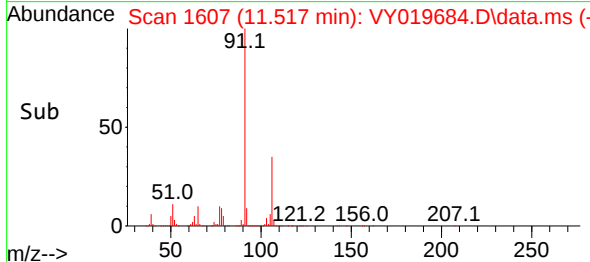
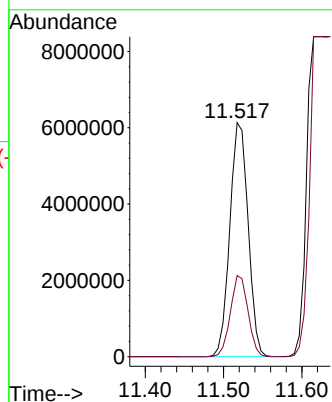
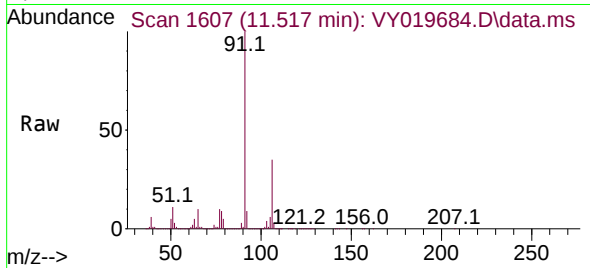




#67
Ethyl Benzene
Concen: 1004.045 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

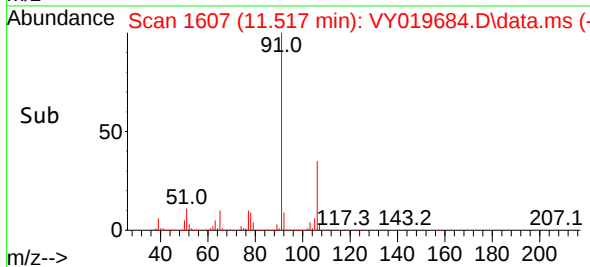
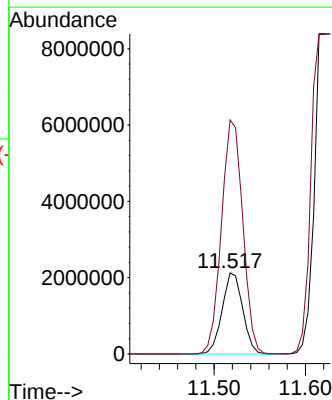
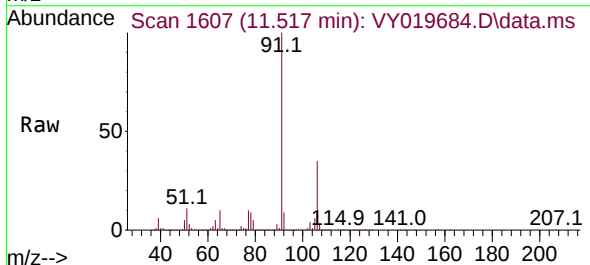
Instrument :
MSVOA_Y
ClientSampleId :

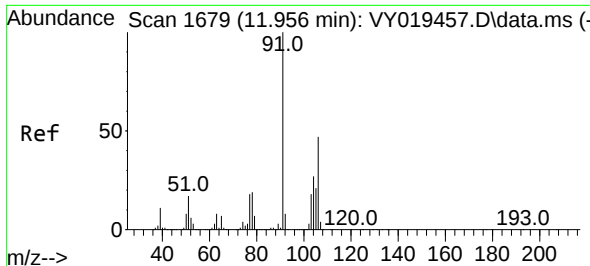
Tgt Ion: 91 Resp: 9964168
Ion Ratio Lower Upper
91 100
106 34.6 24.5 36.7



#68
m/p-Xylenes
Concen: 882.502 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.116 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion:106 Resp: 3311589
Ion Ratio Lower Upper
106 100
91 300.9 156.0 234.0#

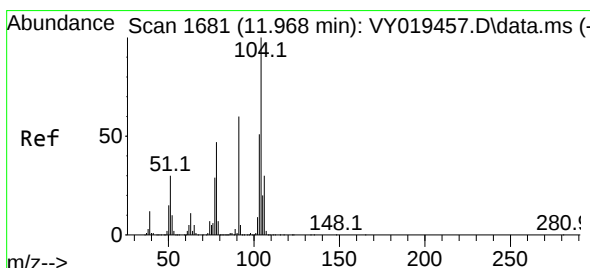
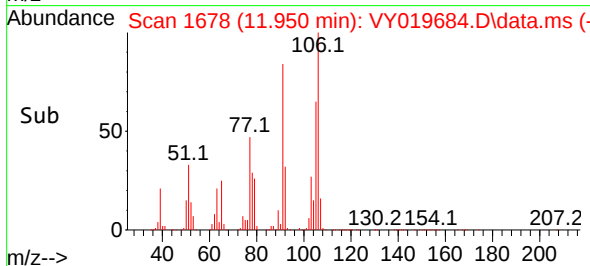
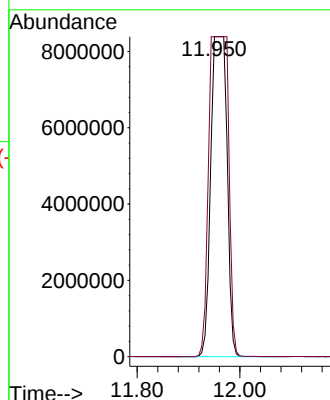
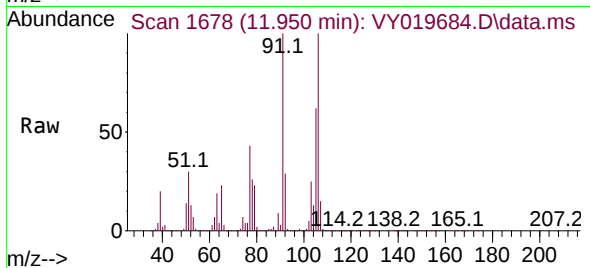




#69
o-Xylene
Concen: 4989.839 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

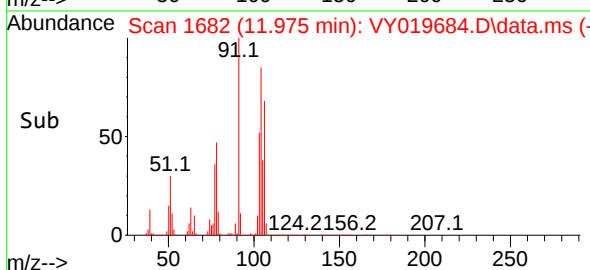
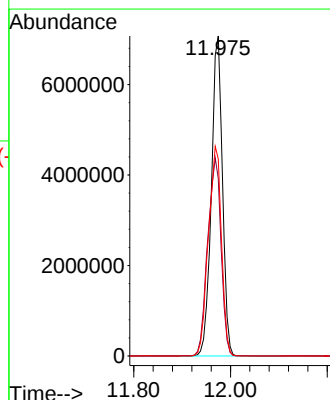
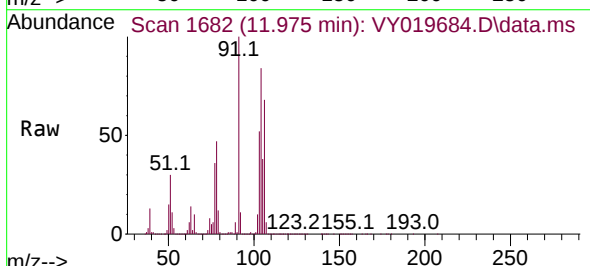
Instrument :
MSVOA_Y
ClientSampleId :

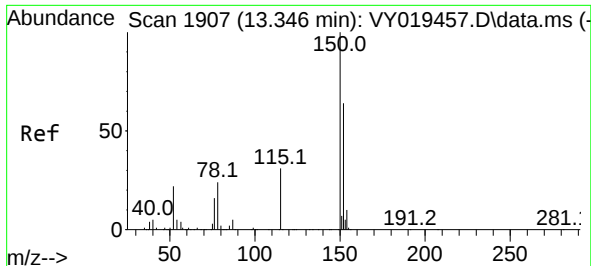
Tgt Ion:106 Resp:18311905
Ion Ratio Lower Upper
106 100
91 0.0 103.6 310.8#



#70
Styrene
Concen: 1813.244 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion:104 Resp:11234923
Ion Ratio Lower Upper
104 100
78 74.5 37.0 55.4#
103 77.1 44.2 66.2#

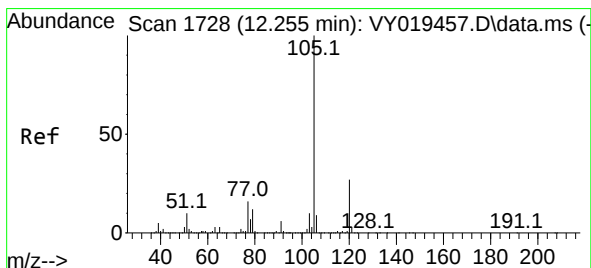
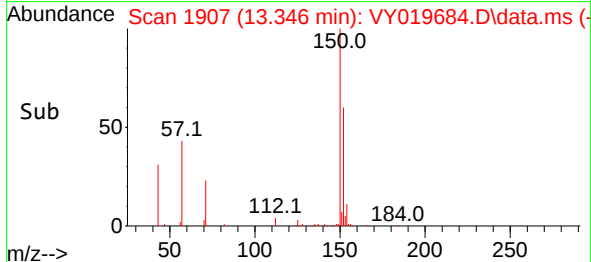
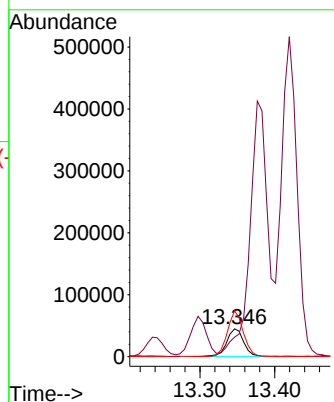
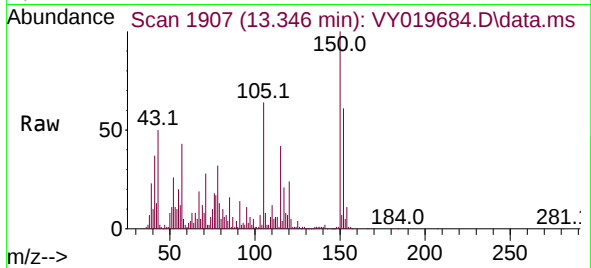




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019684.D
 Acq: 24 Sep 2024 15:55

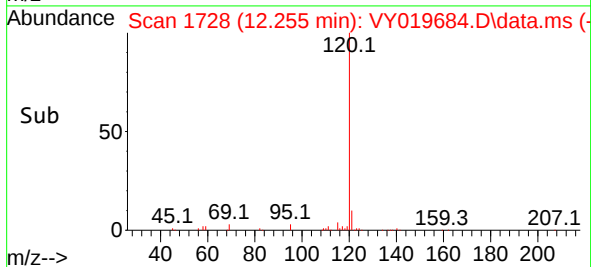
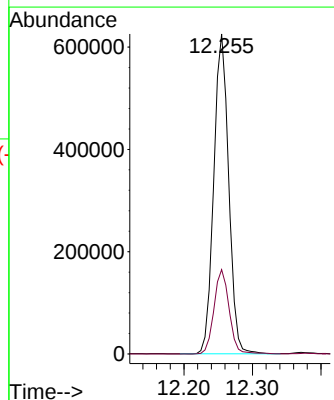
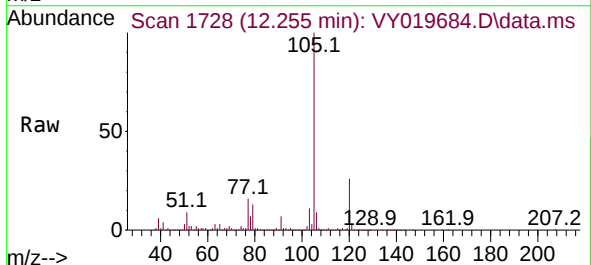
Instrument :
 MSVOA_Y
 ClientSampleId :

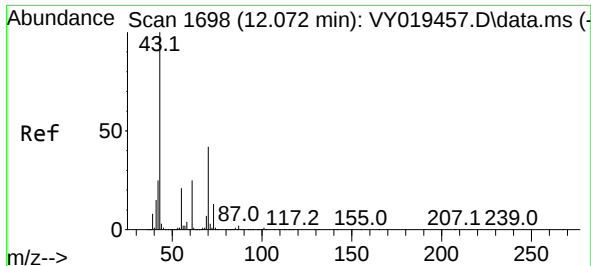
Tgt Ion:152 Resp: 71415
 Ion Ratio Lower Upper
 152 100
 115 0.0 28.2 84.7#
 150 151.4 0.0 345.6



#73
 Isopropylbenzene
 Concen: 181.988 ug/l
 RT: 12.255 min Scan# 1728
 Delta R.T. 0.000 min
 Lab File: VY019684.D
 Acq: 24 Sep 2024 15:55

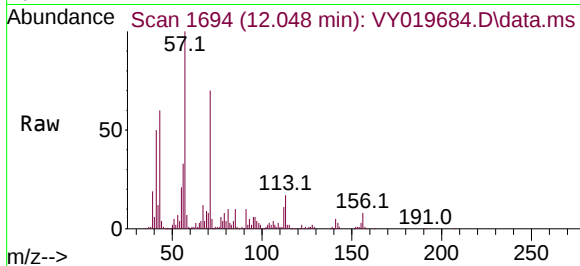
Tgt Ion:105 Resp: 942869
 Ion Ratio Lower Upper
 105 100
 120 26.8 13.4 40.1



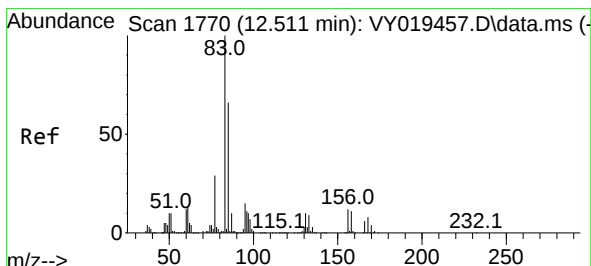
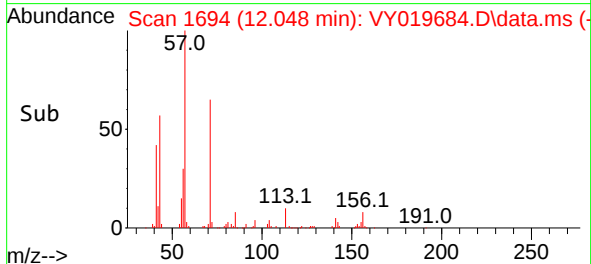
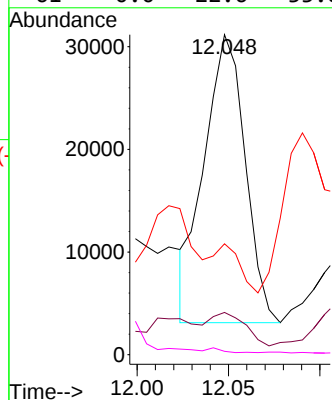


#74
N-amy1 acetate
Concen: 31.072 ug/l
RT: 12.048 min Scan# 1
Delta R.T. -0.024 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Instrument :
MSVOA_Y
ClientSampleId :

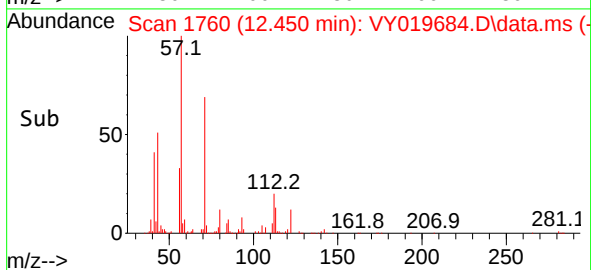
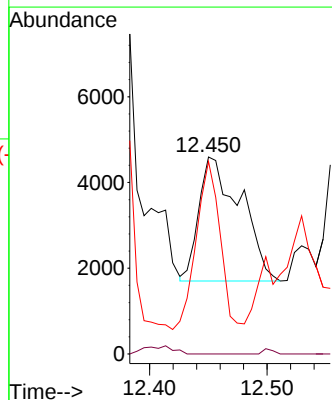
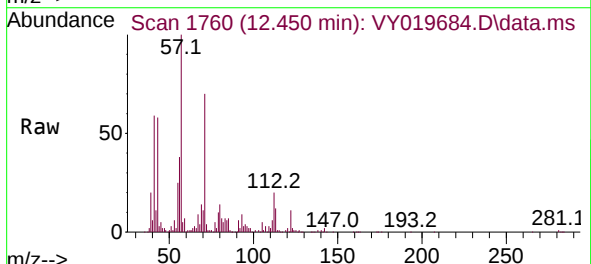


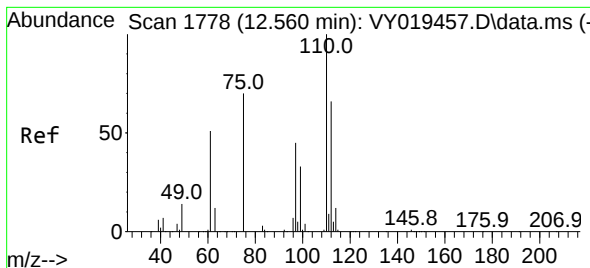
Tgt Ion: 43 Resp: 43781
Ion Ratio Lower Upper
43 100
70 9.5 41.4 62.2#
55 0.0 23.3 34.9#
61 0.0 22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 7.739 ug/l
RT: 12.450 min Scan# 1760
Delta R.T. -0.061 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 83 Resp: 7117
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#

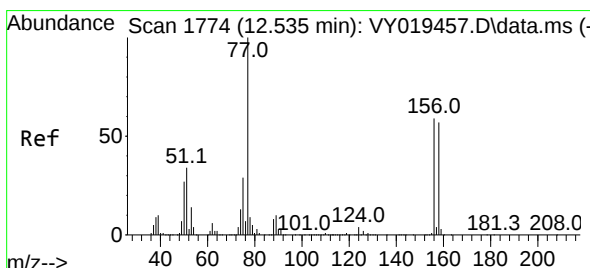
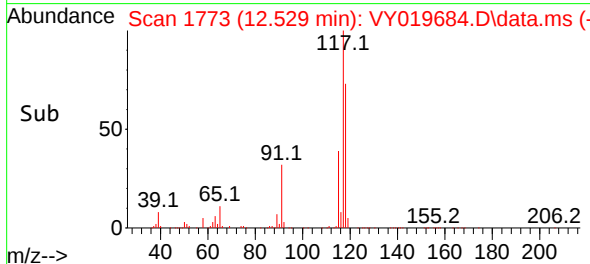
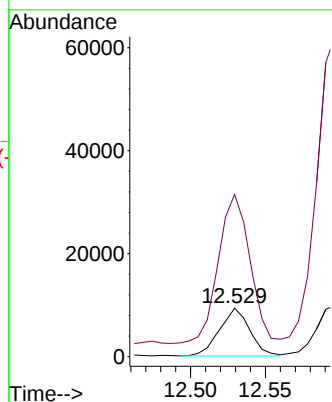
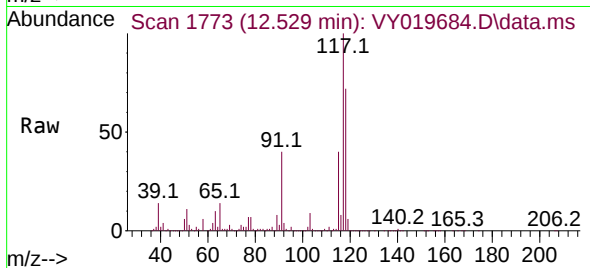




#76
1,2,3-Trichloropropane
Concen: 19.509 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.030 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

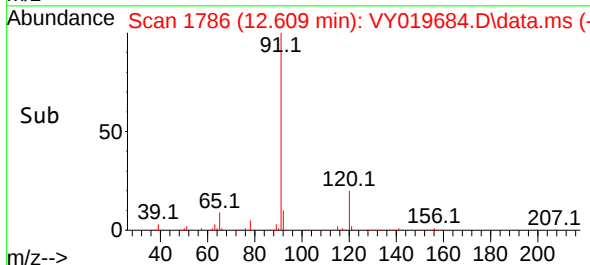
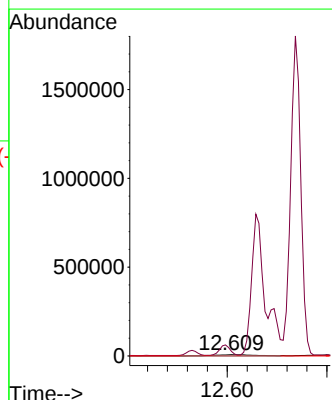
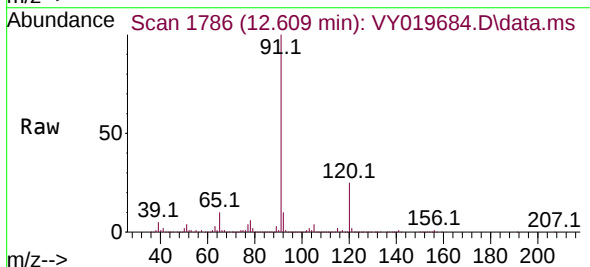
Instrument :
MSVOA_Y
ClientSampleId :

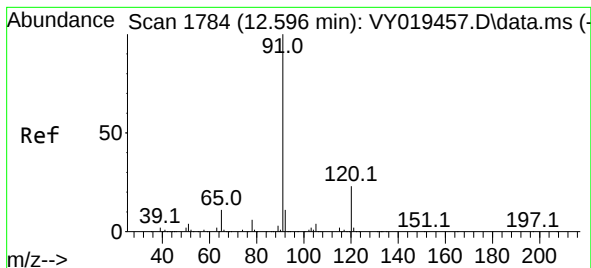
Tgt Ion: 75 Resp: 13059
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 33.683 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.073 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion:156 Resp: 38704
Ion Ratio Lower Upper
156 100
77 221.5 87.1 261.3
158 0.0 48.6 145.9#





#78

n-propylbenzene

Concen: 363.020 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019684.D

Acq: 24 Sep 2024 15:55

Instrument :

MSVOA_Y

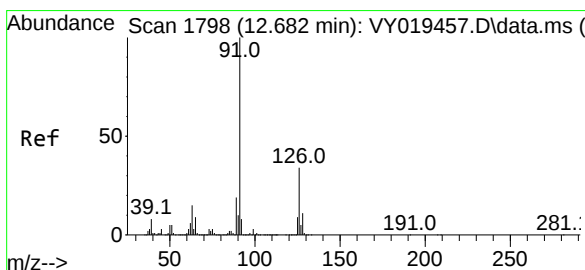
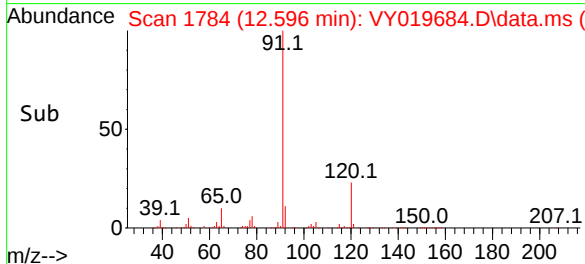
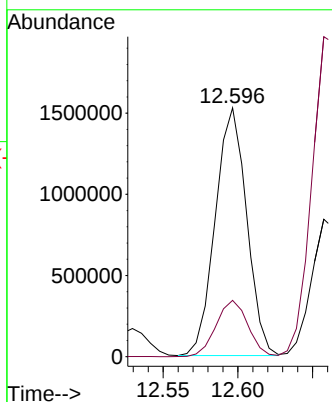
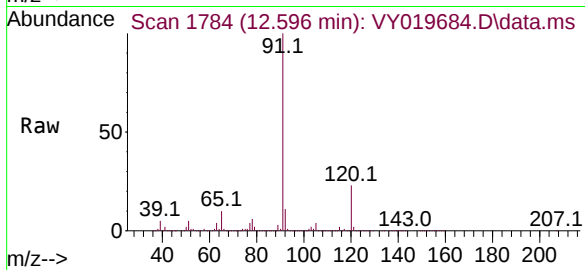
ClientSampleId :

Tgt Ion: 91 Resp: 2229240

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 356.260 ug/l

RT: 12.657 min Scan# 1794

Delta R.T. -0.024 min

Lab File: VY019684.D

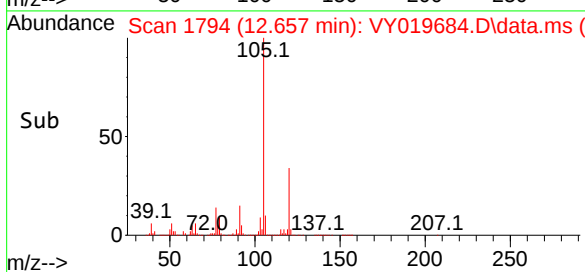
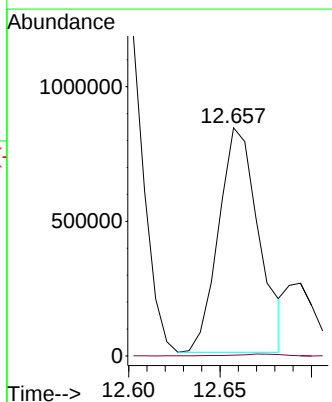
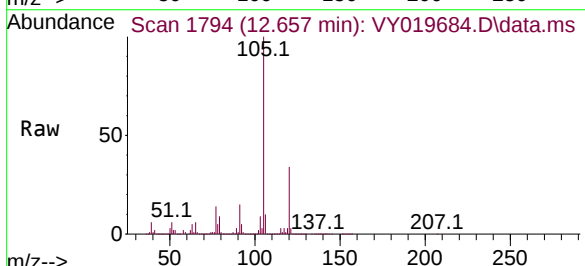
Acq: 24 Sep 2024 15:55

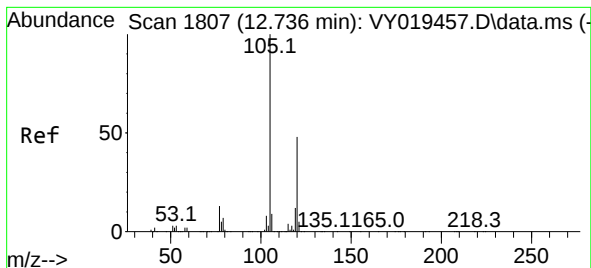
Tgt Ion: 91 Resp: 1274953

Ion Ratio Lower Upper

91 100

126 1.0 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 3548.883 ug/l

RT: 12.737 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019684.D

Acq: 24 Sep 2024 15:55

Instrument :

MSVOA_Y

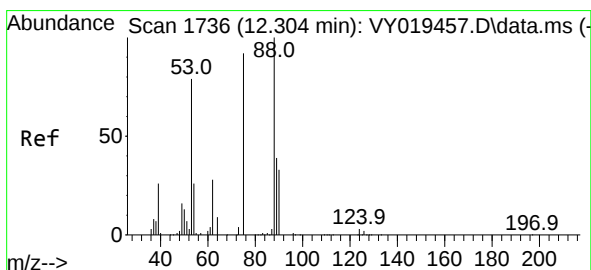
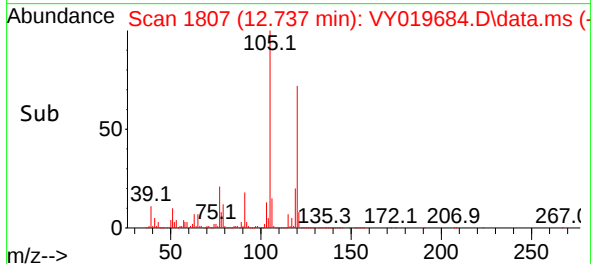
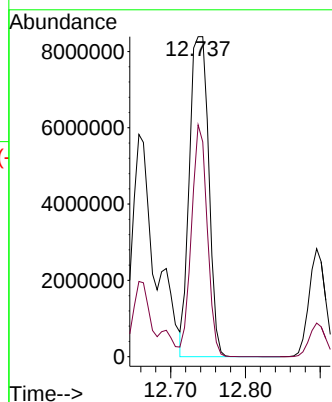
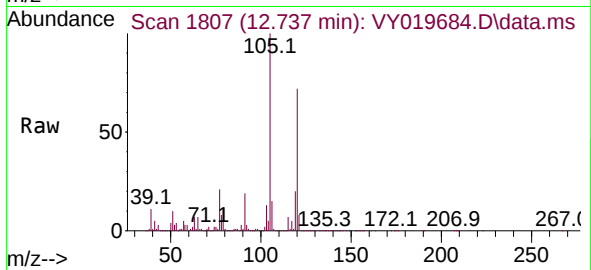
ClientSampleId :

Tgt Ion:105 Resp:14947481

Ion Ratio Lower Upper

105 100

120 59.5 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 34.037 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.049 min

Lab File: VY019684.D

Acq: 24 Sep 2024 15:55

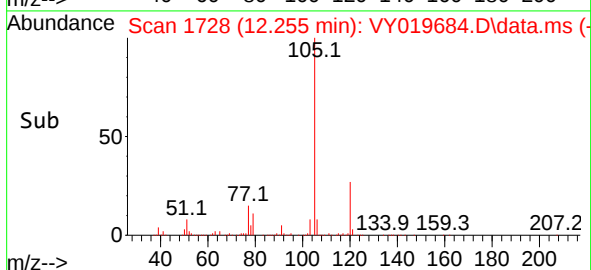
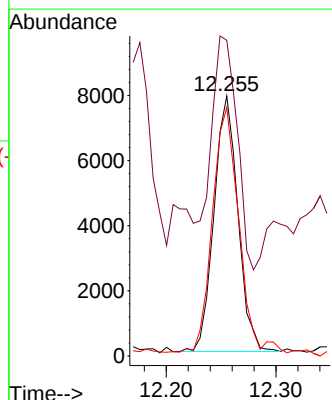
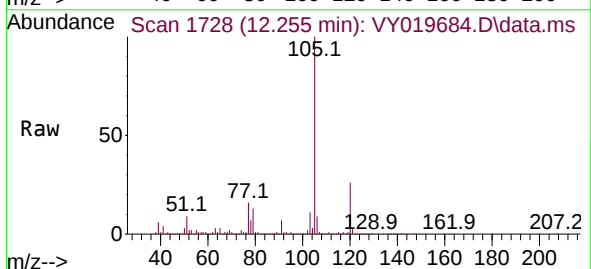
Tgt Ion: 75 Resp: 11868

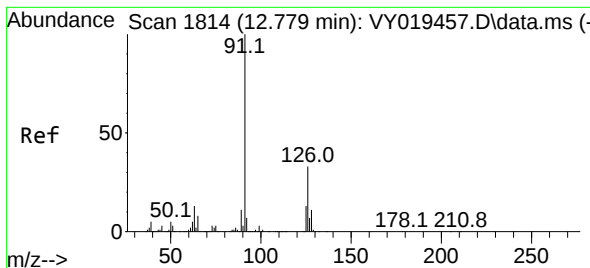
Ion Ratio Lower Upper

75 100

53 108.5 66.8 100.2#

89 106.1 35.8 53.6#

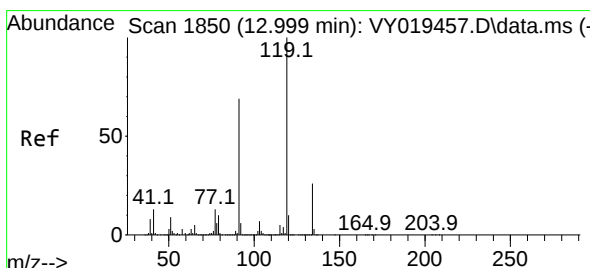
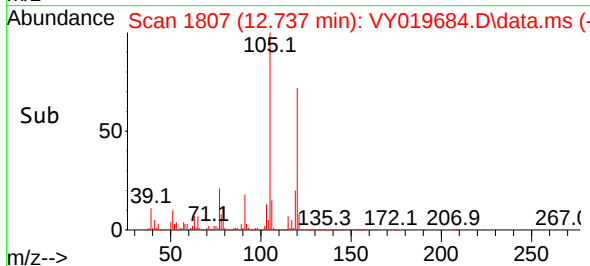
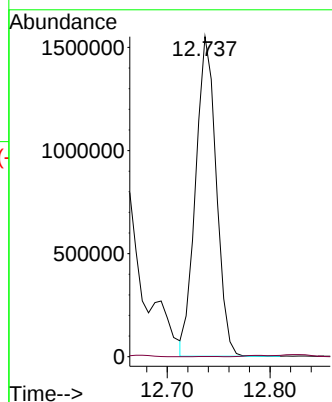
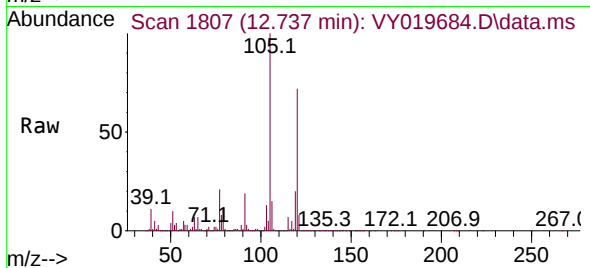




#82
4-Chlorotoluene
Concen: 587.557 ug/l
RT: 12.737 min Scan# 1814
Delta R.T. -0.042 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

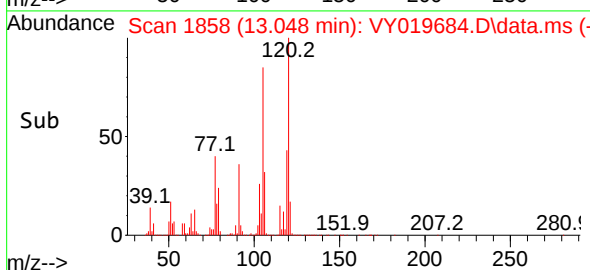
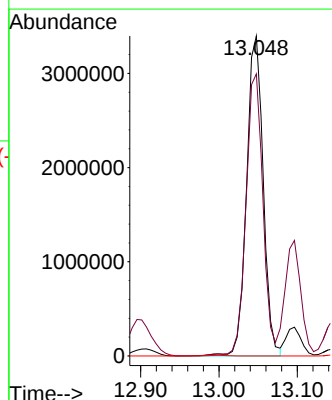
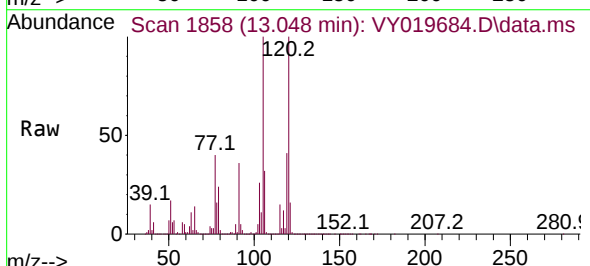
Instrument :
MSVOA_Y
ClientSampleId :

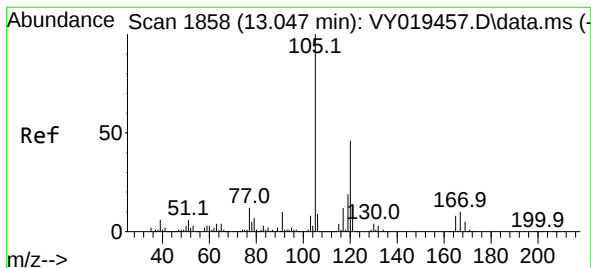
Tgt Ion: 91 Resp: 2161727
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#83
tert-Butylbenzene
Concen: 1314.282 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.049 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 119 Resp: 5011358
Ion Ratio Lower Upper
119 100
91 89.7 31.3 93.8
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 1024.194 ug/l

RT: 12.895 min Scan# 1833

Delta R.T. -0.152 min

Lab File: VY019684.D

Acq: 24 Sep 2024 15:55

Instrument :

MSVOA_Y

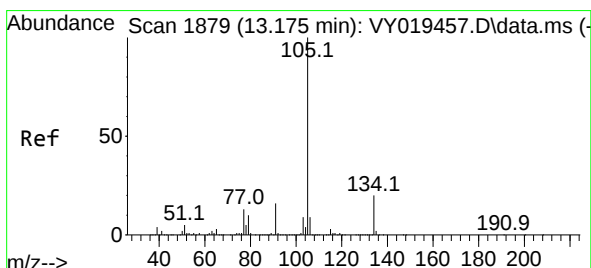
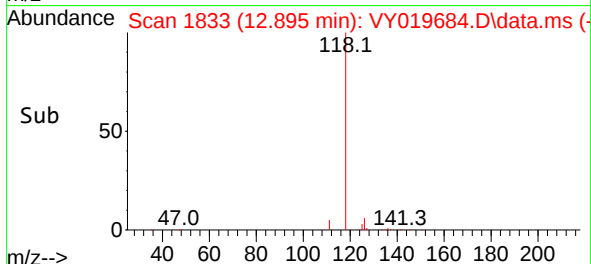
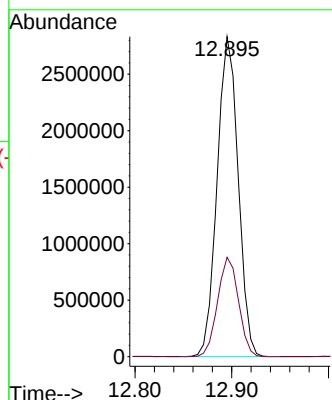
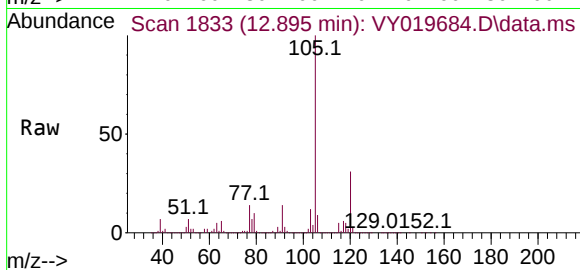
ClientSampleId :

Tgt Ion:105 Resp: 4270069

Ion Ratio Lower Upper

105 100

120 30.8 23.2 69.6



#85

sec-Butylbenzene

Concen: 3491.647 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. -0.140 min

Lab File: VY019684.D

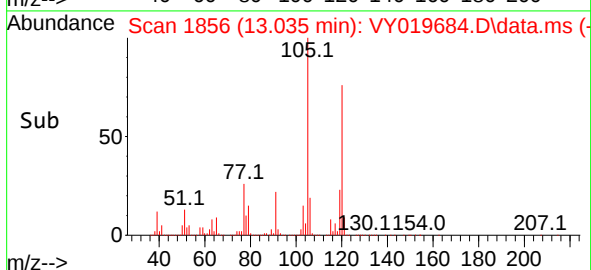
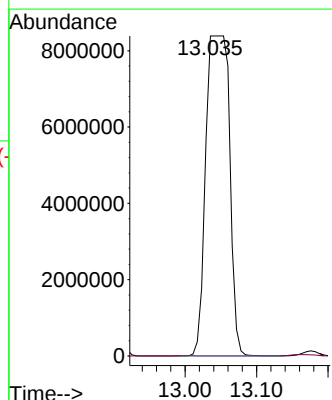
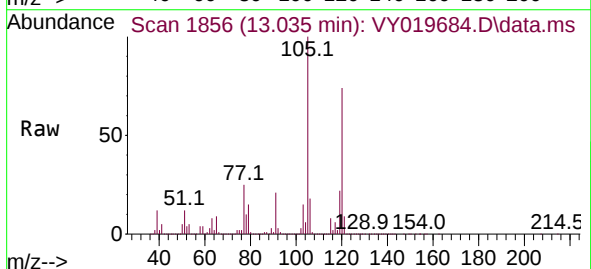
Acq: 24 Sep 2024 15:55

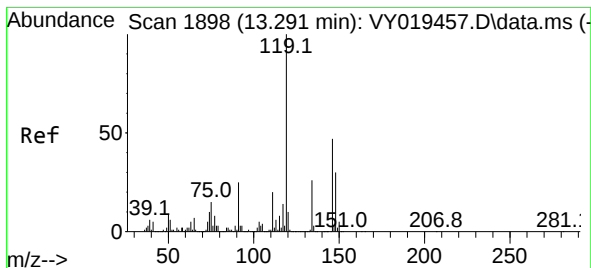
Tgt Ion:105 Resp:19341046

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#

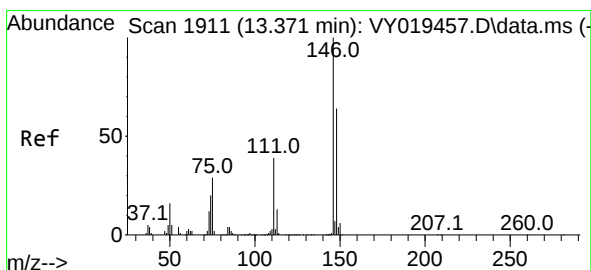
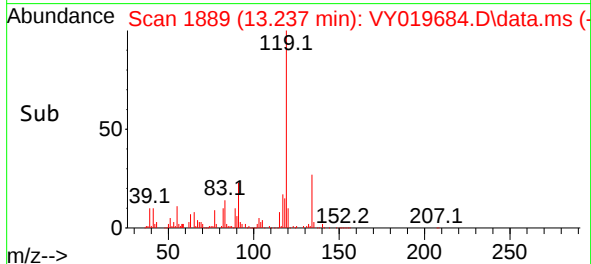
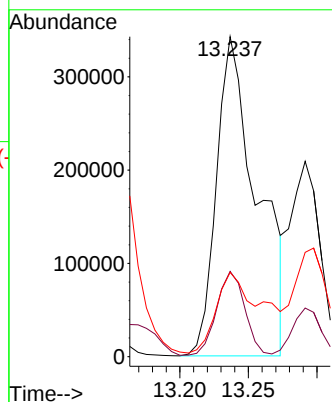
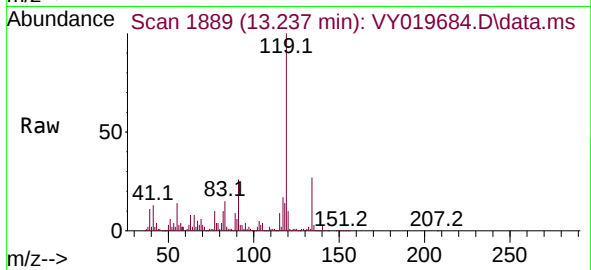




#86
p-Isopropyltoluene
Concen: 156.259 ug/l
RT: 13.237 min Scan# 1889
Delta R.T. -0.055 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

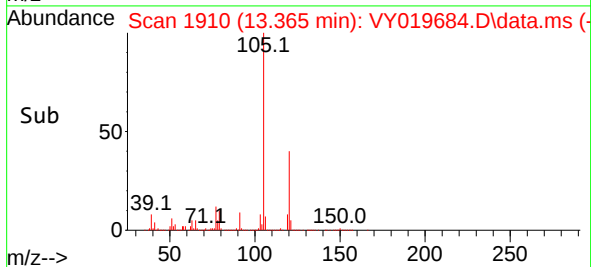
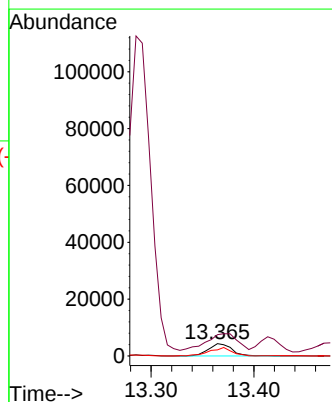
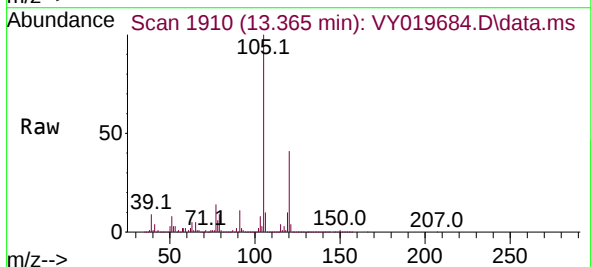
Instrument :
MSVOA_Y
ClientSampleId :

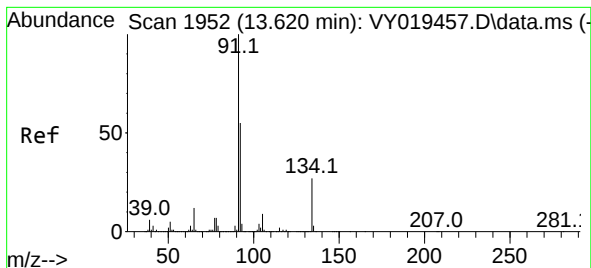
Tgt Ion:119 Resp: 708165
Ion Ratio Lower Upper
119 100
134 18.8 13.1 39.3
91 28.0 10.7 32.1



#88
1,4-Dichlorobenzene
Concen: 3.080 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

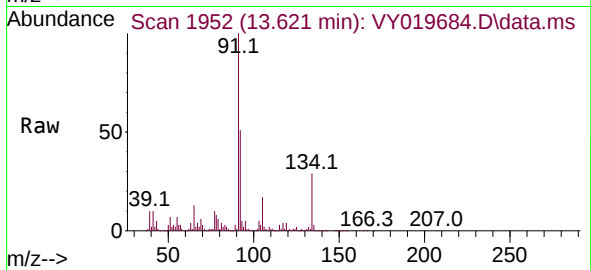
Tgt Ion:146 Resp: 6824
Ion Ratio Lower Upper
146 100
111 176.9 18.4 55.4#
148 66.0 32.4 97.2



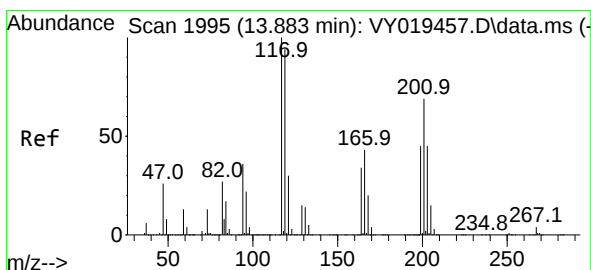
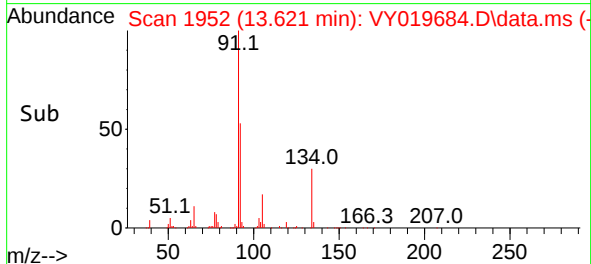
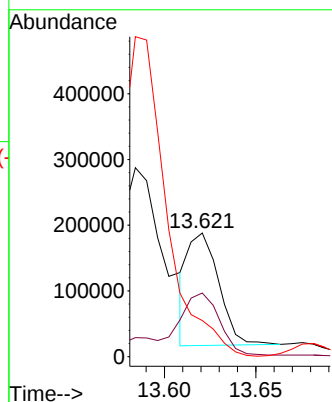


#89
n-Butylbenzene
Concen: 46.384 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Instrument :
MSVOA_Y
ClientSampleId :

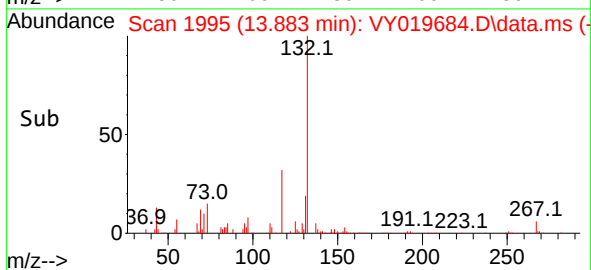
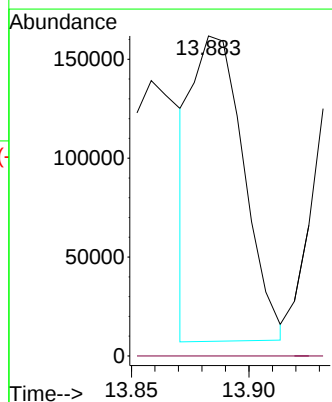
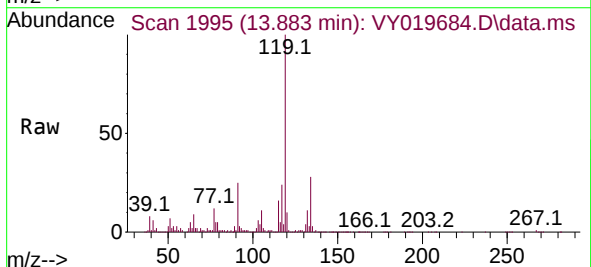


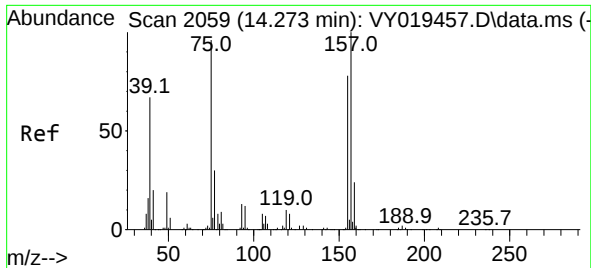
Tgt Ion: 91 Resp: 200960
Ion Ratio Lower Upper
91 100
92 87.5 26.6 79.7#
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 249.615 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY019684.D
Acq: 24 Sep 2024 15:55

Tgt Ion: 117 Resp: 235382
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 542.393 ug/l
 RT: 14.279 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VY019684.D
 Acq: 24 Sep 2024 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 83128
 Ion Ratio Lower Upper
 75 100
 155 1.1 48.6 145.8#
 157 0.2 62.7 188.2#

