

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009273.D
 Acq On : 22 Jun 2022 14:48
 Operator : KP/MD
 Sample : N3426-01
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2201-27.5

Quant Time: Jun 23 01:55:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	126088	50.00	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.691	114	269309	50.00	ug/l	# 0.00
63) Chlorobenzene-d5	11.502	117	255805	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	61854	50.00	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93583	67.58	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.16%			
35) Dibromofluoromethane	7.722	113	89872	51.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.06%			
50) Toluene-d8	10.197	98	911494	136.05	ug/l	0.02
Spiked Amount 50.000	Range 49 - 140		Recovery = 272.10%#			
62) 4-Bromofluorobenzene	12.489	95	230310	97.83	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery = 195.66%#			
Target Compounds						
						Qvalue
3) Chloromethane	2.070	50	18398	16.23	ug/l	# 73
6) Chloroethane	2.893	64	9330	11.13	ug/l	# 1
11) Tert butyl alcohol	4.954	59	1483	Below Cal		# 77
13) Acrolein	3.686	56	268043	3368.02	ug/l	# 1
14) Allyl chloride	4.570	41	869388	400.67	ug/l	# 64
15) Acrylonitrile	5.247	53	1486310	3630.79	ug/l	# 39
16) Acetone	3.936	43	2367288	6918.93	ug/l	# 58
17) Carbon Disulfide	4.192	76	125783	37.48	ug/l	99
18) Methyl Acetate	4.564	43	546641	619.88	ug/l	# 56
20) Methylene Chloride	4.582	84	351879	233.94	ug/l	# 7
23) Vinyl Acetate	6.039	43	358156	127.89	ug/l	# 75
24) 1,1-Dichloroethane	6.039	63	37672	14.59	ug/l	# 82
25) 2-Butanone	6.990	43	571555	1034.42	ug/l	# 59
26) 2,2-Dichloropropane	6.813	77	148992	61.38	ug/l	# 55
28) Bromochloromethane	7.533	49	38105	34.20	ug/l	# 16
29) Tetrahydrofuran	7.362	42	33547	95.87	ug/l	# 38
30) Chloroform	7.478	83	1578924	594.08	ug/l	# 19
31) Cyclohexane	7.801	56	8454613	3517.15	ug/l	# 66
32) 1,1,1-Trichloroethane	7.636	97	4343	1.87	ug/l	# 1
37) Ethyl Acetate	6.990	43	571555	356.10	ug/l	# 72
38) Carbon Tetrachloride	7.801	117	12486	4.52	ug/l	# 16
39) Methylcyclohexane	9.203	83	12270259	3767.61	ug/l	93
41) Methacrylonitrile	7.258	41	76117	85.53	ug/l	# 1
42) 1,2-Dichloroethane	8.222	62	3639	1.62	ug/l	# 1
43) Isopropyl Acetate	8.392	43	21175652	7199.60	ug/l	# 56
45) 1,2-Dichloropropane	9.197	63	252113	124.63	ug/l	# 1
46) Dibromomethane	9.289	93	21000	18.26	ug/l	# 1
47) Bromodichloromethane	9.496	83	1689560	618.50	ug/l	# 33
48) Methyl methacrylate	9.209	41	14340743	11123.84	ug/l	# 48
49) 1,4-Dioxane	9.270	88	304	18.39	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.142	43	3965415	2592.02	ug/l	# 84
52) Toluene	10.258	92	13743694	2768.86	ug/l	79
53) t-1,3-Dichloropropene	10.392	75	7170	2.52	ug/l	# 1
54) cis-1,3-Dichloropropene	9.984	75	4711	1.46	ug/l	# 1
55) 1,1,2-Trichloroethane	10.636	97	4222306	2615.01	ug/l	# 26
56) Ethyl methacrylate	10.569	69	305532	143.04	ug/l	# 1

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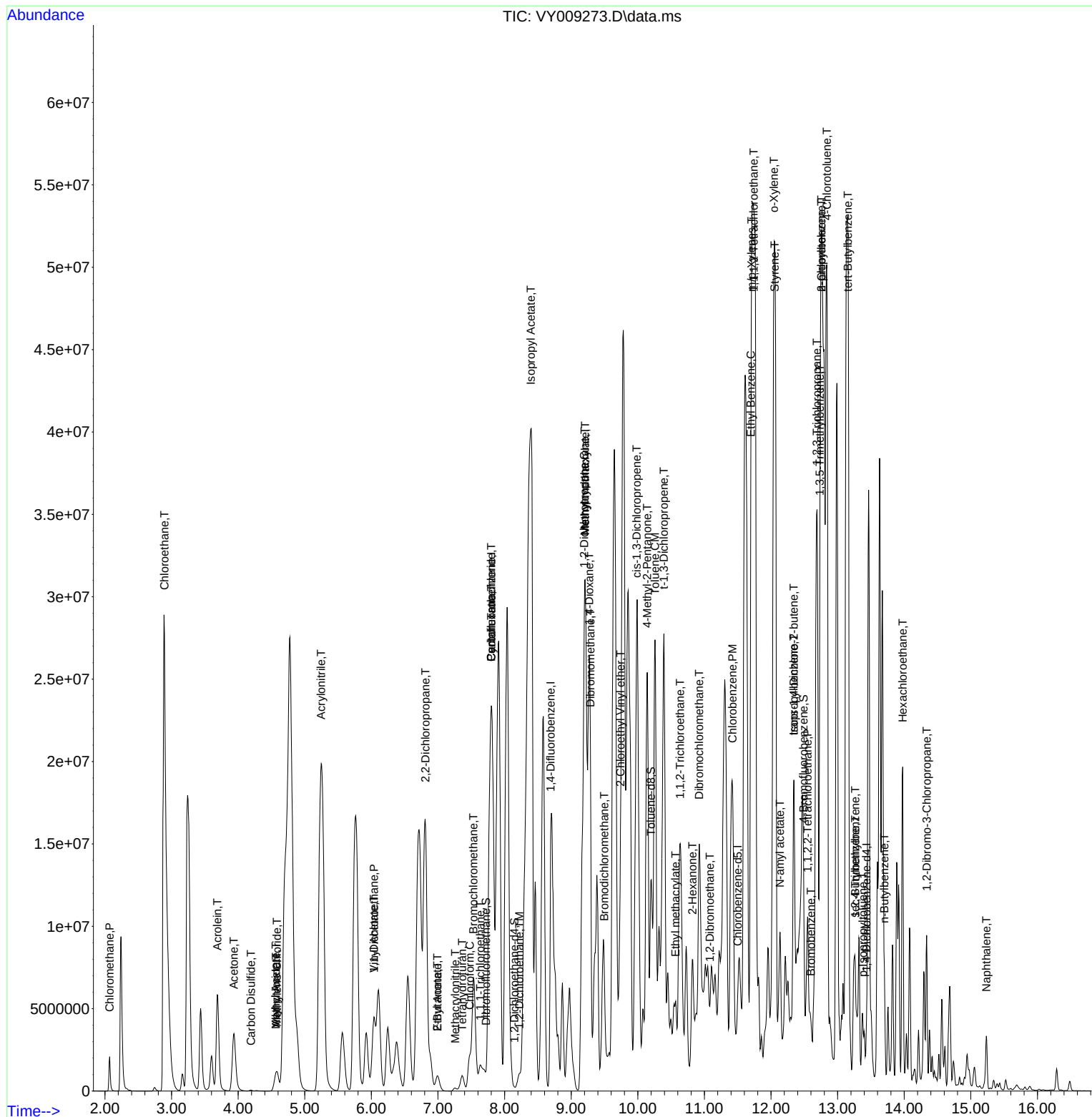
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	9.740	63	101663	110.95	ug/l #	48
59) 2-Hexanone	10.819	43	3319084	3205.79	ug/l #	35
60) Dibromochloromethane	10.922	129	37096	18.84	ug/l #	11
61) 1,2-Dibromoethane	11.081	107	13166	8.36	ug/l #	1
65) Chlorobenzene	11.422	112	85625	14.86	ug/l #	56
66) 1,1,1,2-Tetrachloroethane	11.739	131	3330	1.58	ug/l #	1
67) Ethyl Benzene	11.697	91	2966051	296.99	ug/l #	19
68) m/p-Xylenes	11.709	106	3846835	981.62	ug/l #	16
69) o-Xylene	12.044	106	25082102	6730.31	ug/l #	1
70) Styrene	12.056	104	1683160	272.34	ug/l #	1
73) Isopropylbenzene	12.343	105	12200189	2514.15	ug/l	94
74) N-amyl acetate	12.136	43	1979635	1527.25	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.550	83	193742	209.84	ug/l #	53
76) 1,2,3-Trichloropropane	12.690	75	322294	444.44	ug/l #	100
77) Bromobenzene	12.599	156	10691	9.07	ug/l #	1
78) n-propylbenzene	12.758	91	8869276	1516.92	ug/l #	1
79) 2-Chlorotoluene	12.758	91	8869276	2693.07	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.733	105	3248594	806.40	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.343	75	161144	471.16	ug/l #	35
82) 4-Chlorotoluene	12.837	91	4468728	1300.92	ug/l #	41
83) tert-Butylbenzene	13.154	119	10238317	2914.15	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.264	105	3602086	912.44	ug/l #	31
85) sec-Butylbenzene	13.264	105	3602086	684.90	ug/l #	45
86) p-Isopropyltoluene	13.379	119	1165124	266.55	ug/l	98
89) n-Butylbenzene	13.702	91	3119313	766.28	ug/l #	70
90) Hexachloroethane	13.977	117	989644	1193.55	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.336	75	31445	191.21	ug/l #	6
95) Naphthalene	15.233	128	2628102	1046.08	ug/l	99

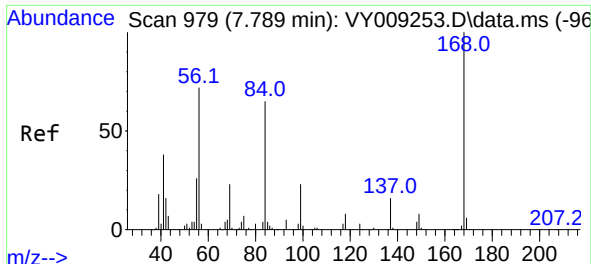
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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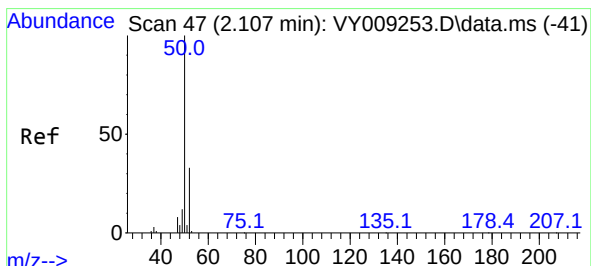
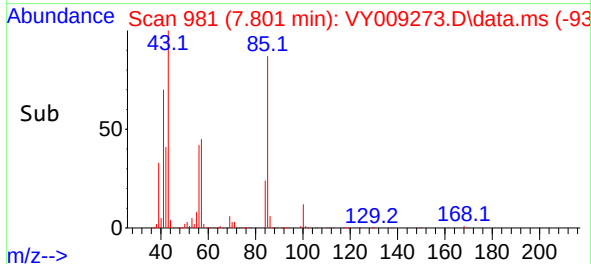
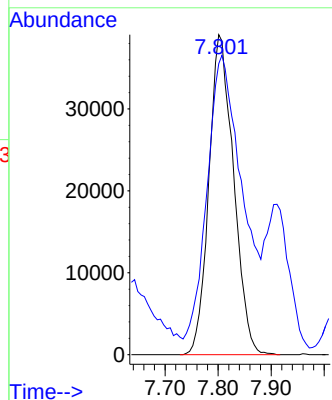
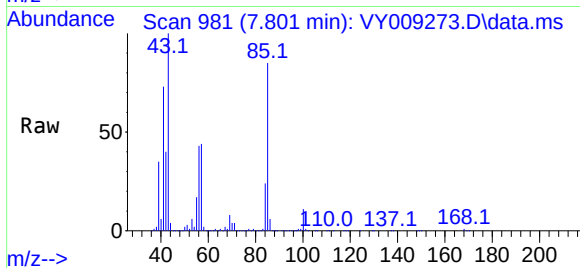




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
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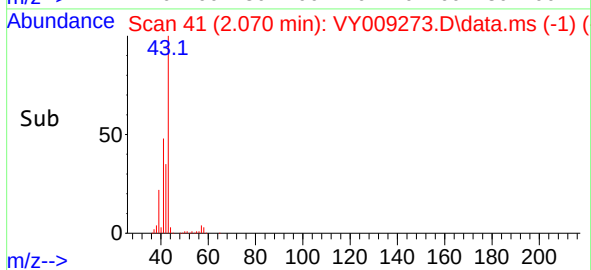
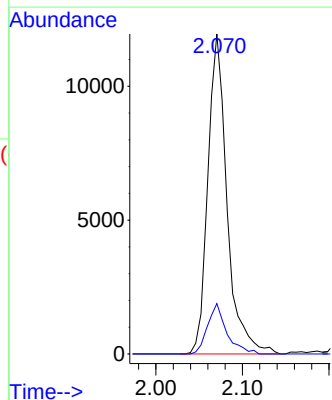
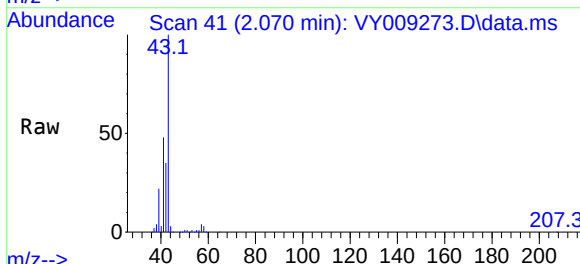
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ClientSampleId :
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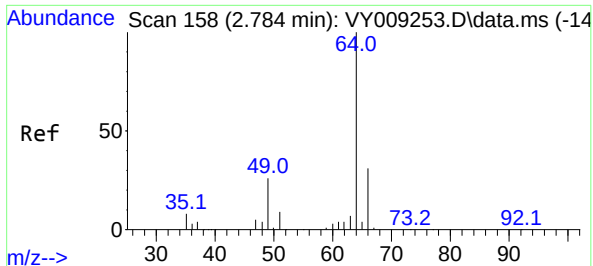
Tgt Ion:168 Resp: 126088
Ion Ratio Lower Upper
168 100
99 85.4 46.9 70.3#



#3
Chloromethane
Concen: 16.23 ug/l
RT: 2.070 min Scan# 41
Delta R.T. -0.037 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 50 Resp: 18398
Ion Ratio Lower Upper
50 100
52 15.7 24.6 37.0#

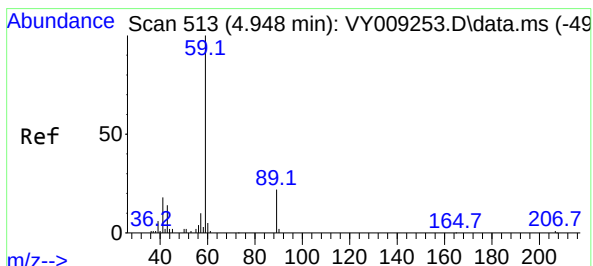
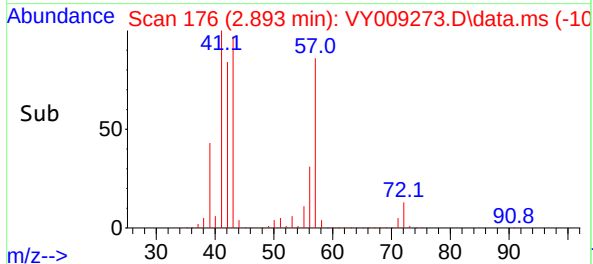
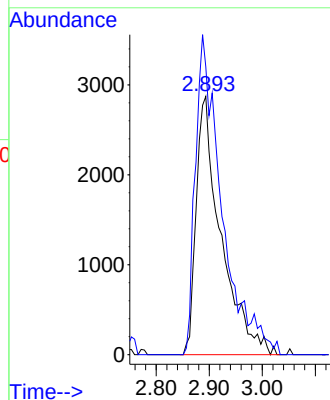
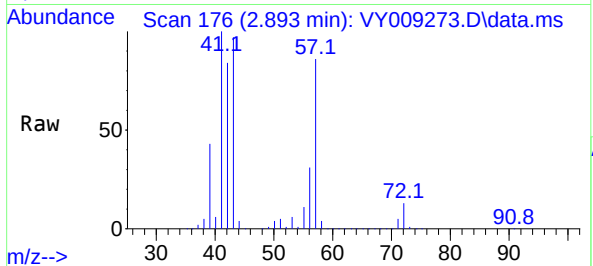




#6
Chloroethane
Concen: 11.13 ug/l
RT: 2.893 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

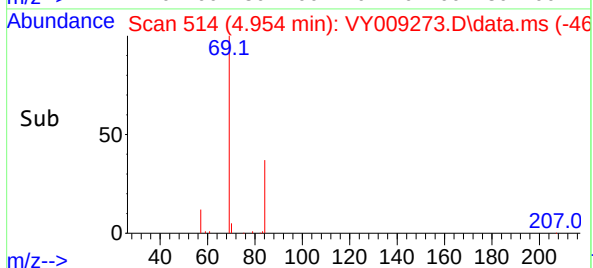
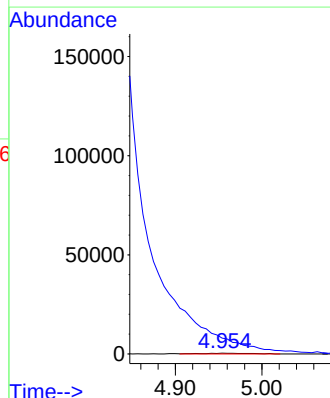
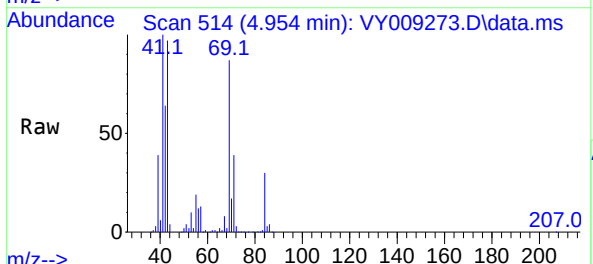
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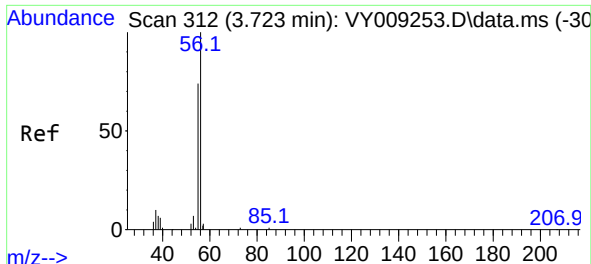
Tgt Ion: 64 Resp: 9330
Ion Ratio Lower Upper
64 100
66 111.5 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 59 Resp: 1483
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

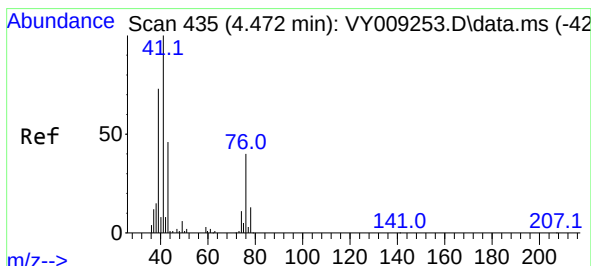
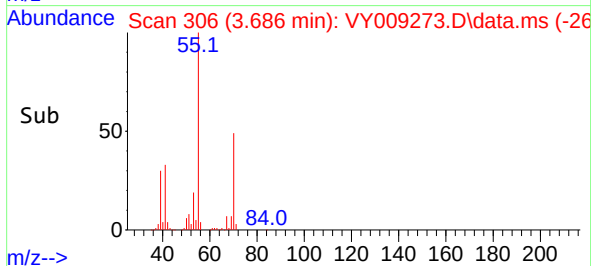
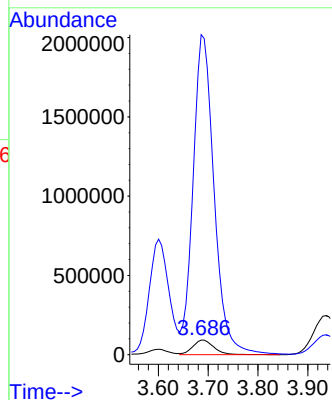
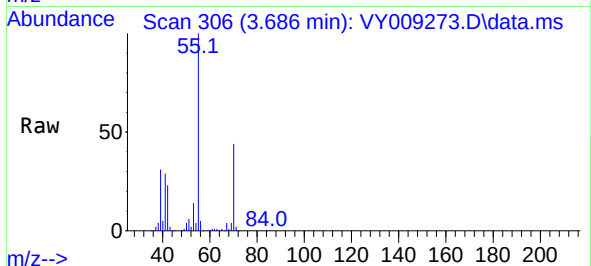




#13
Acrolein
Concen: 3368.02 ug/l
RT: 3.686 min Scan# 306
Delta R.T. -0.037 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

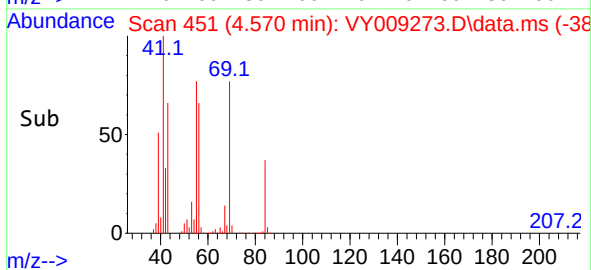
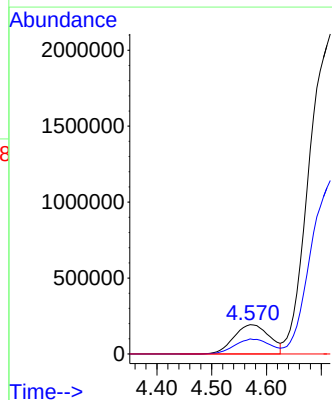
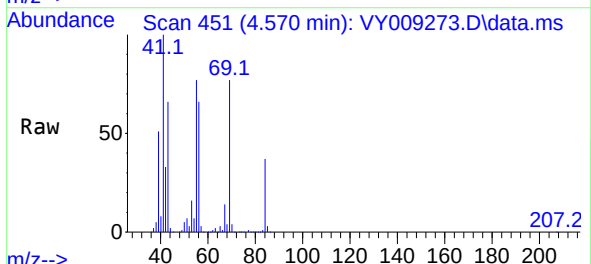
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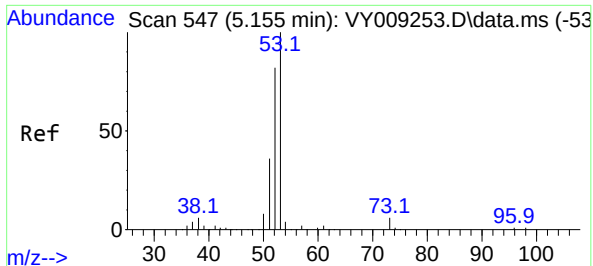
Tgt Ion: 56 Resp: 268043
Ion Ratio Lower Upper
56 100
55 2193.4 57.6 86.4#



#14
Allyl chloride
Concen: 400.67 ug/l
RT: 4.570 min Scan# 451
Delta R.T. 0.098 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 41 Resp: 869388
Ion Ratio Lower Upper
41 100
39 50.7 58.8 88.2#
76 0.0 25.1 37.7#

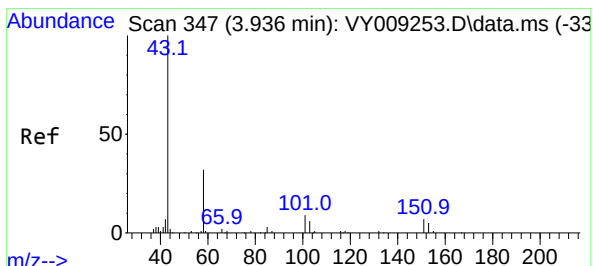
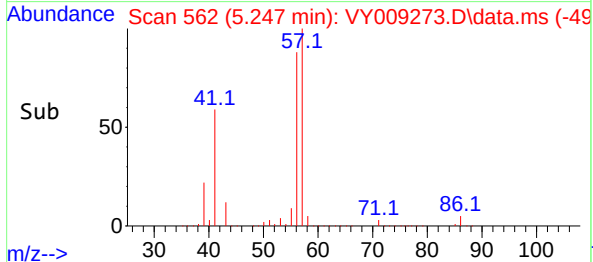
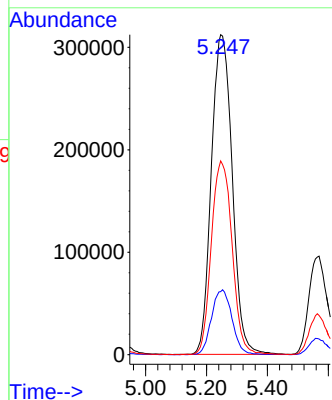
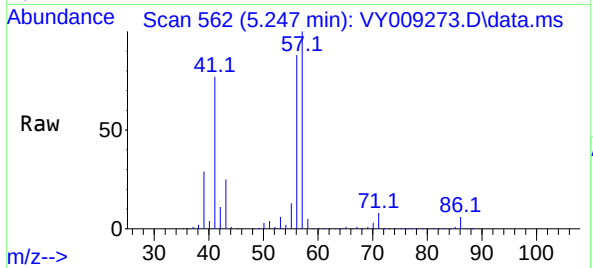




#15
Acrylonitrile
Concen: 3630.79 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.092 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

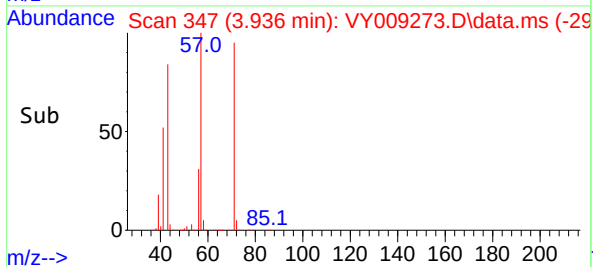
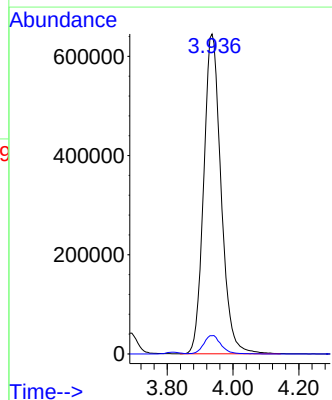
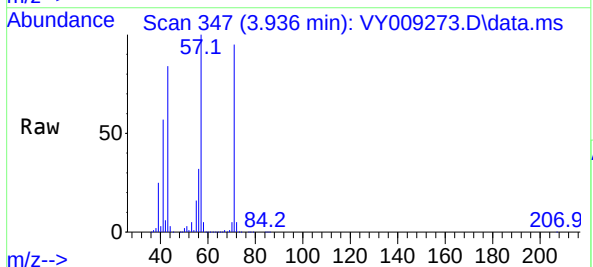
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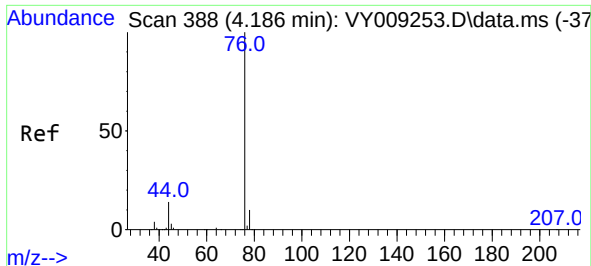
Tgt Ion: 53 Resp: 1486310
Ion Ratio Lower Upper
53 100
52 20.0 67.0 100.4#
51 60.3 29.8 44.6#



#16
Acetone
Concen: 6918.93 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 43 Resp: 2367288
Ion Ratio Lower Upper
43 100
58 5.7 22.0 33.0#

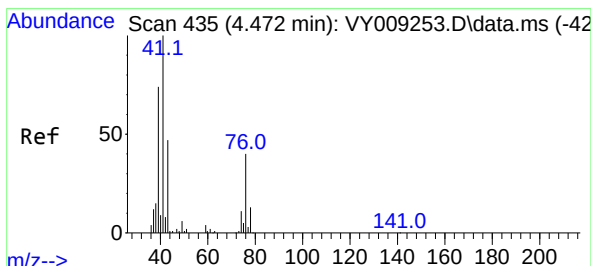
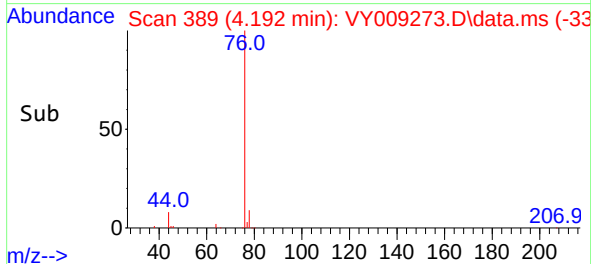
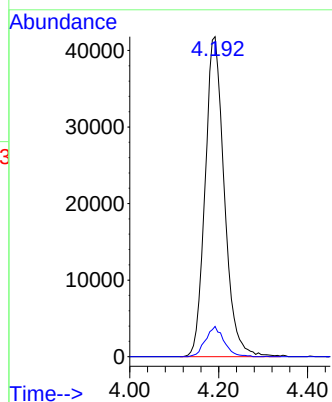
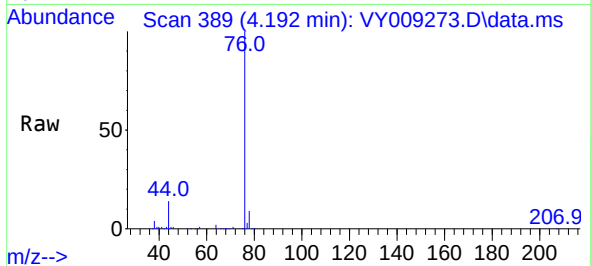




#17
Carbon Disulfide
Concen: 37.48 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

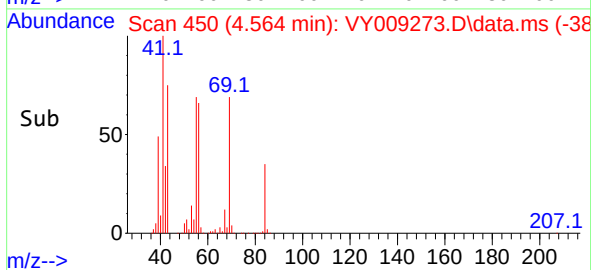
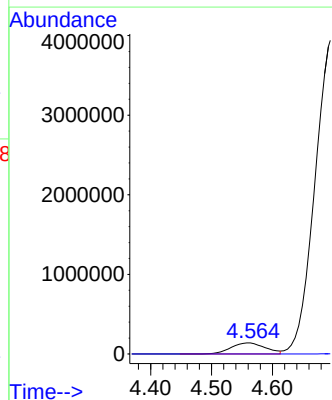
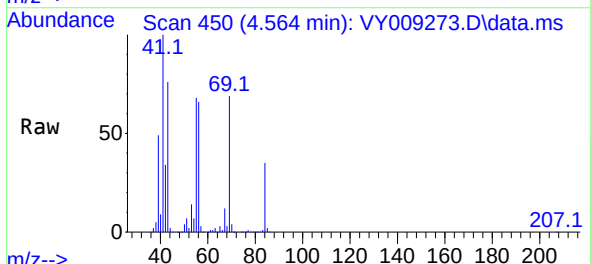
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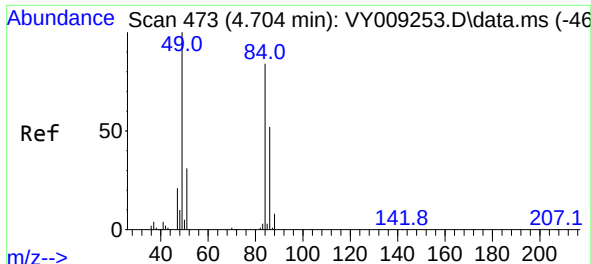
Tgt Ion: 76 Resp: 125783
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 619.88 ug/l
RT: 4.564 min Scan# 450
Delta R.T. 0.092 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 43 Resp: 546641
Ion Ratio Lower Upper
43 100
74 0.2 16.6 24.8#

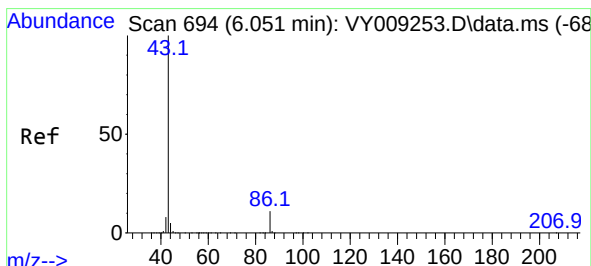
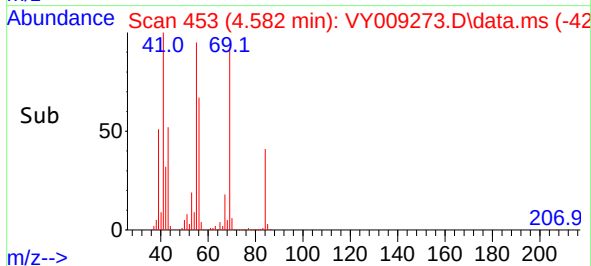
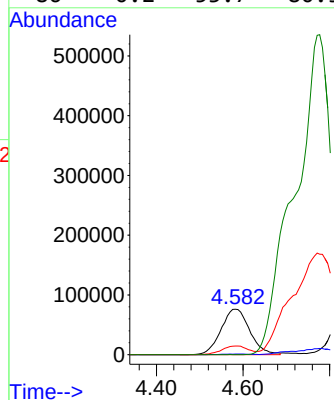
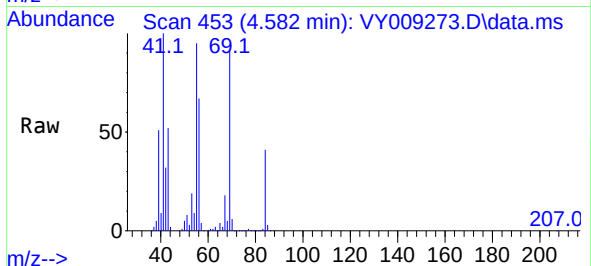




#20
Methylene Chloride
Concen: 233.94 ug/l
RT: 4.582 min Scan# 41
Delta R.T. -0.122 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

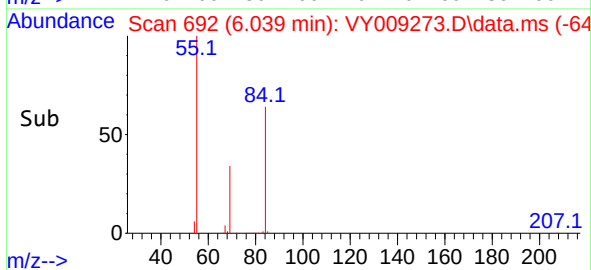
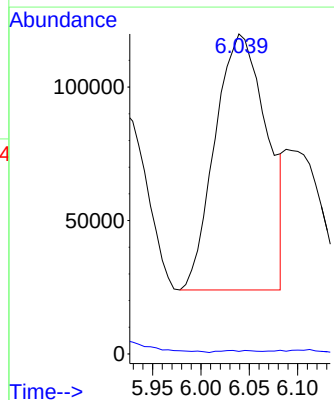
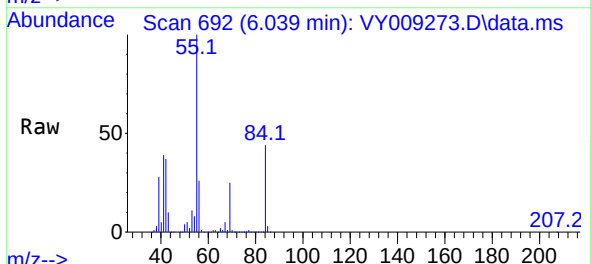
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

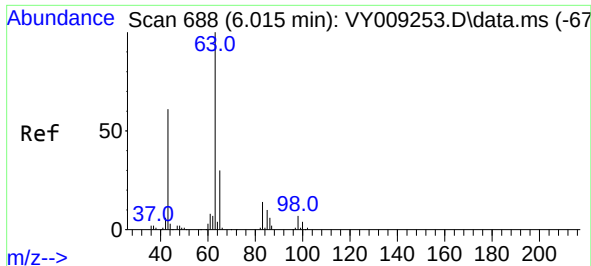
Tgt Ion: 84 Resp: 351879
Ion Ratio Lower Upper
84 100
49 1.6 114.4 171.6#
51 19.1 35.3 52.9#
86 0.2 53.7 80.5#



#23
Vinyl Acetate
Concen: 127.89 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 43 Resp: 358156
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#24

1,1-Dichloroethane

Concen: 14.59 ug/l

RT: 6.039 min Scan# 61

Delta R.T. 0.024 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

B2201-27.5

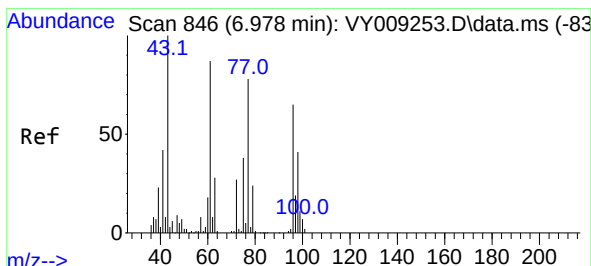
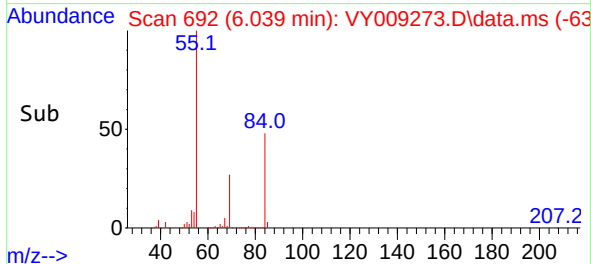
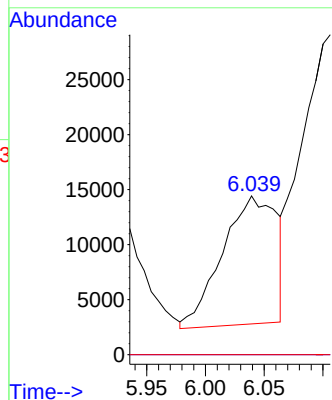
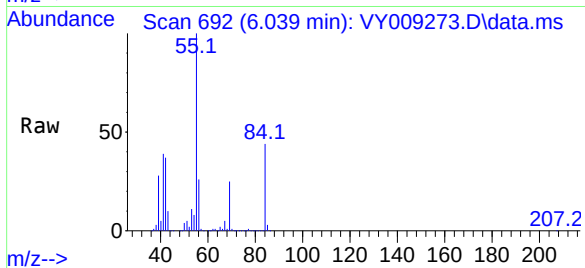
Tgt Ion: 63 Resp: 37672

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.0 5.8#



#25

2-Butanone

Concen: 1034.42 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY009273.D

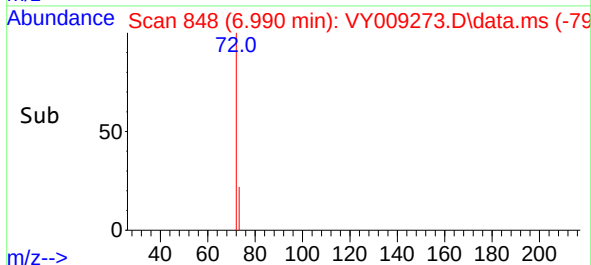
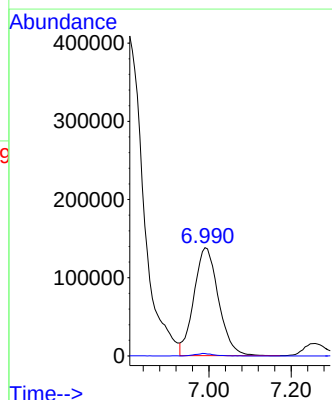
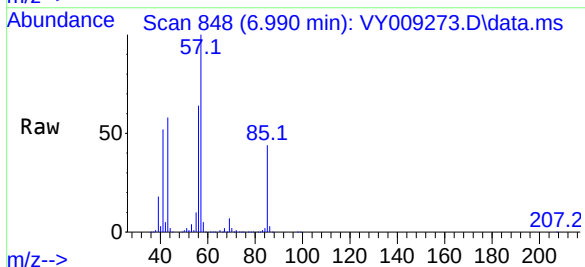
Acq: 22 Jun 2022 14:48

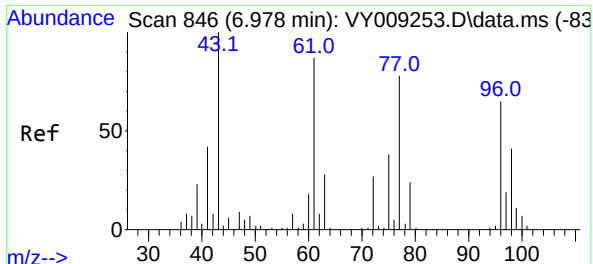
Tgt Ion: 43 Resp: 571555

Ion Ratio Lower Upper

43 100

72 2.3 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 61.38 ug/l

RT: 6.813 min Scan# 819

Delta R.T. -0.165 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

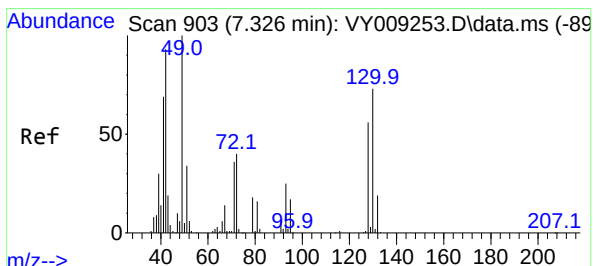
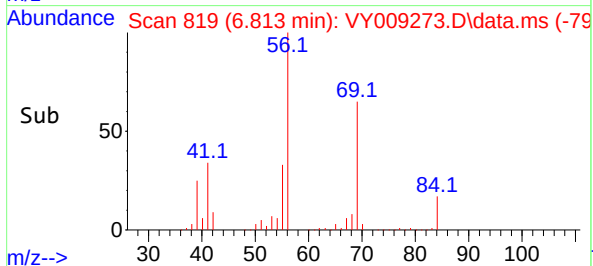
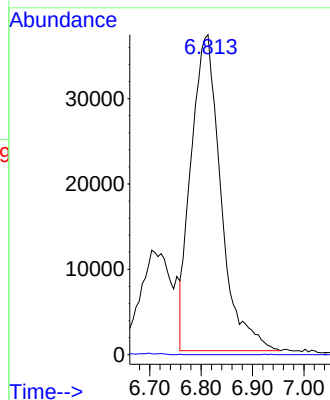
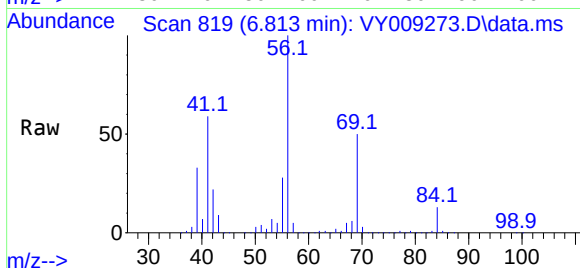
B2201-27.5

Tgt Ion: 77 Resp: 148992

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#28

Bromochloromethane

Concen: 34.20 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.207 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

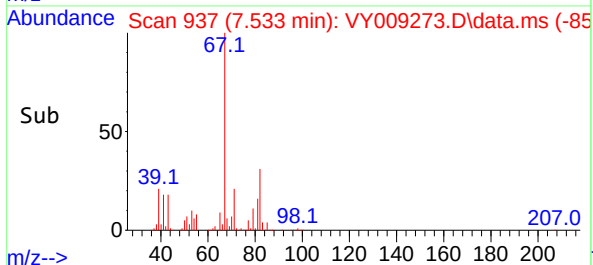
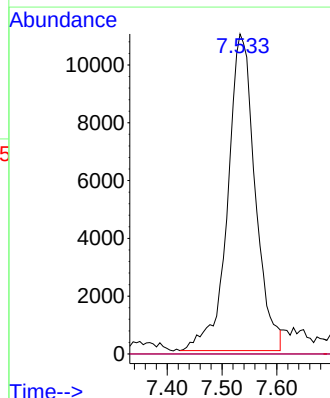
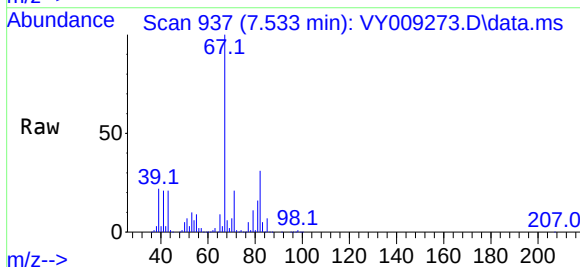
Tgt Ion: 49 Resp: 38105

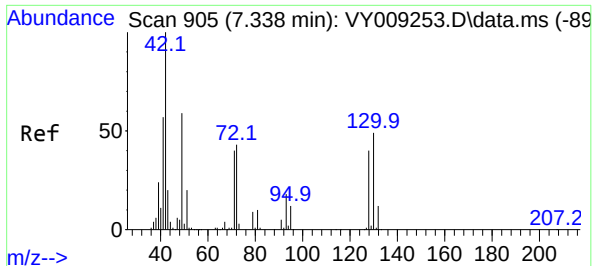
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 0.0 55.4 83.0#

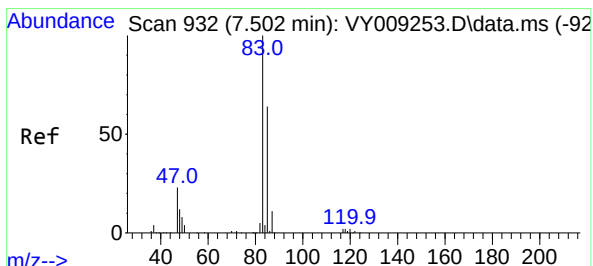
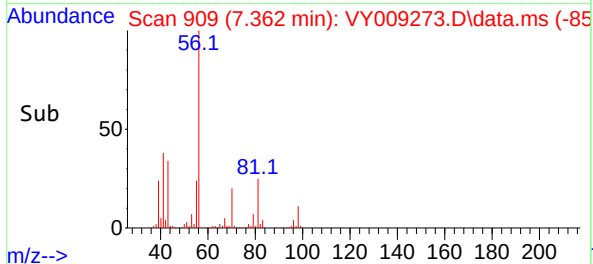
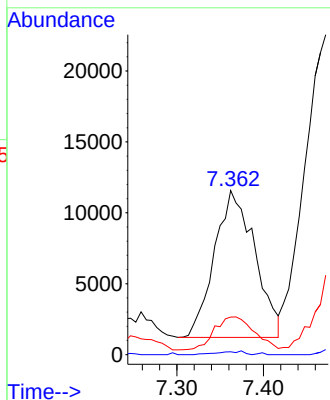
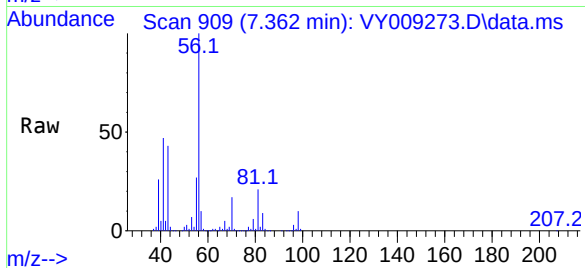




#29
Tetrahydrofuran
Concen: 95.87 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.024 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

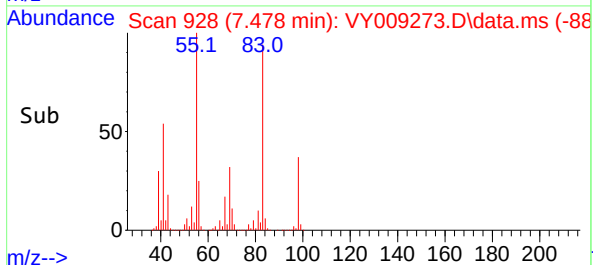
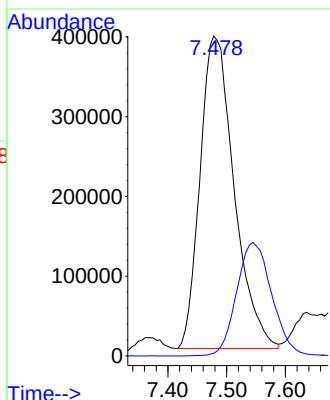
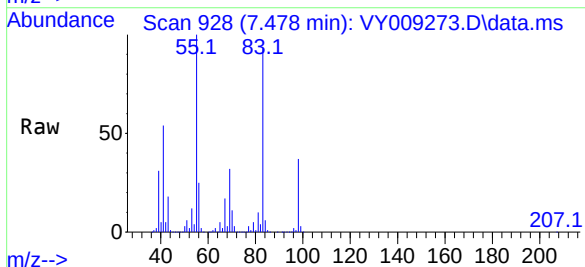
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

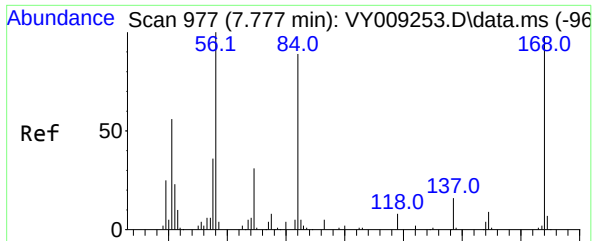
Tgt Ion: 42 Resp: 33547
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



#30
Chloroform
Concen: 594.08 ug/l
RT: 7.478 min Scan# 928
Delta R.T. -0.024 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 83 Resp: 1578924
Ion Ratio Lower Upper
83 100
85 0.9 51.8 77.6#

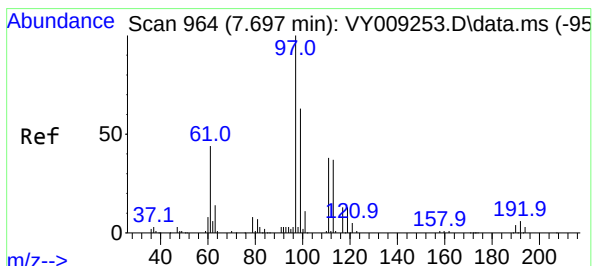
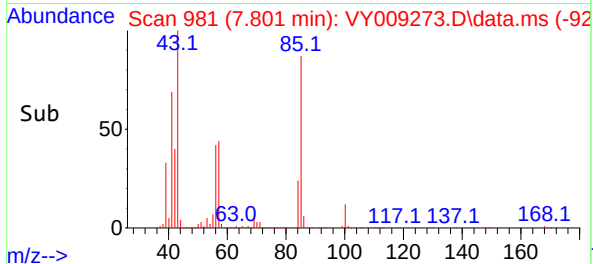
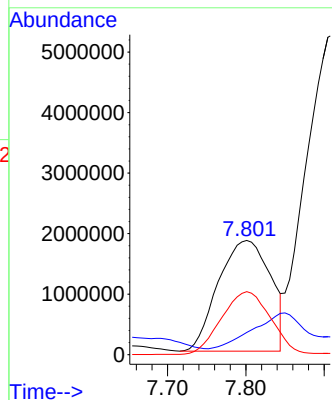
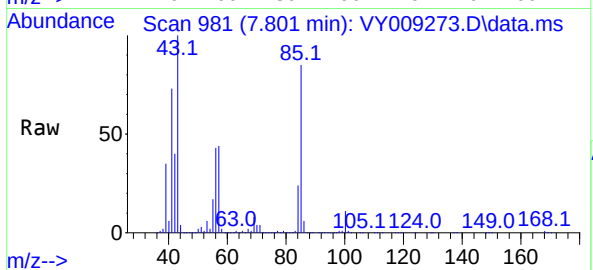




#31
Cyclohexane
Concen: 3517.15 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

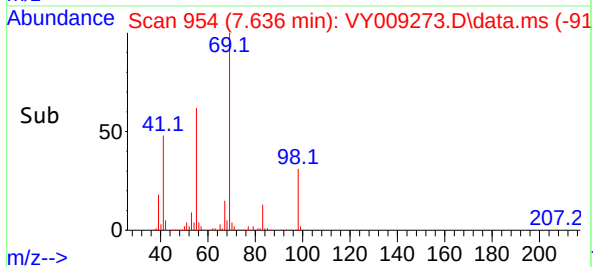
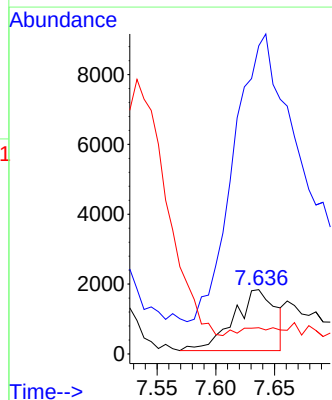
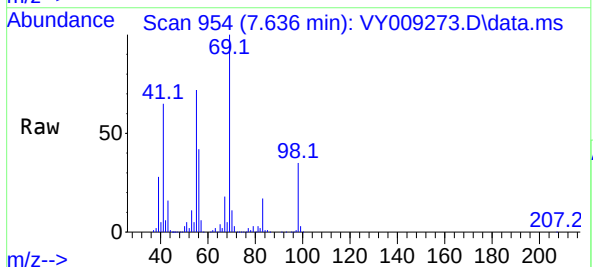
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

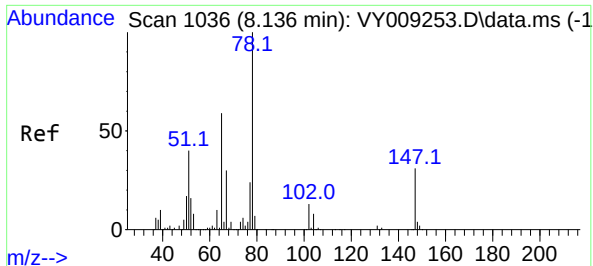
Tgt Ion: 56 Resp: 8454613
Ion Ratio Lower Upper
56 100
69 9.0 26.7 40.1#
84 56.7 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 1.87 ug/l
RT: 7.636 min Scan# 954
Delta R.T. -0.061 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 97 Resp: 4343
Ion Ratio Lower Upper
97 100
99 831.4 50.7 76.1#
61 0.0 37.6 56.4#

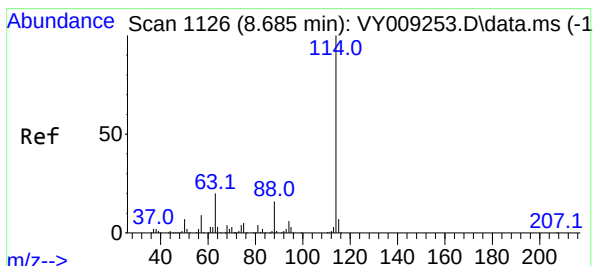
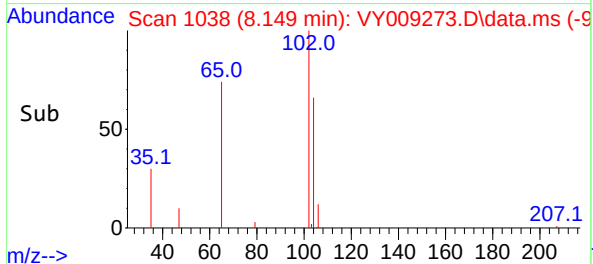
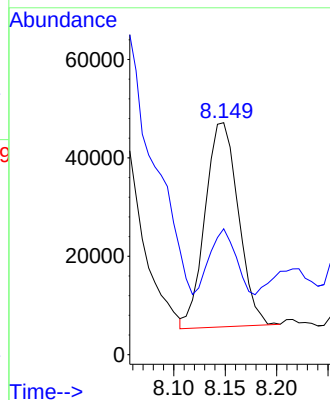
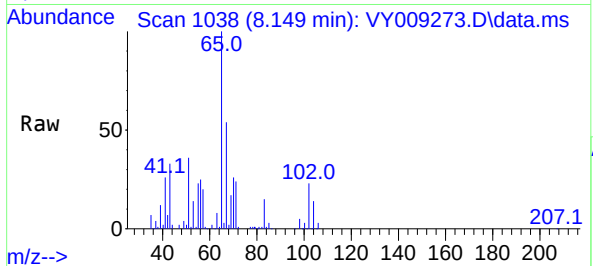




#33
1,2-Dichloroethane-d4
Concen: 67.58 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

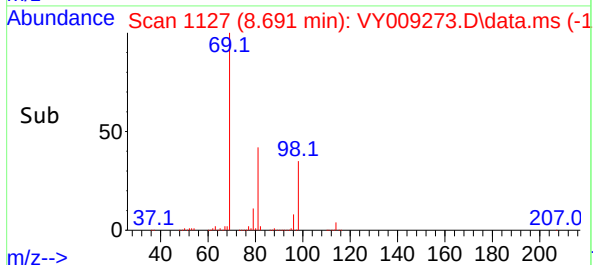
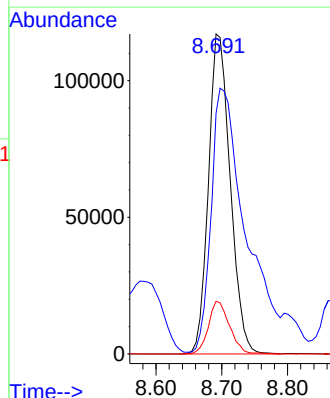
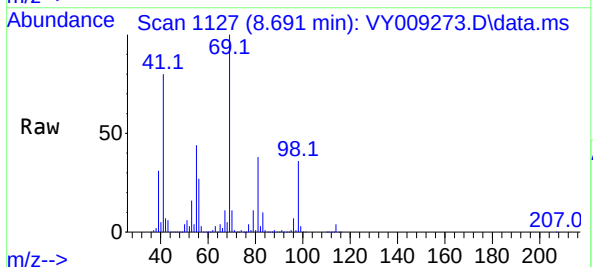
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

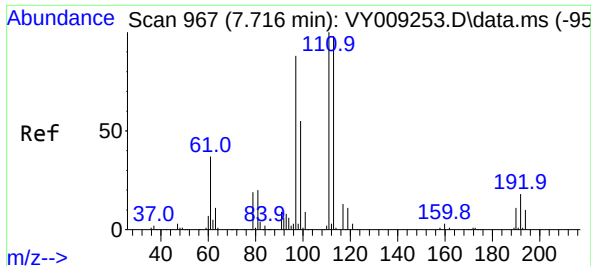
Tgt Ion: 65 Resp: 93583
Ion Ratio Lower Upper
65 100
67 24.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion:114 Resp: 269309
Ion Ratio Lower Upper
114 100
63 73.8 0.0 43.2#
88 16.5 0.0 31.8

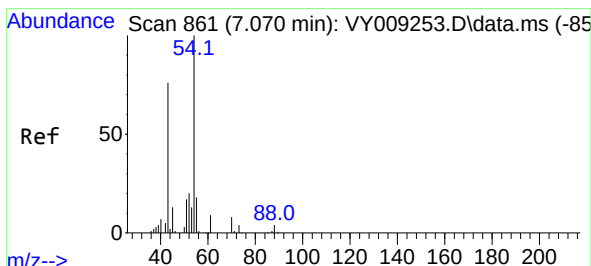
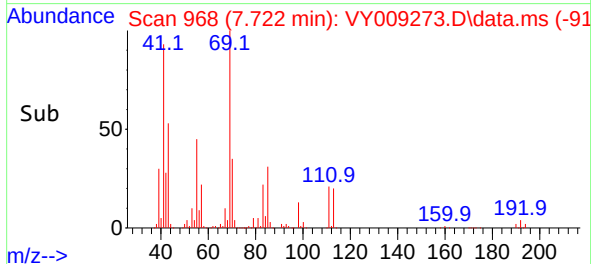
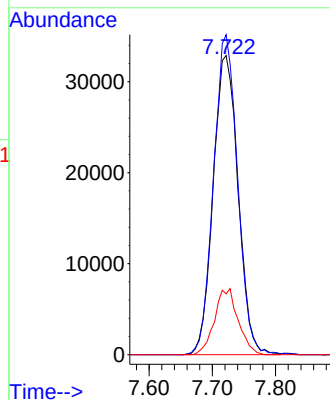
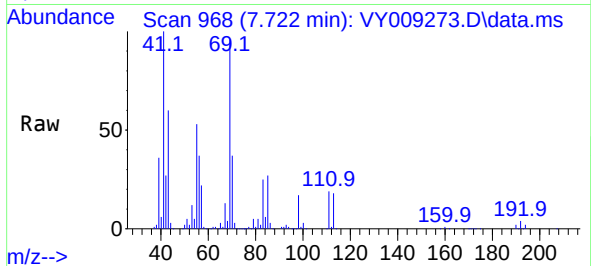




#35
Dibromofluoromethane
Concen: 51.53 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

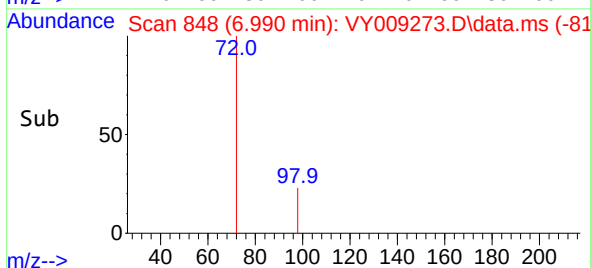
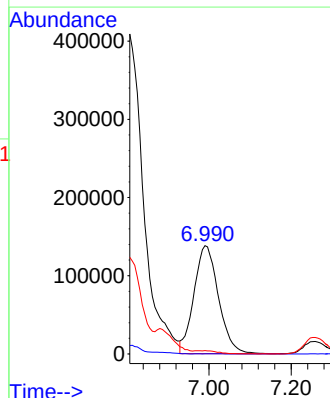
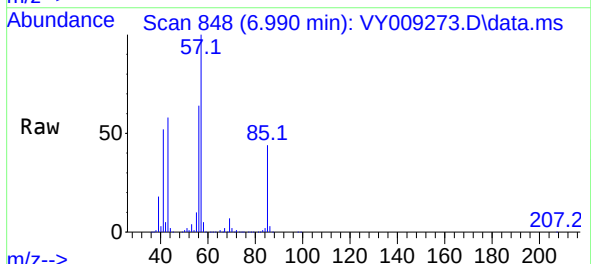
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

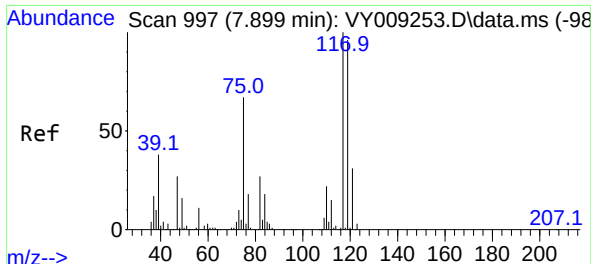
Tgt Ion:113 Resp: 89872
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.9 17.6 26.4



#37
Ethyl Acetate
Concen: 356.10 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.080 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

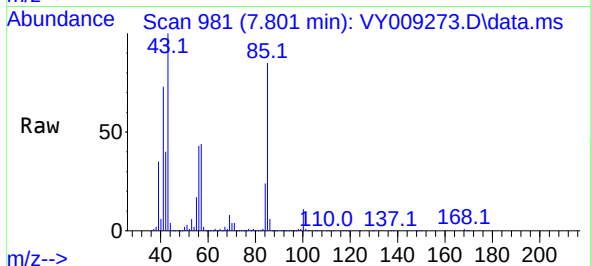
Tgt Ion: 43 Resp: 571555
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



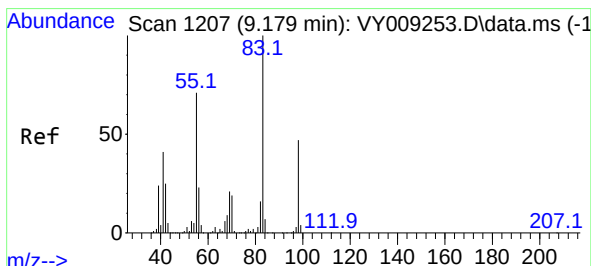
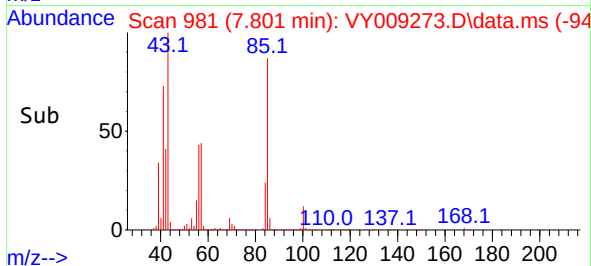
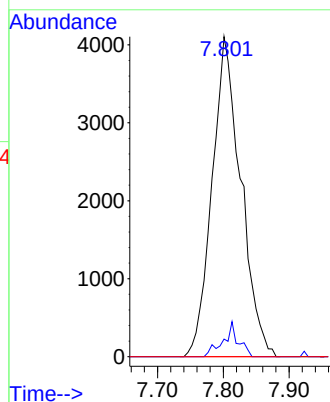


#38
Carbon Tetrachloride
Concen: 4.52 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

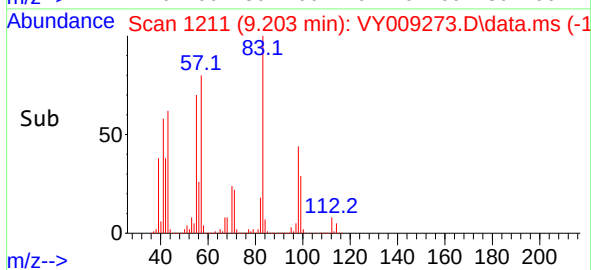
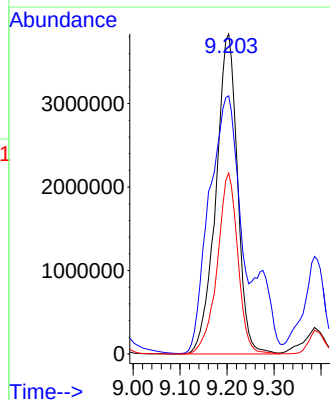
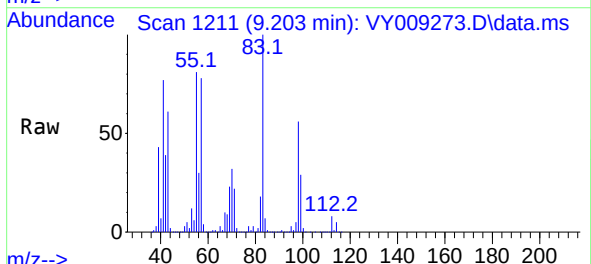


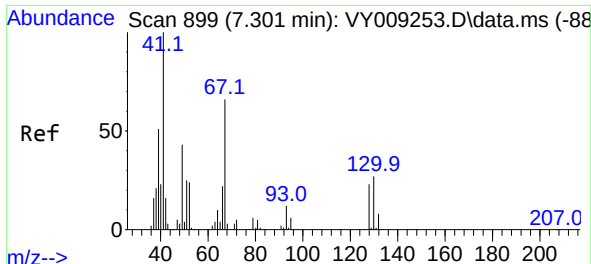
Tgt Ion:117 Resp: 12486
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 3767.61 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. 0.024 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 83 Resp:12270259
Ion Ratio Lower Upper
83 100
55 80.5 66.5 99.7
98 56.5 37.9 56.9

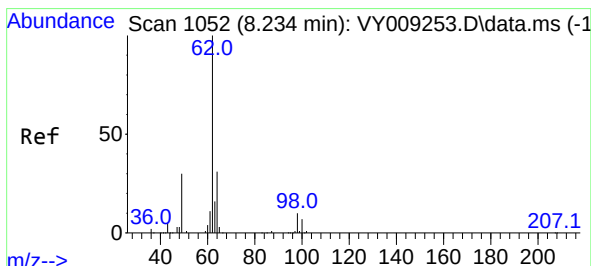
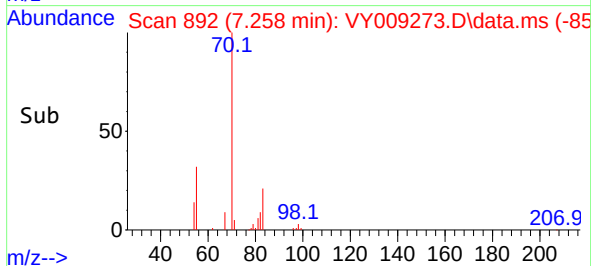
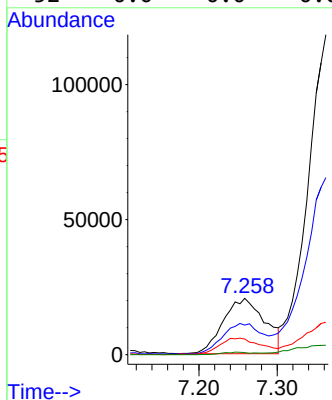
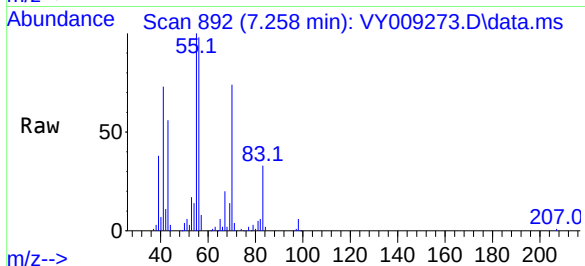




#41
Methacrylonitrile
Concen: 85.53 ug/l
RT: 7.258 min Scan# 899
Delta R.T. -0.043 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

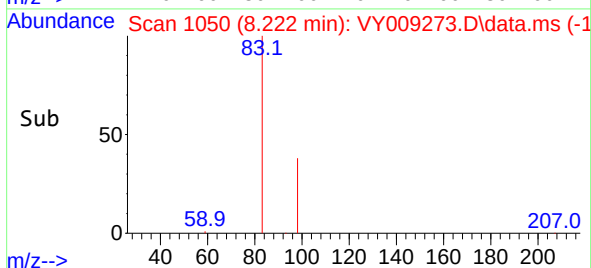
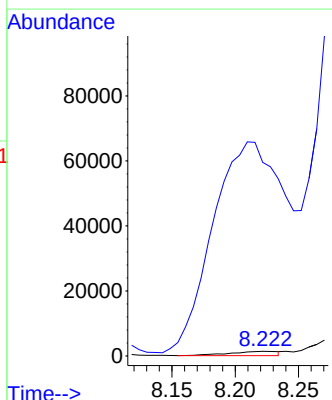
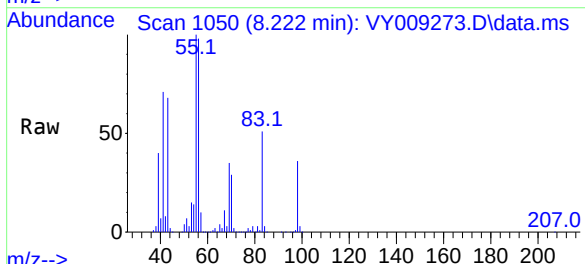
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

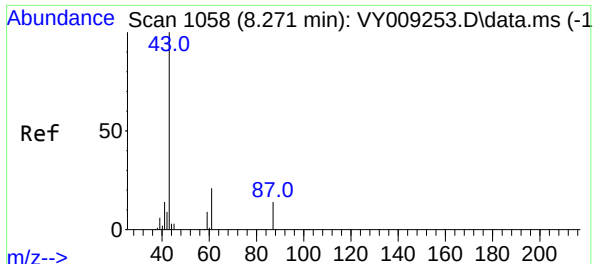
Tgt Ion: 41 Resp: 76117
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 1.62 ug/l
RT: 8.222 min Scan# 1050
Delta R.T. -0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 62 Resp: 3639
Ion Ratio Lower Upper
62 100
98 6955.6 0.0 14.8#





#43

Isopropyl Acetate

Concen: 7199.60 ug/l

RT: 8.392 min Scan# 1078

Delta R.T. 0.121 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Instrument :

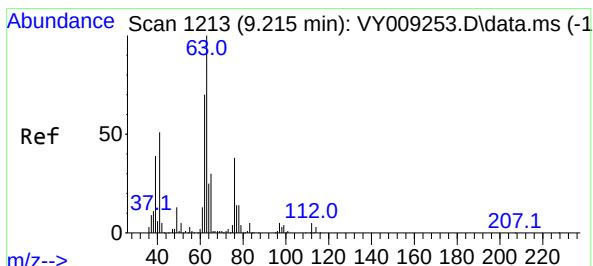
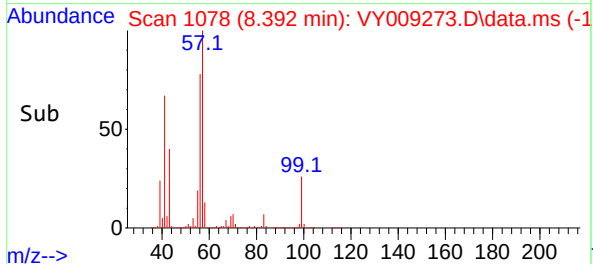
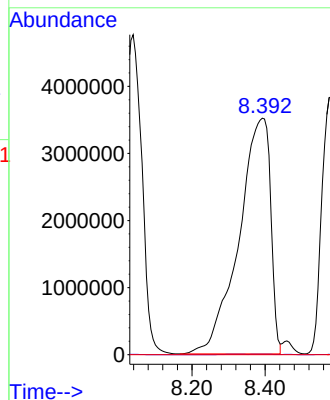
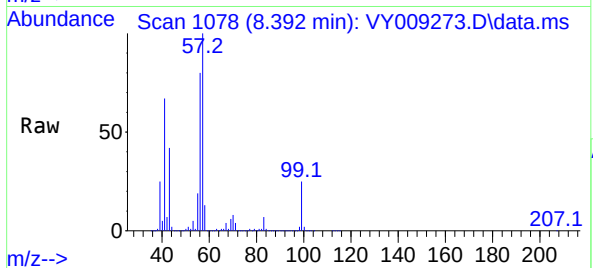
MSVOA_Y

ClientSampleId :

B2201-27.5

Tgt Ion: 43 Resp: 21175652

Ion	Ratio	Lower	Upper
43	100		
61	0.1	20.2	30.2#
87	0.0	8.9	13.3#



#45

1,2-Dichloropropane

Concen: 124.63 ug/l

RT: 9.197 min Scan# 1210

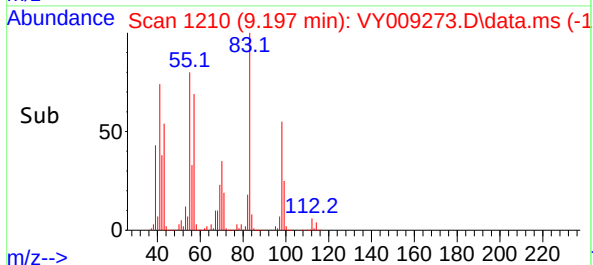
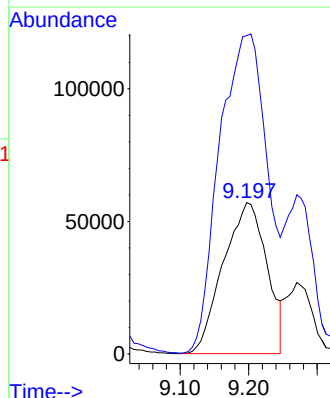
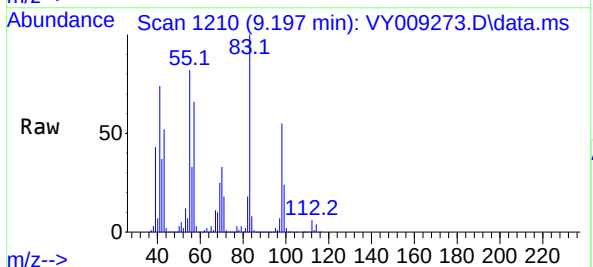
Delta R.T. -0.018 min

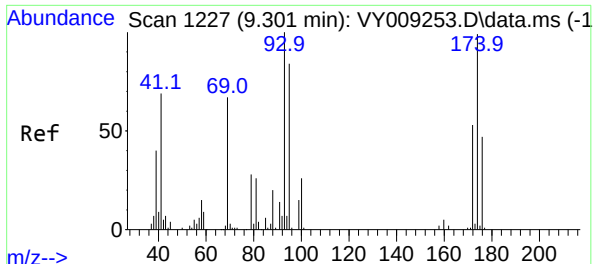
Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Tgt Ion: 63 Resp: 252113

Ion	Ratio	Lower	Upper
63	100		
65	210.4	23.0	34.6#





#46

Dibromomethane

Concen: 18.26 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.012 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Instrument :

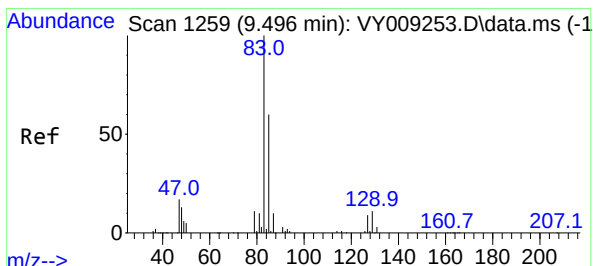
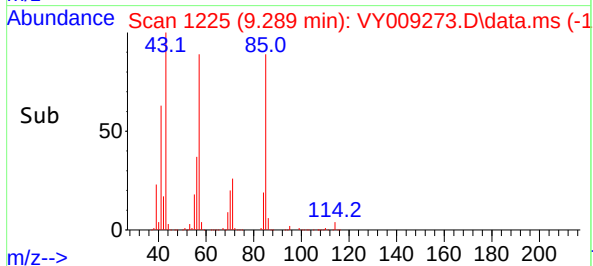
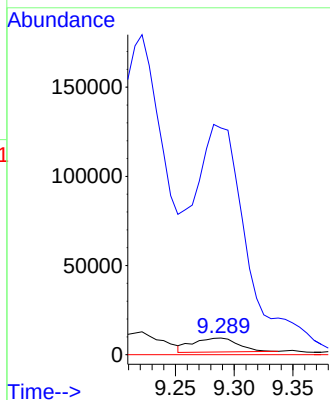
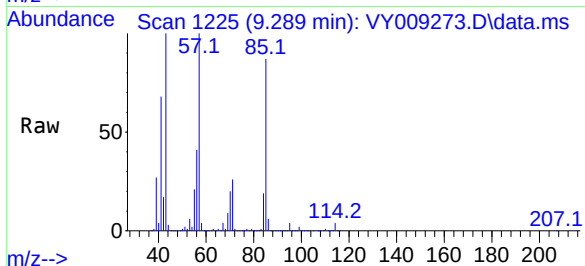
MSVOA_Y

ClientSampleId :

B2201-27.5

Tgt Ion: 93 Resp: 21000

Ion	Ratio	Lower	Upper
93	100		
95	1789.6	64.3	96.5#
174	0.0	83.4	125.0#



#47

Bromodichloromethane

Concen: 618.50 ug/l

RT: 9.496 min Scan# 1259

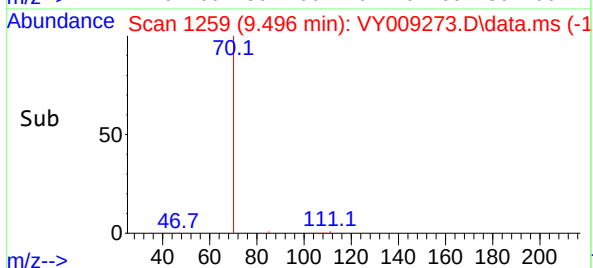
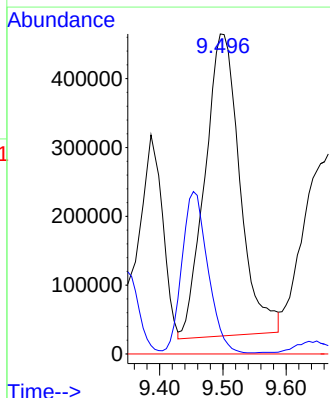
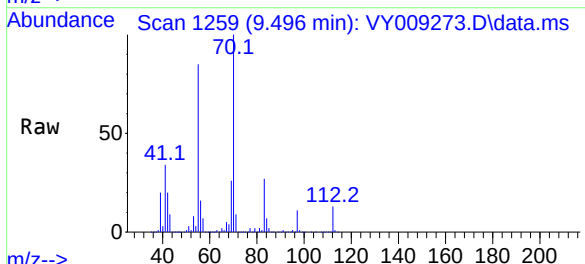
Delta R.T. -0.000 min

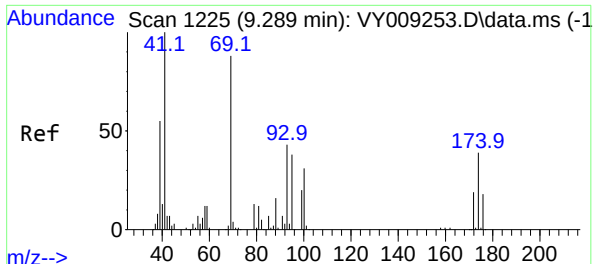
Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Tgt Ion: 83 Resp: 1689560

Ion	Ratio	Lower	Upper
83	100		
85	7.8	51.9	77.9#
127	0.0	6.6	10.0#





#48

Methyl methacrylate

Concen: 11123.84 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.080 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

B2201-27.5

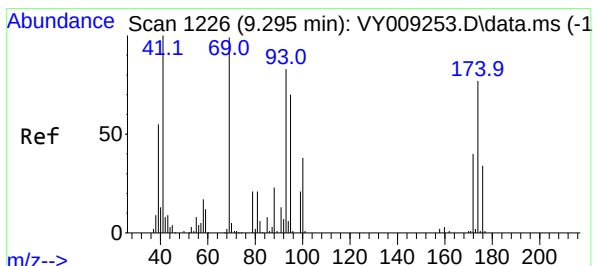
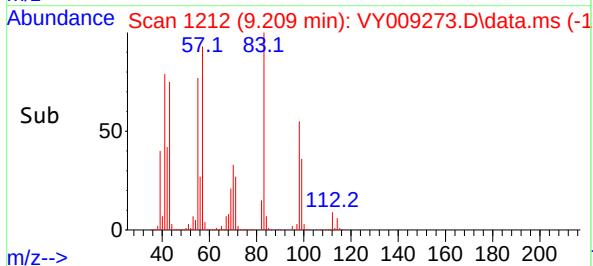
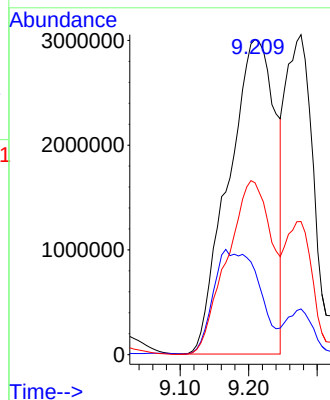
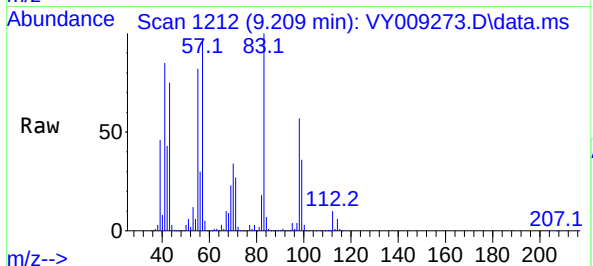
Tgt Ion: 41 Resp:14340743

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 52.7 47.4 71.0



#49

1,4-Dioxane

Concen: 18.39 ug/l

RT: 9.270 min Scan# 1222

Delta R.T. -0.025 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

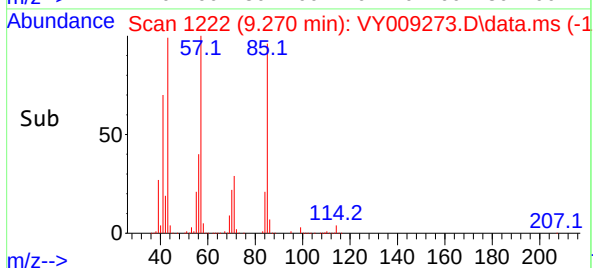
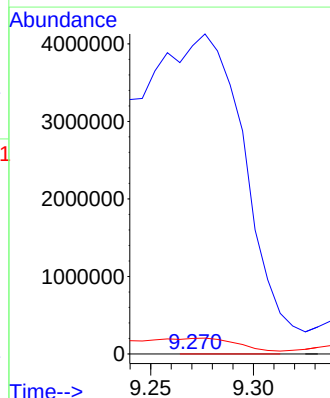
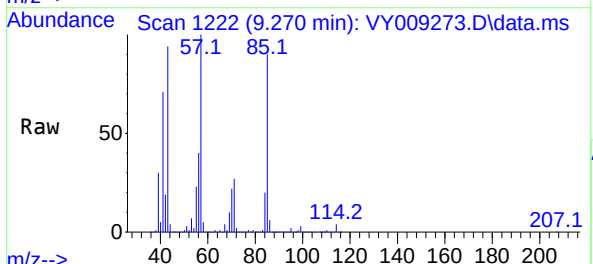
Tgt Ion: 88 Resp: 304

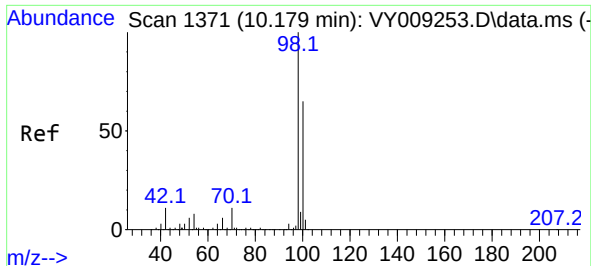
Ion Ratio Lower Upper

88 100

43 0.0 32.8 49.2#

58 0.0 59.8 89.6#

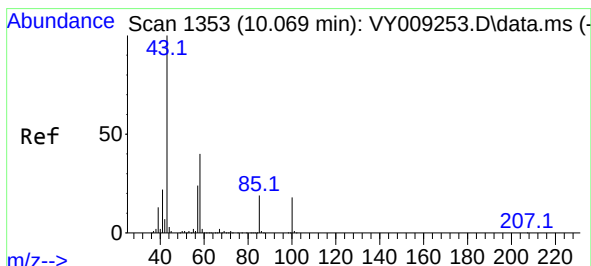
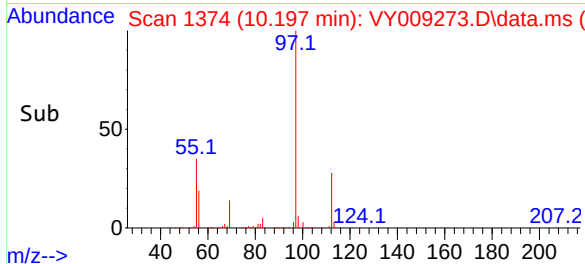
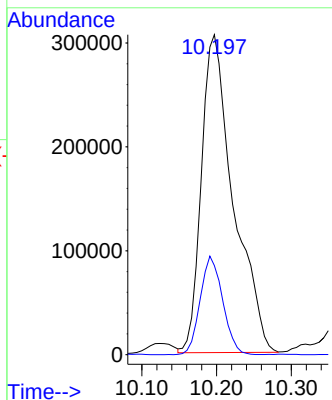
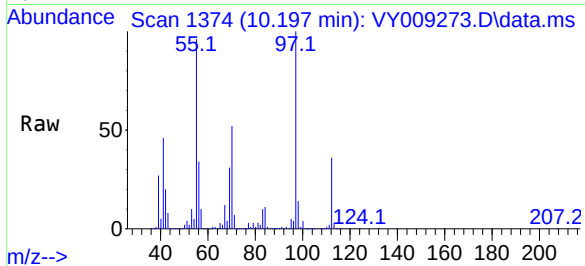




#50
Toluene-d8
Concen: 136.05 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

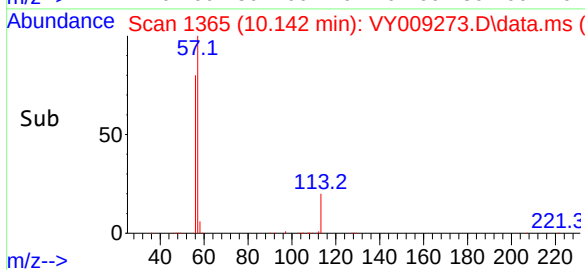
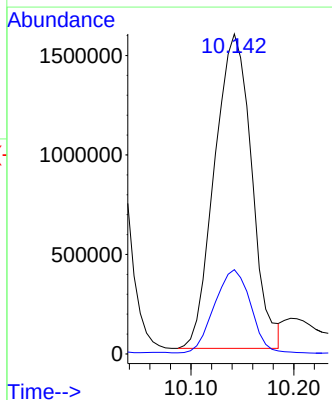
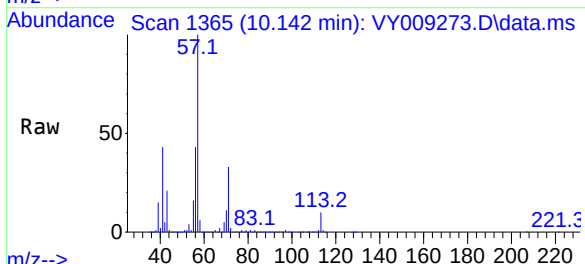
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

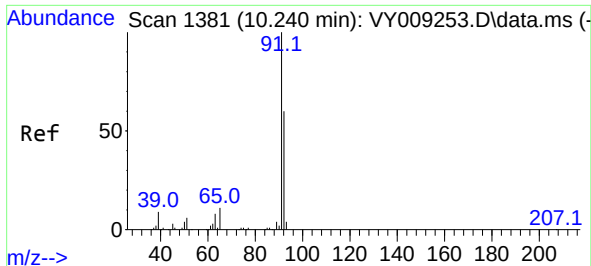
Tgt Ion: 98 Resp: 911494
Ion Ratio Lower Upper
98 100
100 21.8 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 2592.02 ug/l
RT: 10.142 min Scan# 1365
Delta R.T. 0.073 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 43 Resp: 3965415
Ion Ratio Lower Upper
43 100
58 26.0 28.1 42.1#

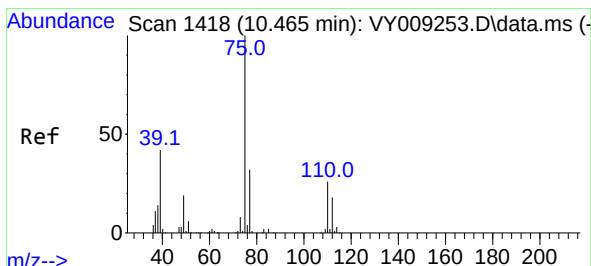
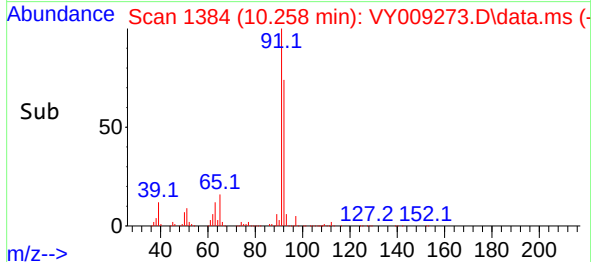
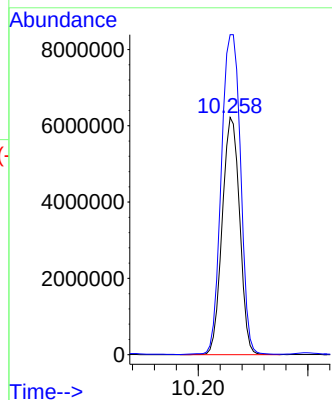
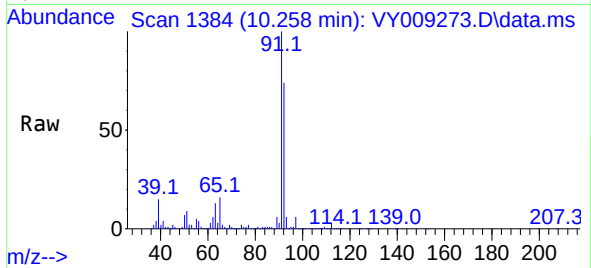




#52
Toluene
Concen: 2768.86 ug/l
RT: 10.258 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

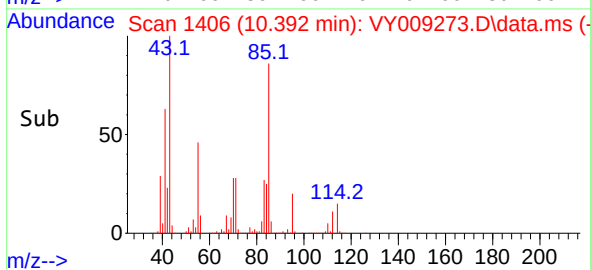
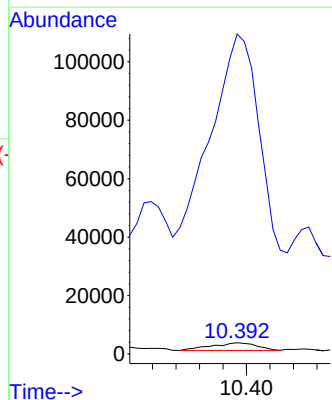
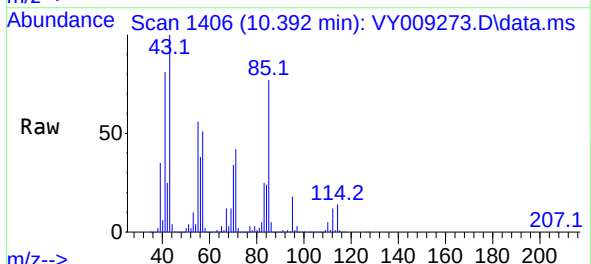
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

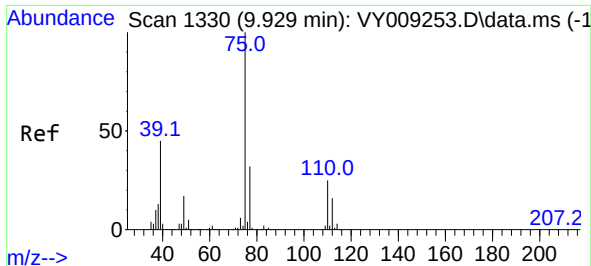
Tgt Ion: 92 Resp:13743694
Ion Ratio Lower Upper
92 100
91 148.7 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 2.52 ug/l
RT: 10.392 min Scan# 1406
Delta R.T. -0.073 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 75 Resp: 7170
Ion Ratio Lower Upper
75 100
77 2780.6 25.4 38.2#

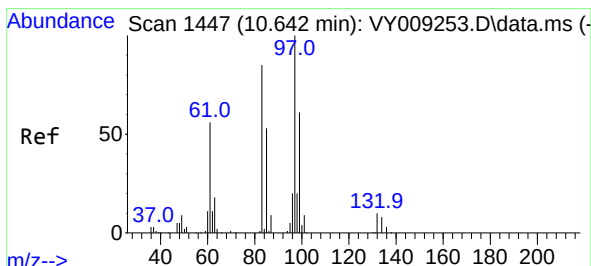
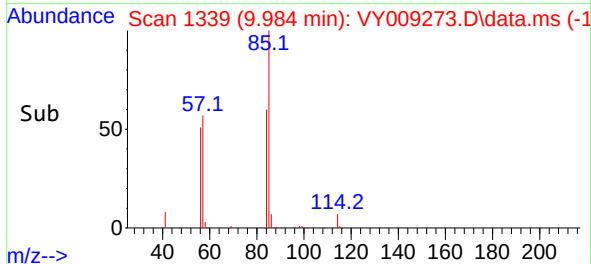
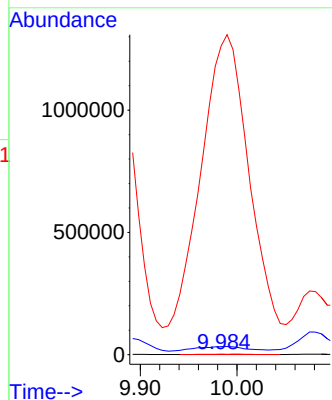
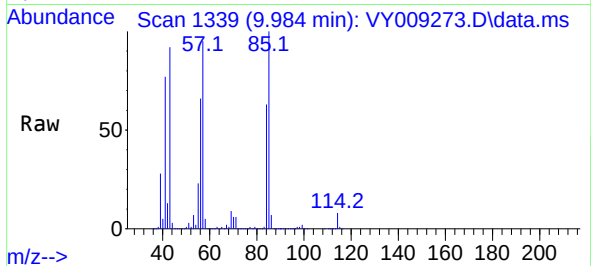




#54
cis-1,3-Dichloropropene
Concen: 1.46 ug/l
RT: 9.984 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

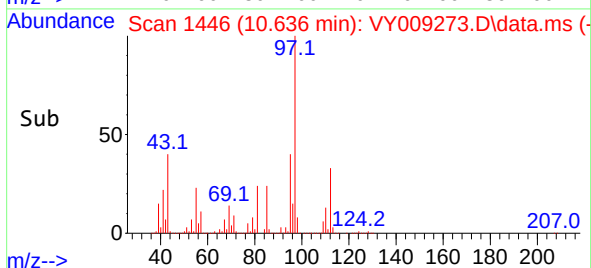
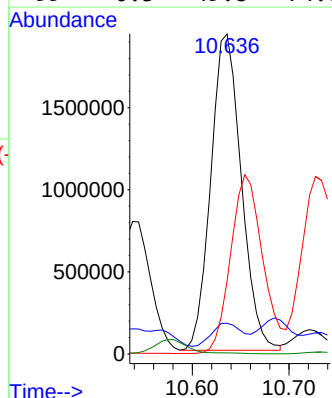
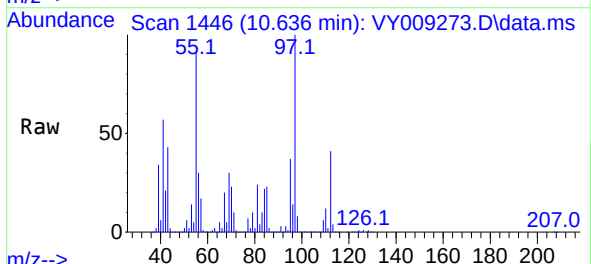
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

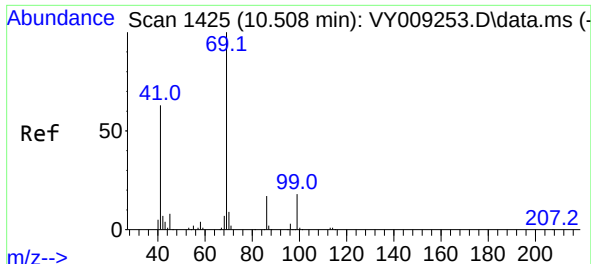
Tgt Ion: 75 Resp: 4711
Ion Ratio Lower Upper
75 100
77 969.7 25.6 38.4#
39 71230.1 47.6 71.4#



#55
1,1,2-Trichloroethane
Concen: 2615.01 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 97 Resp: 4222306
Ion Ratio Lower Upper
97 100
83 5.6 69.8 104.8#
85 22.9 44.3 66.5#
99 0.3 49.8 74.6#

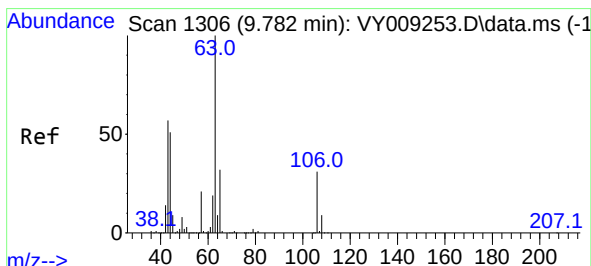
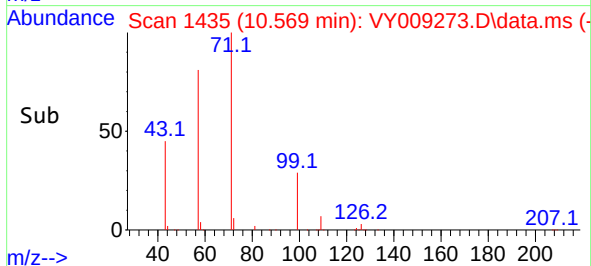
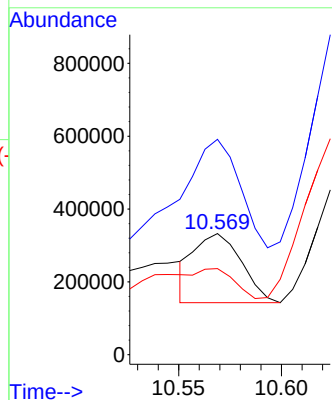
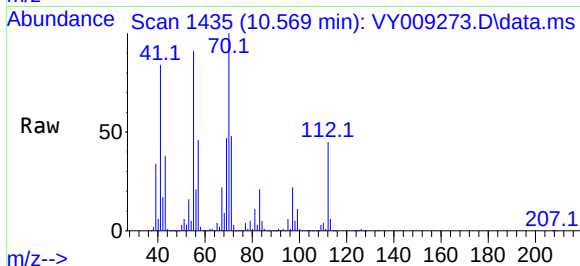




#56
Ethyl methacrylate
Concen: 143.04 ug/l
RT: 10.569 min Scan# 1425
Delta R.T. 0.061 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

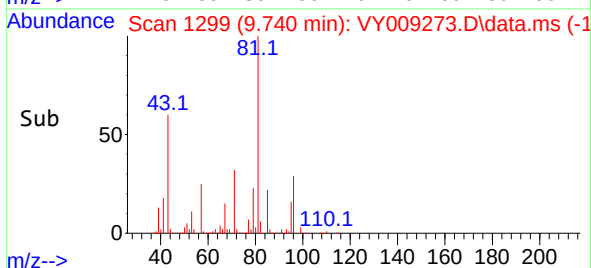
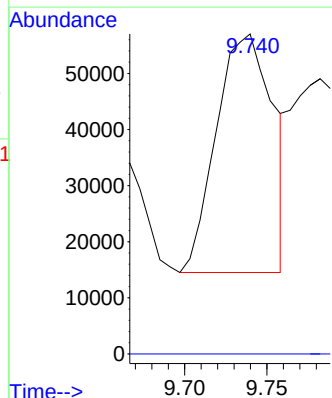
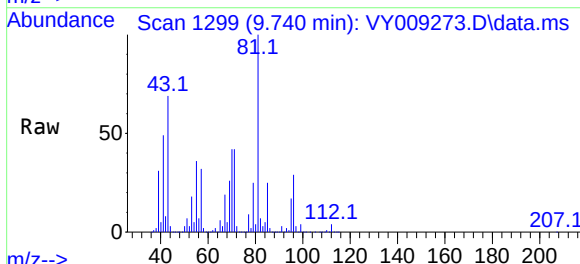
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

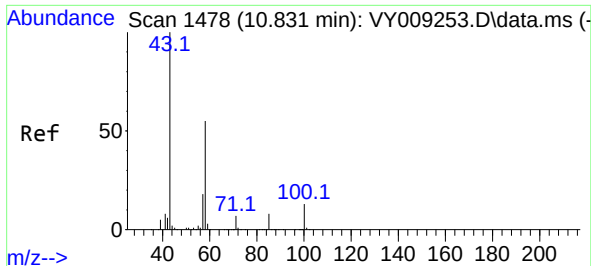
Tgt Ion: 69 Resp: 305532
Ion Ratio Lower Upper
69 100
41 337.9 63.4 95.0#
39 85.0 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 110.95 ug/l
RT: 9.740 min Scan# 1299
Delta R.T. -0.042 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 63 Resp: 101663
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

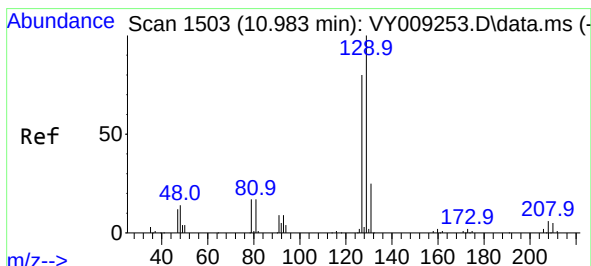
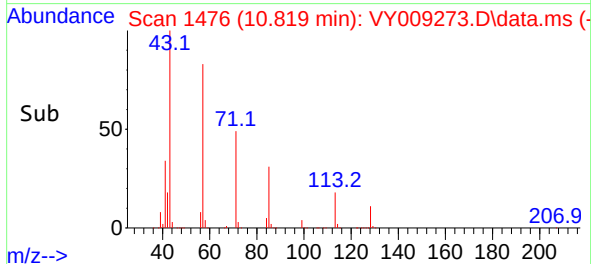
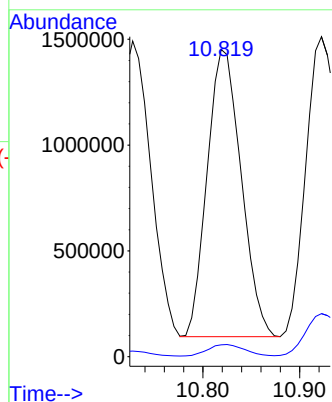
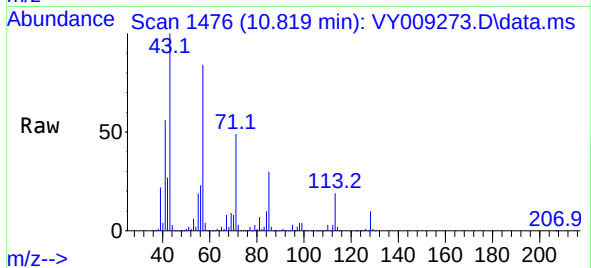




#59
2-Hexanone
Concen: 3205.79 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. -0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

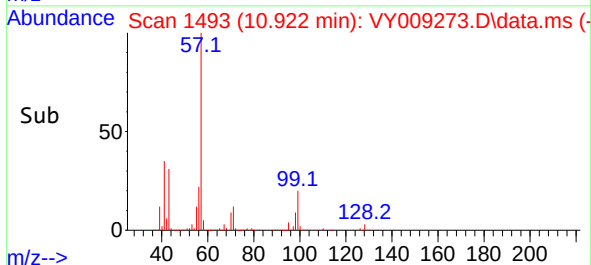
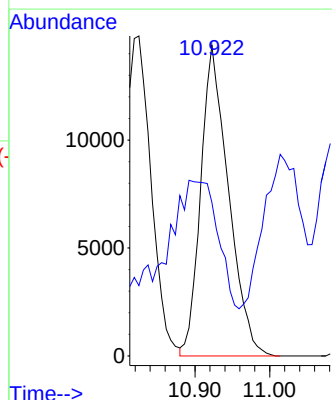
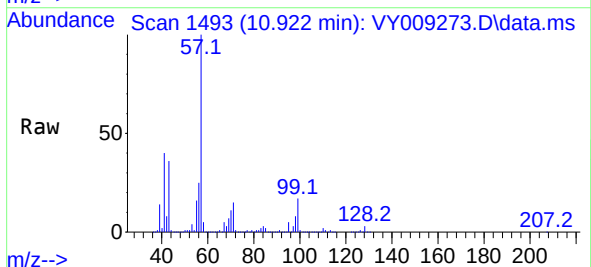
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

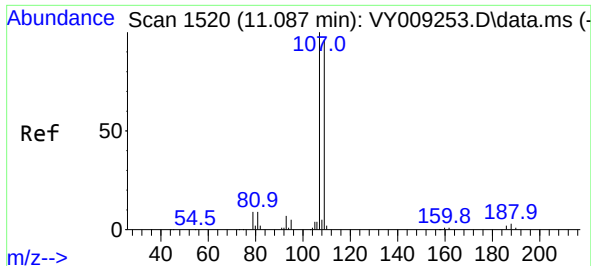
Tgt Ion: 43 Resp: 3319084
Ion Ratio Lower Upper
43 100
58 4.3 24.4 73.4#



#60
Dibromochloromethane
Concen: 18.84 ug/l
RT: 10.922 min Scan# 1493
Delta R.T. -0.061 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion:129 Resp: 37096
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

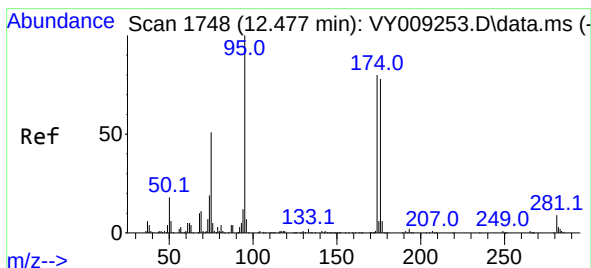
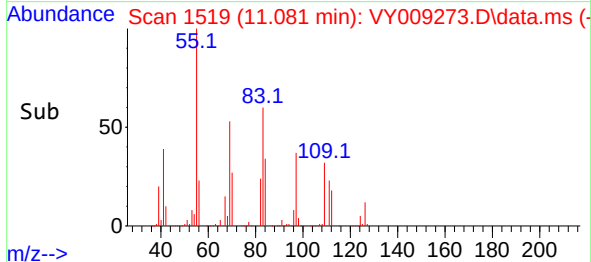
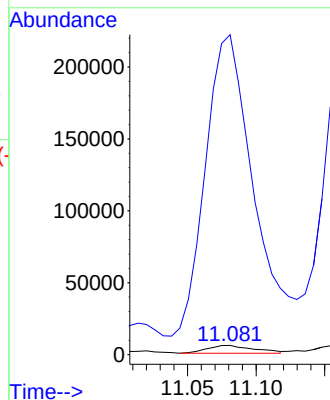
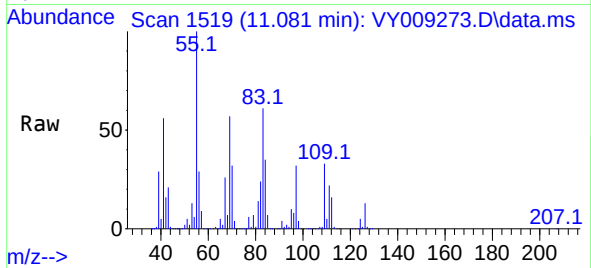




#61
1,2-Dibromoethane
Concen: 8.36 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

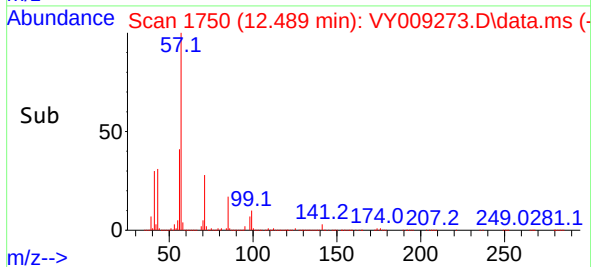
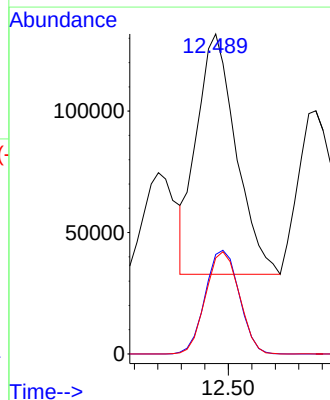
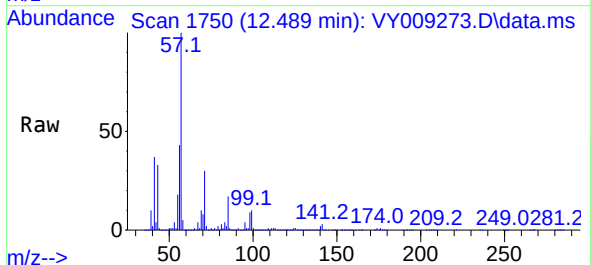
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

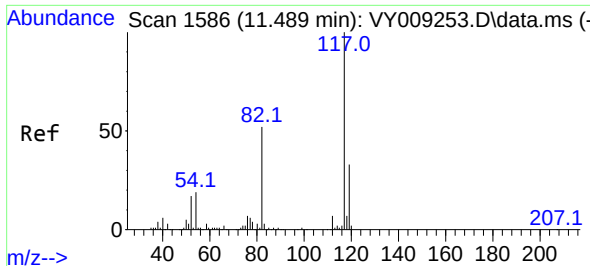
Tgt Ion:107 Resp: 13166
Ion Ratio Lower Upper
107 100
109 3873.7 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 97.83 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 95 Resp: 230310
Ion Ratio Lower Upper
95 100
174 37.3 0.0 177.0
176 36.4 0.0 175.8

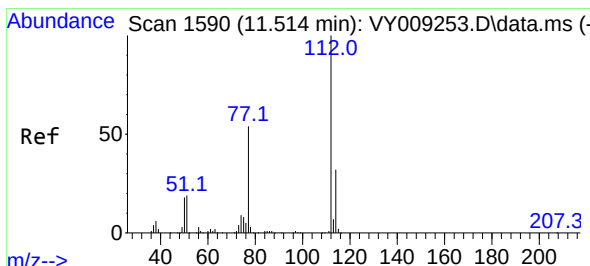
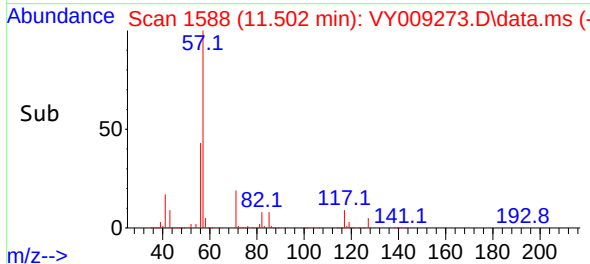
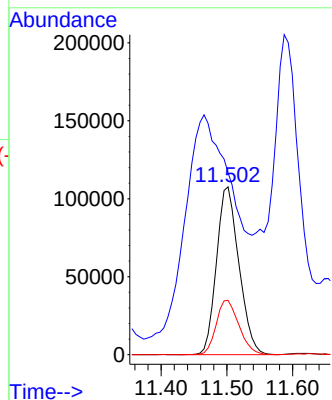
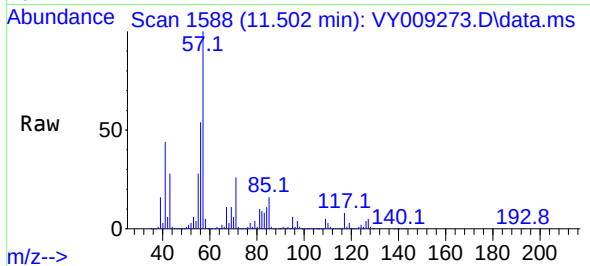




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

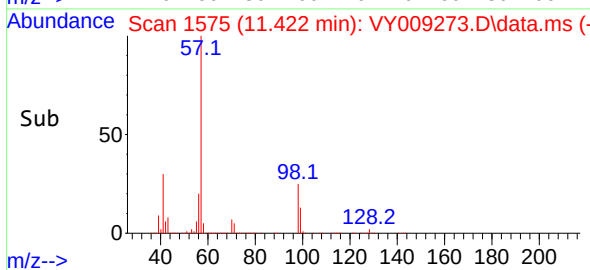
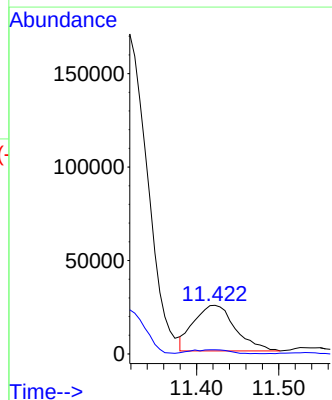
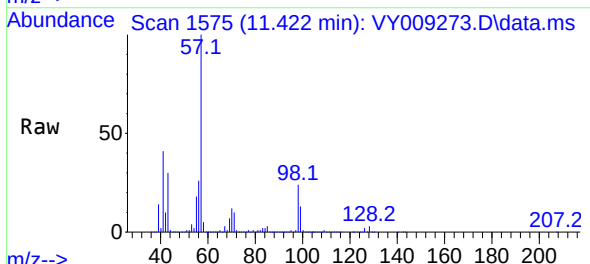
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

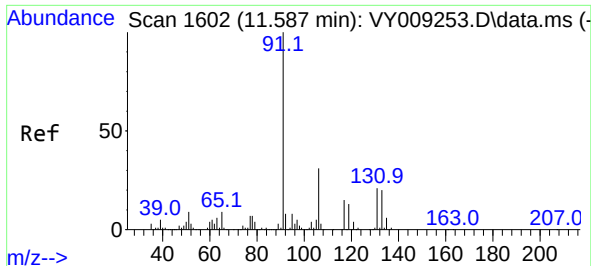
Tgt Ion:117 Resp: 255805
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 32.4 25.4 38.0



#65
Chlorobenzene
Concen: 14.86 ug/l
RT: 11.422 min Scan# 1575
Delta R.T. -0.092 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion:112 Resp: 85625
Ion Ratio Lower Upper
112 100
114 7.7 25.8 38.6#

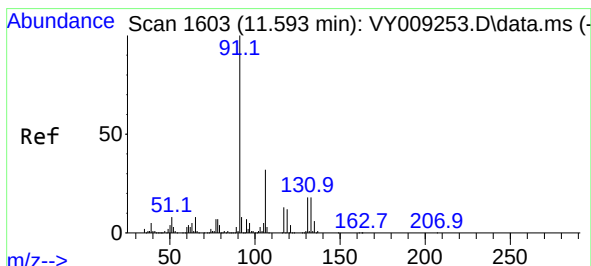
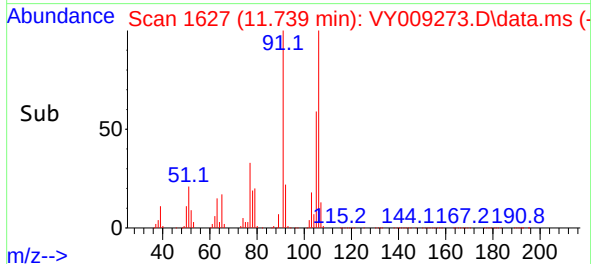
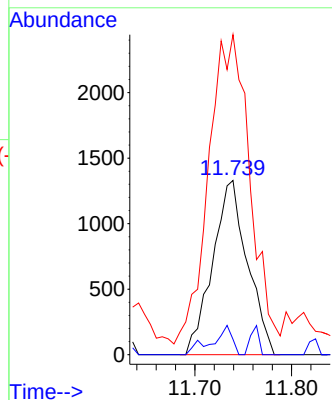
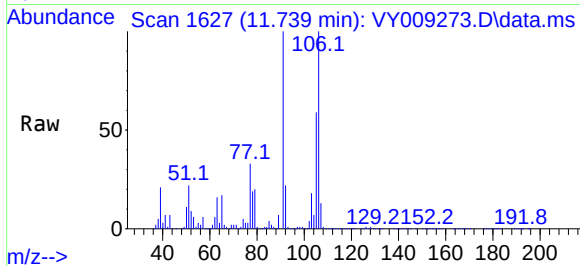




#66
1,1,1,2-Tetrachloroethane
Concen: 1.58 ug/l
RT: 11.739 min Scan# 1627
Delta R.T. 0.152 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

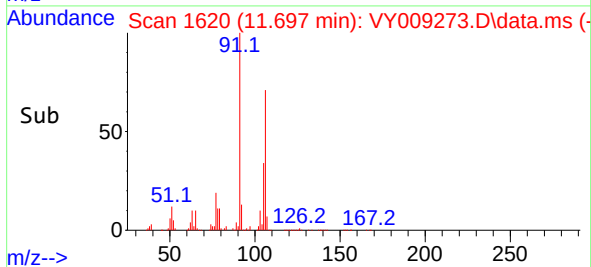
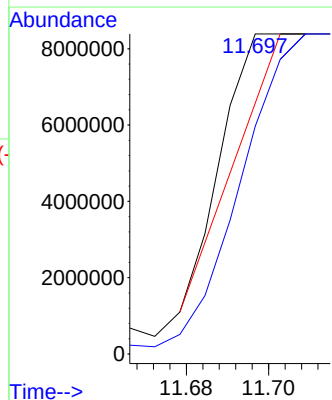
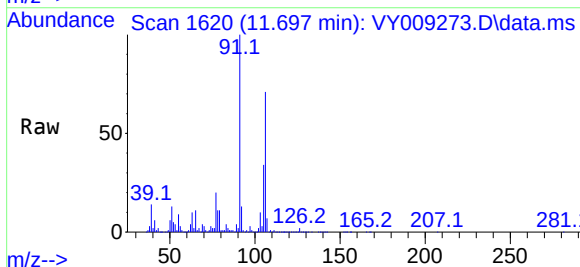
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

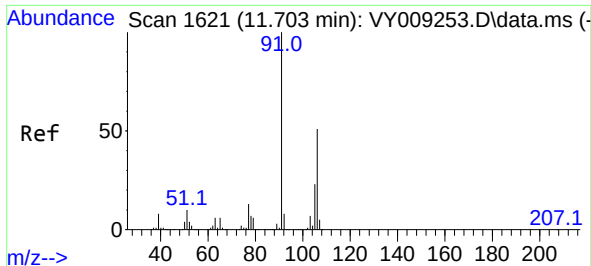
Tgt Ion:131 Resp: 3330
Ion Ratio Lower Upper
131 100
133 7.1 47.9 143.6#
119 207.6 30.8 92.3#



#67
Ethyl Benzene
Concen: 296.99 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.104 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 91 Resp: 2966051
Ion Ratio Lower Upper
91 100
106 74.8 24.5 36.7#

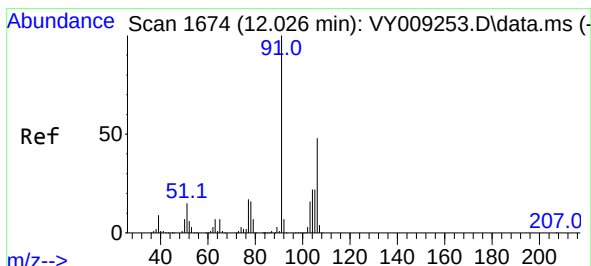
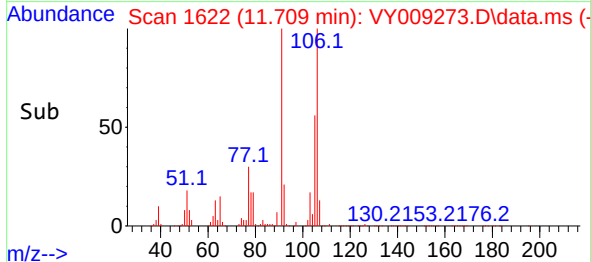
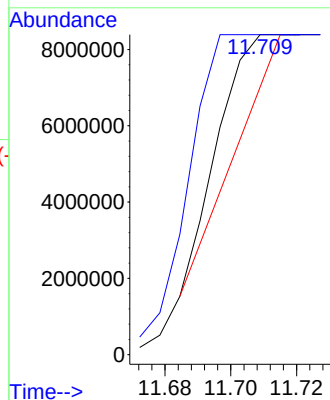
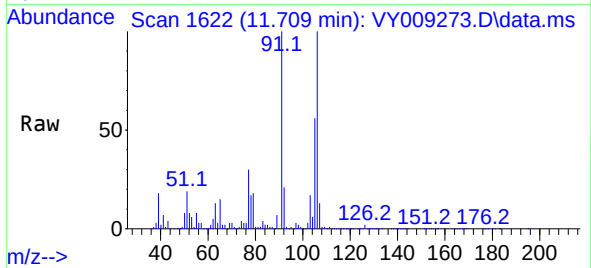




#68
m/p-Xylenes
Concen: 981.62 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

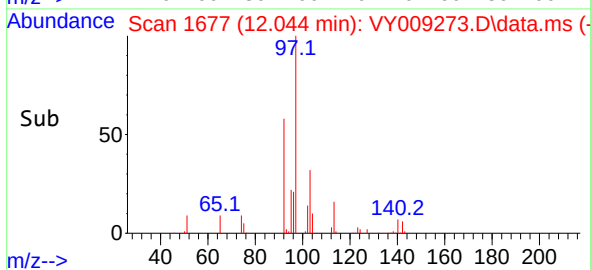
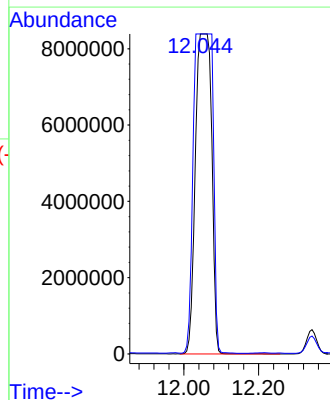
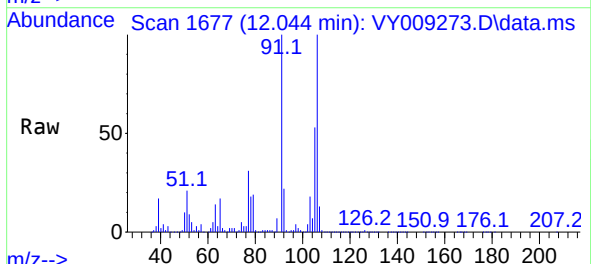
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

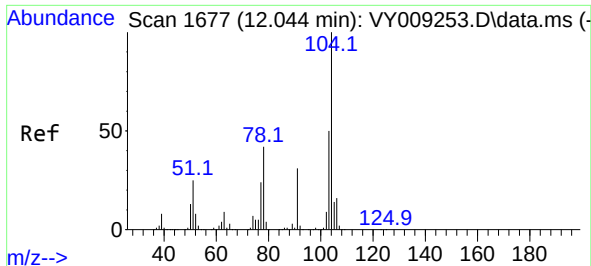
Tgt Ion:106 Resp: 3846835
Ion Ratio Lower Upper
106 100
91 77.1 166.6 249.8#



#69
o-Xylene
Concen: 6730.31 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion:106 Resp:25082102
Ion Ratio Lower Upper
106 100
91 0.0 110.3 331.0#

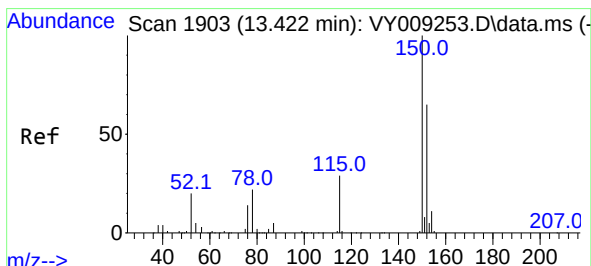
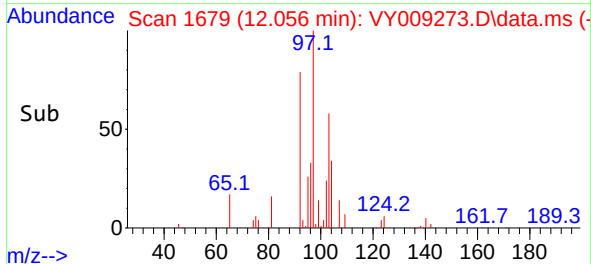
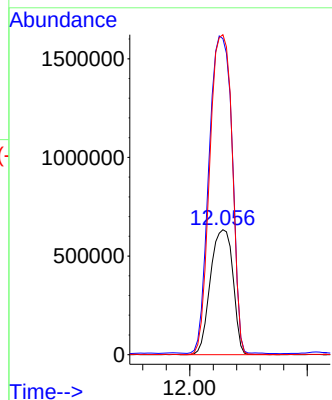
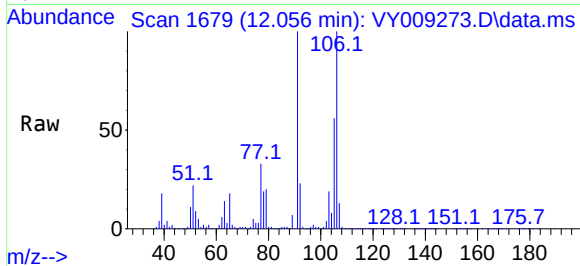




#70
Styrene
Concen: 272.34 ug/l
RT: 12.056 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

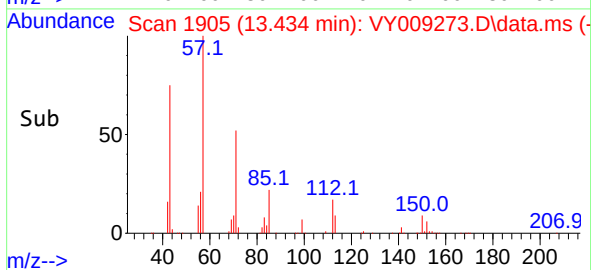
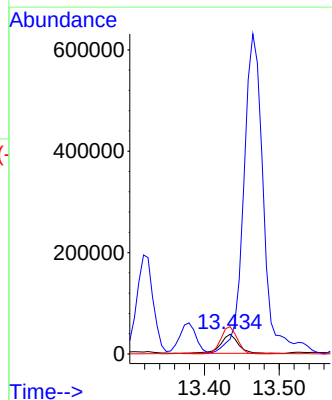
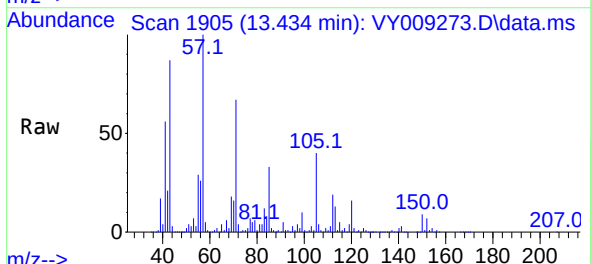
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

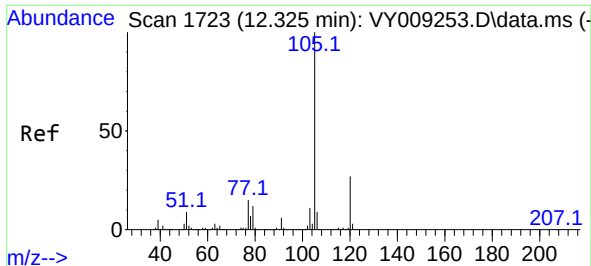
Tgt Ion:104 Resp: 1683160
Ion Ratio Lower Upper
104 100
78 259.8 42.4 63.6#
103 254.4 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion:152 Resp: 61854
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 131.4 0.0 347.6

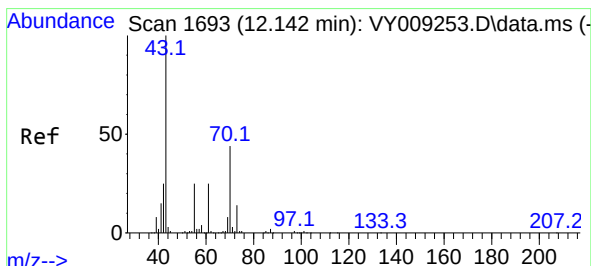
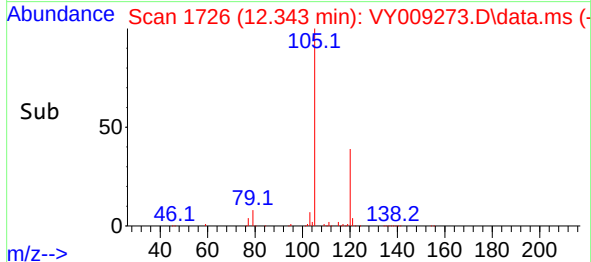
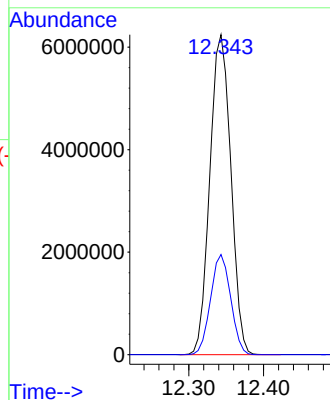
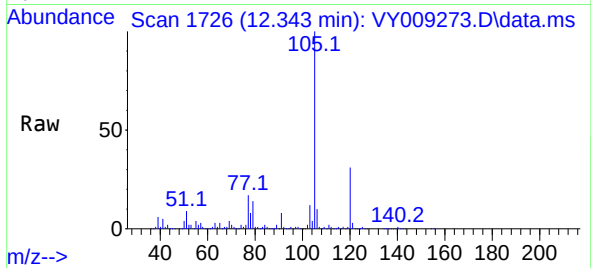




#73
Isopropylbenzene
Concen: 2514.15 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

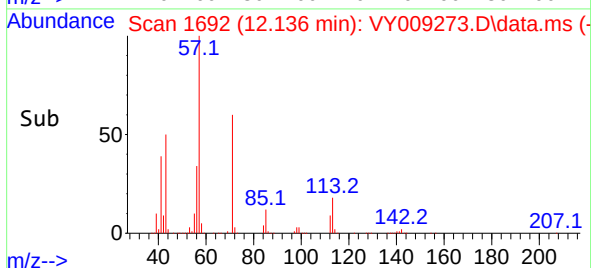
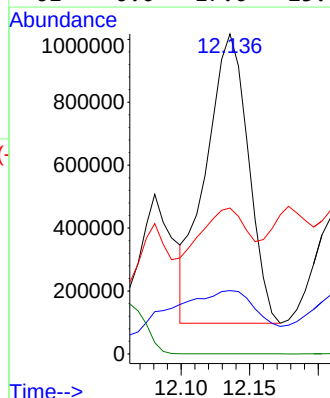
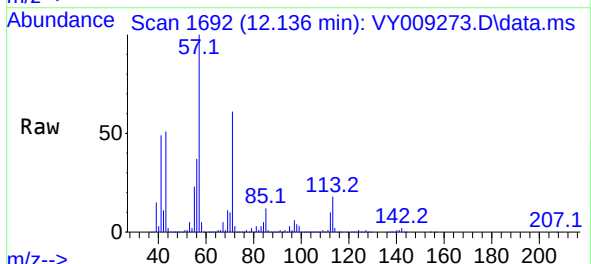
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

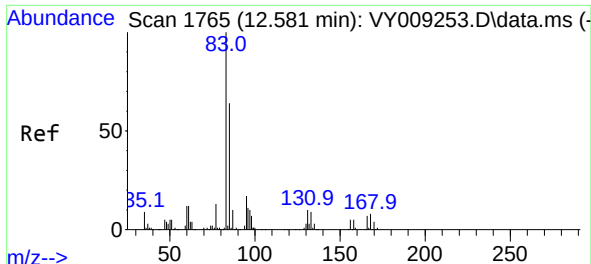
Tgt Ion:105 Resp:12200189
Ion Ratio Lower Upper
105 100
120 30.0 13.4 40.2



#74
N-ethyl acetate
Concen: 1527.25 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 43 Resp: 1979635
Ion Ratio Lower Upper
43 100
70 29.3 28.7 43.1
55 16.6 17.3 25.9#
61 0.0 17.0 25.6#

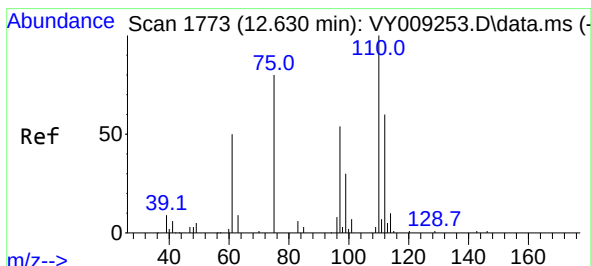
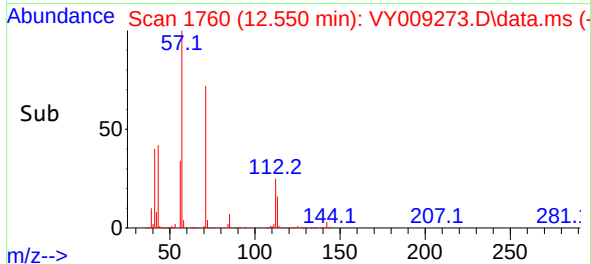
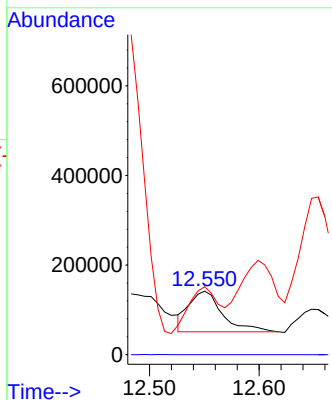
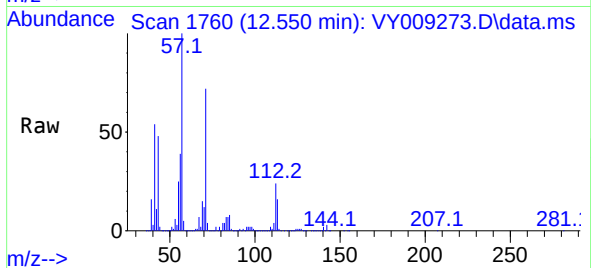




#75
1,1,2,2-Tetrachloroethane
Concen: 209.84 ug/l
RT: 12.550 min Scan# 1765
Delta R.T. -0.031 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

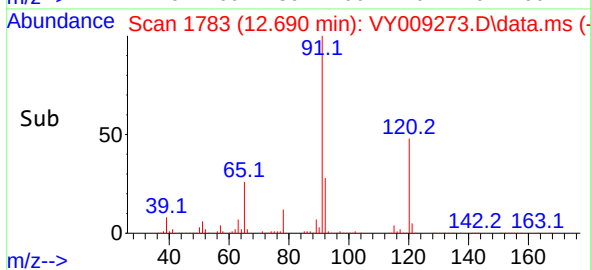
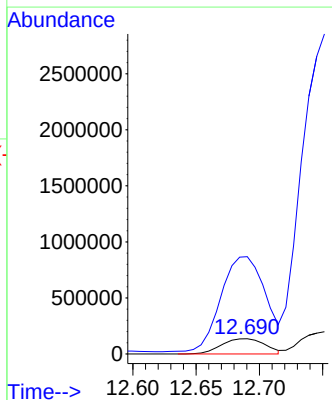
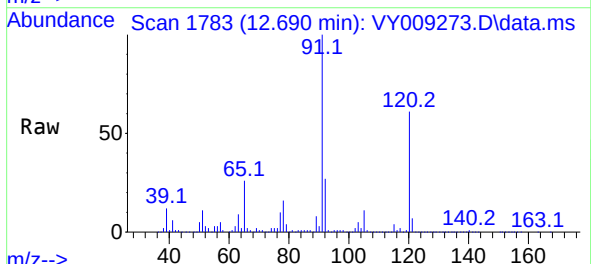
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

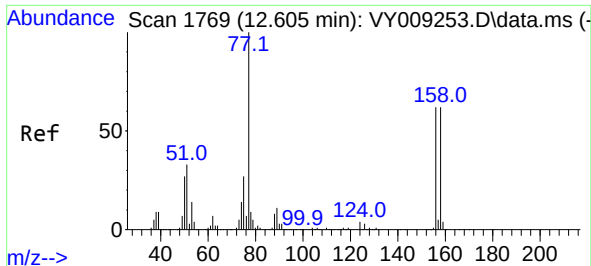
Tgt Ion: 83 Resp: 193742
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 103.9 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 444.44 ug/l
RT: 12.690 min Scan# 1783
Delta R.T. 0.060 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 75 Resp: 322294
Ion Ratio Lower Upper
75 100
77 643.7 0.0 0.0#

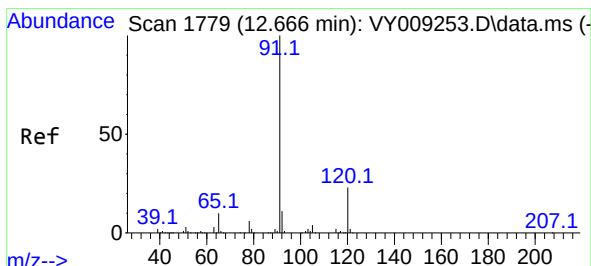
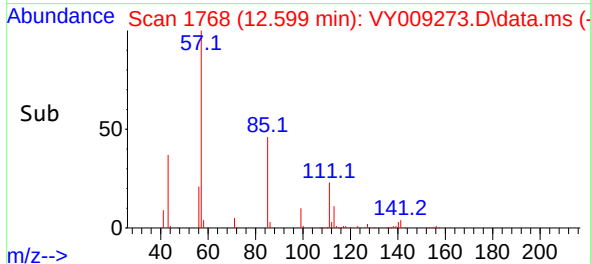
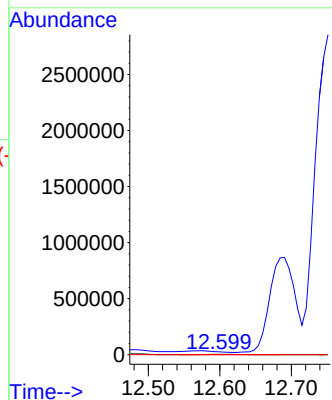
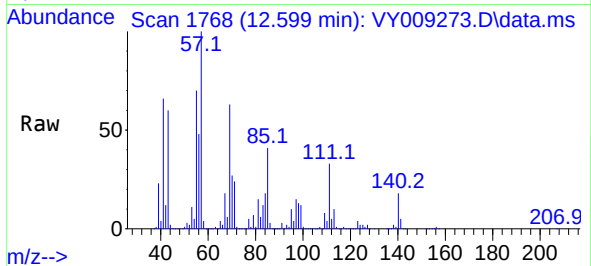




#77
Bromobenzene
Concen: 9.07 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

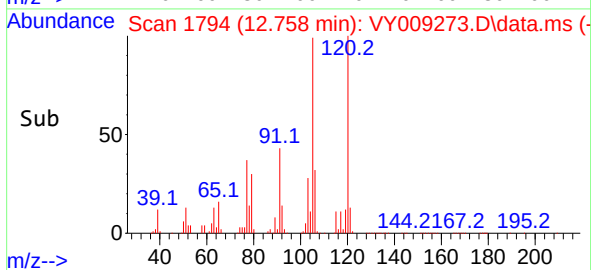
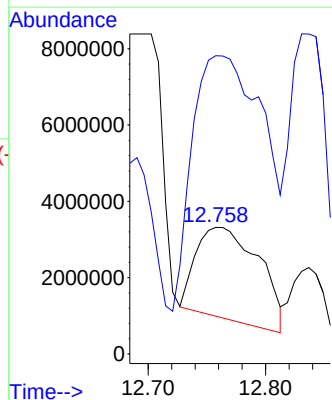
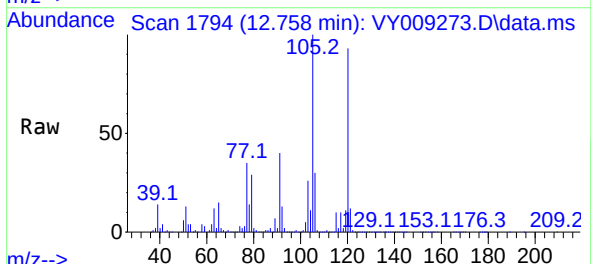
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

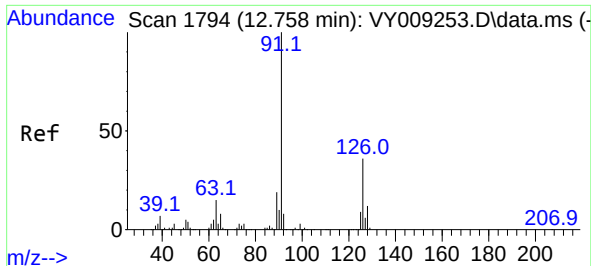
Tgt Ion:156 Resp: 10691
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.0 48.0 144.0#



#78
n-propylbenzene
Concen: 1516.92 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.091 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 91 Resp: 8869276
Ion Ratio Lower Upper
91 100
120 388.7 11.3 33.9#

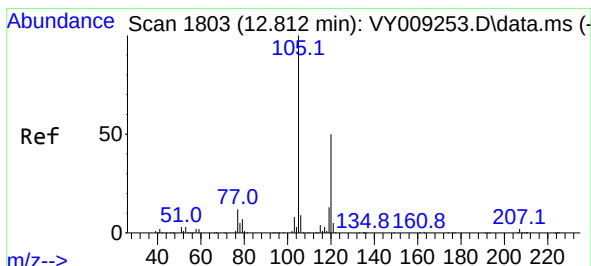
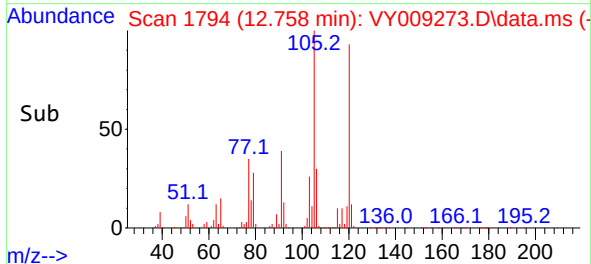
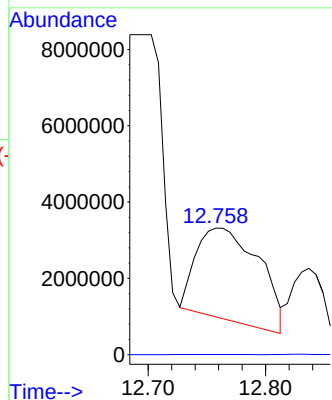
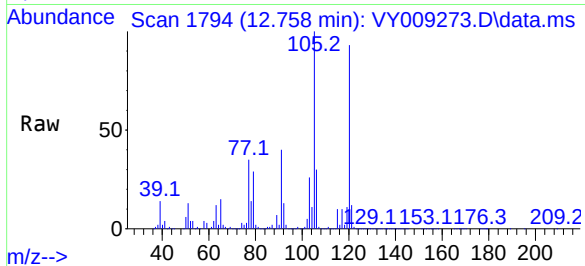




#79
2-Chlorotoluene
Concen: 2693.07 ug/l
RT: 12.758 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

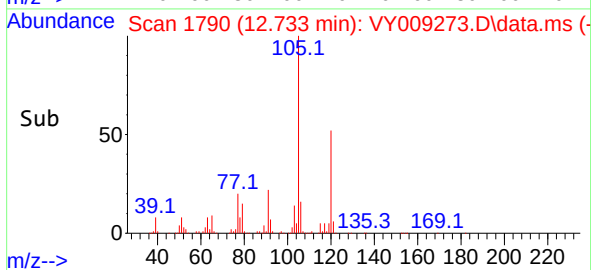
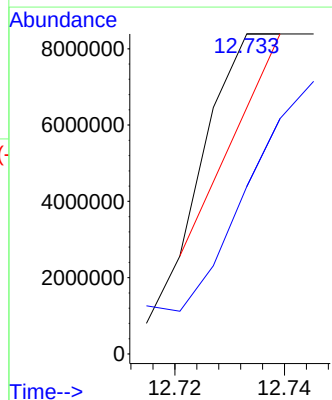
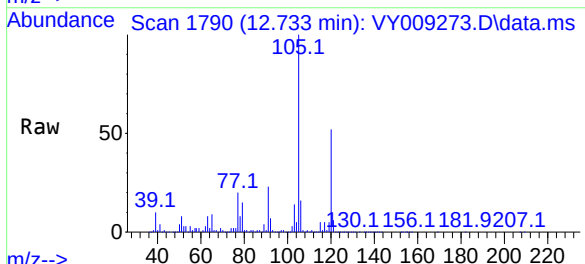
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

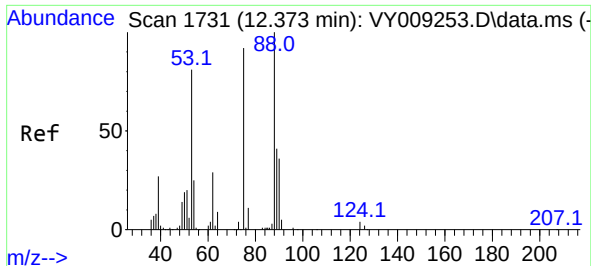
Tgt Ion: 91 Resp: 8869276
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#80
1,3,5-Trimethylbenzene
Concen: 806.40 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.079 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 105 Resp: 3248594
Ion Ratio Lower Upper
105 100
120 0.0 24.4 73.4#

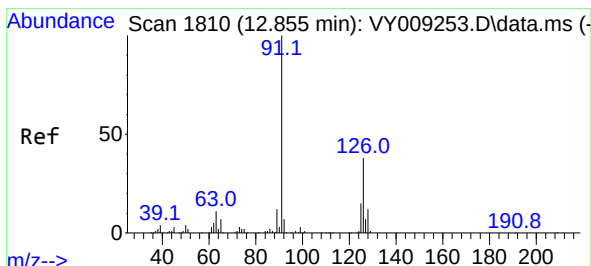
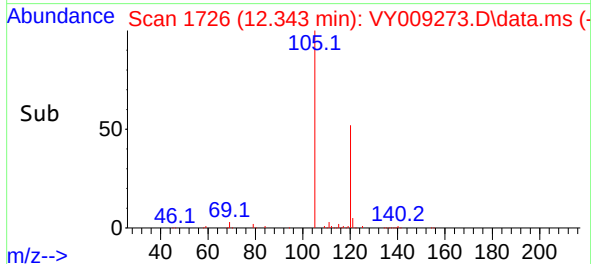
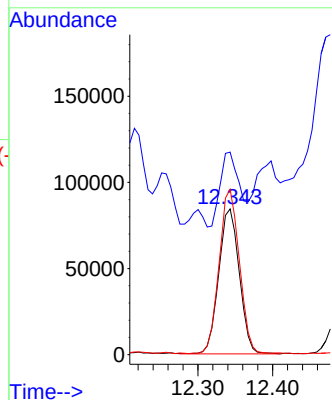
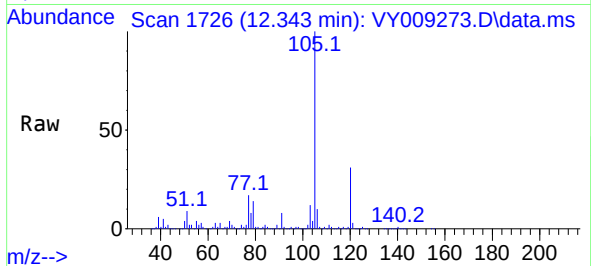




#81
trans-1,4-Dichloro-2-butene
Concen: 471.16 ug/l
RT: 12.343 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

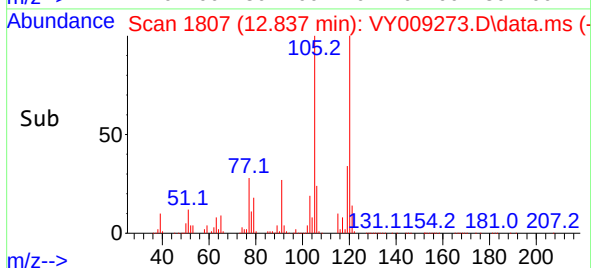
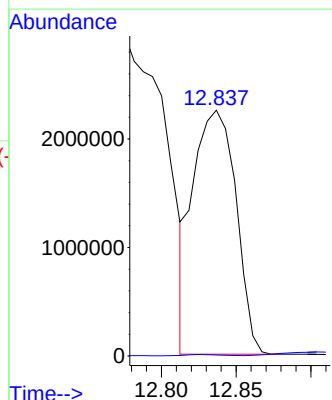
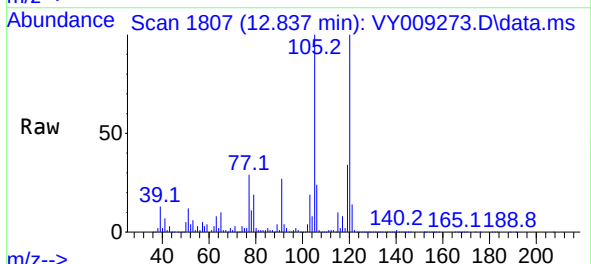
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

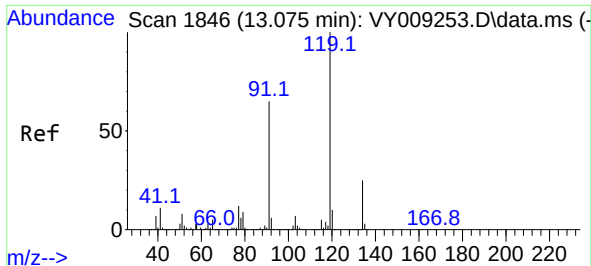
Tgt Ion: 75 Resp: 161144
Ion Ratio Lower Upper
75 100
53 54.5 85.3 127.9#
89 112.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 1300.92 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. -0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 91 Resp: 4468728
Ion Ratio Lower Upper
91 100
126 0.4 17.0 51.0#

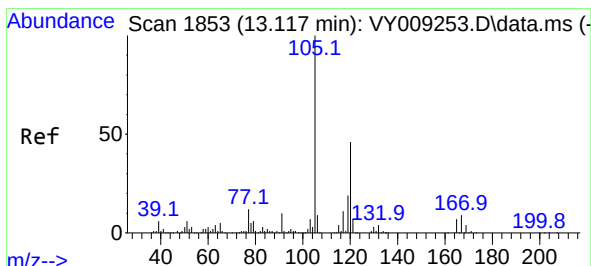
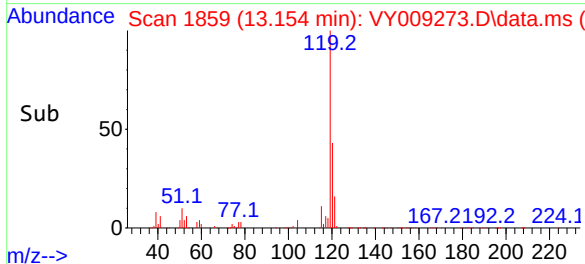
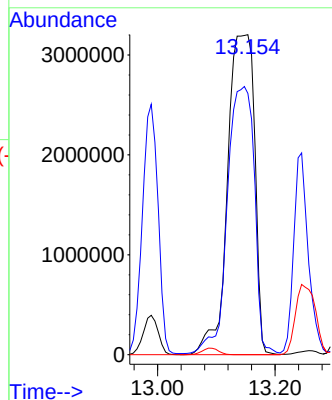
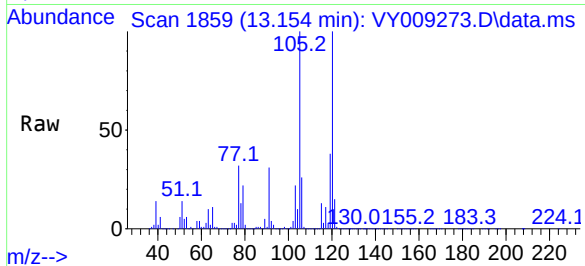




#83
tert-Butylbenzene
Concen: 2914.15 ug/l
RT: 13.154 min Scan# 1859
Delta R.T. 0.079 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

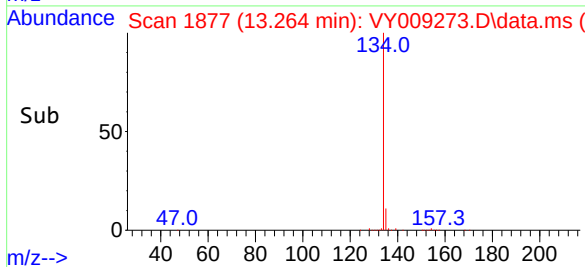
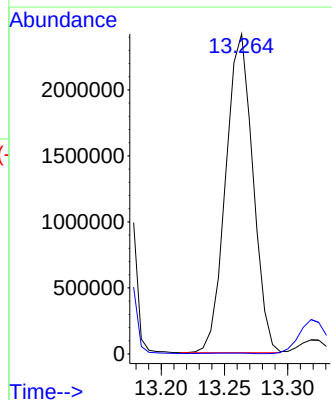
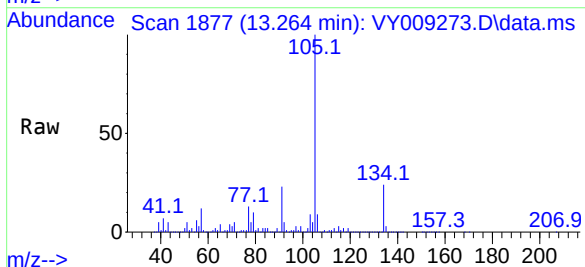
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

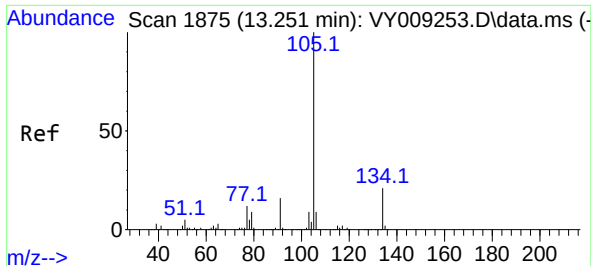
Tgt Ion:119 Resp:10238317
Ion Ratio Lower Upper
119 100
91 82.8 34.8 104.4
134 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 912.44 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.146 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion:105 Resp: 3602086
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9#

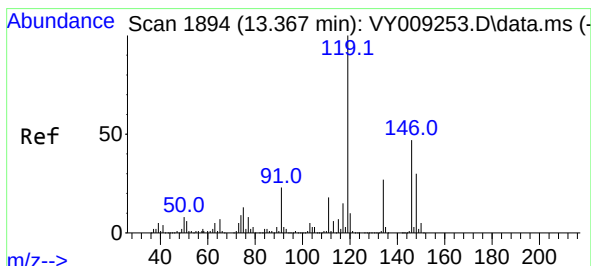
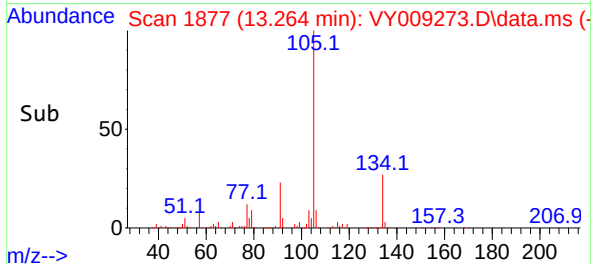
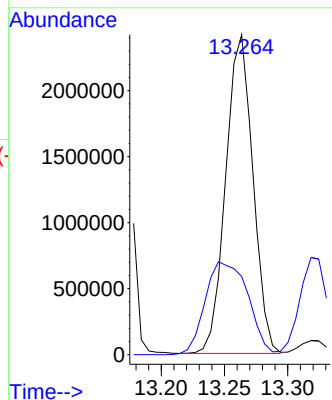
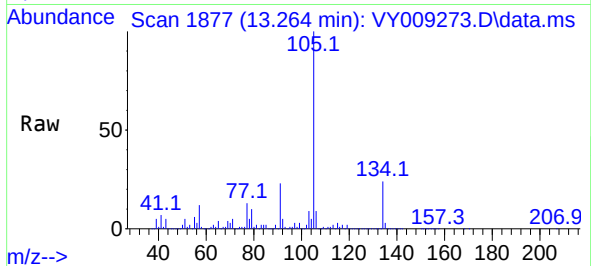




#85
 sec-Butylbenzene
 Concen: 684.90 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.013 min
 Lab File: VY009273.D
 Acq: 22 Jun 2022 14:48

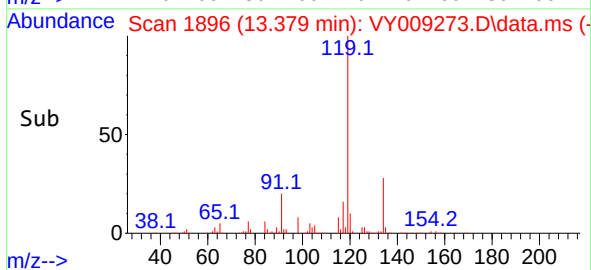
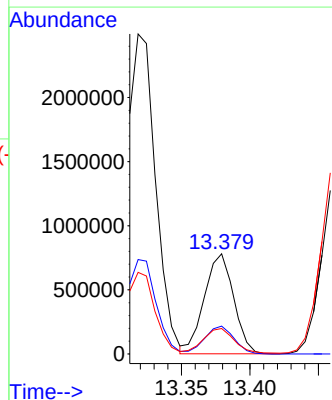
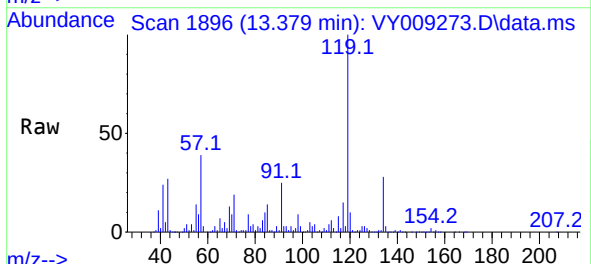
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2201-27.5

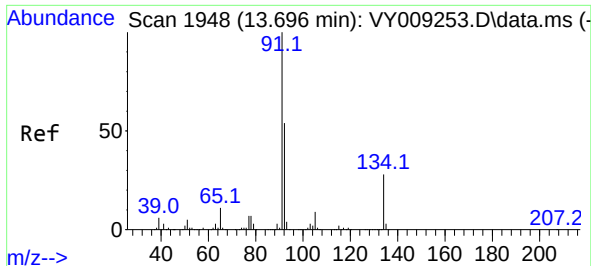
Tgt Ion:105 Resp: 3602086
 Ion Ratio Lower Upper
 105 100
 134 45.7 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 266.55 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.012 min
 Lab File: VY009273.D
 Acq: 22 Jun 2022 14:48

Tgt Ion:119 Resp: 1165124
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.2 39.5
 91 25.5 12.4 37.2

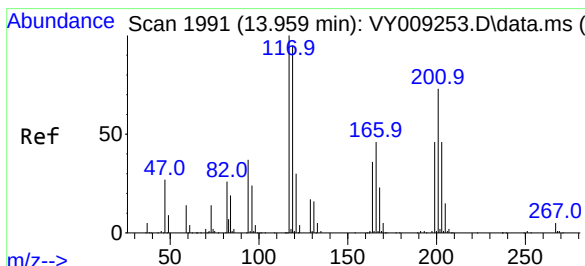
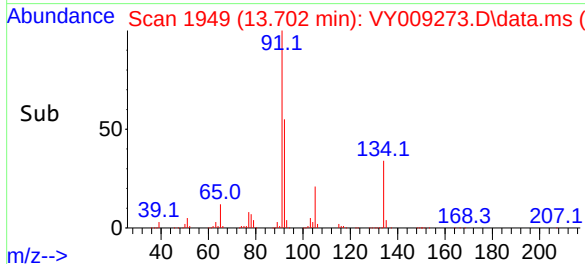
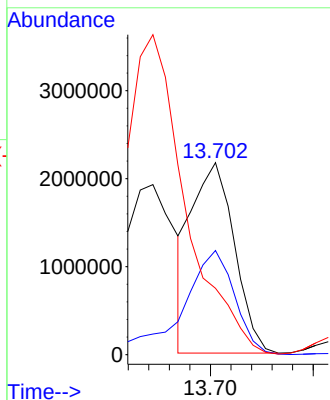
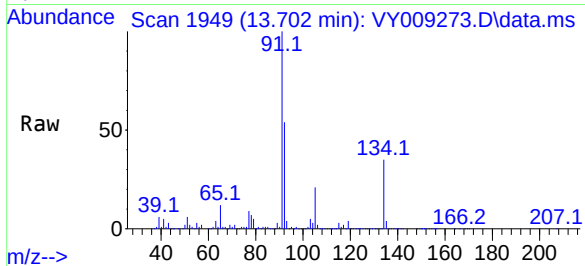




#89
n-Butylbenzene
Concen: 766.28 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

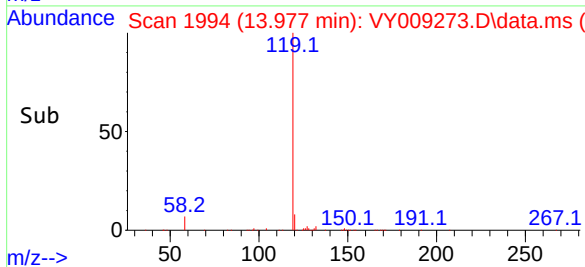
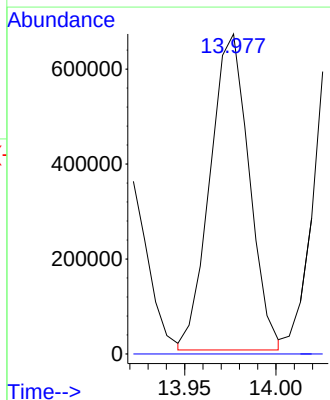
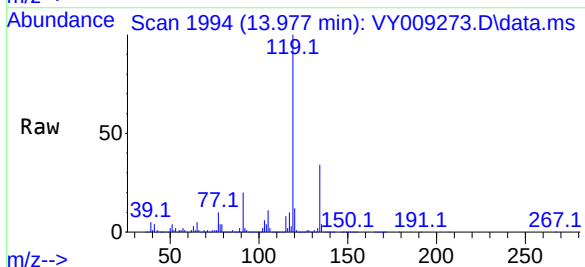
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

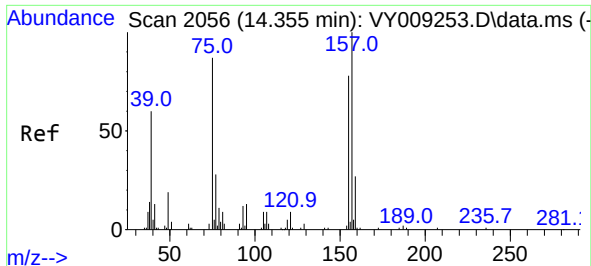
Tgt Ion: 91 Resp: 3119313
Ion Ratio Lower Upper
91 100
92 66.6 26.3 78.9
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 1193.55 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 117 Resp: 989644
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

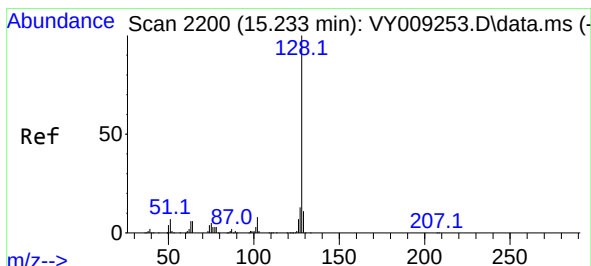
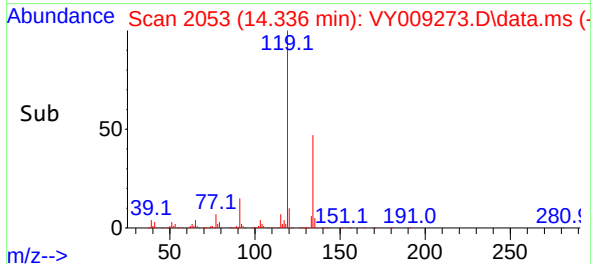
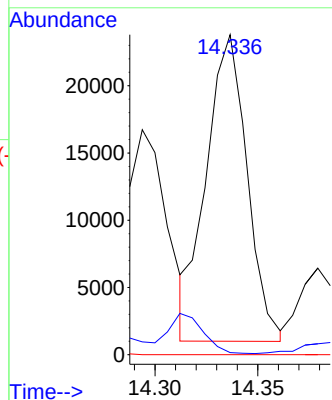
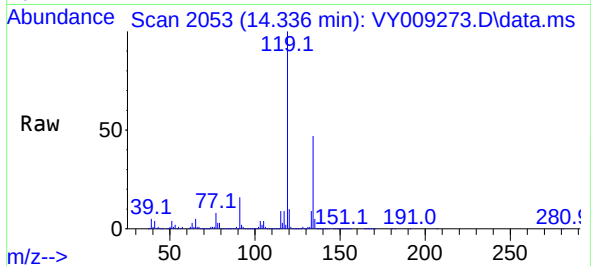




#92
1,2-Dibromo-3-Chloropropane
Concen: 191.21 ug/l
RT: 14.336 min Scan# 2056
Delta R.T. -0.019 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

Tgt Ion: 75 Resp: 31445
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#



#95
Naphthalene
Concen: 1046.08 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion:128 Resp: 2628102
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.1 8.4 12.6

