

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008271.D
 Acq On : 11 Apr 2022 14:32
 Operator : KP/MD
 Sample : N2328-04
 Misc : 2.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 12 06:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200370	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	340877	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70878	42.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.960%
35) Dibromofluoromethane	7.722	113	82208	53.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.820%
50) Toluene-d8	10.179	98	810998	155.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	310.840%#
62) 4-Bromofluorobenzene	12.483	95	553646	282.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	564.160%#

Target Compounds						Qvalue
3) Chloromethane	2.107	50	475	Below Cal	#	81
5) Bromomethane	2.668	94	248	Below Cal		93
10) Methyl Iodide	4.094	142	79	2.426	ug/l #	35
11) Tert butyl alcohol	4.960	59	424	2.377	ug/l #	77
13) Acrolein	3.942	56	5704	40.608	ug/l #	76
14) Allyl chloride	4.570	41	2678	1.171	ug/l #	61
15) Acrylonitrile	5.241	53	14129	26.544	ug/l #	40
16) Acetone	3.942	43	21587	53.785	ug/l #	86
17) Carbon Disulfide	4.198	76	5572	1.205	ug/l	95
20) Methylene Chloride	4.722	84	5066	Below Cal	#	28
25) 2-Butanone	6.984	43	12310	19.615	ug/l #	78
26) 2,2-Dichloropropane	6.795	77	7063	2.215	ug/l #	55
30) Chloroform	7.472	83	9398	2.430	ug/l #	21
31) Cyclohexane	7.789	56	1180720	391.294	ug/l #	73
36) 1,1-Dichloropropene	7.789	75	11513	4.728	ug/l #	1
37) Ethyl Acetate	6.984	43	12310	9.804	ug/l #	74
38) Carbon Tetrachloride	7.789	117	16219	6.191	ug/l #	15
39) Methylcyclohexane	9.185	83	7054367	2251.422	ug/l #	80
40) Benzene	8.161	78	23049	3.178	ug/l	95
41) Methacrylonitrile	7.350	41	2925	4.164	ug/l #	1
42) 1,2-Dichloroethane	8.283	62	2717	1.291	ug/l #	1
43) Isopropyl Acetate	8.271	43	138999	59.646	ug/l #	57
45) 1,2-Dichloropropane	9.185	63	55402	31.274	ug/l #	1
48) Methyl methacrylate	9.246	41	167552	169.131	ug/l #	39
49) 1,4-Dioxane	9.185	88	75	4.957	ug/l #	1
51) 4-Methyl-2-Pentanone	10.118	43	73384	60.984	ug/l #	81
52) Toluene	10.246	92	32843	6.874	ug/l	88
55) 1,1,2-Trichloroethane	10.624	97	1673514	1000.598	ug/l #	22
56) Ethyl methacrylate	10.526	69	481586	234.857	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.758	63	2490	3.083	ug/l #	48
59) 2-Hexanone	10.813	43	3602121	4350.339	ug/l #	35
60) Dibromochloromethane	11.215	129	13879	7.104	ug/l	96
61) 1,2-Dibromoethane	11.093	107	3531	2.159	ug/l #	3
65) Chlorobenzene	11.422	112	25031	5.760	ug/l #	44
67) Ethyl Benzene	11.599	91	76330	10.329	ug/l	98
68) m/p-Xylenes	11.715	106	9829	3.345	ug/l #	1

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

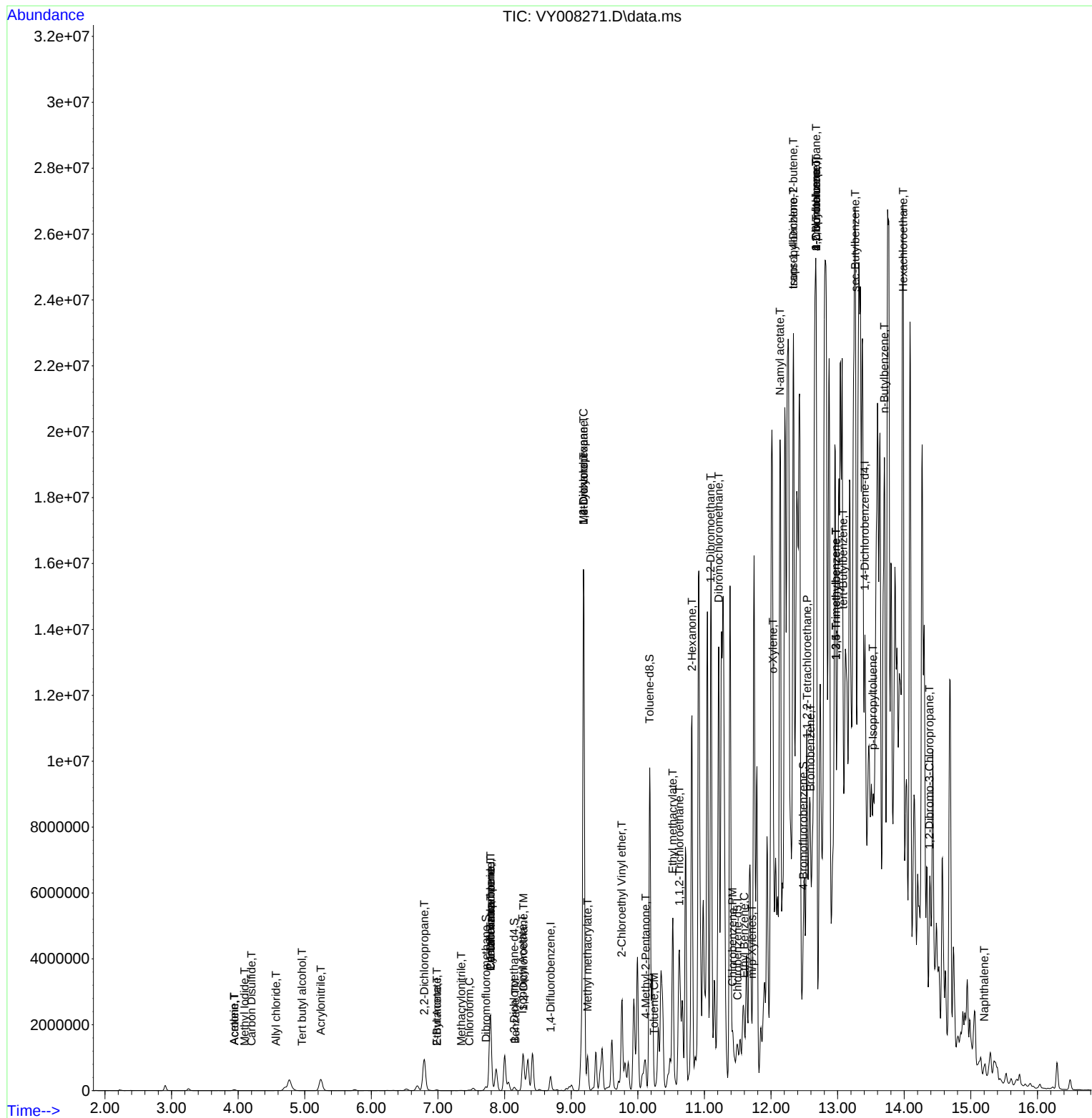
69) o-Xylene	12.032	106	83135	29.150	ug/l	59
73) Isopropylbenzene	12.337	105	10382130	409.656	ug/l	91
74) N-amyl acetate	12.136	43	3012249	547.457	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.544	83	196383	36.621	ug/l #	79
76) 1,2,3-Trichloropropane	12.678	75	84854	22.508	ug/l #	100
77) Bromobenzene	12.593	156	10509	1.692	ug/l #	1
78) n-propylbenzene	12.678	91	13295015	444.567	ug/l	83
79) 2-Chlorotoluene	12.678	91	13295015	792.158	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.977	105	854250	41.106	ug/l	75
81) trans-1,4-Dichloro-2-b...	12.337	75	107104	63.565	ug/l #	64
82) 4-Chlorotoluene	12.678	91	13295015	770.843	ug/l #	41
83) tert-Butylbenzene	13.081	119	479478	25.719	ug/l	95
84) 1,2,4-Trimethylbenzene	12.977	105	854250	41.537	ug/l	81
85) sec-Butylbenzene	13.264	105	10340164	374.110	ug/l #	76
86) p-Isopropyltoluene	13.532	119	1044609	45.290	ug/l	93
89) n-Butylbenzene	13.702	91	6005946	288.211	ug/l #	85
90) Hexachloroethane	13.983	117	979311	227.172	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.379	75	7114	9.272	ug/l #	7
95) Naphthalene	15.202	128	16249	1.172	ug/l #	1

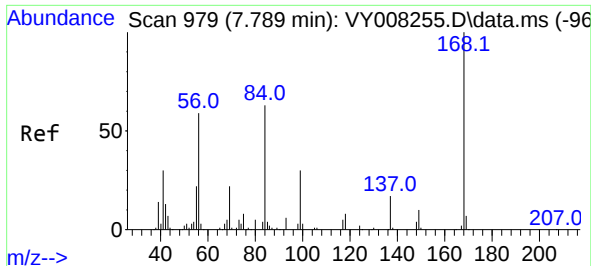
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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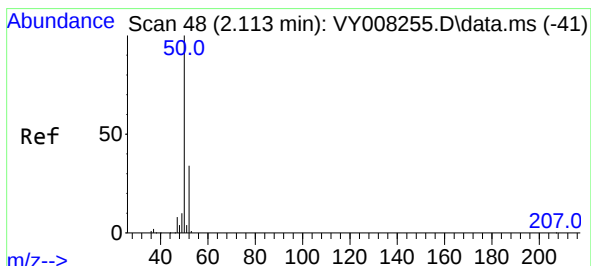
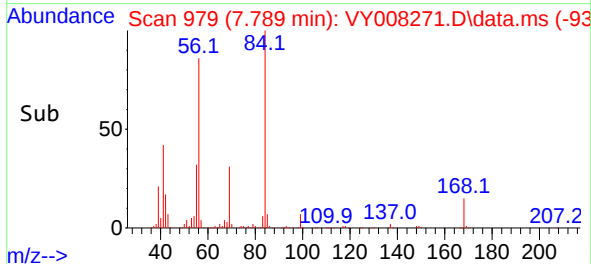
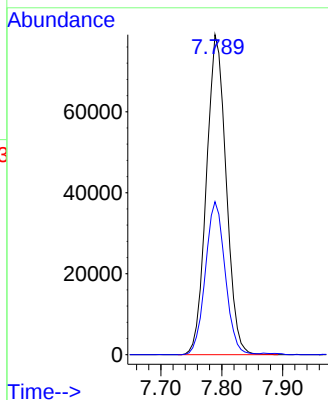
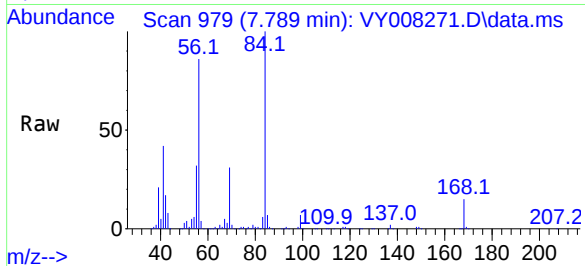




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008271.D
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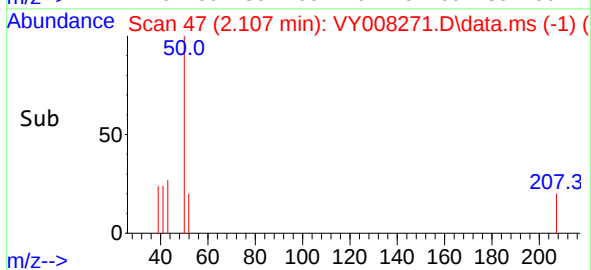
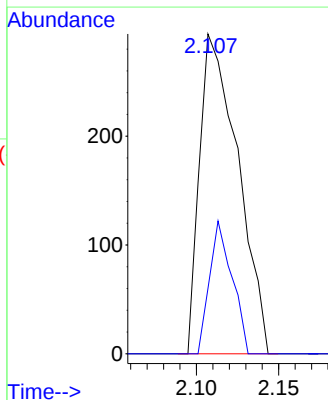
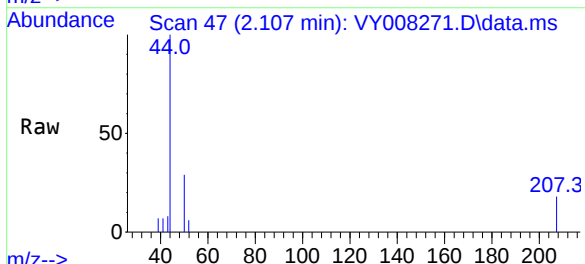
Instrument :
MSVOA_Y
ClientSampleId :

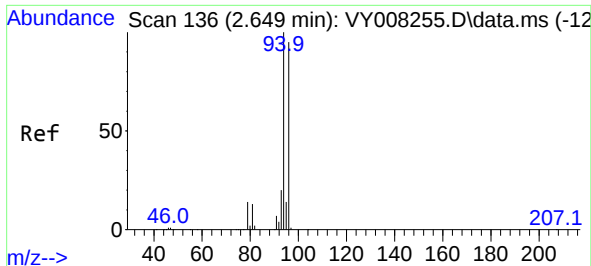
Tgt Ion:168 Resp: 177647
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 20.4 24.6 37.0#

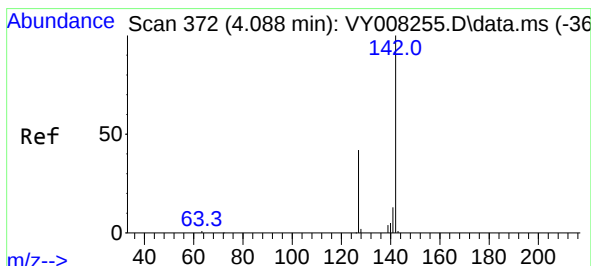
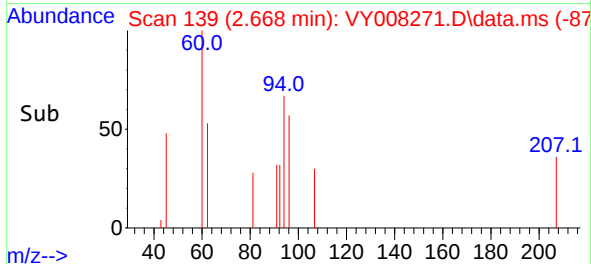
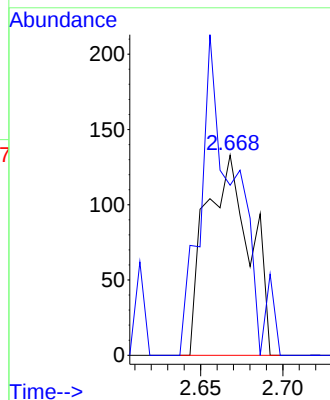
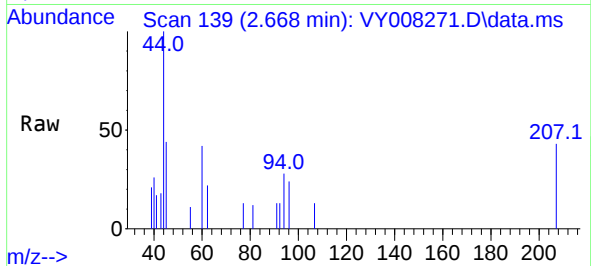




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

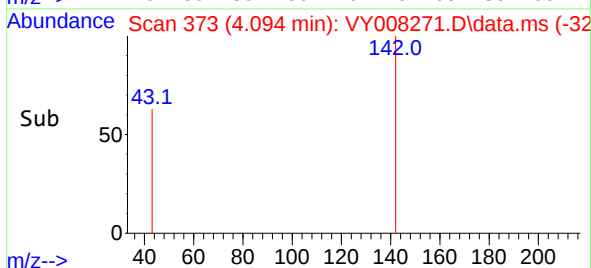
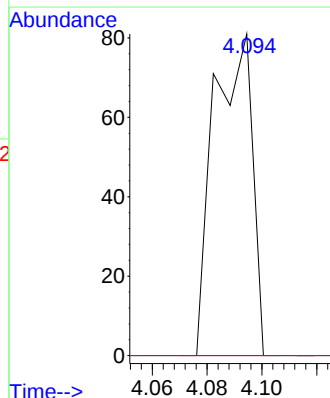
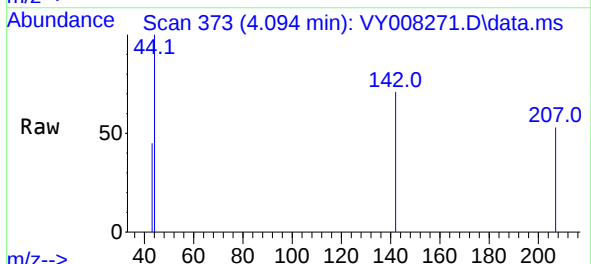
Instrument :
MSVOA_Y
ClientSampleId :

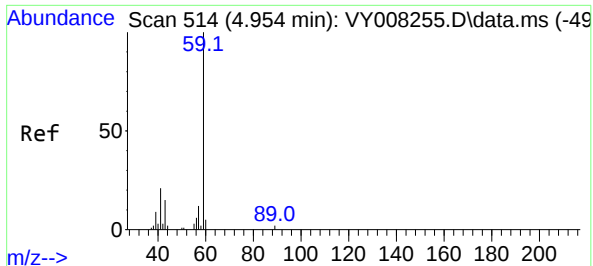
Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 85.0 73.5 110.3



#10
Methyl Iodide
Concen: 2.426 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 2.377 ug/l

RT: 4.960 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

Instrument :

MSVOA_Y

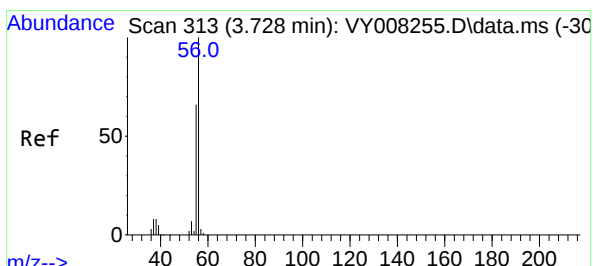
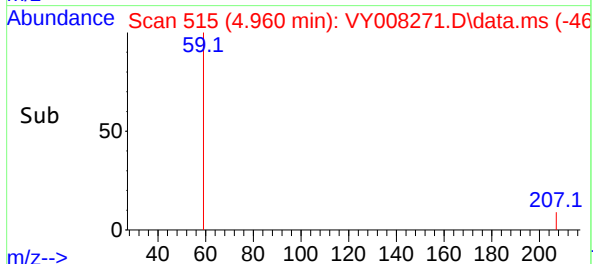
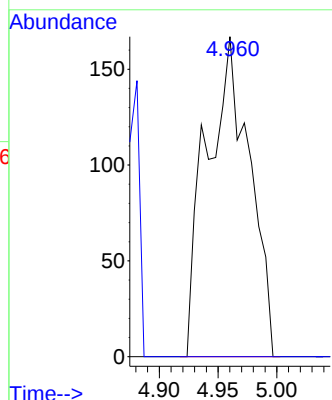
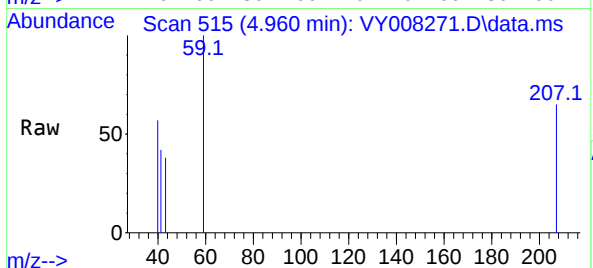
ClientSampleId :

Tgt Ion: 59 Resp: 424

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 40.608 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.214 min

Lab File: VY008271.D

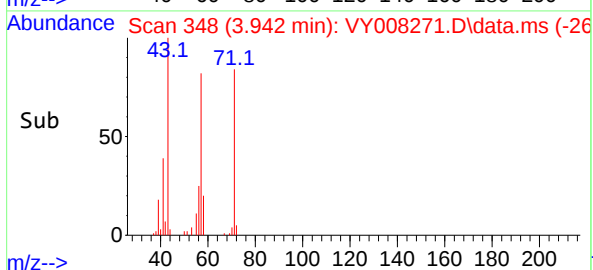
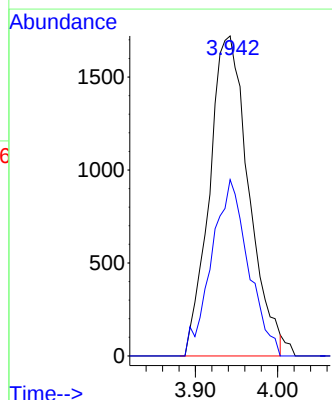
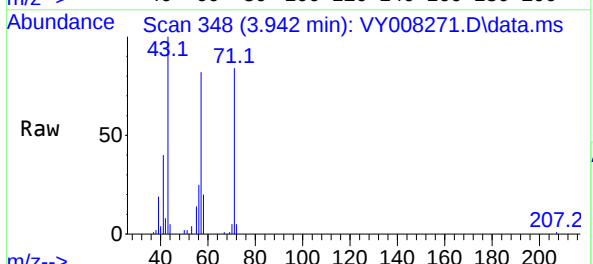
Acq: 11 Apr 2022 14:32

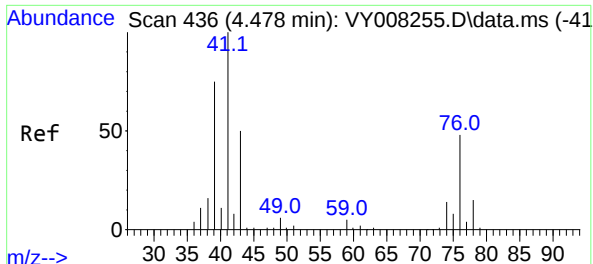
Tgt Ion: 56 Resp: 5704

Ion Ratio Lower Upper

56 100

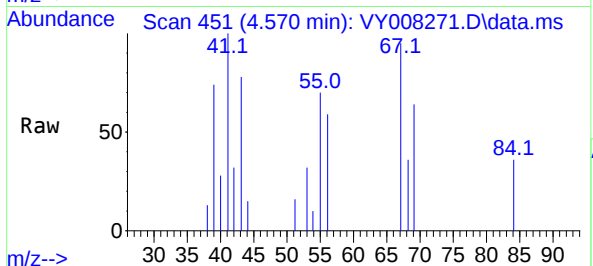
55 51.7 57.6 86.4#



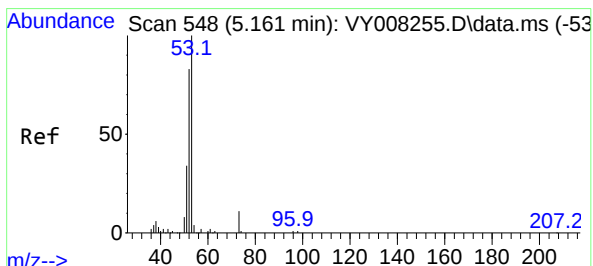
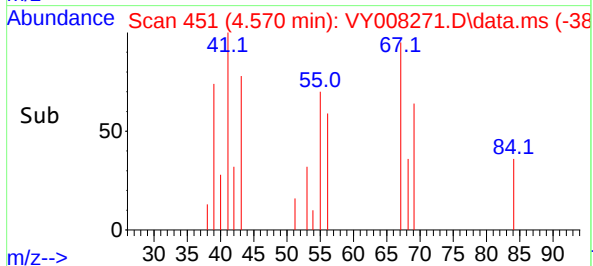
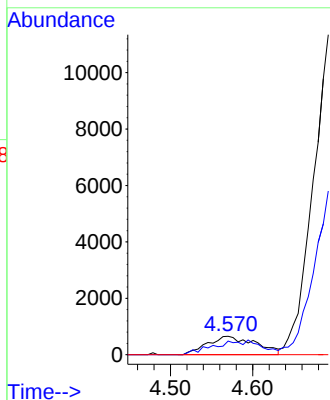


#14
 Allyl chloride
 Concen: 1.171 ug/l
 RT: 4.570 min Scan# 41
 Delta R.T. 0.092 min
 Lab File: VY008271.D
 Acq: 11 Apr 2022 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :

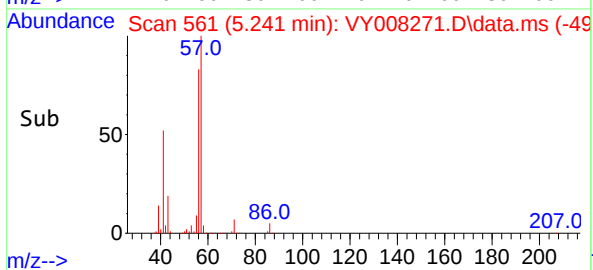
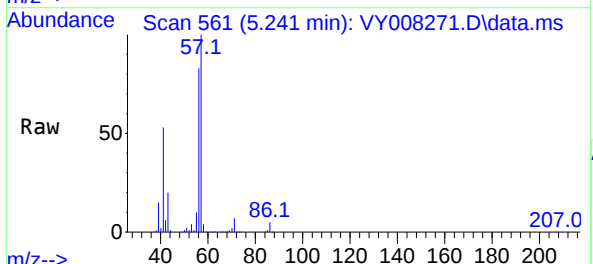
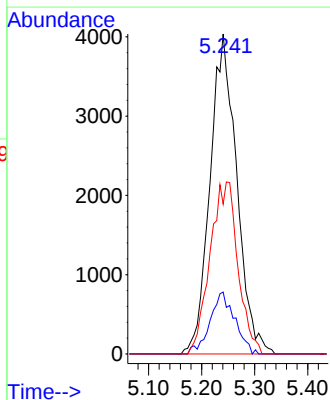


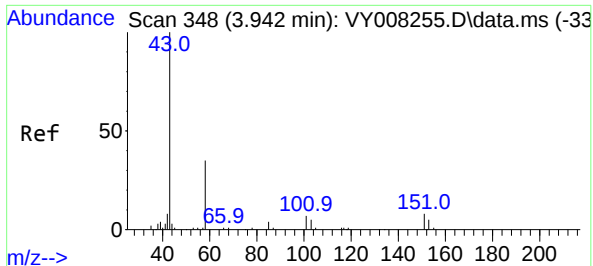
Tgt Ion: 41 Resp: 2678
 Ion Ratio Lower Upper
 41 100
 39 47.5 58.8 88.2#
 76 0.0 25.1 37.7#



#15
 Acrylonitrile
 Concen: 26.544 ug/l
 RT: 5.241 min Scan# 561
 Delta R.T. 0.080 min
 Lab File: VY008271.D
 Acq: 11 Apr 2022 14:32

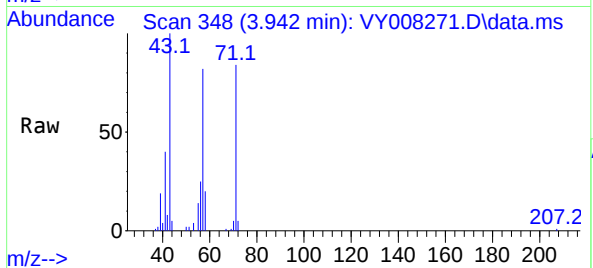
Tgt Ion: 53 Resp: 14129
 Ion Ratio Lower Upper
 53 100
 52 18.0 67.0 100.4#
 51 56.0 29.8 44.6#



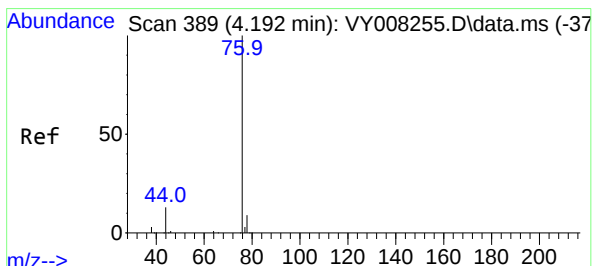
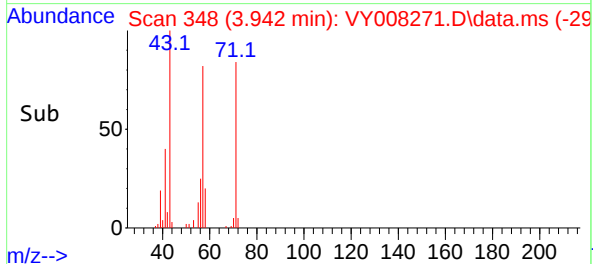
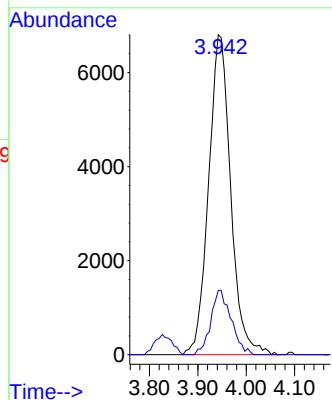


#16
Acetone
Concen: 53.785 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
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ClientSampleId :

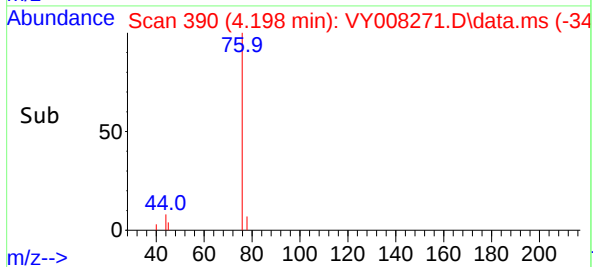
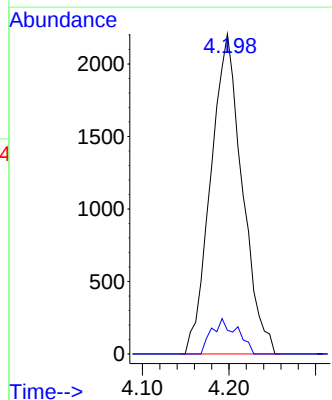
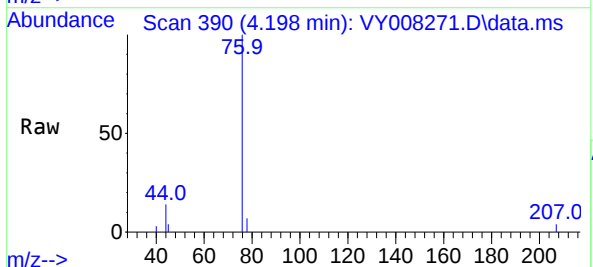


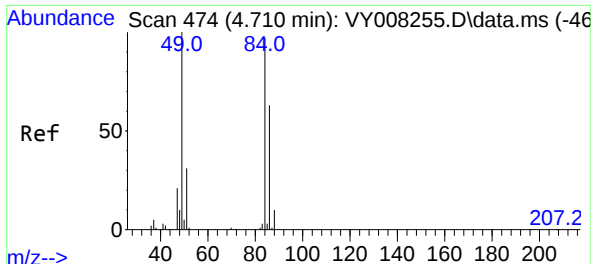
Tgt Ion: 43 Resp: 21587
Ion Ratio Lower Upper
43 100
58 20.1 22.0 33.0#



#17
Carbon Disulfide
Concen: 1.205 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

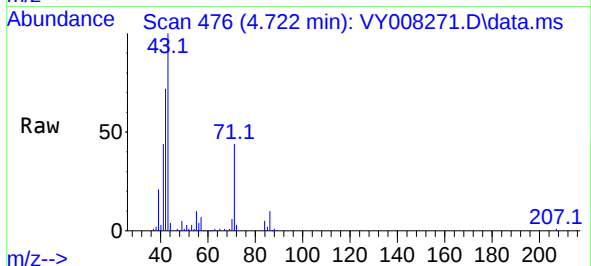
Tgt Ion: 76 Resp: 5572
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



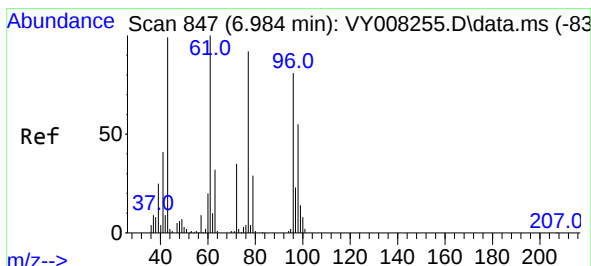
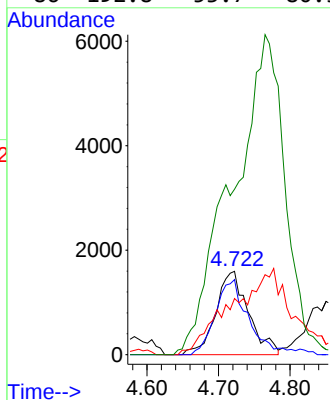
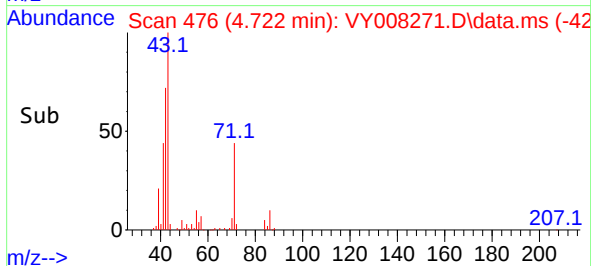


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

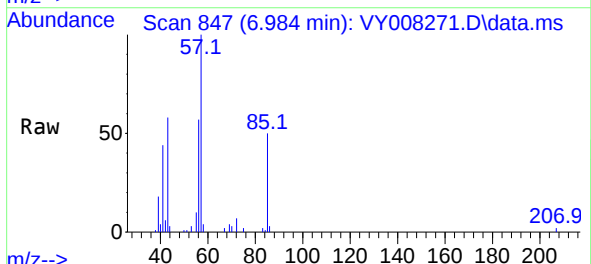
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ClientSampleId :



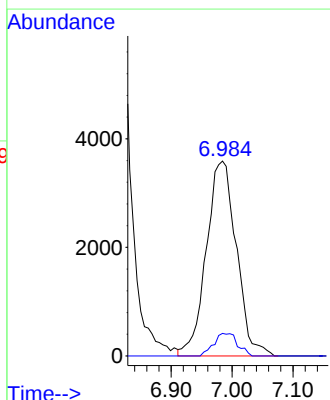
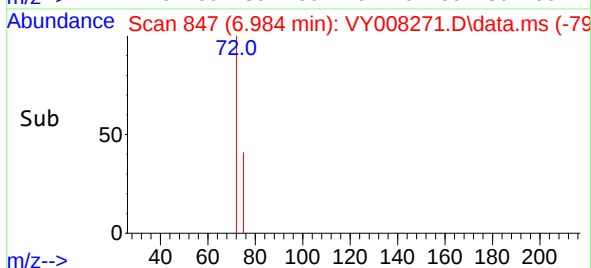
Tgt Ion: 84 Resp: 5066
Ion Ratio Lower Upper
84 100
49 90.0 114.4 171.6#
51 67.3 35.3 52.9#
86 192.8 53.7 80.5#

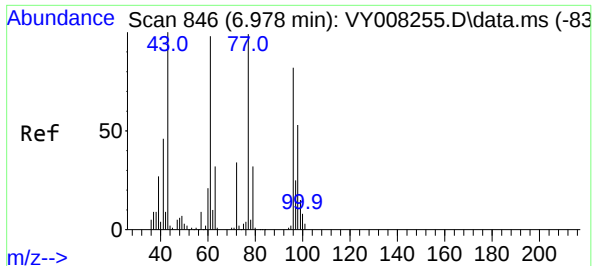


#25
2-Butanone
Concen: 19.615 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32



Tgt Ion: 43 Resp: 12310
Ion Ratio Lower Upper
43 100
72 11.6 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 2.215 ug/l

RT: 6.795 min Scan# 81

Delta R.T. -0.183 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

Instrument :

MSVOA_Y

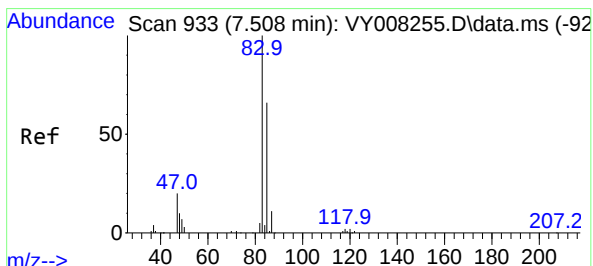
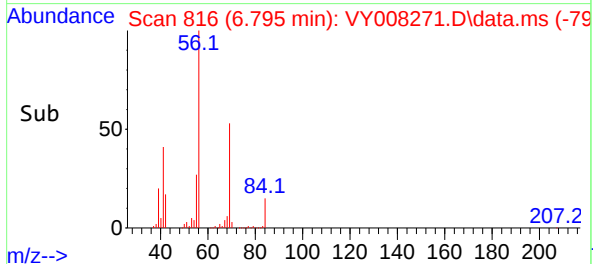
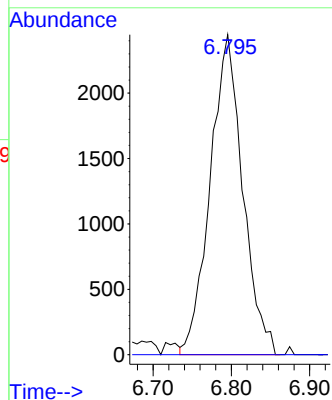
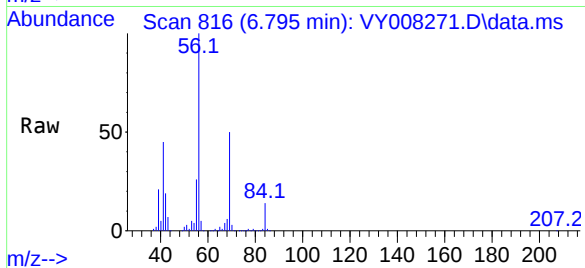
ClientSampleId :

Tgt Ion: 77 Resp: 7063

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#30

Chloroform

Concen: 2.430 ug/l

RT: 7.472 min Scan# 927

Delta R.T. -0.036 min

Lab File: VY008271.D

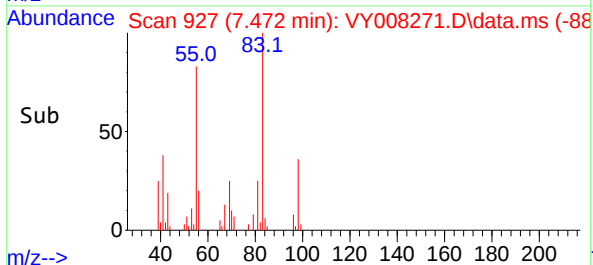
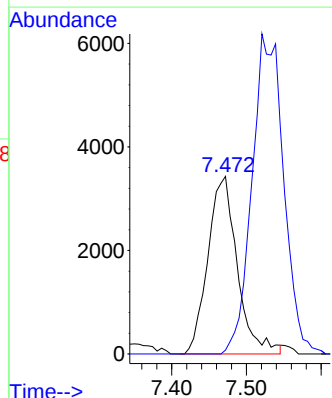
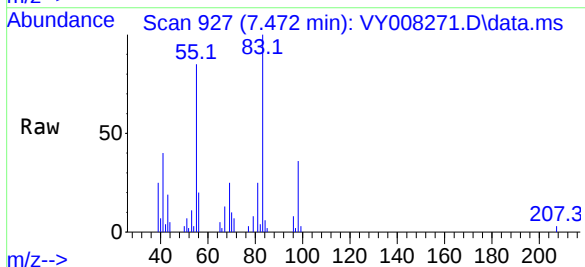
Acq: 11 Apr 2022 14:32

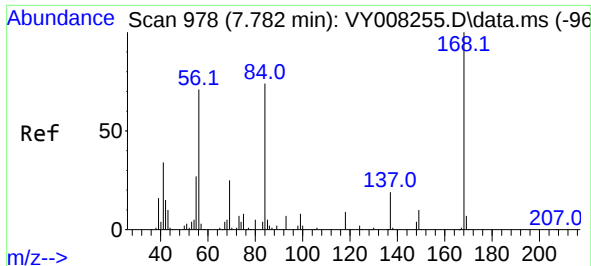
Tgt Ion: 83 Resp: 9398

Ion Ratio Lower Upper

83 100

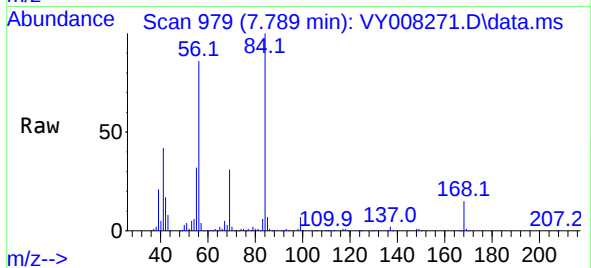
85 2.2 51.8 77.6#



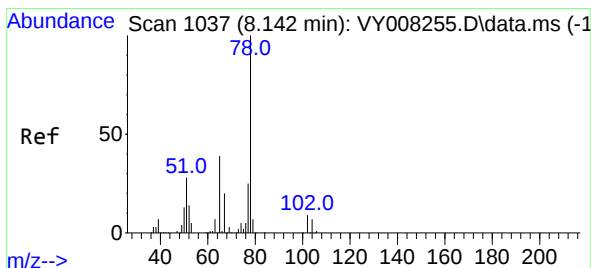
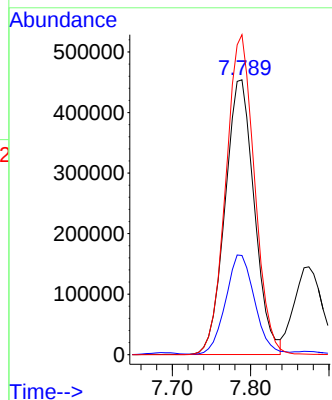
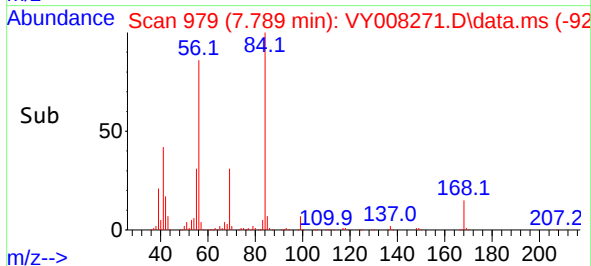


#31
Cyclohexane
Concen: 391.294 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :

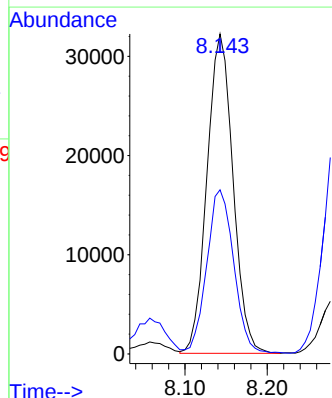
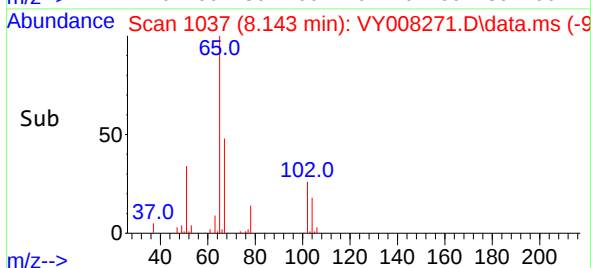
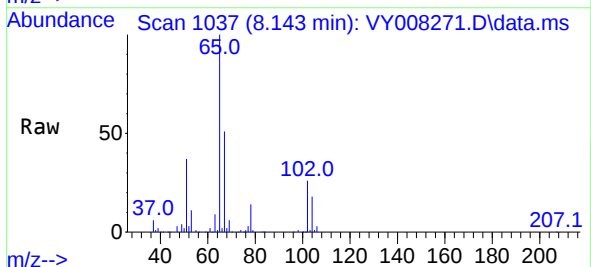


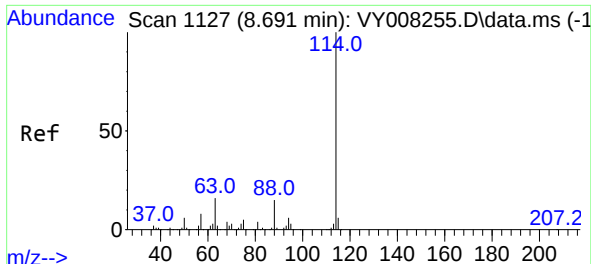
Tgt Ion: 56 Resp: 1180720
Ion Ratio Lower Upper
56 100
69 35.8 26.7 40.1
84 116.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 42.475 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 65 Resp: 70878
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

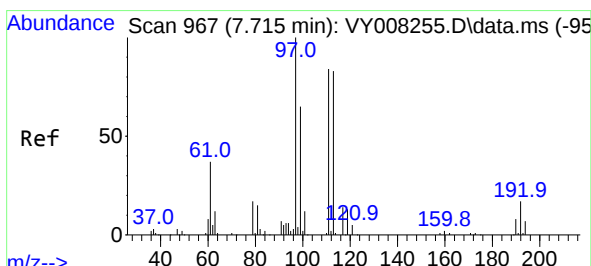
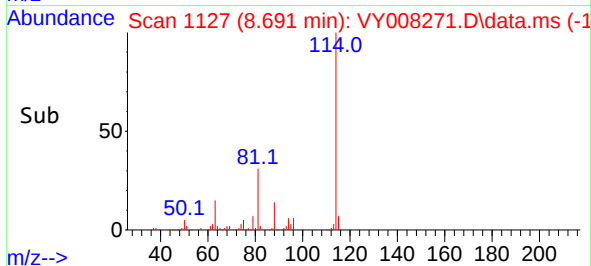
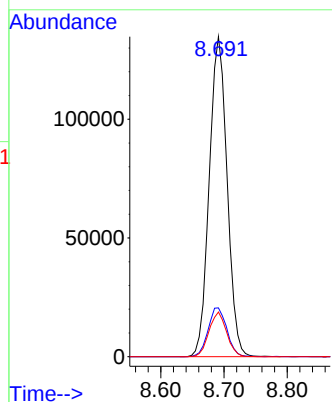
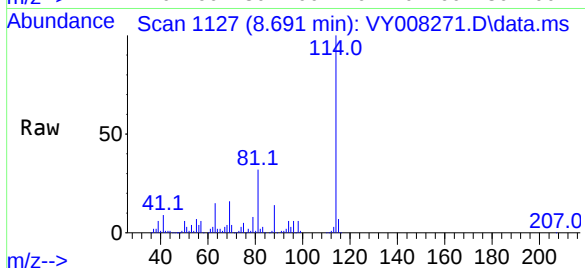
Tgt Ion:114 Resp: 264033

Ion Ratio Lower Upper

114 100

63 15.2 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.907 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

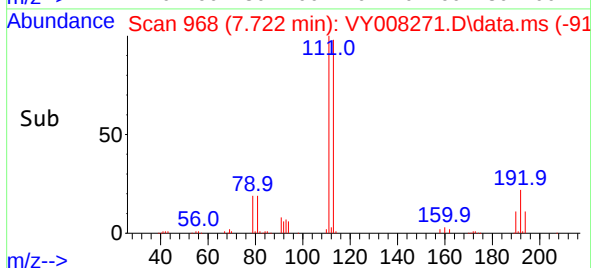
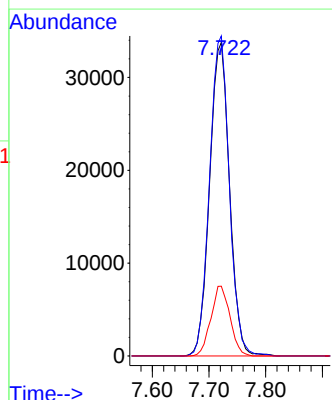
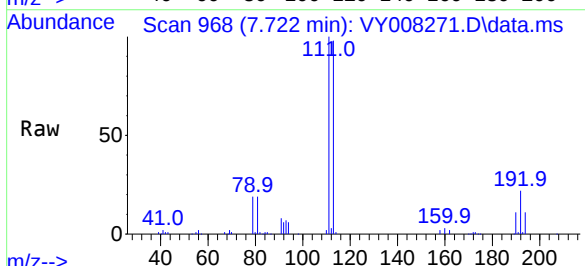
Tgt Ion:113 Resp: 82208

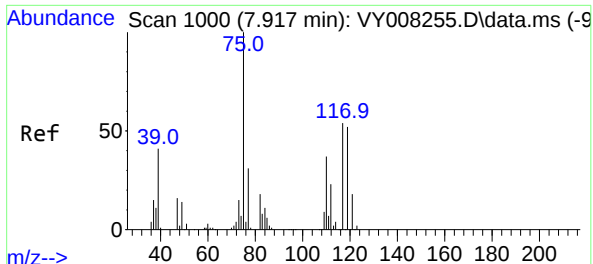
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 21.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.728 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

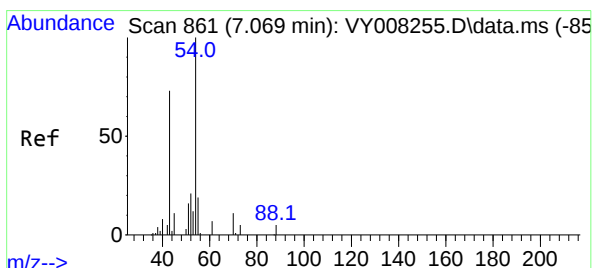
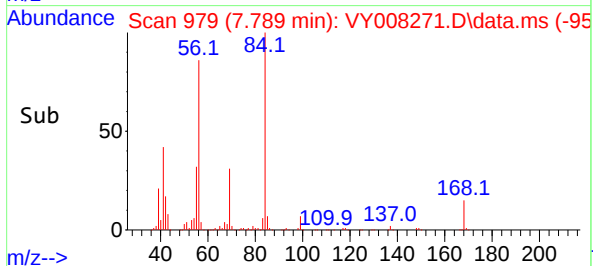
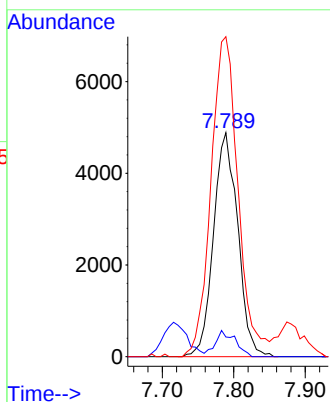
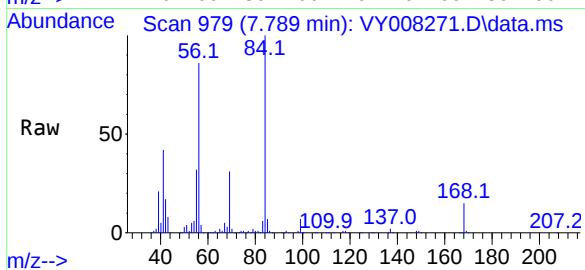
Tgt Ion: 75 Resp: 11513

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 159.8 24.4 36.6#



#37

Ethyl Acetate

Concen: 9.804 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.085 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

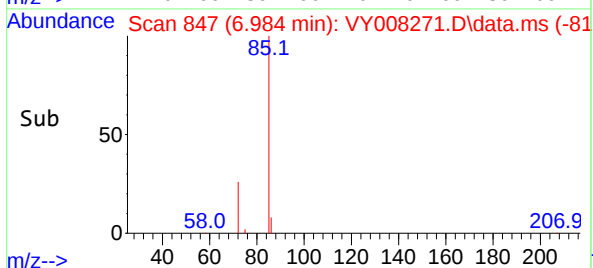
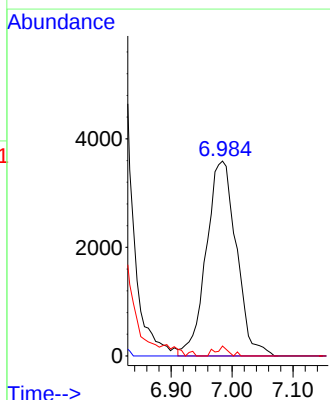
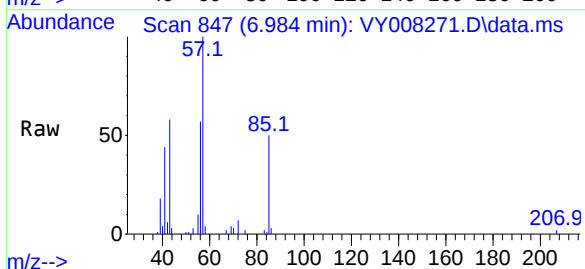
Tgt Ion: 43 Resp: 12310

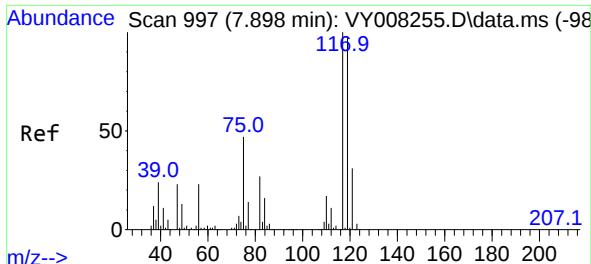
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

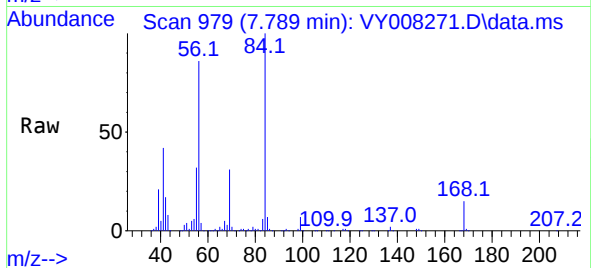
70 1.9 7.1 10.7#



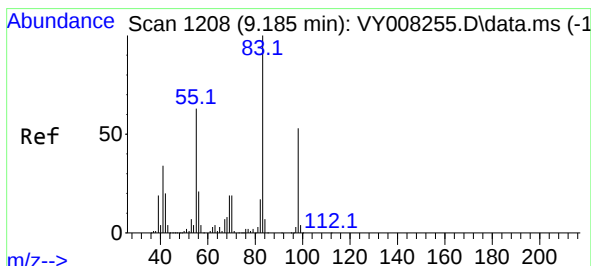
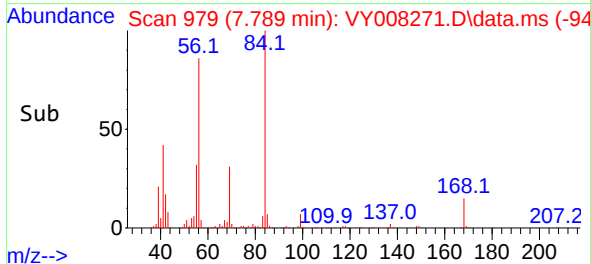
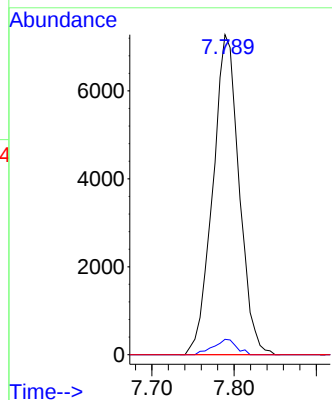


#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :

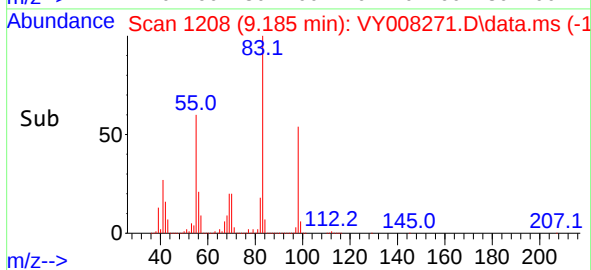
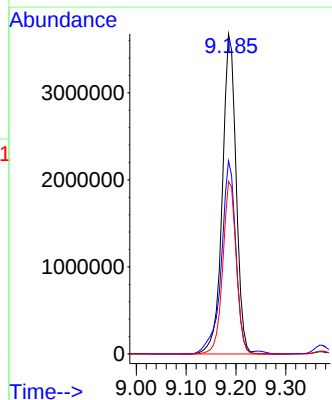
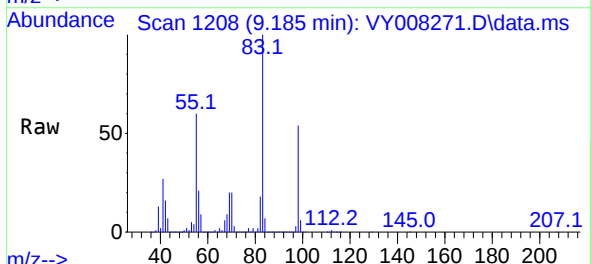


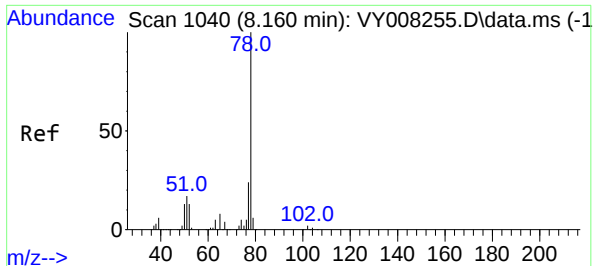
Tgt Ion:117 Resp: 16219
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 2251.422 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 83 Resp: 7054367
Ion Ratio Lower Upper
83 100
55 60.3 66.5 99.7#
98 53.9 37.9 56.9

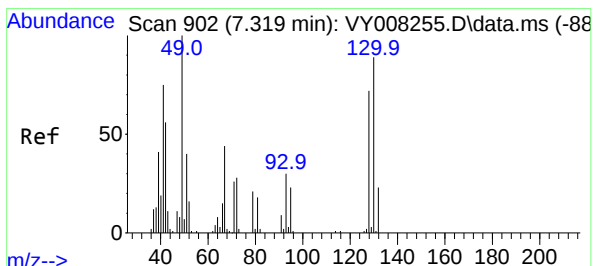
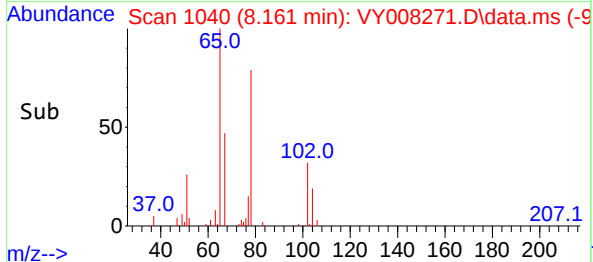
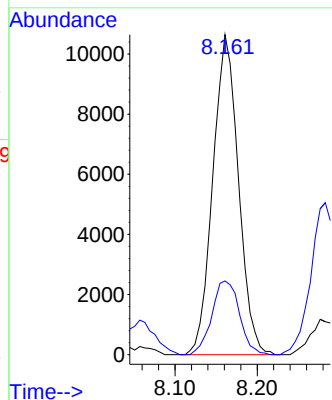
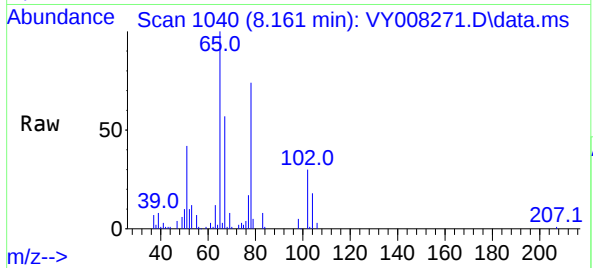




#40
Benzene
Concen: 3.178 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

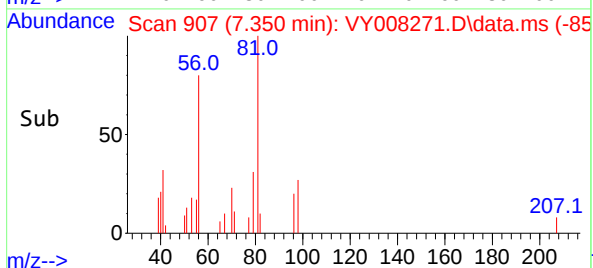
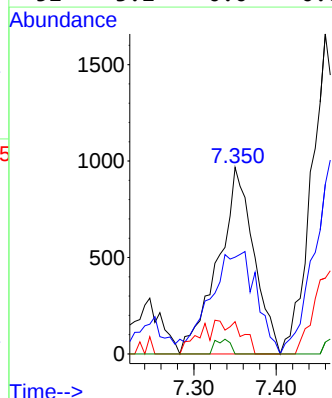
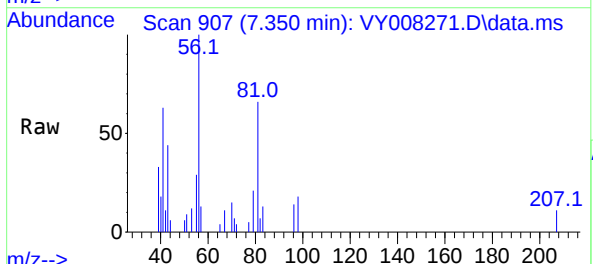
Instrument :
MSVOA_Y
ClientSampleId :

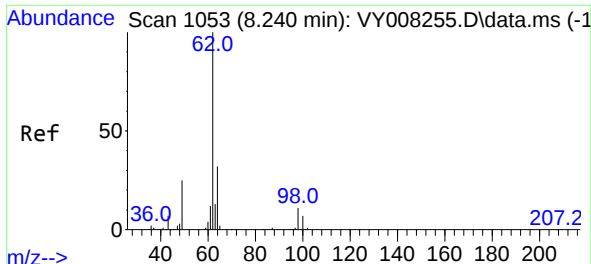
Tgt Ion: 78 Resp: 23049
Ion Ratio Lower Upper
78 100
77 23.1 20.4 30.6



#41
Methacrylonitrile
Concen: 4.164 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 41 Resp: 2925
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 3.2 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 1.291 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.043 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

Instrument :

MSVOA_Y

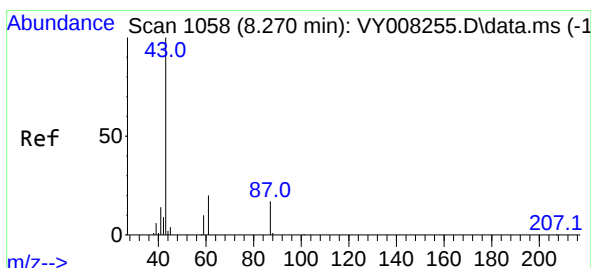
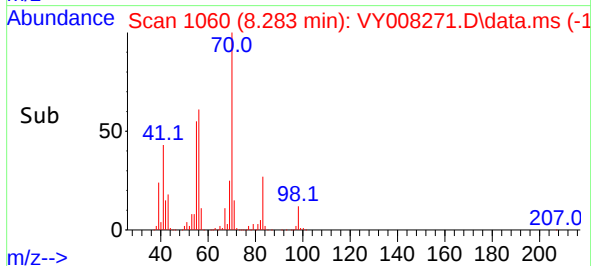
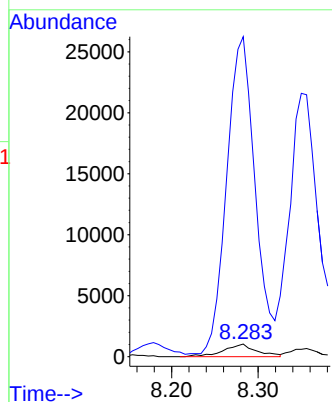
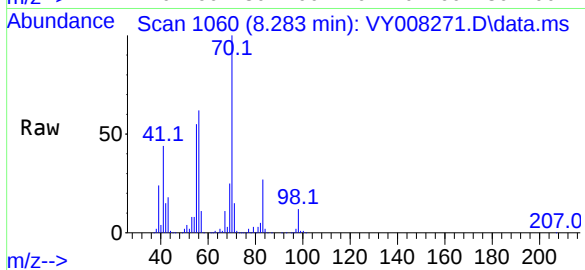
ClientSampleId :

Tgt Ion: 62 Resp: 2717

Ion Ratio Lower Upper

62 100

98 2185.4 0.0 14.8#



#43

Isopropyl Acetate

Concen: 59.646 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

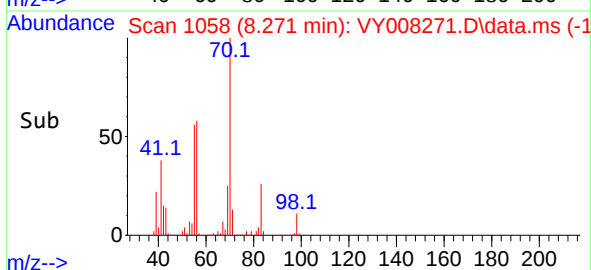
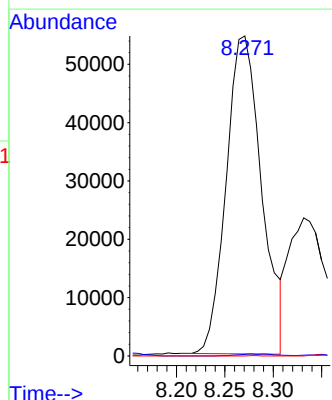
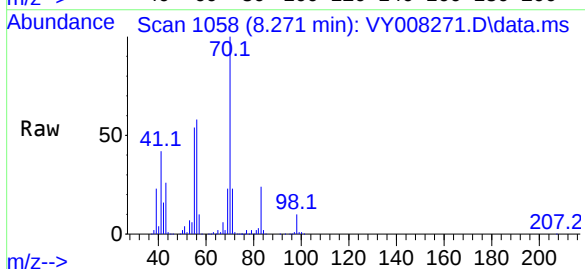
Tgt Ion: 43 Resp: 138999

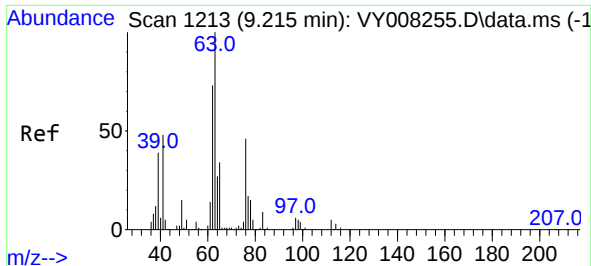
Ion Ratio Lower Upper

43 100

61 0.7 20.2 30.2#

87 0.0 8.9 13.3#

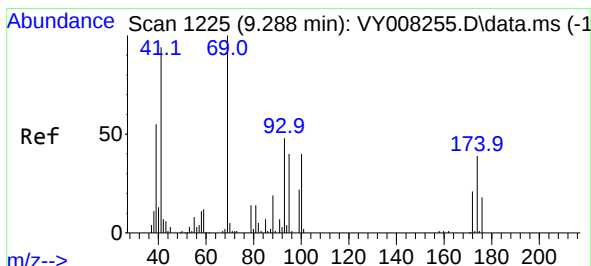
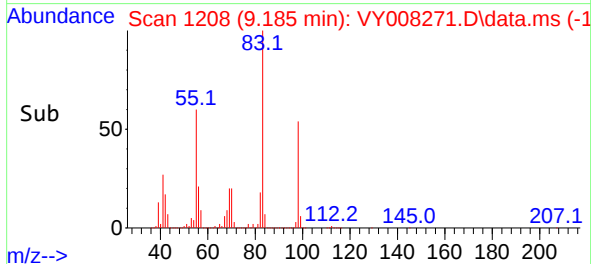
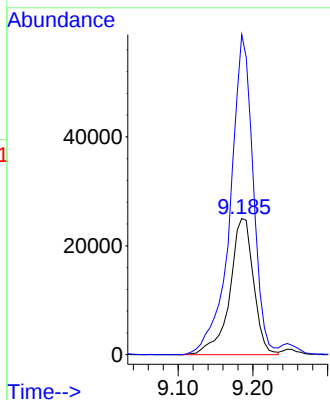
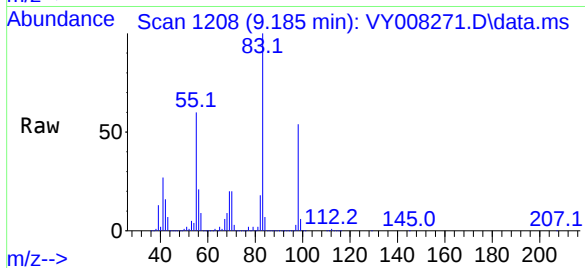




#45
1,2-Dichloropropane
Concen: 31.274 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

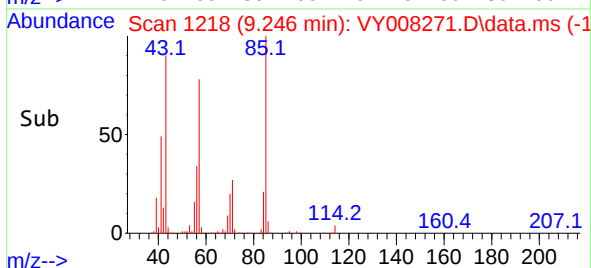
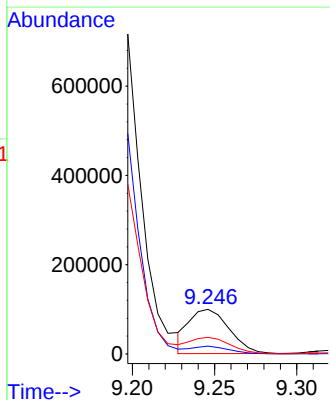
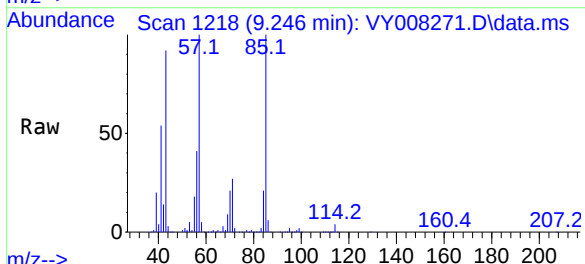
Instrument :
MSVOA_Y
ClientSampleId :

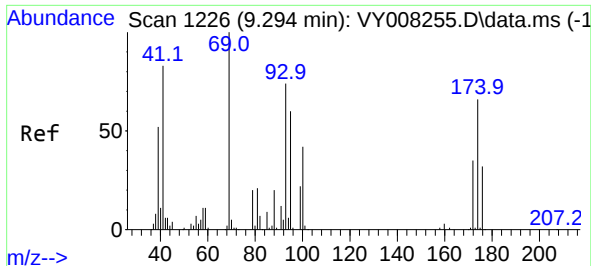
Tgt Ion: 63 Resp: 55402
Ion Ratio Lower Upper
63 100
65 234.9 23.0 34.6#



#48
Methyl methacrylate
Concen: 169.131 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.042 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 41 Resp: 167552
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 37.8 47.4 71.0#





#49

1,4-Dioxane

Concen: 4.957 ug/l

RT: 9.185 min Scan# 1226

Delta R.T. -0.109 min

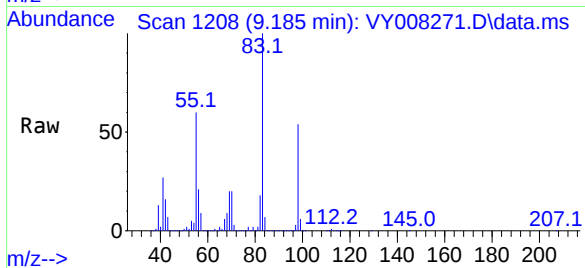
Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :



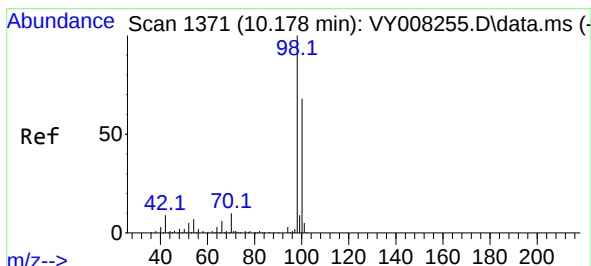
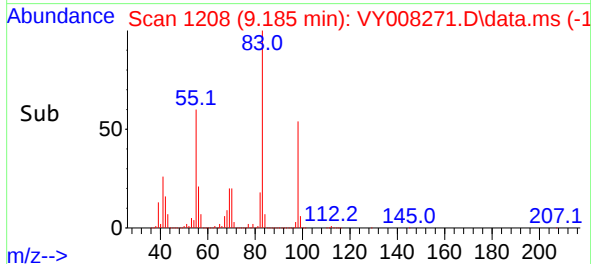
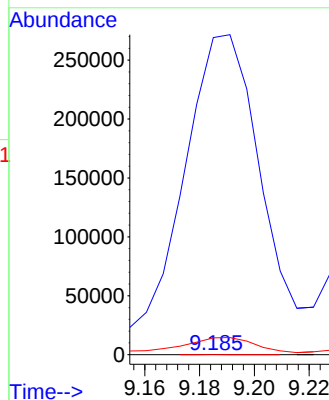
Tgt Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

43 749362.7 32.8 49.2#

58 43724.0 59.8 89.6#



#50

Toluene-d8

Concen: 155.415 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008271.D

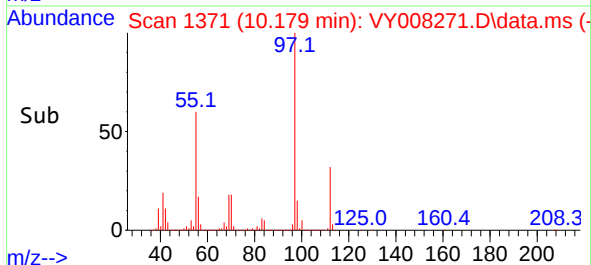
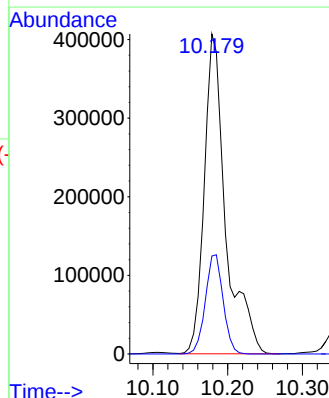
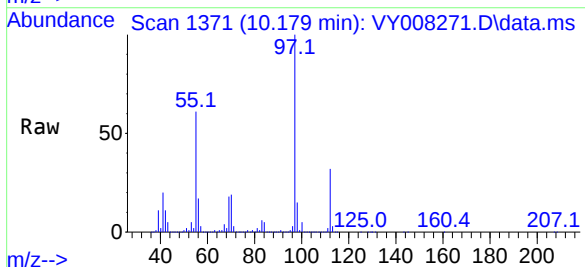
Acq: 11 Apr 2022 14:32

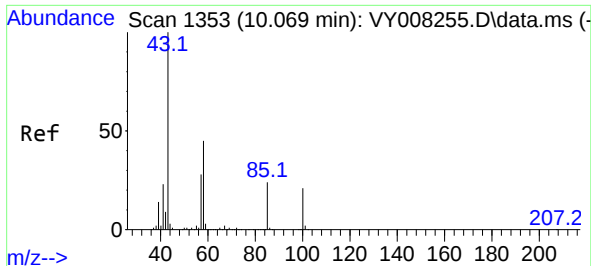
Tgt Ion: 98 Resp: 810998

Ion Ratio Lower Upper

98 100

100 25.6 50.2 75.2#

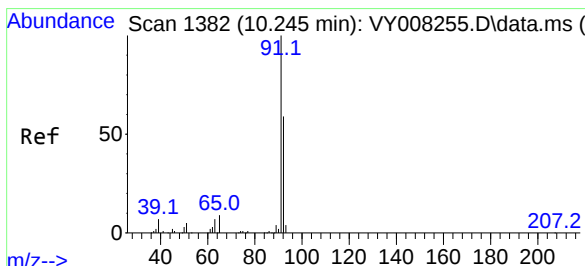
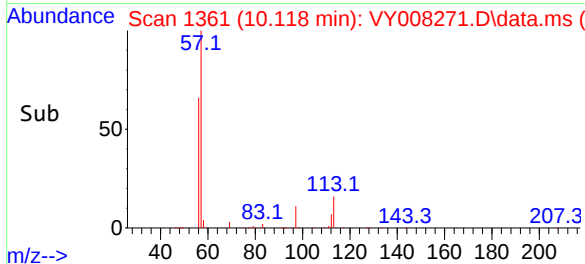
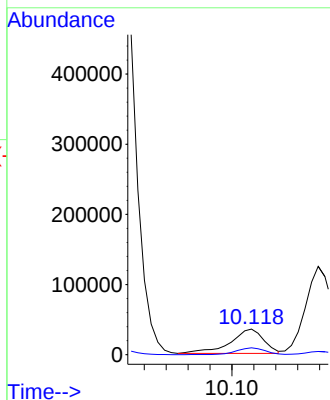
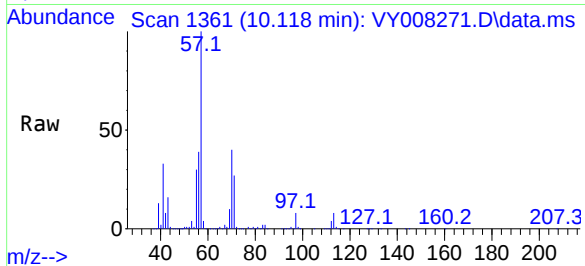




#51
4-Methyl-2-Pentanone
Concen: 60.984 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.049 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

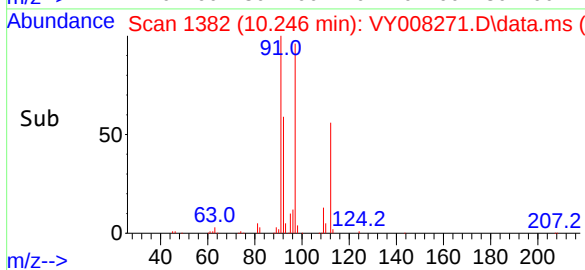
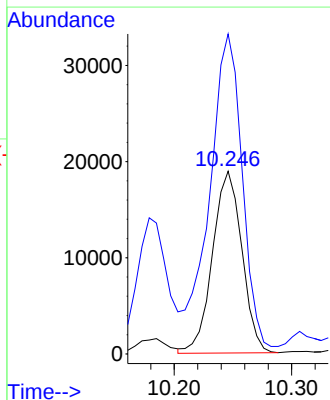
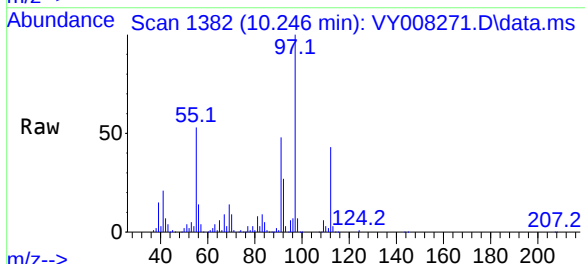
Instrument :
MSVOA_Y
ClientSampleId :

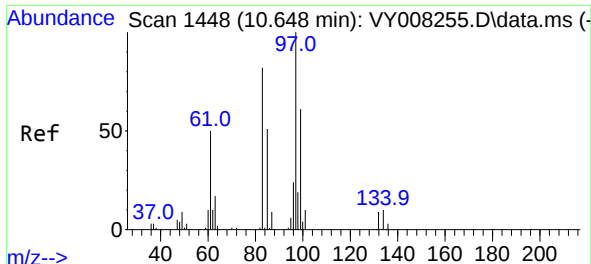
Tgt Ion: 43 Resp: 73384
Ion Ratio Lower Upper
43 100
58 24.2 28.1 42.1#



#52
Toluene
Concen: 6.874 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

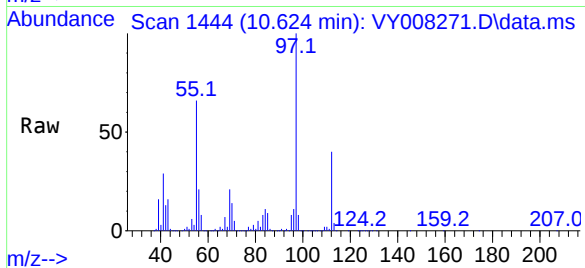
Tgt Ion: 92 Resp: 32843
Ion Ratio Lower Upper
92 100
91 195.0 142.6 213.8





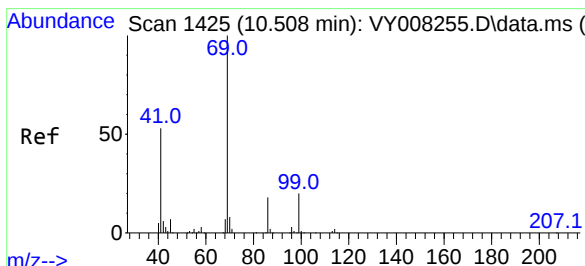
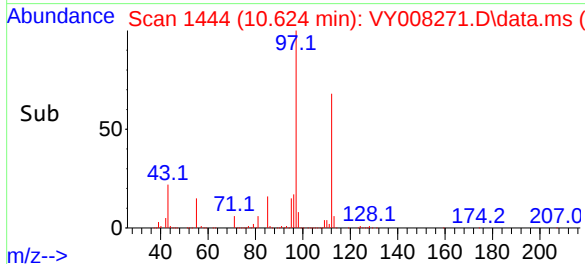
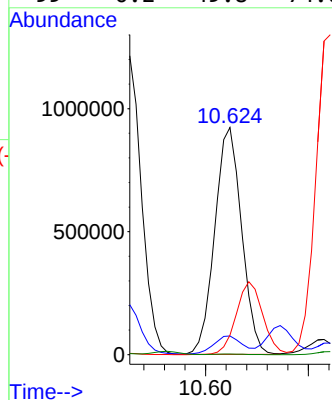
#55
1,1,2-Trichloroethane
Concen: 1000.598 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 1673514

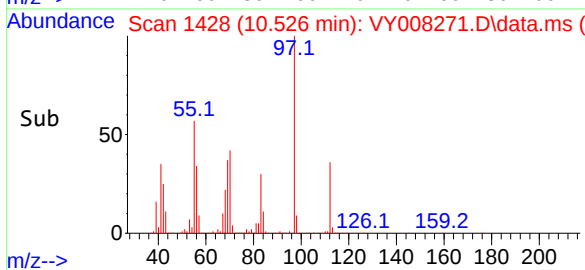
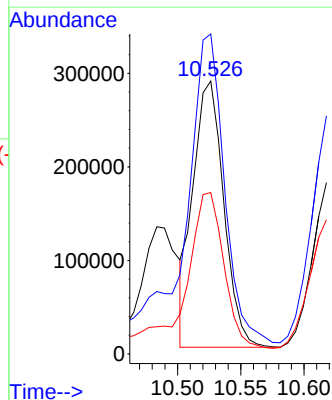
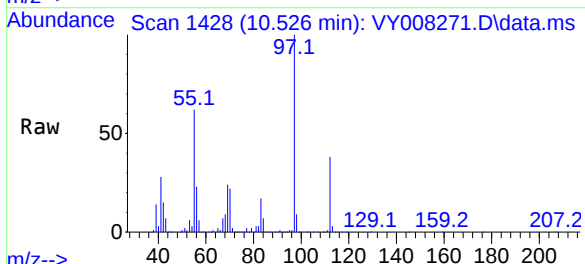
Ion	Ratio	Lower	Upper
97	100		
83	7.9	69.8	104.8#
85	8.6	44.3	66.5#
99	0.2	49.8	74.6#

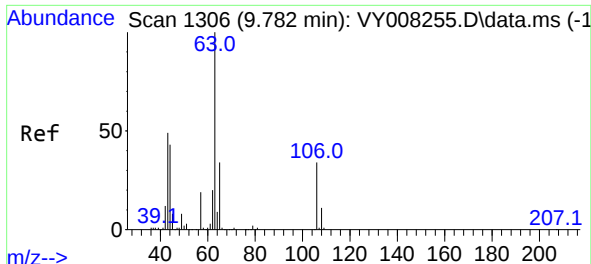


#56
Ethyl methacrylate
Concen: 234.857 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 69 Resp: 481586

Ion	Ratio	Lower	Upper
69	100		
41	158.6	63.4	95.0#
39	79.0	35.8	53.8#

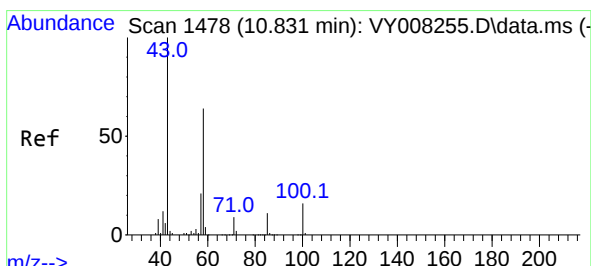
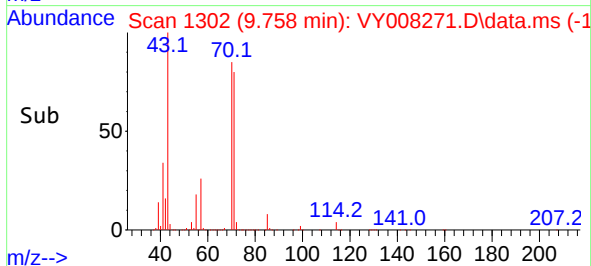
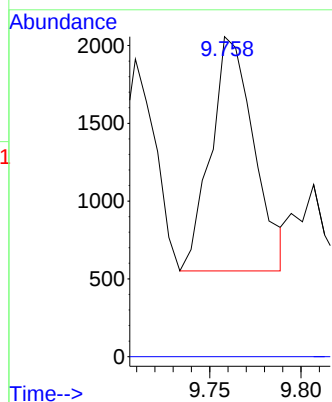
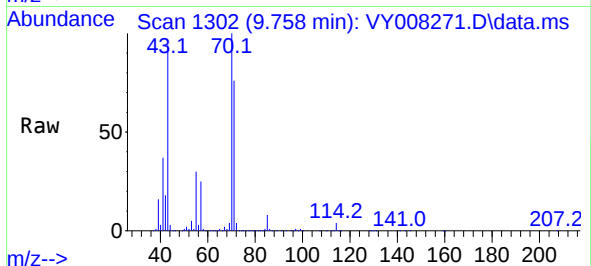




#58
2-Chloroethyl Vinyl ether
Concen: 3.083 ug/l
RT: 9.758 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

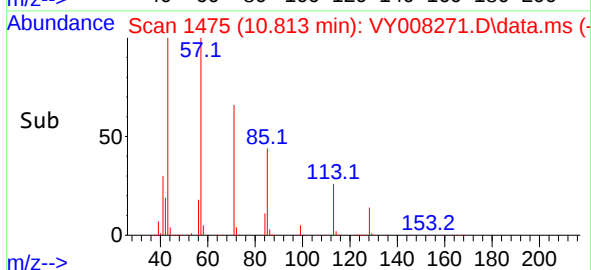
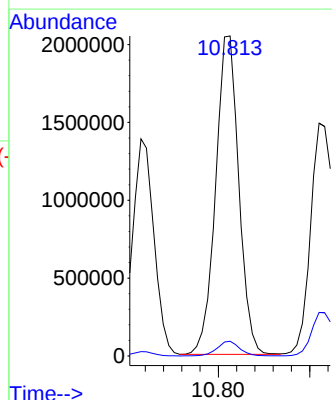
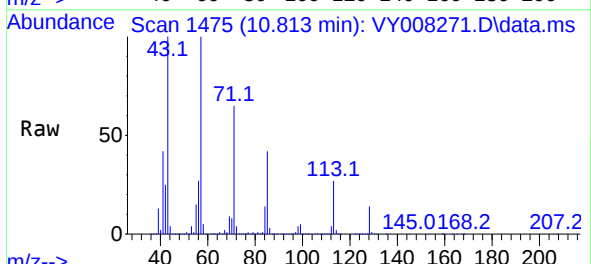
Instrument :
MSVOA_Y
ClientSampleId :

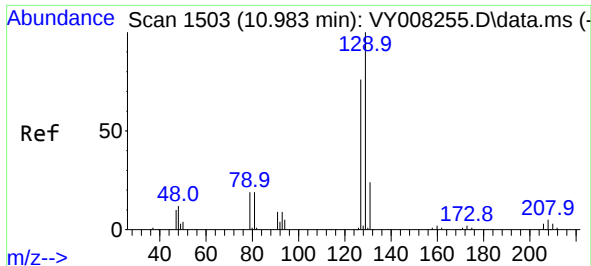
Tgt Ion: 63 Resp: 2490
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 4350.339 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.018 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 43 Resp: 3602121
Ion Ratio Lower Upper
43 100
58 4.5 24.4 73.4#

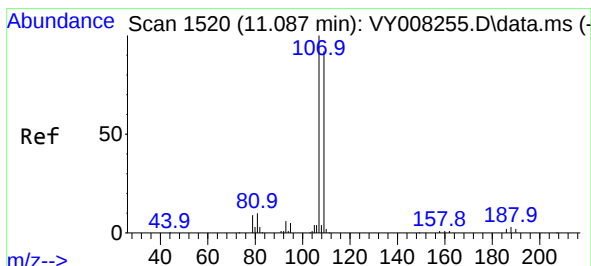
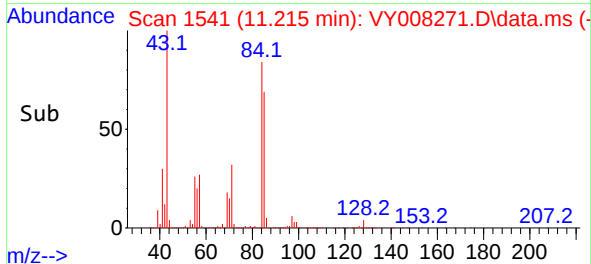
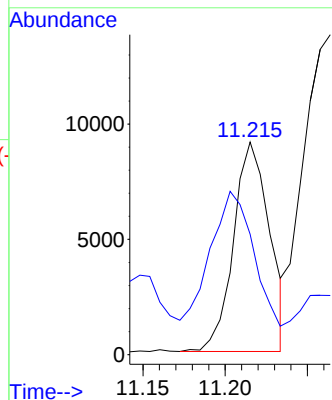
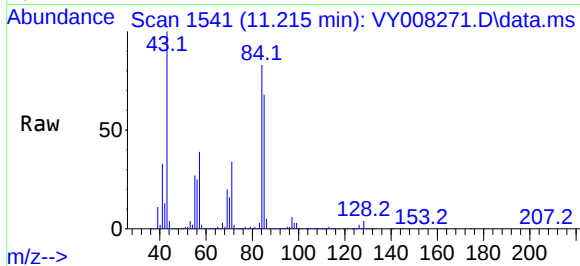




#60
Dibromochloromethane
Concen: 7.104 ug/l
RT: 11.215 min Scan# 11
Delta R.T. 0.232 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

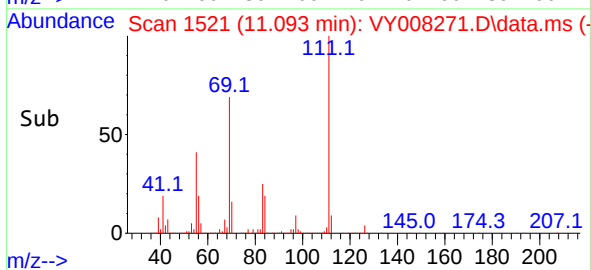
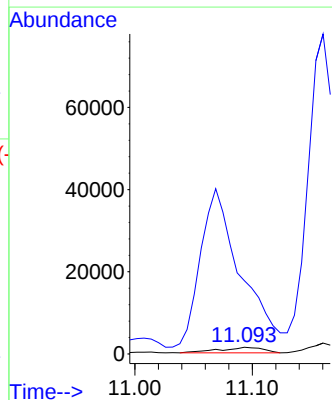
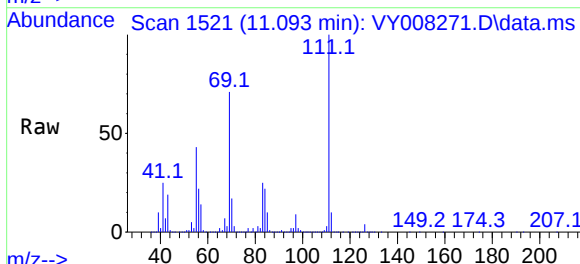
Instrument :
MSVOA_Y
ClientSampleId :

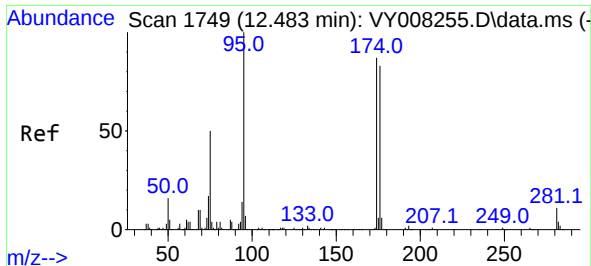
Tgt Ion:129 Resp: 13879
Ion Ratio Lower Upper
129 100
127 74.4 38.7 116.1



#61
1,2-Dibromoethane
Concen: 2.159 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion:107 Resp: 3531
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#

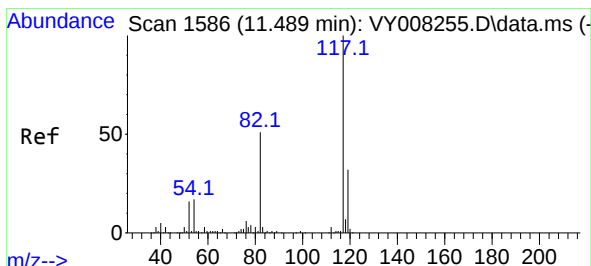
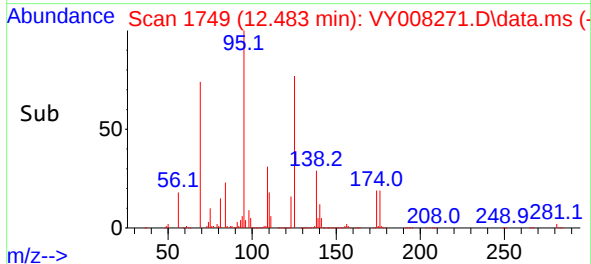
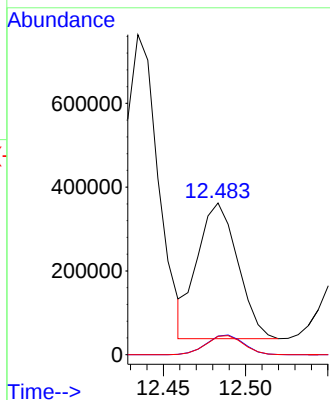
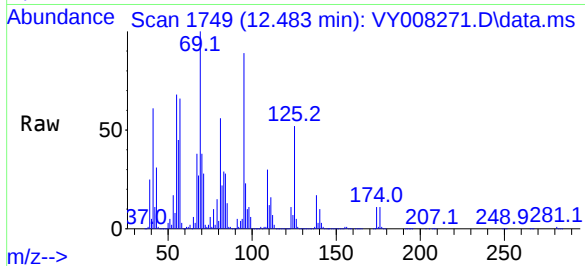




#62
4-Bromofluorobenzene
Concen: 282.081 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

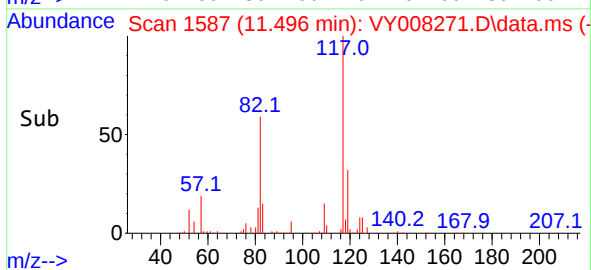
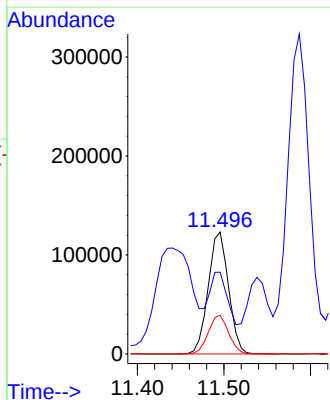
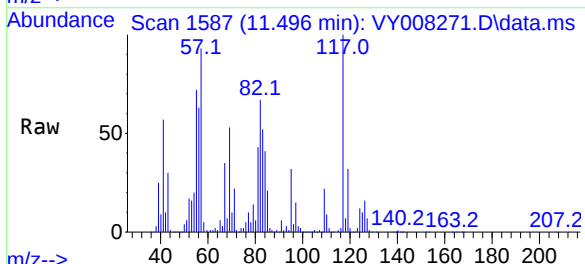
Instrument :
MSVOA_Y
ClientSampleId :

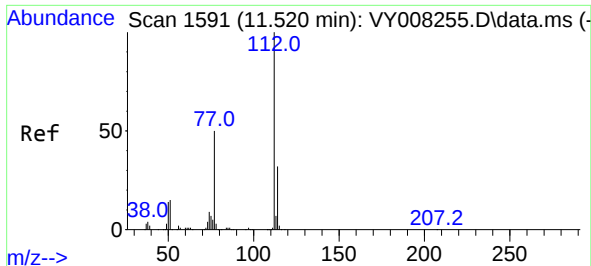
Tgt Ion: 95 Resp: 553646
Ion Ratio Lower Upper
95 100
174 13.4 0.0 177.0
176 13.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 117 Resp: 200370
Ion Ratio Lower Upper
117 100
82 26.3 43.0 64.4#
119 31.7 25.4 38.0

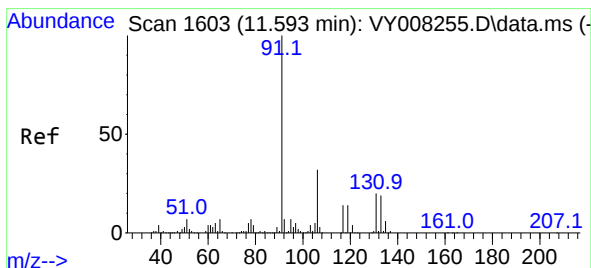
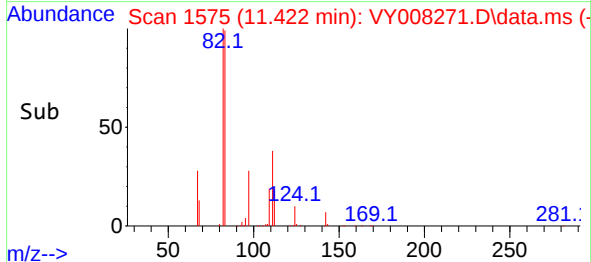
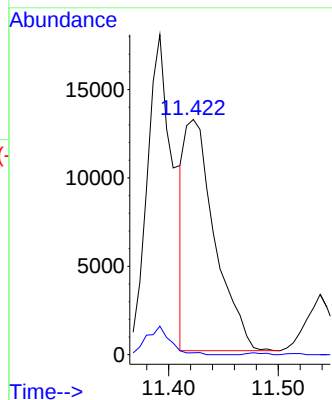
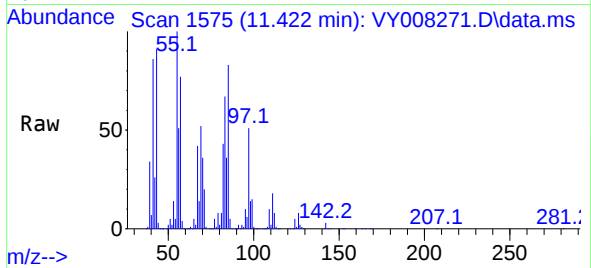




#65
Chlorobenzene
Concen: 5.760 ug/l
RT: 11.422 min Scan# 11
Delta R.T. -0.098 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

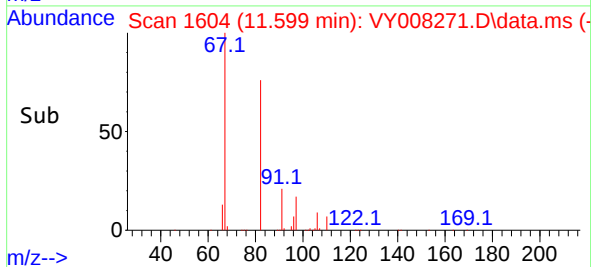
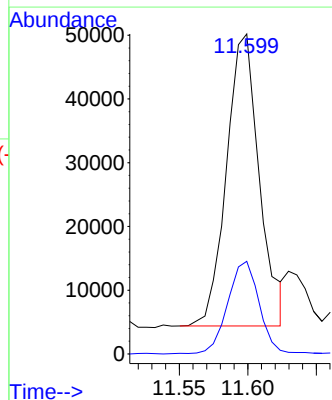
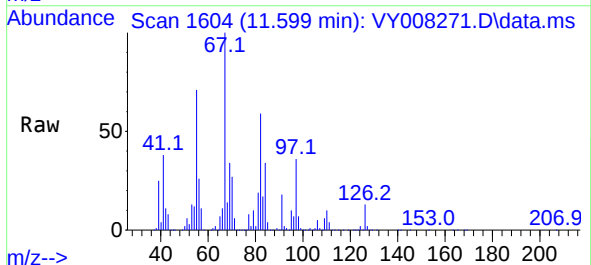
Instrument :
MSVOA_Y
ClientSampleId :

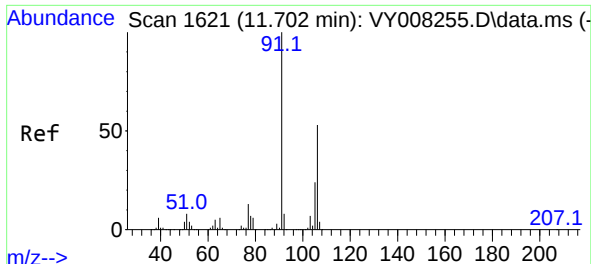
Tgt Ion:112 Resp: 25031
Ion Ratio Lower Upper
112 100
114 0.8 25.8 38.6#



#67
Ethyl Benzene
Concen: 10.329 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 91 Resp: 76330
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

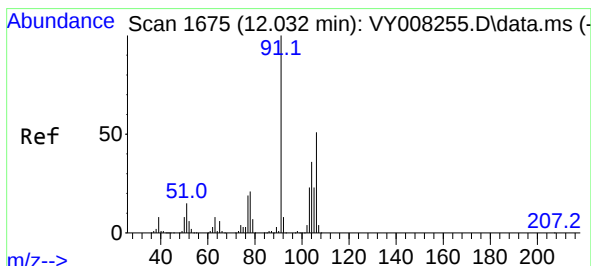
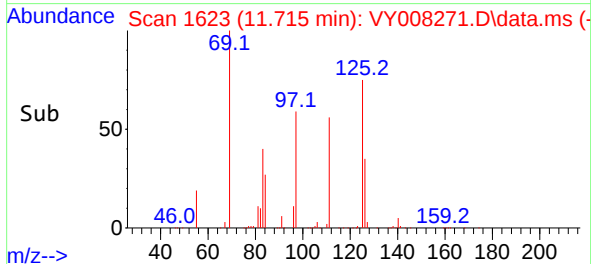
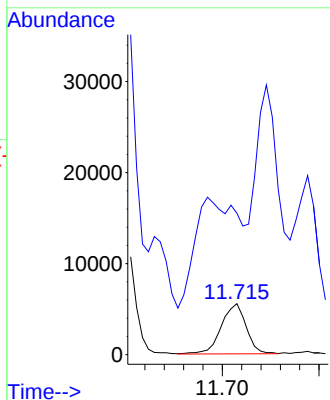
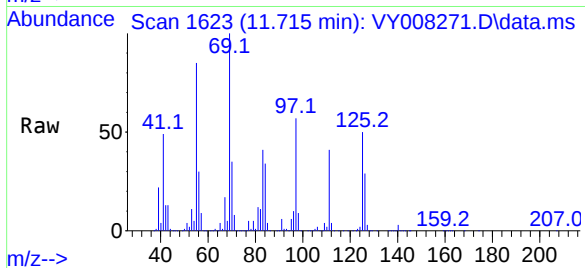




#68
m/p-Xylenes
Concen: 3.345 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.013 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

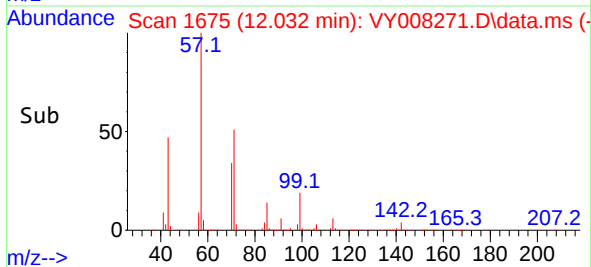
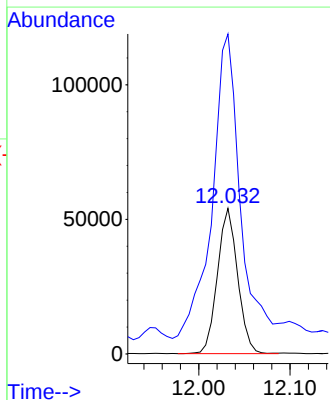
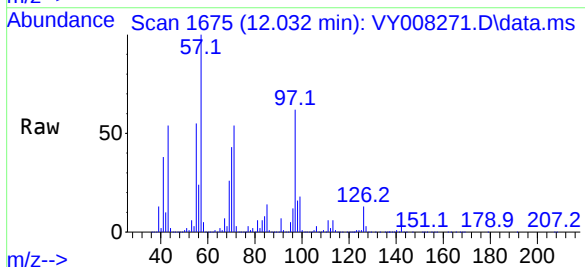
Instrument :
MSVOA_Y
ClientSampleId :

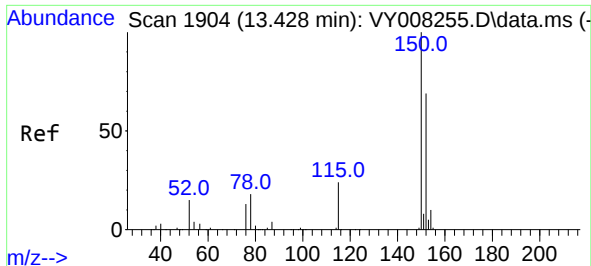
Tgt Ion:106 Resp: 9829
Ion Ratio Lower Upper
106 100
91 0.0 166.6 249.8#



#69
o-Xylene
Concen: 29.150 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

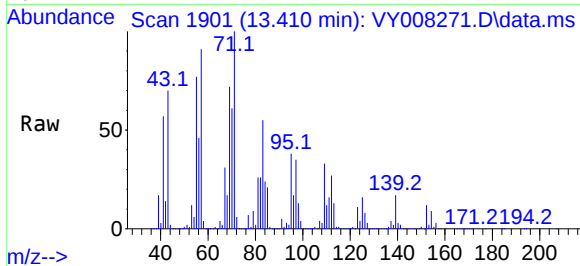
Tgt Ion:106 Resp: 83135
Ion Ratio Lower Upper
106 100
91 287.5 110.3 331.0



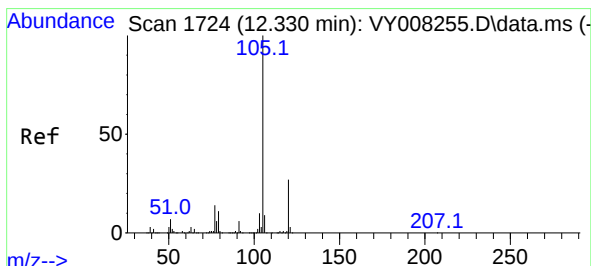
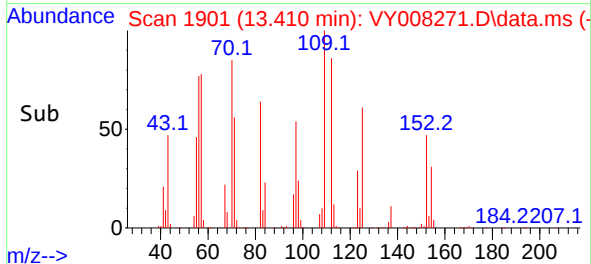
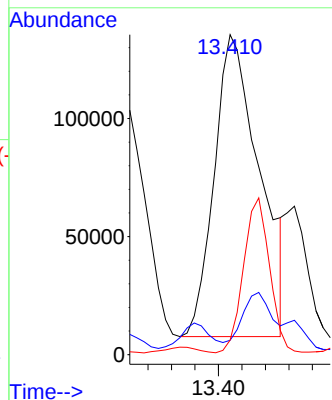


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :

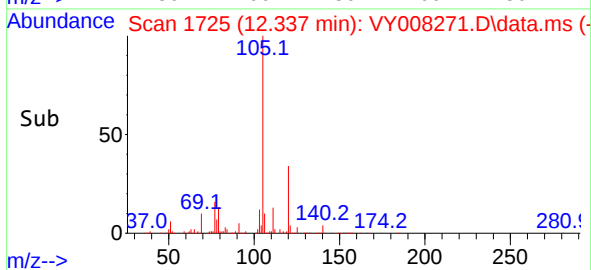
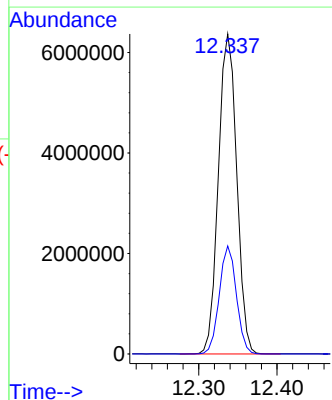
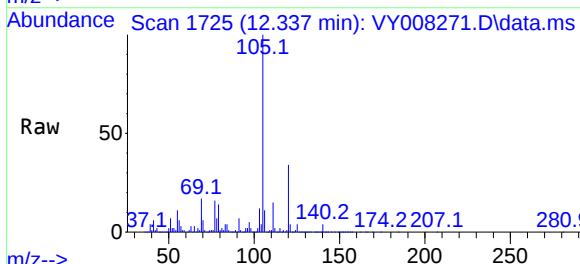


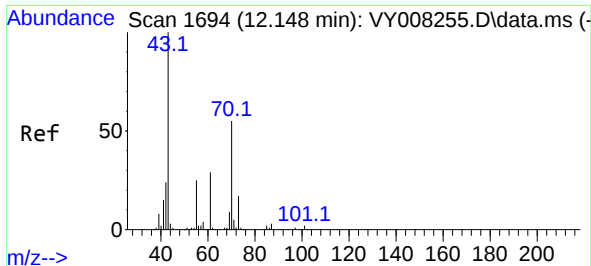
Tgt Ion:152 Resp: 340877
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#73
Isopropylbenzene
Concen: 409.656 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

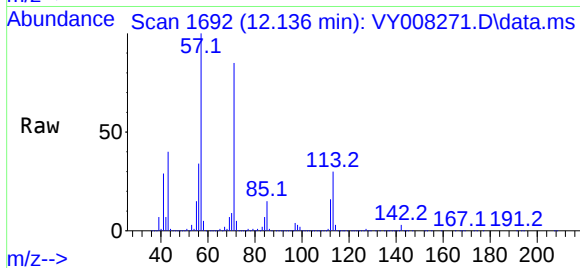
Tgt Ion:105 Resp:10382130
Ion Ratio Lower Upper
105 100
120 31.4 13.4 40.2



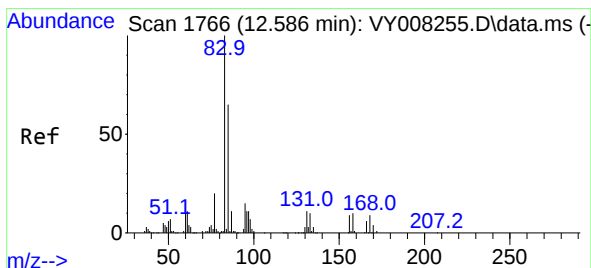
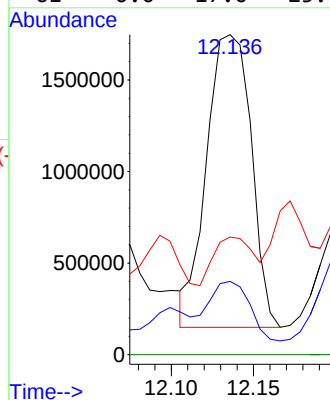
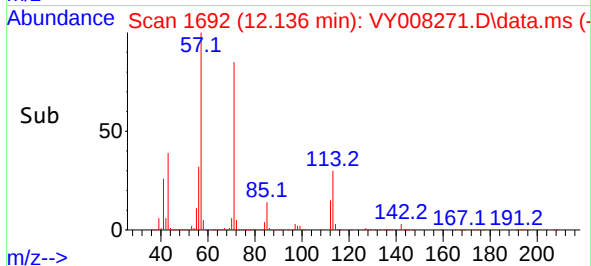


#74
N-amy1 acetate
Concen: 547.457 ug/l
RT: 12.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

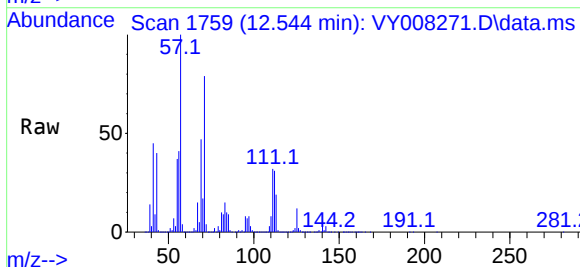
Instrument :
MSVOA_Y
ClientSampleId :



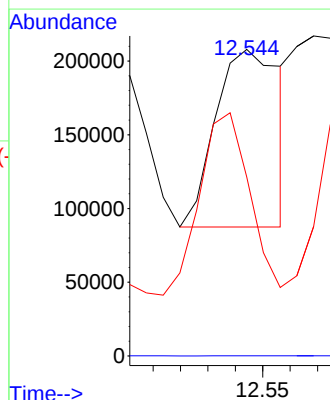
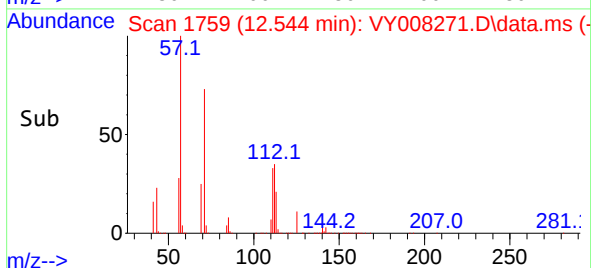
Tgt Ion: 43 Resp: 3012249
Ion Ratio Lower Upper
43 100
70 19.1 28.7 43.1#
55 14.7 17.3 25.9#
61 0.0 17.0 25.6#

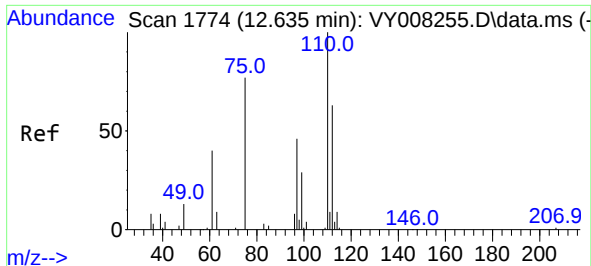


#75
1,1,2,2-Tetrachloroethane
Concen: 36.621 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.042 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32



Tgt Ion: 83 Resp: 196383
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 79.5 32.3 96.8

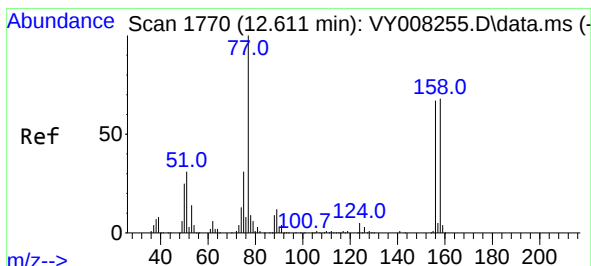
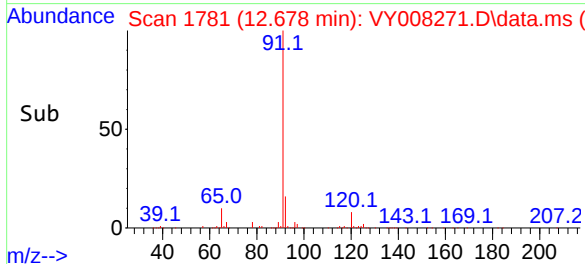
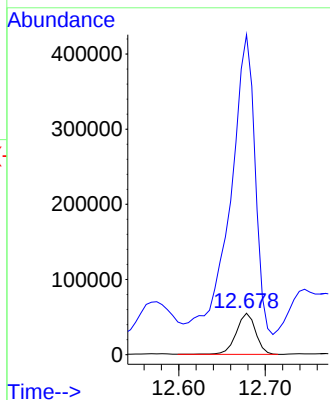
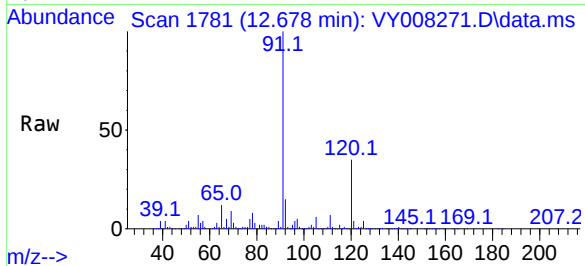




#76
1,2,3-Trichloropropane
Concen: 22.508 ug/l
RT: 12.678 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

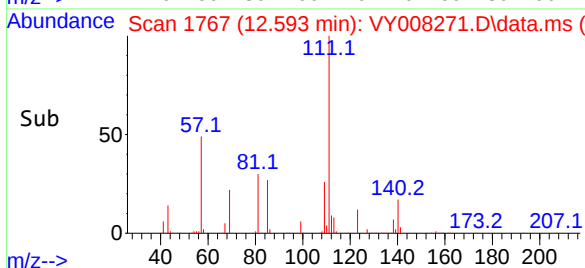
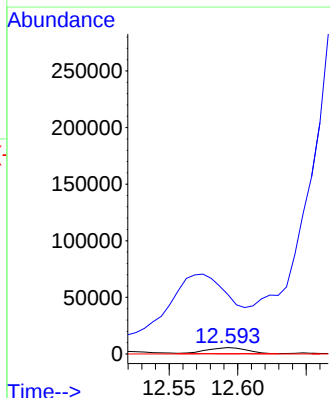
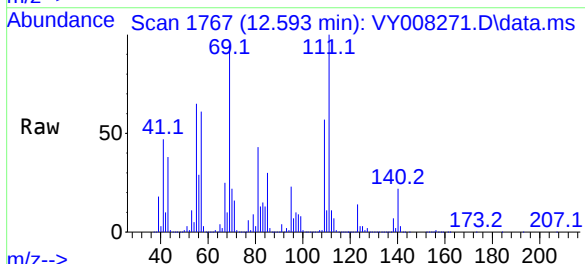
Instrument :
MSVOA_Y
ClientSampleId :

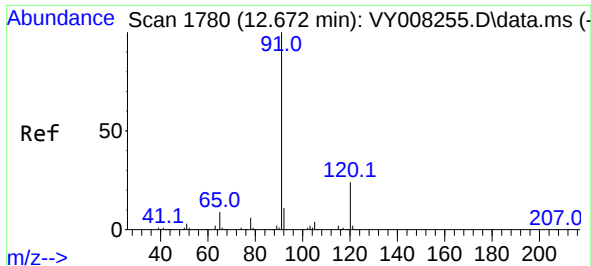
Tgt Ion: 75 Resp: 84854
Ion Ratio Lower Upper
75 100
77 926.1 0.0 0.0#



#77
Bromobenzene
Concen: 1.692 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.018 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion:156 Resp: 10509
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.8 48.0 144.0#

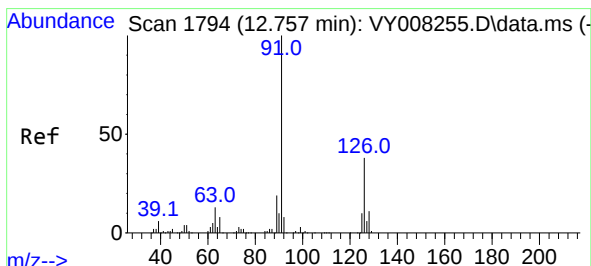
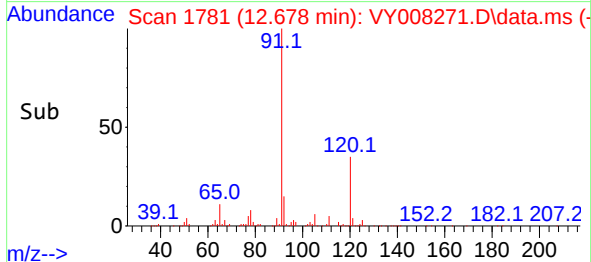
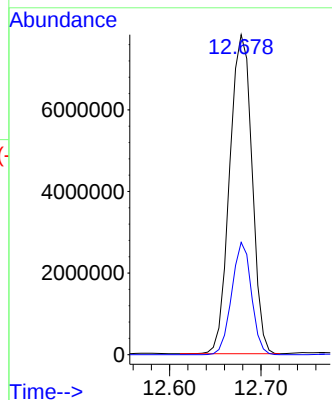
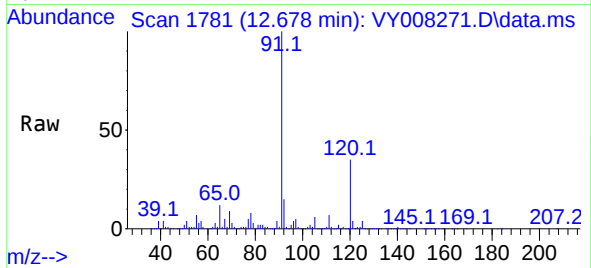




#78
n-propylbenzene
Concen: 444.567 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

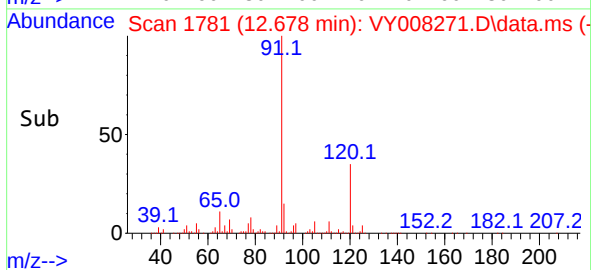
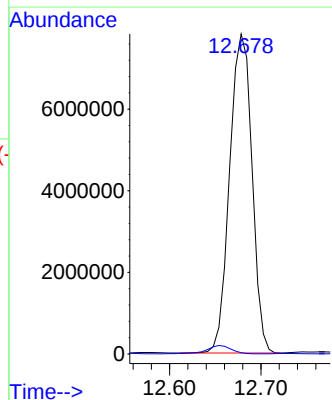
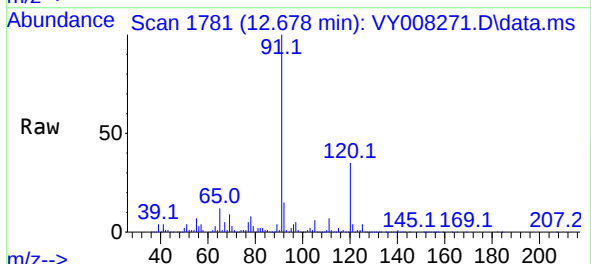
Instrument :
MSVOA_Y
ClientSampleId :

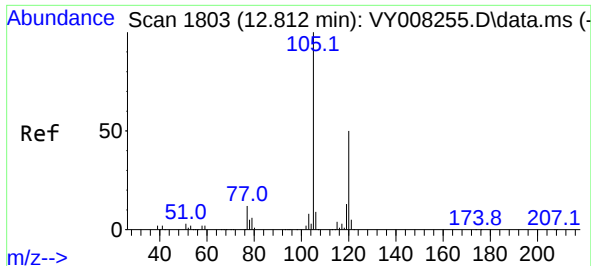
Tgt Ion: 91 Resp:13295015
Ion Ratio Lower Upper
91 100
120 30.9 11.3 33.9



#79
2-Chlorotoluene
Concen: 792.158 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.079 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 91 Resp:13295015
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

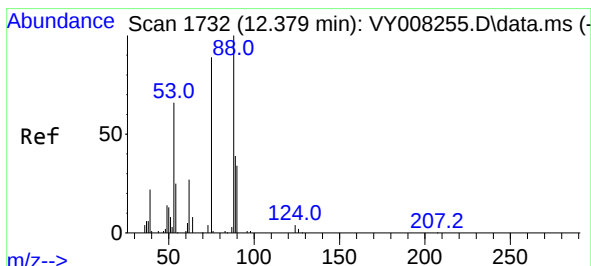
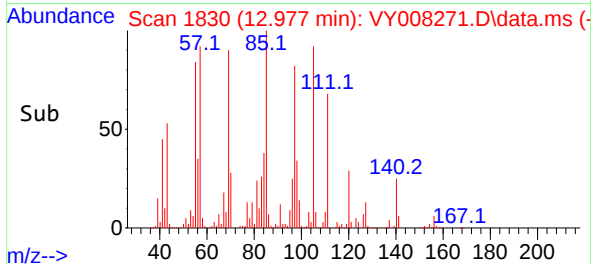
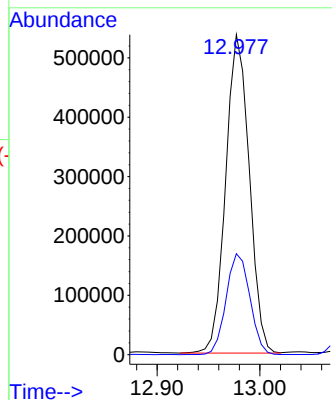
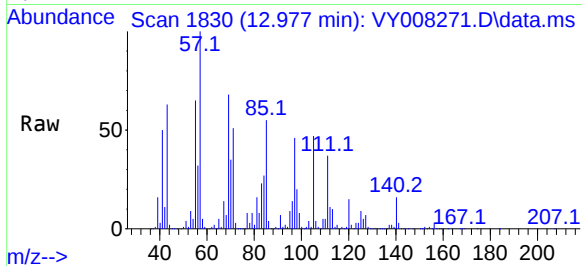




#80
1,3,5-Trimethylbenzene
Concen: 41.106 ug/l
RT: 12.977 min Scan# 11
Delta R.T. 0.165 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

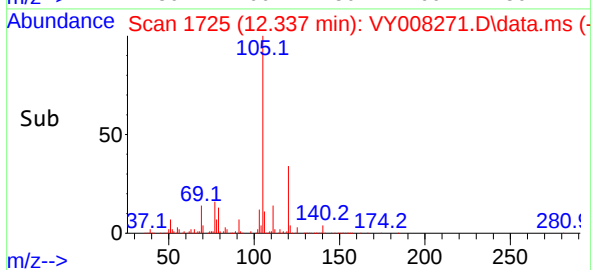
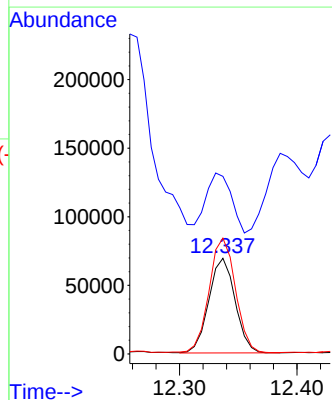
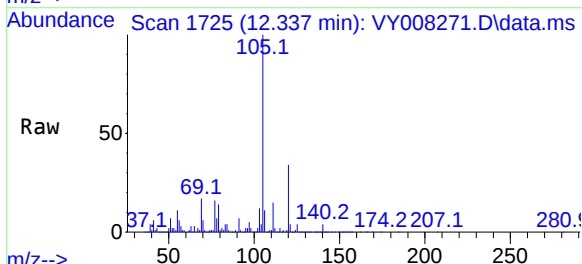
Instrument :
MSVOA_Y
ClientSampleId :

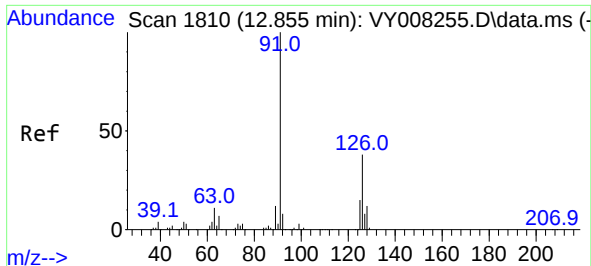
Tgt Ion:105 Resp: 854250
Ion Ratio Lower Upper
105 100
120 31.9 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 63.565 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.042 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 75 Resp: 107104
Ion Ratio Lower Upper
75 100
53 103.9 85.3 127.9
89 121.5 37.0 55.4#

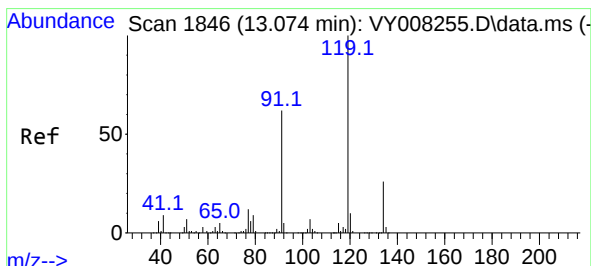
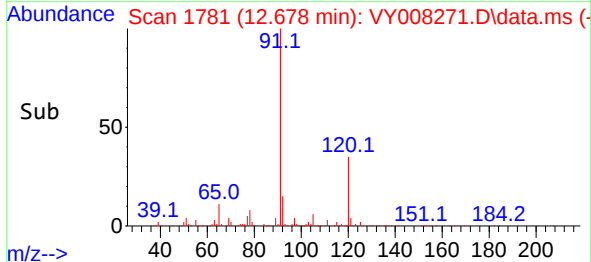
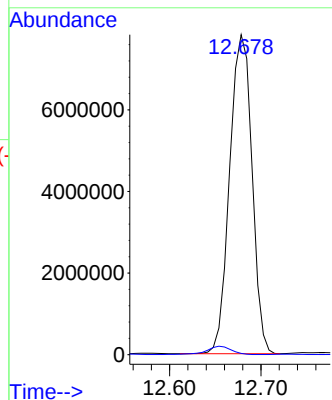
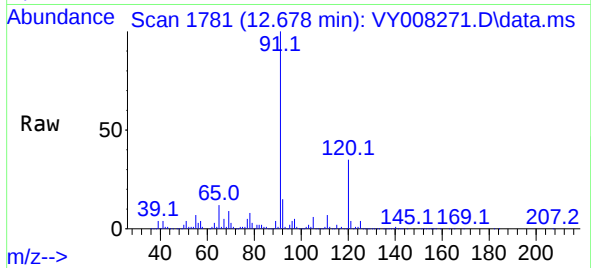




#82
4-Chlorotoluene
Concen: 770.843 ug/l
RT: 12.678 min Scan# 11
Delta R.T. -0.177 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

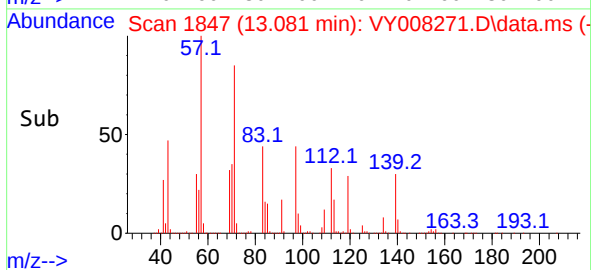
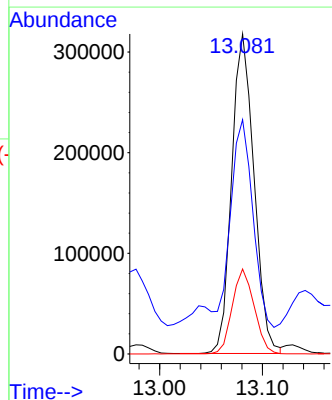
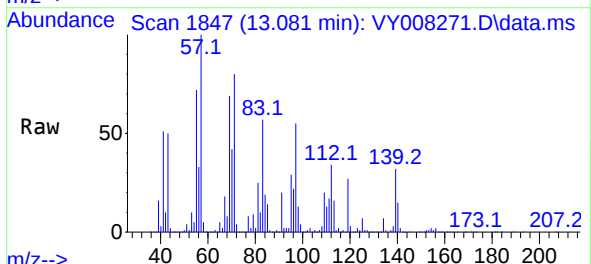
Instrument :
MSVOA_Y
ClientSampleId :

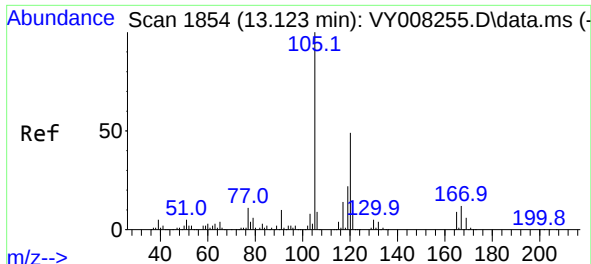
Tgt Ion: 91 Resp:13295015
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 25.719 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion:119 Resp: 479478
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.4
134 26.1 13.3 39.9

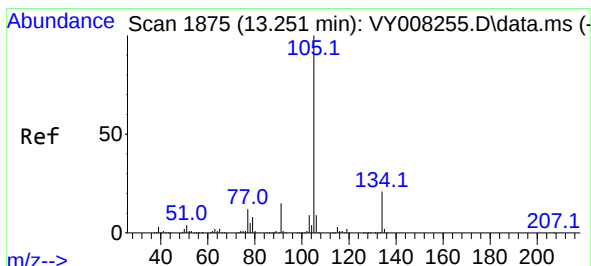
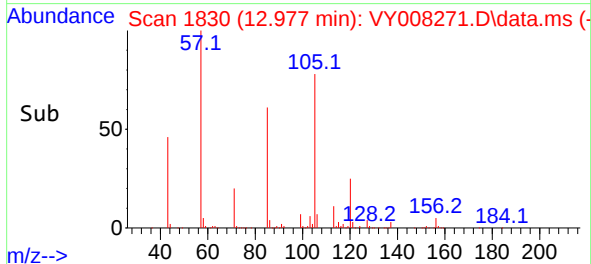
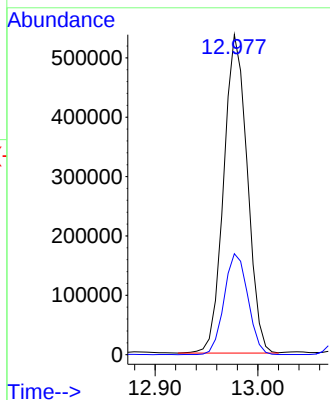
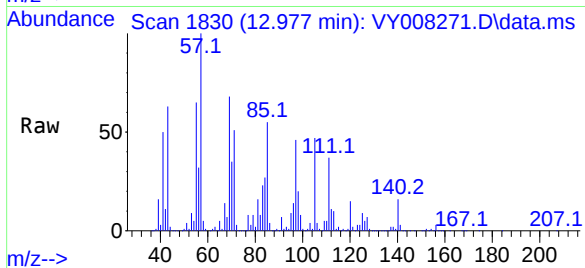




#84
1,2,4-Trimethylbenzene
Concen: 41.537 ug/l
RT: 12.977 min Scan# 1830
Delta R.T. -0.146 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

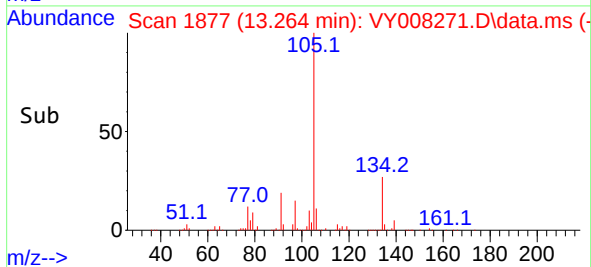
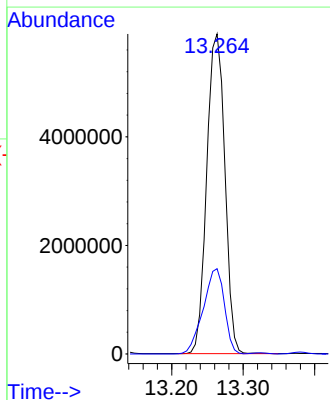
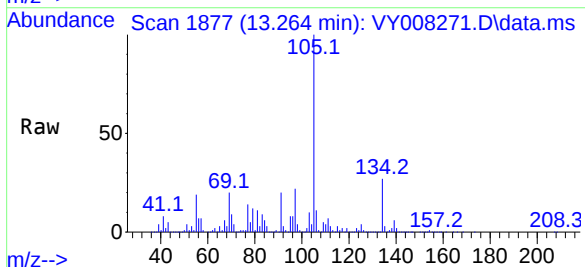
Instrument :
MSVOA_Y
ClientSampleId :

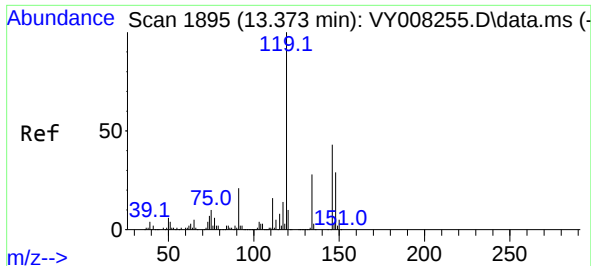
Tgt Ion:105 Resp: 854250
Ion Ratio Lower Upper
105 100
120 31.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 374.110 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.013 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

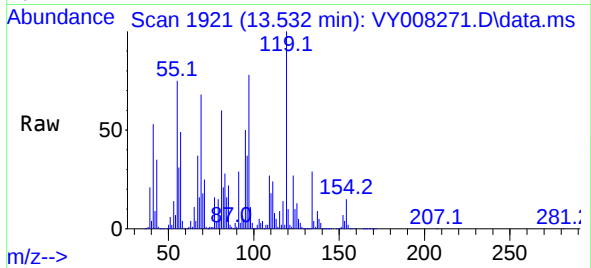
Tgt Ion:105 Resp:10340164
Ion Ratio Lower Upper
105 100
134 31.2 10.2 30.4#



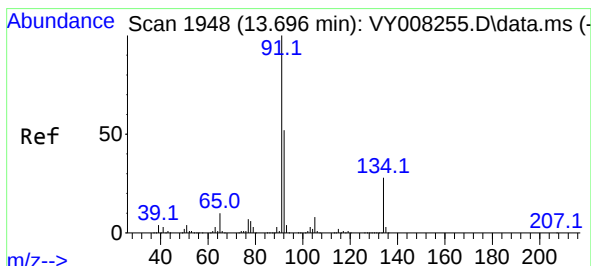
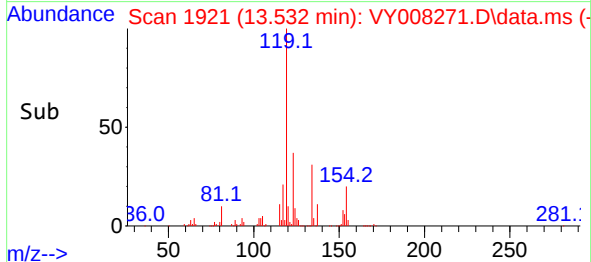
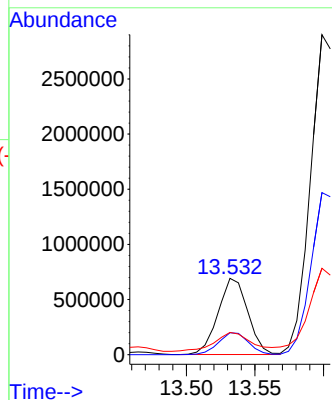


#86
p-Isopropyltoluene
Concen: 45.290 ug/l
RT: 13.532 min Scan# 1921
Delta R.T. 0.159 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :

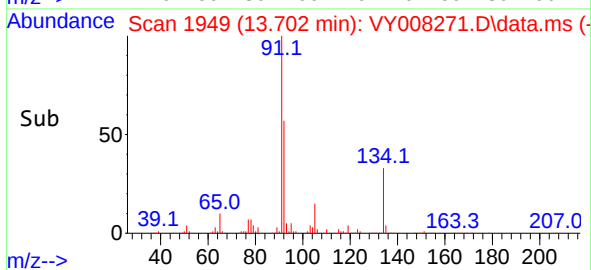
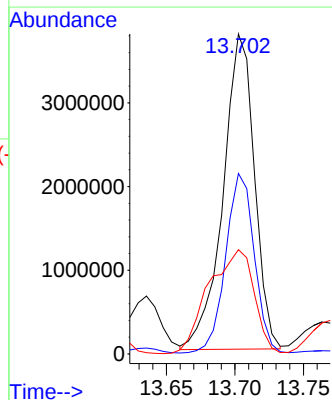
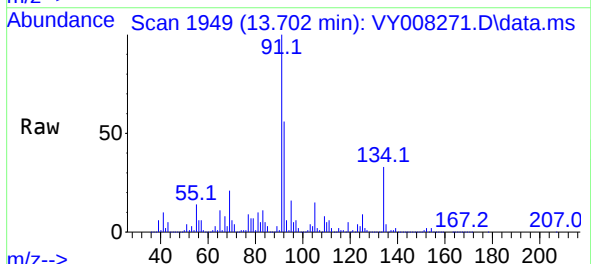


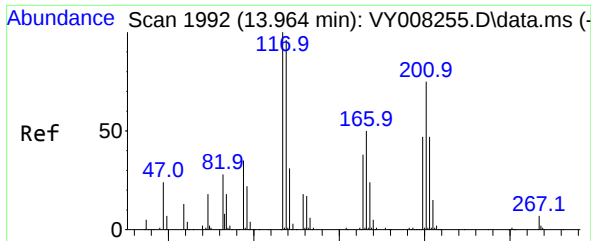
Tgt Ion:119 Resp: 1044609
Ion Ratio Lower Upper
119 100
134 29.0 13.2 39.5
91 29.7 12.4 37.2



#89
n-Butylbenzene
Concen: 288.211 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 91 Resp: 6005946
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 47.9 13.0 38.9#

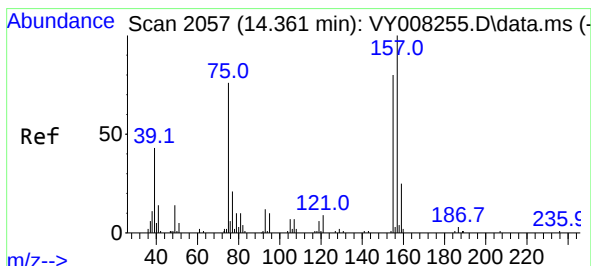
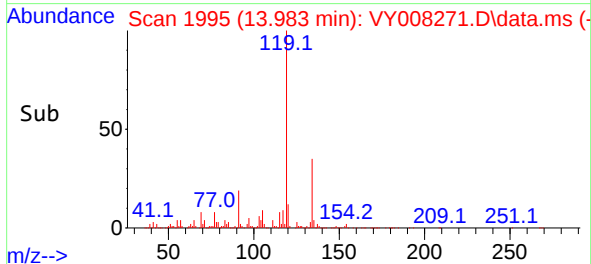
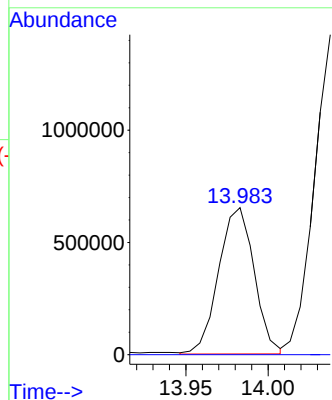
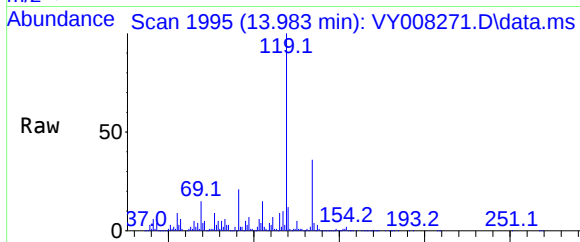




#90
Hexachloroethane
Concen: 227.172 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.019 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

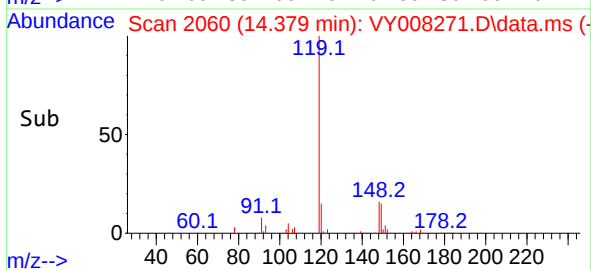
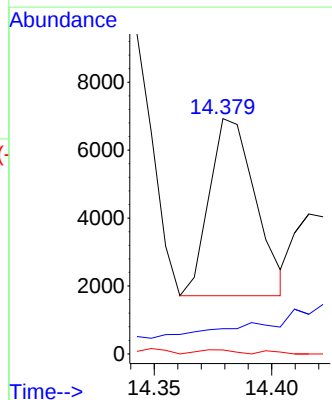
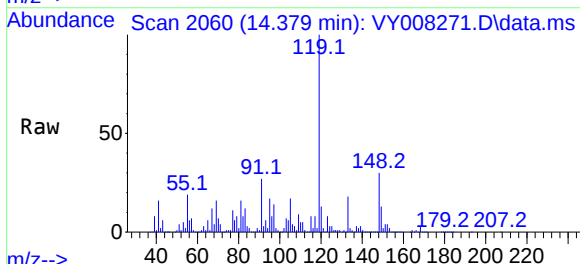
Instrument :
MSVOA_Y
ClientSampleId :

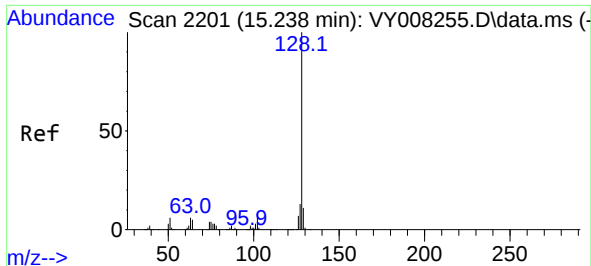
Tgt Ion:117 Resp: 979311
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.272 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.018 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion: 75 Resp: 7114
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 1.8 47.8 143.3#





#95
Naphthalene
Concen: 1.172 ug/l
RT: 15.202 min Scan# 21
Delta R.T. -0.036 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 16249
Ion Ratio Lower Upper
128 100
127 45.4 11.0 16.4#
129 72.7 8.4 12.6#

