

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011404.D
 Acq On : 10 Nov 2022 20:48
 Operator : KP/MD
 Sample : BFB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Quant Time: Nov 10 22:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	898	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1142	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	168	22.326	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	44.660%#		
35) Dibromofluoromethane	7.722	113	26	5.749	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.500%#		
50) Toluene-d8	10.173	98	788	45.608	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.220%		
62) 4-Bromofluorobenzene	12.477	95	235071	39007.336	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78014.680%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	587	116.053	ug/l	91
3) Chloromethane	2.119	50	331	45.862	ug/l	100
5) Bromomethane	2.656	94	450	73.043	ug/l #	52
7) Trichlorofluoromethane	3.107	101	26	1.937	ug/l #	21
8) Diethyl Ether	3.521	74	19	4.031	ug/l #	1
10) Methyl Iodide	4.082	142	919	84.669	ug/l #	35
11) Tert butyl alcohol	4.918	59	12828	15752.270	ug/l #	78
14) Allyl chloride	4.704	41	792	72.835	ug/l #	22
15) Acrylonitrile	5.155	53	44	19.536	ug/l #	17
16) Acetone	3.942	43	1510	760.440	ug/l #	60
17) Carbon Disulfide	4.198	76	145	6.042	ug/l #	75
18) Methyl Acetate	4.680	43	138	24.483	ug/l #	56
19) Methyl tert-butyl Ether	5.216	73	177	8.399	ug/l #	52
20) Methylene Chloride	4.710	84	41234	4484.527	ug/l #	76
23) Vinyl Acetate	6.070	43	111	8.176	ug/l #	75
25) 2-Butanone	6.984	43	2187	773.208	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	3824	270.571	ug/l #	55
29) Tetrahydrofuran	7.344	42	31	18.093	ug/l #	27
30) Chloroform	7.496	83	42	2.628	ug/l #	18
31) Cyclohexane	7.777	56	20	1.479	ug/l #	62
36) 1,1-Dichloropropene	7.923	75	160	22.794	ug/l #	42
37) Ethyl Acetate	6.984	43	2187	648.602	ug/l #	1
38) Carbon Tetrachloride	8.100	117	780	102.155	ug/l #	33
40) Benzene	8.161	78	481	22.947	ug/l #	50
41) Methacrylonitrile	7.344	41	127	72.736	ug/l #	1
43) Isopropyl Acetate	8.344	43	308	50.634	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	400	122.285	ug/l #	83
52) Toluene	10.240	92	218	16.286	ug/l #	48
53) t-1,3-Dichloropropene	10.575	75	568	79.156	ug/l #	43
55) 1,1,2-Trichloroethane	10.581	97	249	59.198	ug/l #	15
57) 1,3-Dichloropropane	10.941	76	432	61.566	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.776	63	210	83.990	ug/l #	48
59) 2-Hexanone	10.941	43	562	242.525	ug/l	66
60) Dibromochloromethane	10.715	129	46	8.860	ug/l #	11
61) 1,2-Dibromoethane	11.081	107	52	12.858	ug/l #	3
64) Tetrachloroethene	10.715	164	52	5.696	ug/l #	64

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

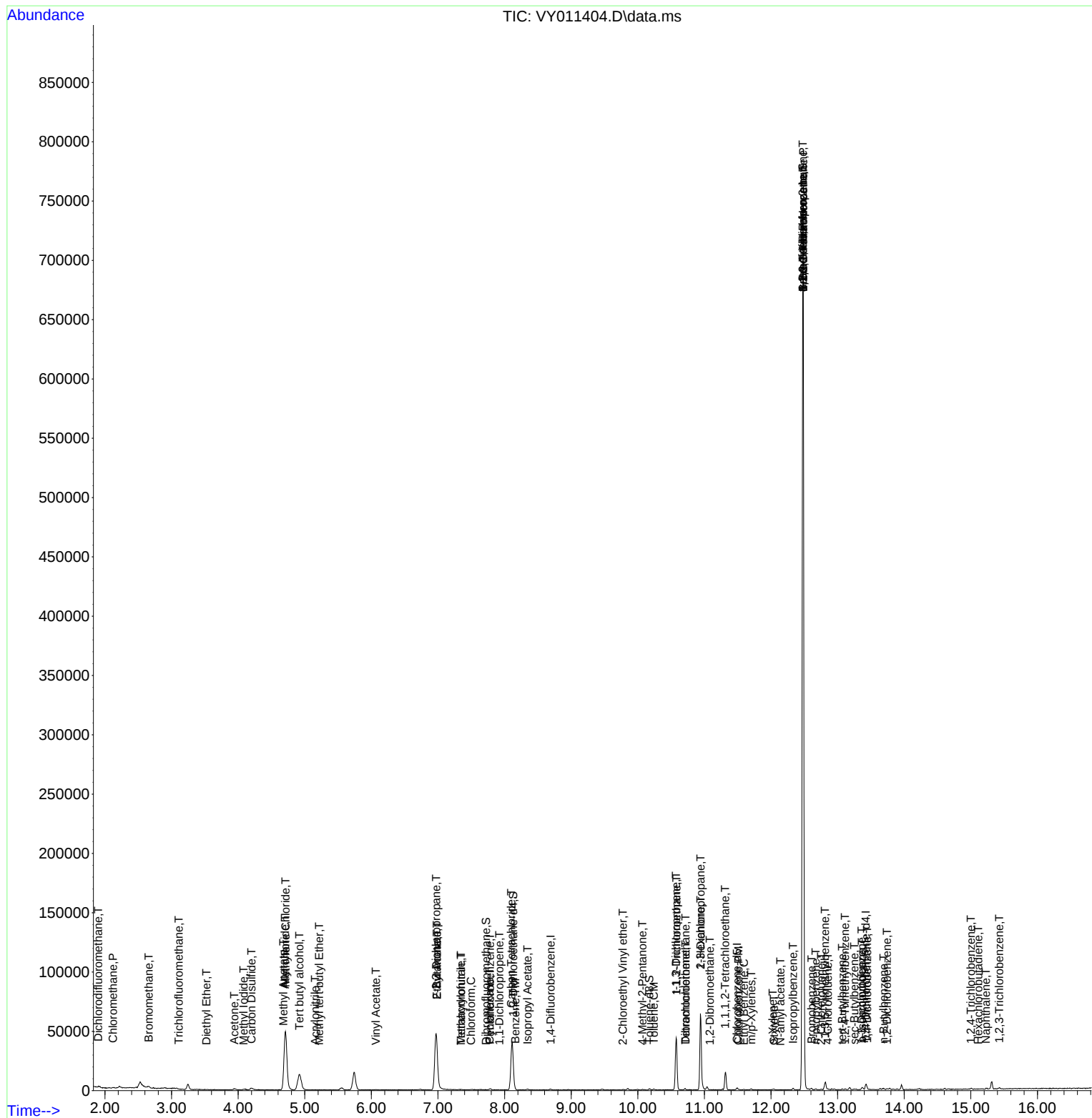
65) Chlorobenzene	11.514	112	281	12.294	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.313	131	330	38.589	ug/l #	1
67) Ethyl Benzene	11.593	91	329	8.237	ug/l	99
68) m/p-Xylenes	11.703	106	363	23.183	ug/l	76
69) o-Xylene	12.026	106	129	8.735	ug/l	93
70) Styrene	12.044	104	368	14.823	ug/l #	60
71) Bromoform	12.477	173	1451	273.740	ug/l #	28
73) Isopropylbenzene	12.331	105	404	3.987	ug/l #	48
74) N-amyl acetate	12.142	43	50	2.345	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.483	83	181	9.297	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	111889	6593.576	ug/l #	100
77) Bromobenzene	12.611	156	167	6.892	ug/l	90
78) n-propylbenzene	12.672	91	641	5.302	ug/l	88
79) 2-Chlorotoluene	12.752	91	438	6.335	ug/l	85
80) 1,3,5-Trimethylbenzene	12.813	105	507	5.932	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.477	75	111889	15848.978	ug/l #	7
82) 4-Chlorotoluene	12.855	91	628	8.749	ug/l	77
83) tert-Butylbenzene	13.069	119	265	3.586	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.111	105	458	5.460	ug/l	100
85) sec-Butylbenzene	13.251	105	483	4.441	ug/l #	74
86) p-Isopropyltoluene	13.367	119	539	5.912	ug/l #	73
87) 1,3-Dichlorobenzene	13.361	146	449	9.283	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	523	10.934	ug/l	94
89) n-Butylbenzene	13.690	91	655	7.996	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	374	8.716	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	412	16.288	ug/l #	85
94) Hexachlorobutadiene	15.111	225	95	6.357	ug/l #	59
95) Naphthalene	15.227	128	897	18.389	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.428	180	346	15.840	ug/l	93

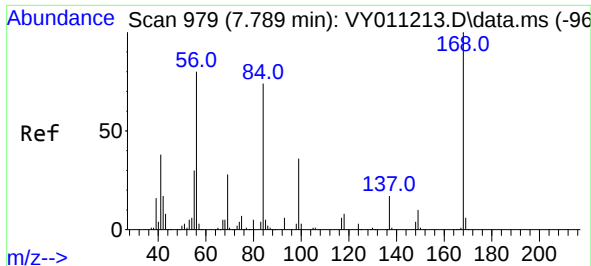
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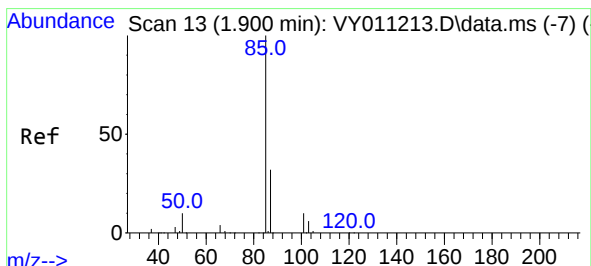
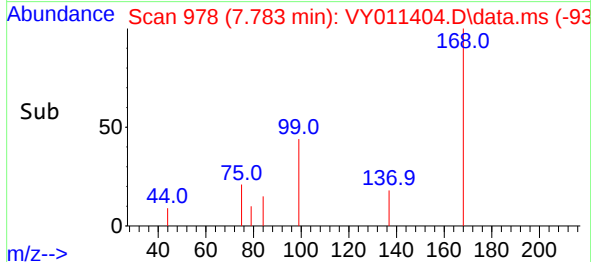
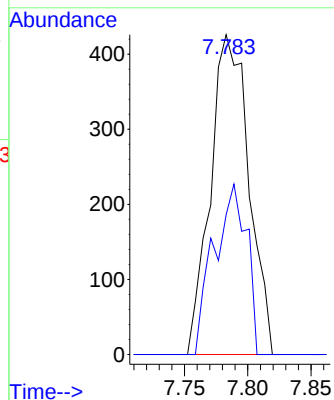
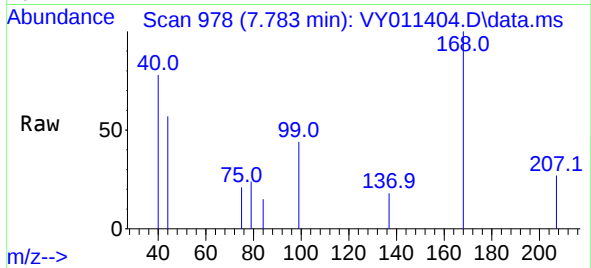




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011404.D
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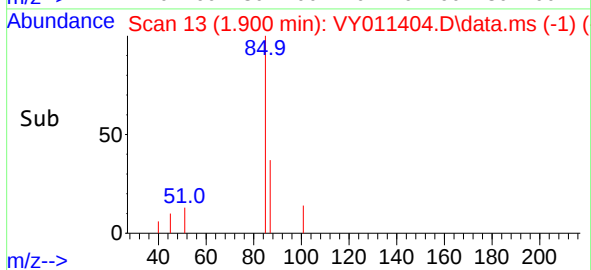
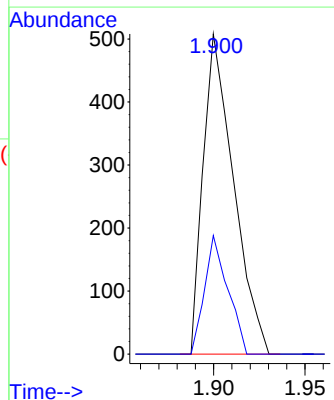
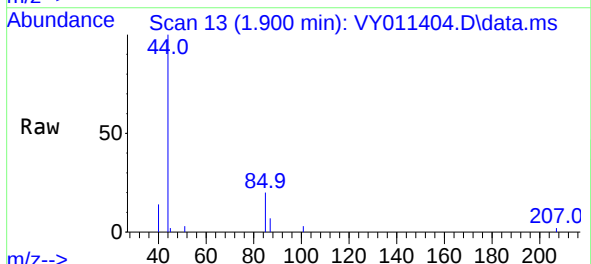
Instrument :
MSVOA_Y
ClientSampleId :
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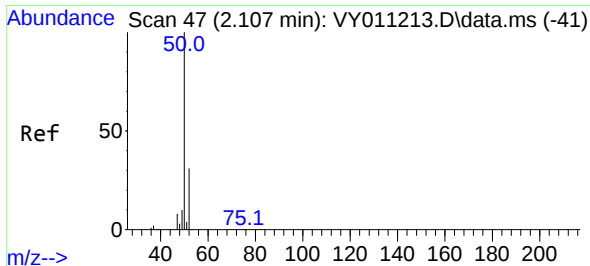
Tgt Ion:168 Resp: 898
Ion Ratio Lower Upper
168 100
99 43.7 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 116.053 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 85 Resp: 587
Ion Ratio Lower Upper
85 100
87 37.0 16.1 48.2

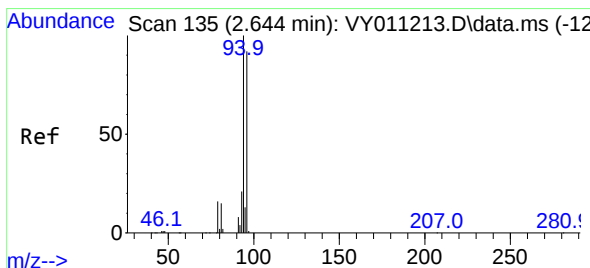
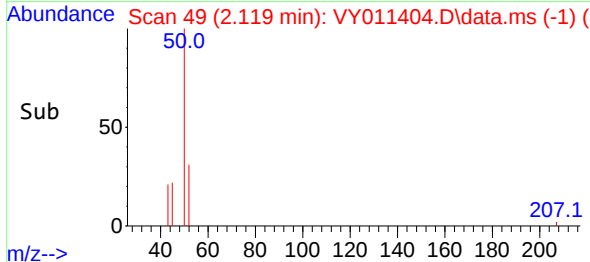
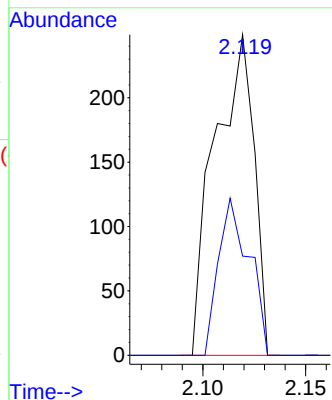
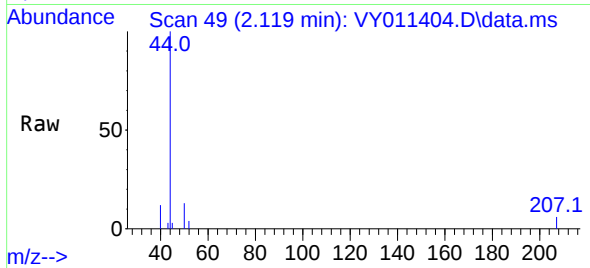




#3
Chloromethane
Concen: 45.862 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011404.D
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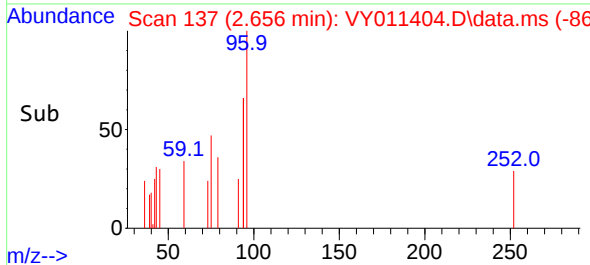
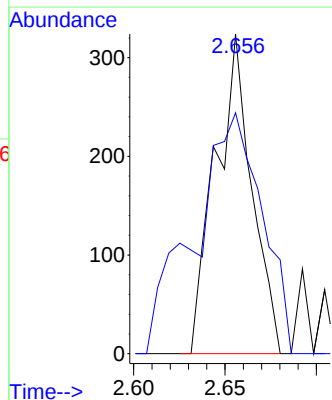
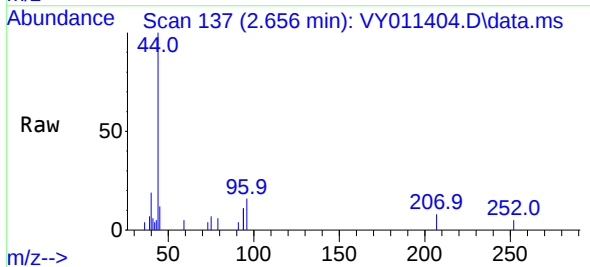
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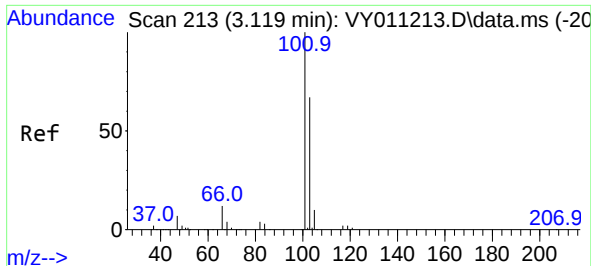
Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 30.9 24.6 37.0



#5
Bromomethane
Concen: 73.043 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 46.0 73.5 110.3#

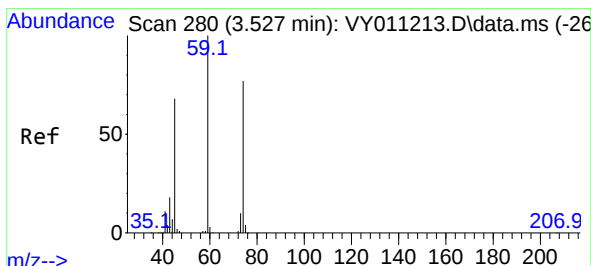
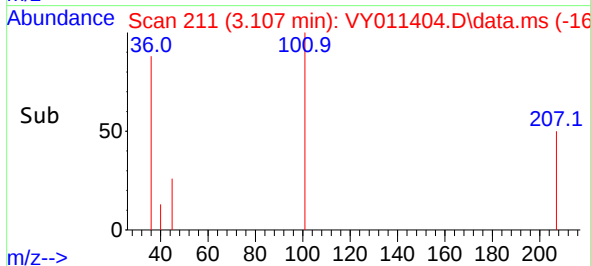
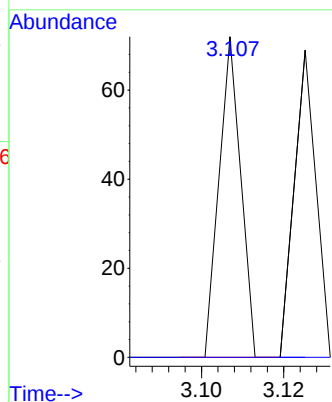
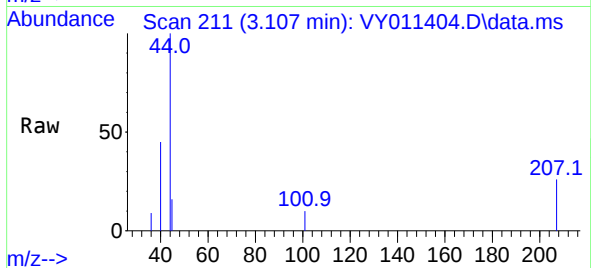




#7
Trichlorofluoromethane
Concen: 1.937 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.012 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

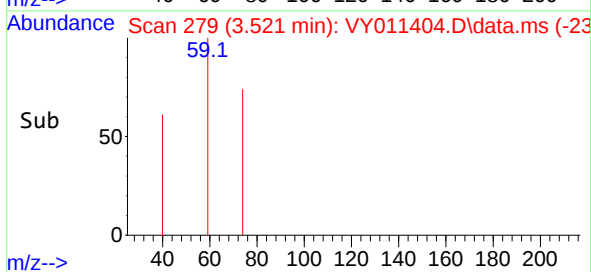
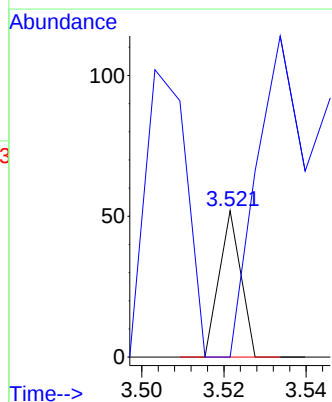
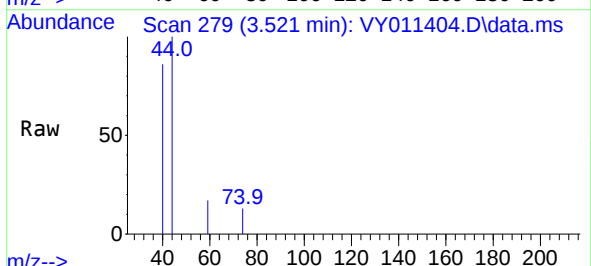
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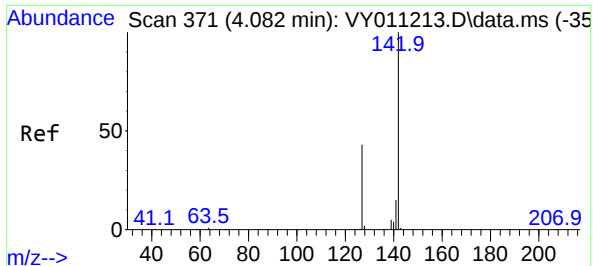
Tgt Ion:101 Resp: 26
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#



#8
Diethyl Ether
Concen: 4.031 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

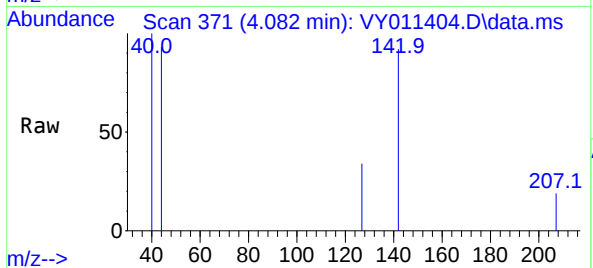
Tgt Ion: 74 Resp: 19
Ion Ratio Lower Upper
74 100
45 652.6 55.1 165.5#



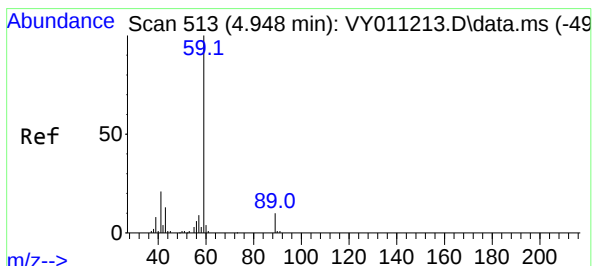
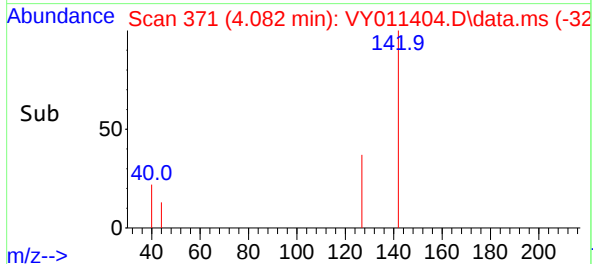
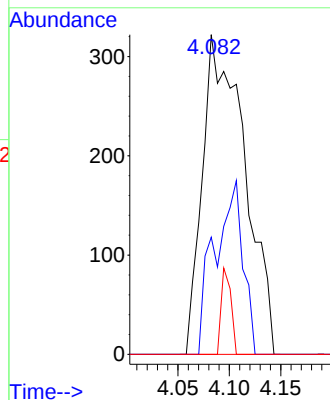


#10
Methyl Iodide
Concen: 84.669 ug/l
RT: 4.082 min Scan# 31
Delta R.T. -0.006 min
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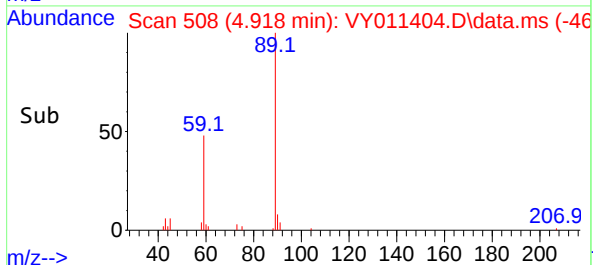
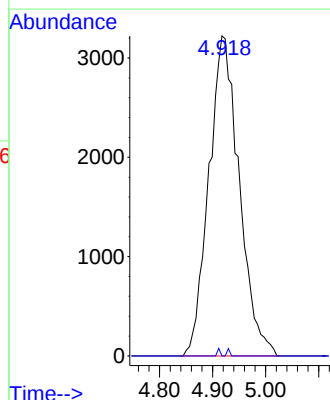
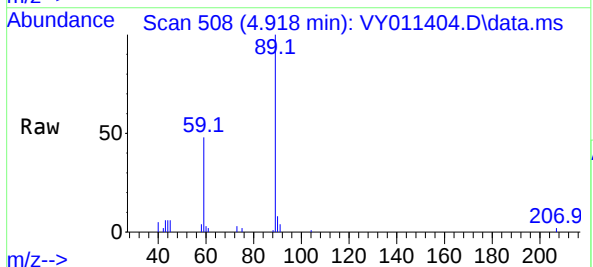


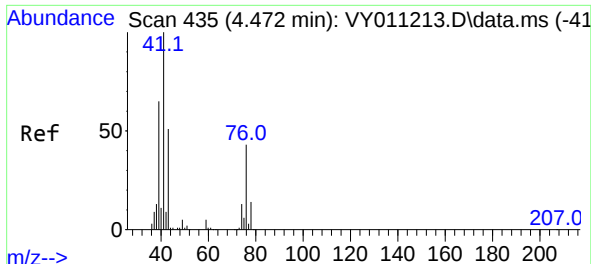
Tgt Ion:142 Resp: 919
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: 15752.270 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
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Tgt Ion: 59 Resp: 12828
Ion Ratio Lower Upper
59 100
57 0.2 6.4 9.6#





#14

Allyl chloride

Concen: 72.835 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.231 min

Lab File: VY011404.D

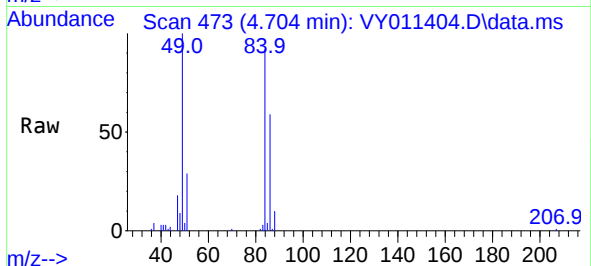
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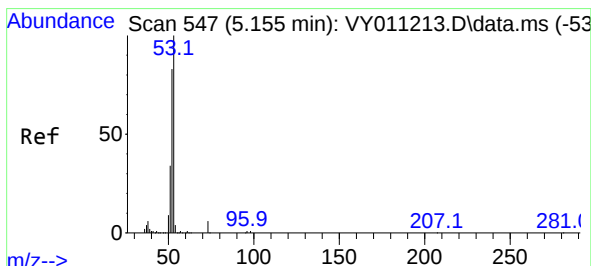
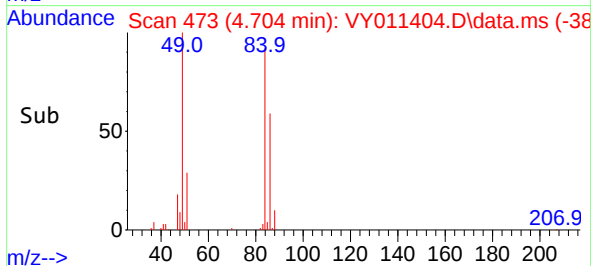
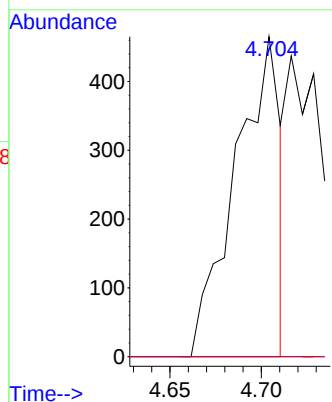
Tgt Ion: 41 Resp: 792

Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 0.0 25.1 37.7#



#15

Acrylonitrile

Concen: 19.536 ug/l

RT: 5.155 min Scan# 547

Delta R.T. 0.000 min

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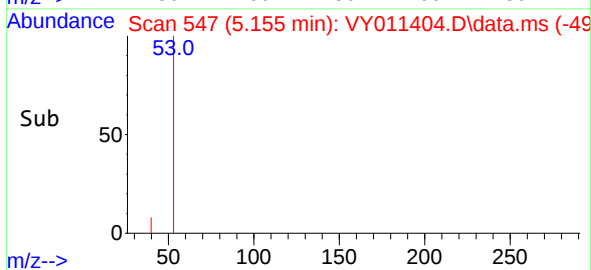
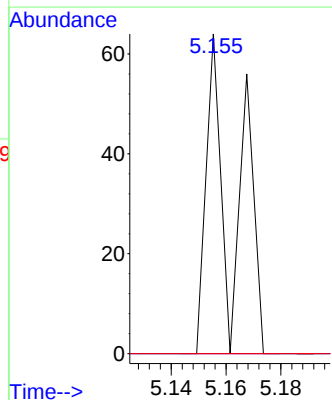
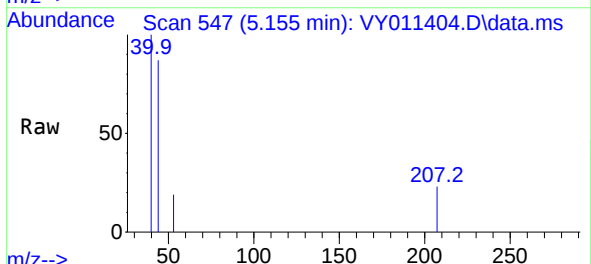
Tgt Ion: 53 Resp: 44

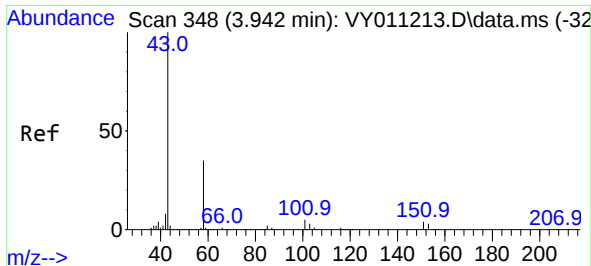
Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

51 0.0 29.8 44.6#

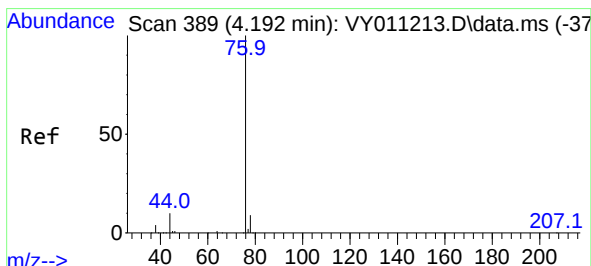
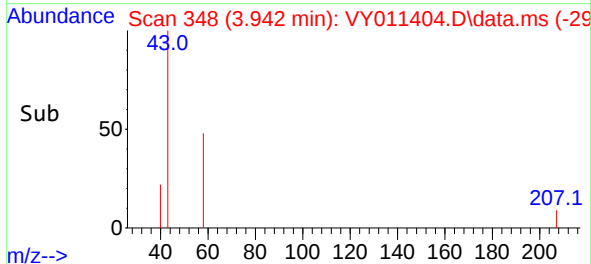
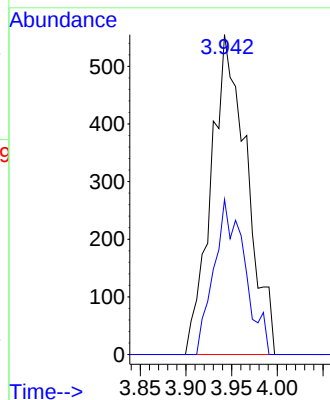
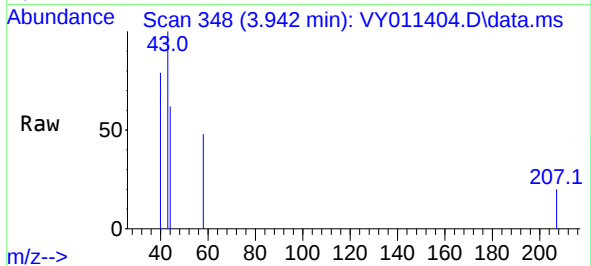




#16
Acetone
Concen: 760.440 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

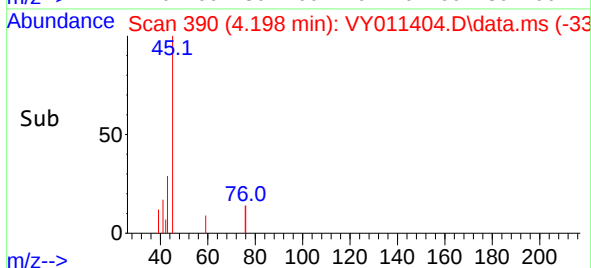
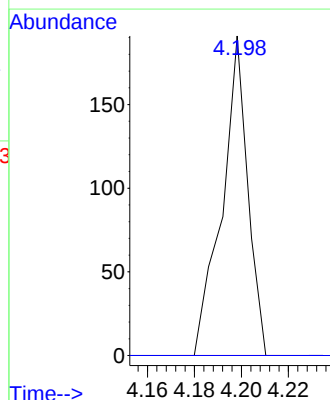
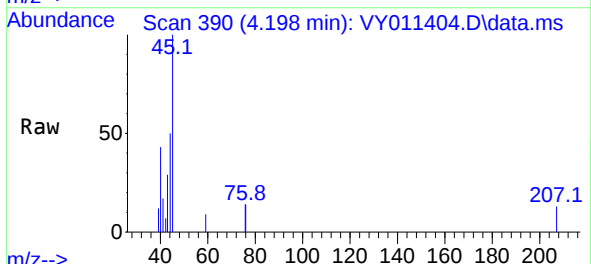
Instrument :
MSVOA_Y
ClientSampleId :
BFB

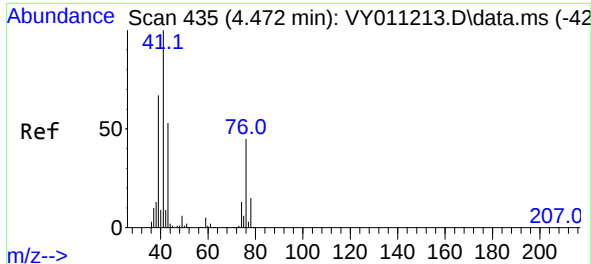
Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
58 48.5 22.0 33.0#



#17
Carbon Disulfide
Concen: 6.042 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 76 Resp: 145
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 24.483 ug/l

RT: 4.680 min Scan# 4

Delta R.T. 0.207 min

Lab File: VY011404.D

Acq: 10 Nov 2022 20:48

Instrument :

MSVOA_Y

ClientSampleId :

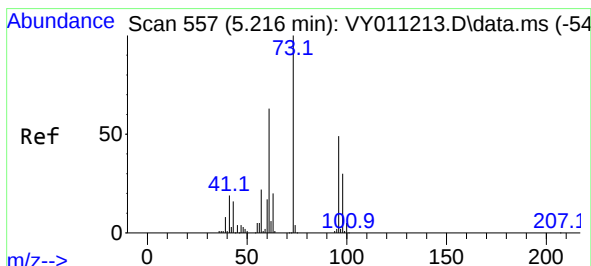
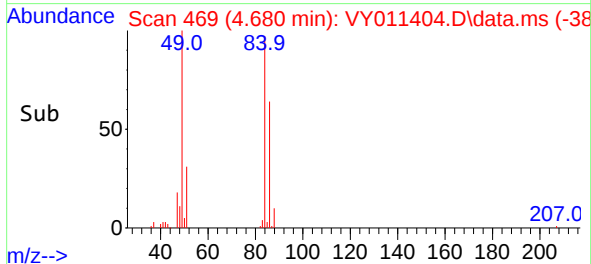
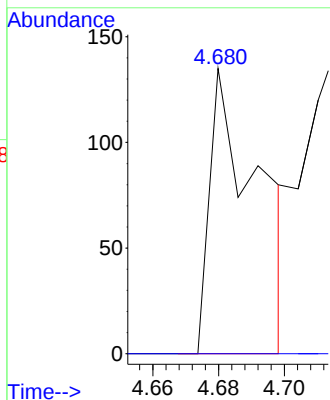
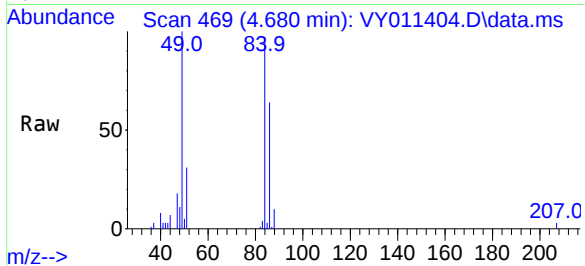
BFB

Tgt Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#19

Methyl tert-butyl Ether

Concen: 8.399 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY011404.D

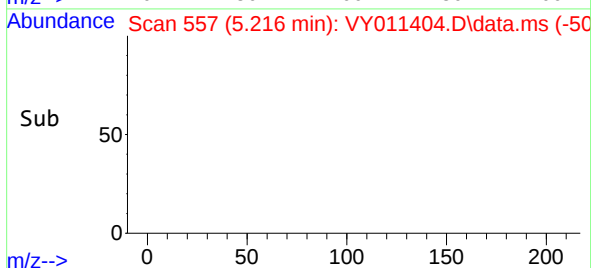
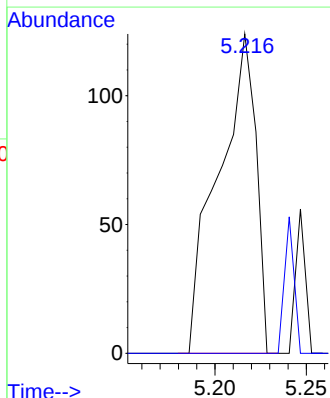
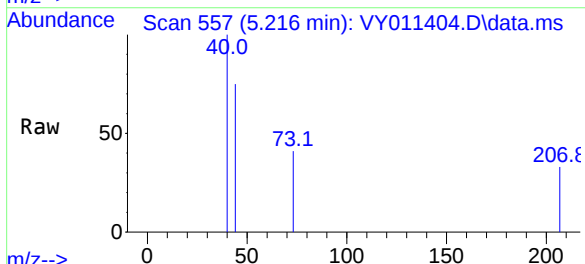
Acq: 10 Nov 2022 20:48

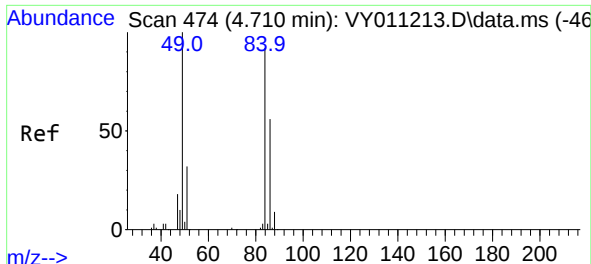
Tgt Ion: 73 Resp: 177

Ion Ratio Lower Upper

73 100

57 0.0 18.6 27.8#

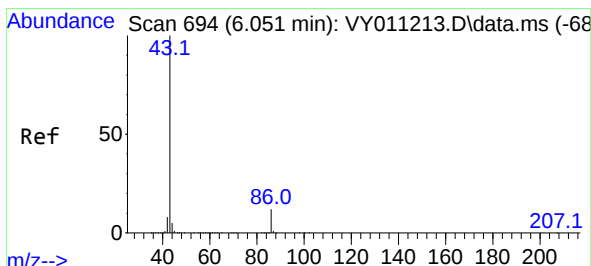
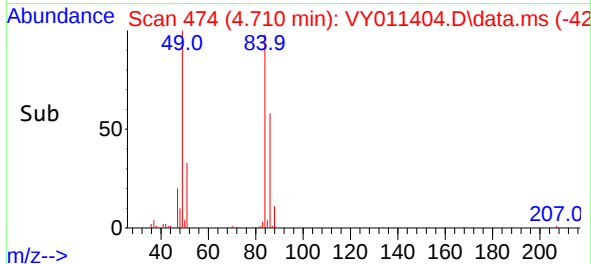
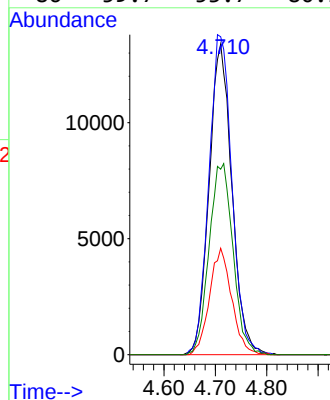
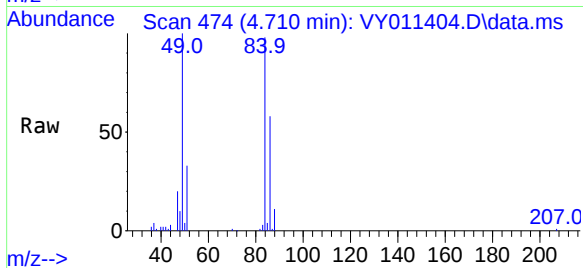




#20
Methylene Chloride
Concen: 4484.527 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

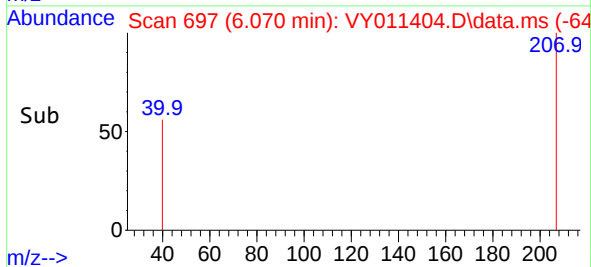
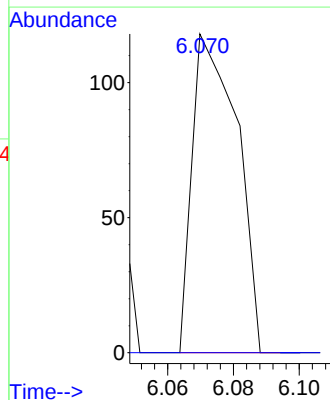
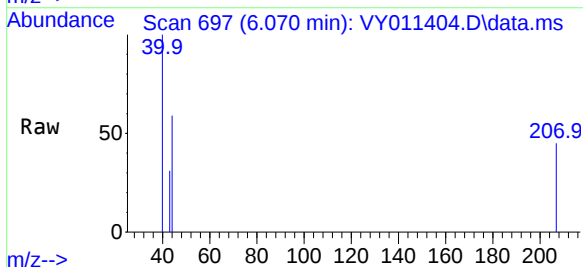
Instrument :
MSVOA_Y
ClientSampleId :
BFB

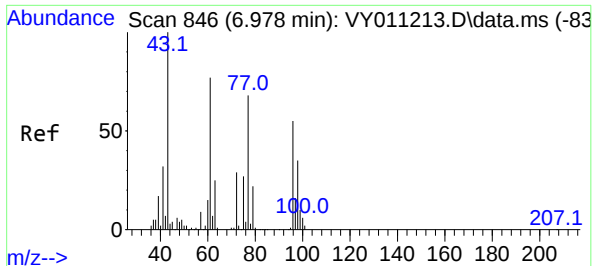
Tgt Ion:	84	Resp:	41234
Ion	Ratio	Lower	Upper
84	100		
49	102.3	114.4	171.6#
51	34.2	35.3	52.9#
86	59.7	53.7	80.5



#23
Vinyl Acetate
Concen: 8.176 ug/l
RT: 6.070 min Scan# 697
Delta R.T. 0.012 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:	43	Resp:	111
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#25

2-Butanone

Concen: 773.208 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY011404.D

Acq: 10 Nov 2022 20:48

Instrument :

MSVOA_Y

ClientSampleId :

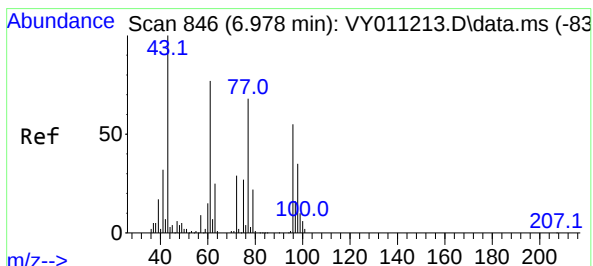
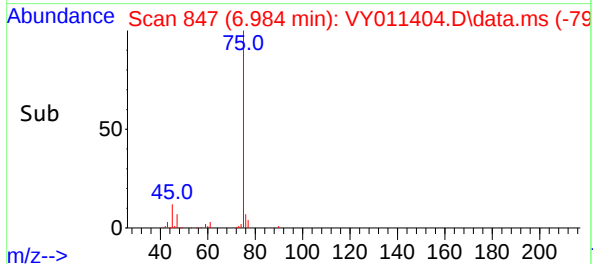
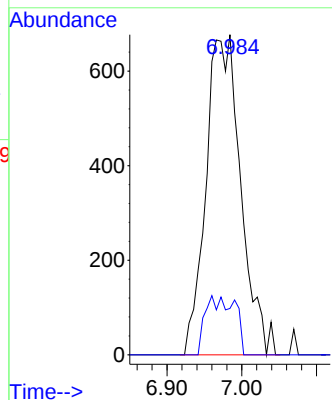
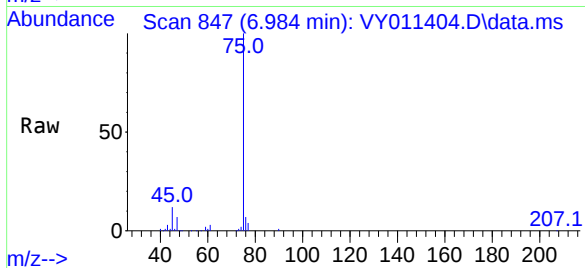
BFB

Tgt Ion: 43 Resp: 2187

Ion Ratio Lower Upper

43 100

72 14.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 270.571 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY011404.D

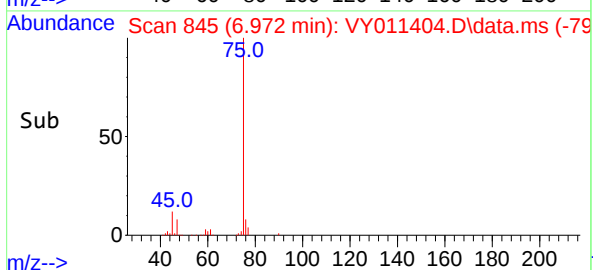
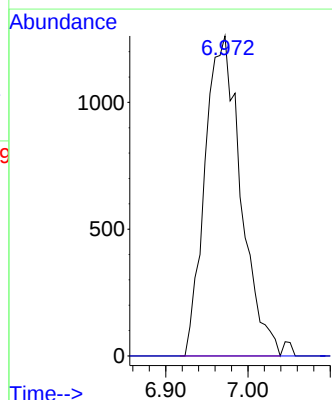
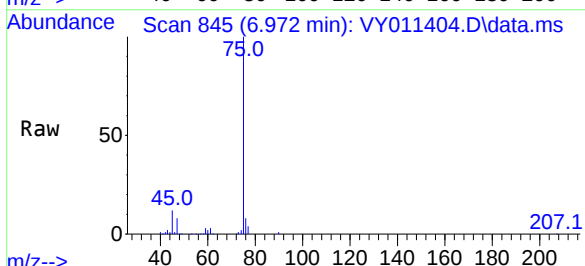
Acq: 10 Nov 2022 20:48

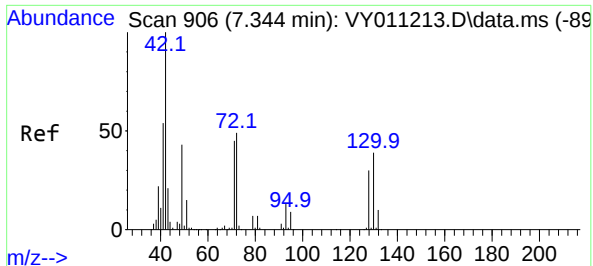
Tgt Ion: 77 Resp: 3824

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

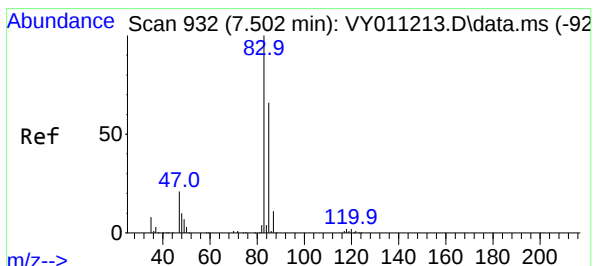
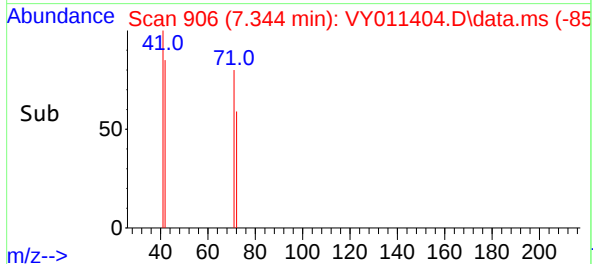
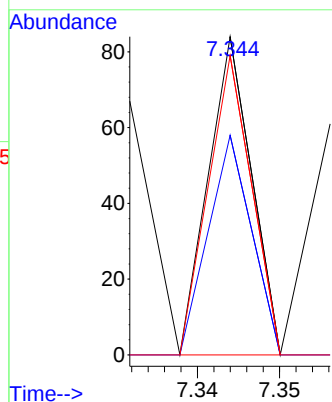
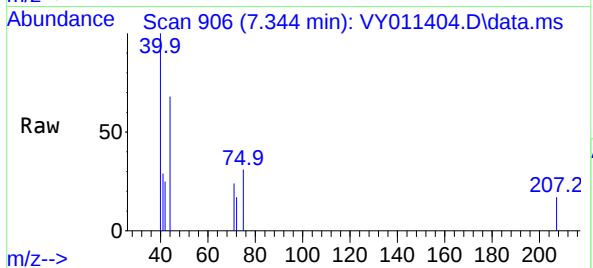




#29
Tetrahydrofuran
Concen: 18.093 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

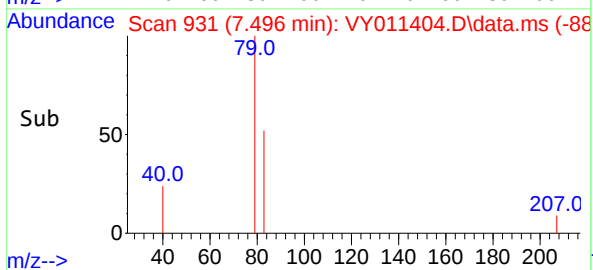
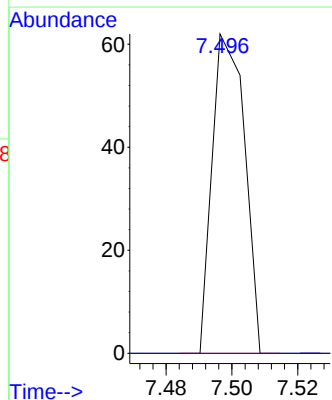
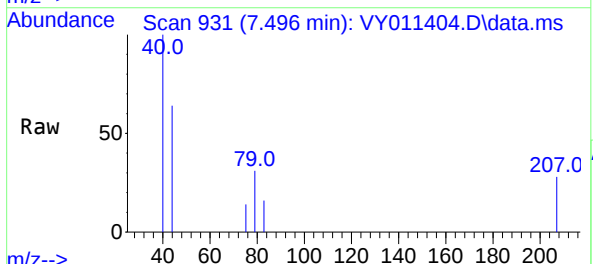
Instrument :
MSVOA_Y
ClientSampleId :
BFB

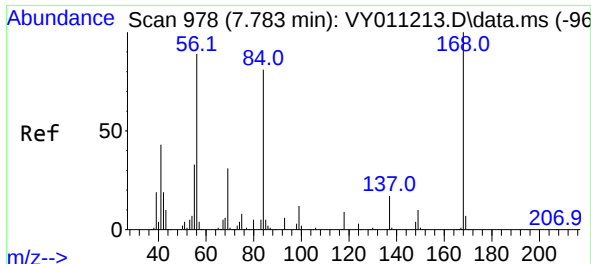
Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
72 67.7 30.3 45.5#
71 93.5 29.0 43.4#



#30
Chloroform
Concen: 2.628 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#

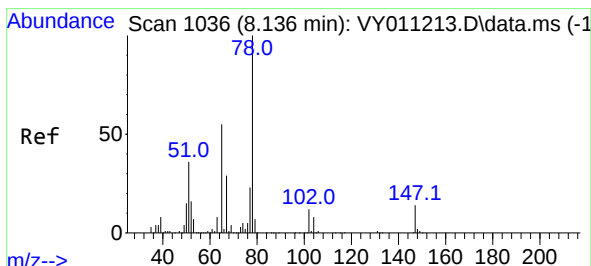
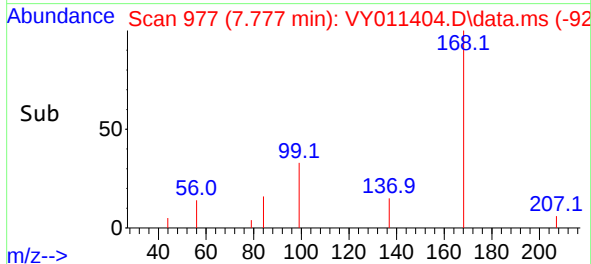
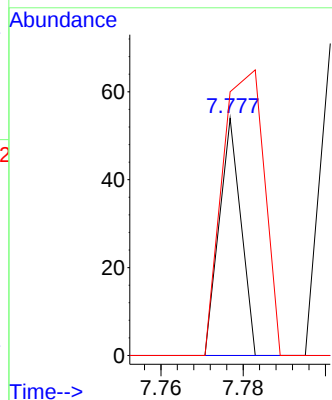
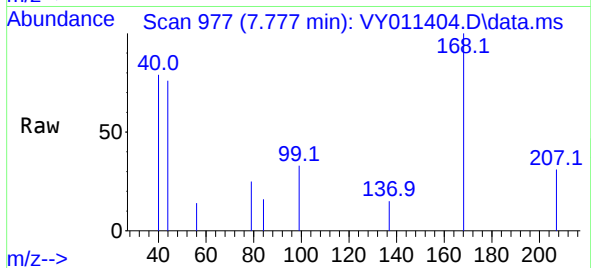




#31
Cyclohexane
Concen: 1.479 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

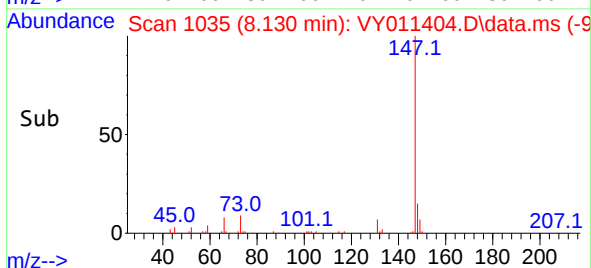
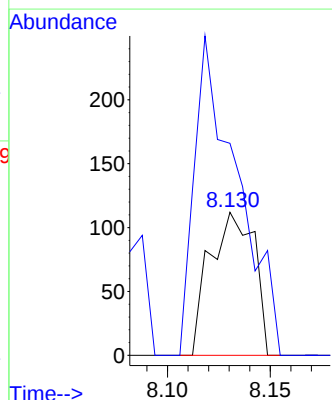
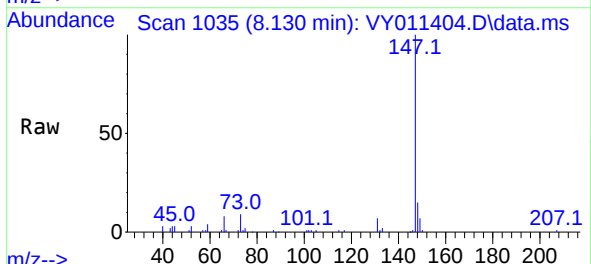
Instrument :
MSVOA_Y
ClientSampleId :
BFB

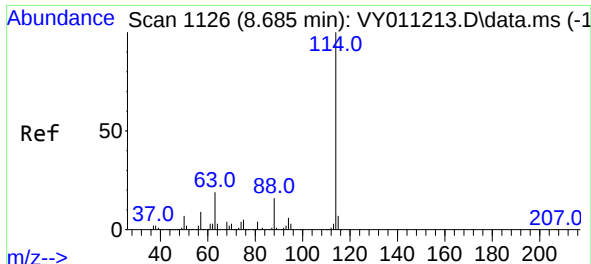
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 111.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 22.326 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 65 Resp: 168
Ion Ratio Lower Upper
65 100
67 216.7 0.0 99.4#





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011404.D

Acq: 10 Nov 2022 20:48

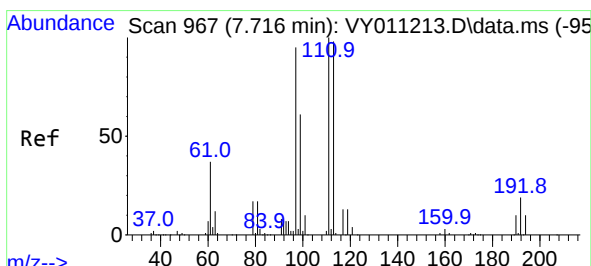
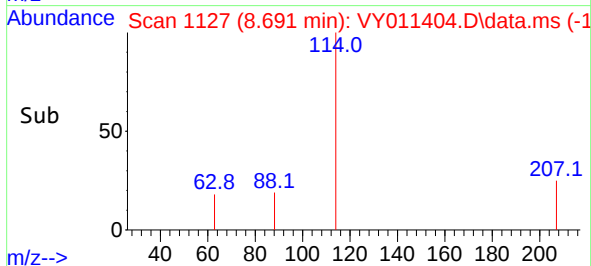
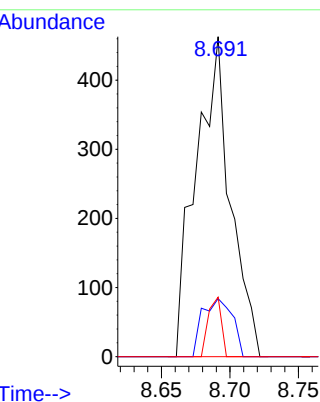
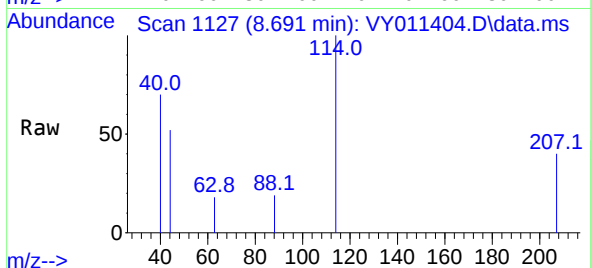
Instrument :

MSVOA_Y

ClientSampleId :

BFB

Tgt Ion:114	Resp:	807
Ion	Ratio	Lower Upper
114	100	
63	18.1	0.0 43.2
88	18.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 5.749 ug/l

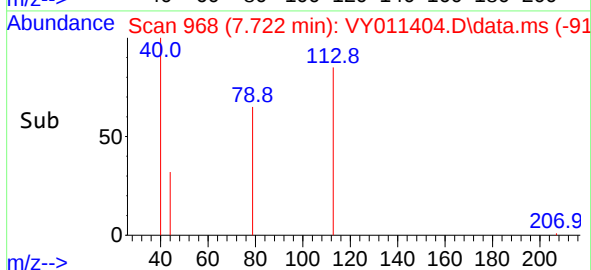
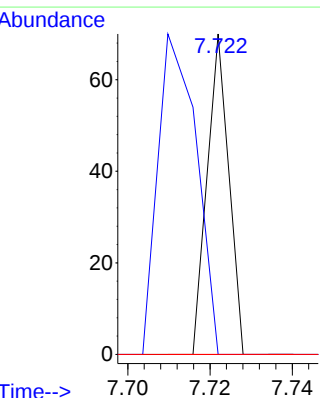
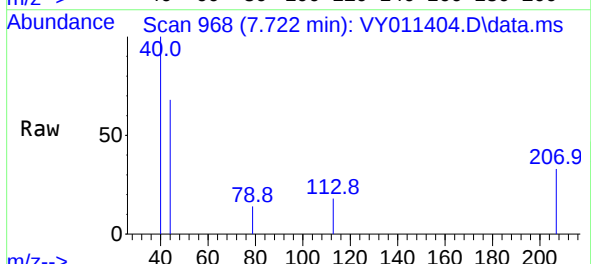
RT: 7.722 min Scan# 968

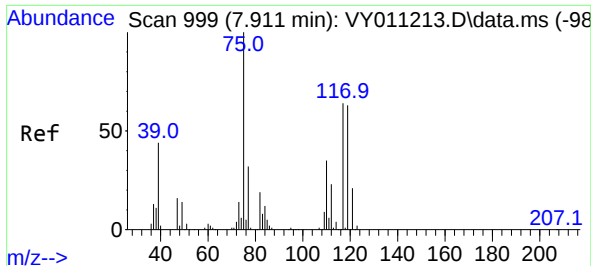
Delta R.T. 0.012 min

Lab File: VY011404.D

Acq: 10 Nov 2022 20:48

Tgt Ion:113	Resp:	26
Ion	Ratio	Lower Upper
113	100	
111	173.1	82.6 124.0#
192	0.0	17.6 26.4#

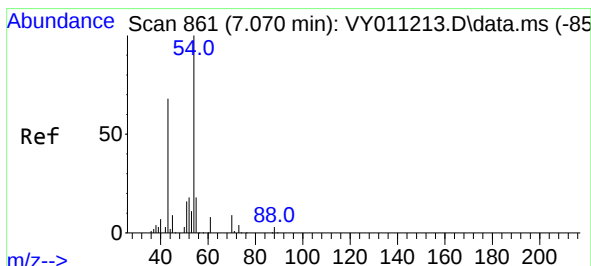
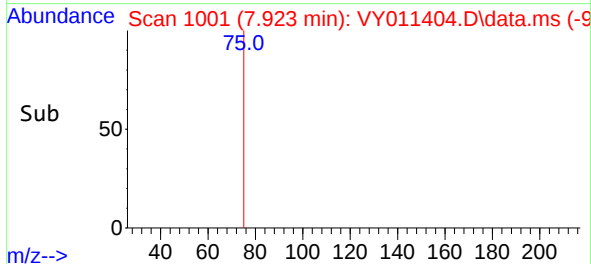
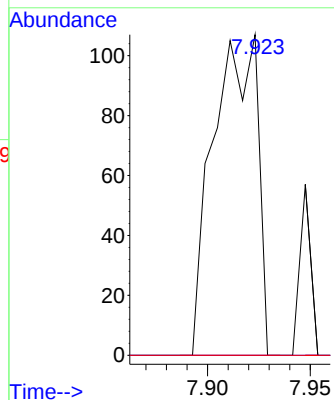
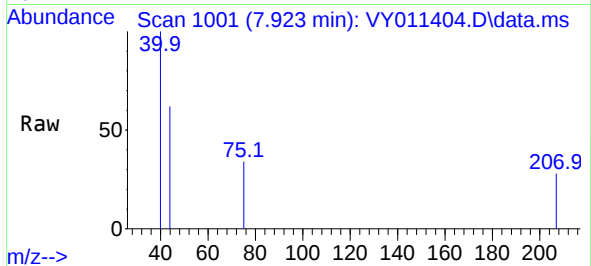




#36
1,1-Dichloropropene
Concen: 22.794 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

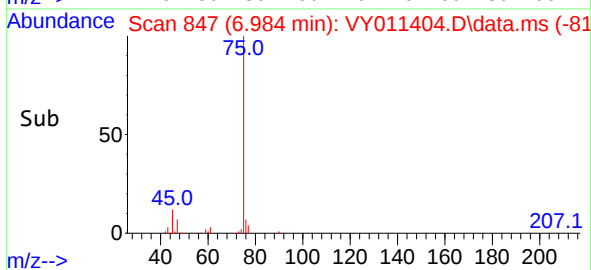
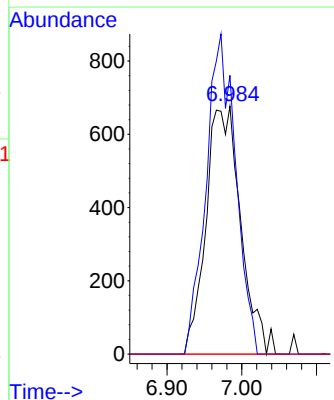
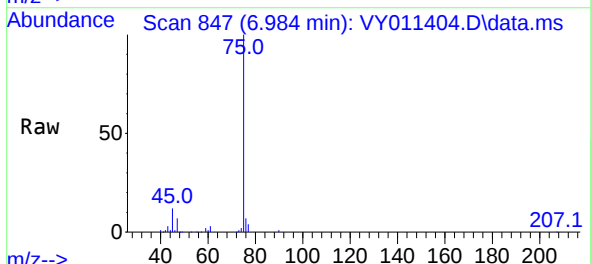
Instrument :
MSVOA_Y
ClientSampleId :
BFB

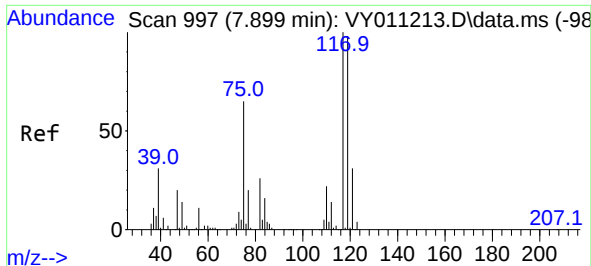
Tgt Ion: 75 Resp: 160
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 648.602 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
61 110.2 9.7 14.5#
70 0.0 7.1 10.7#

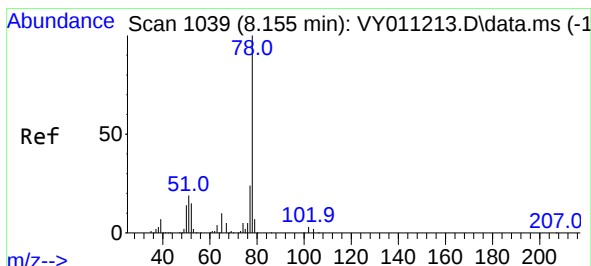
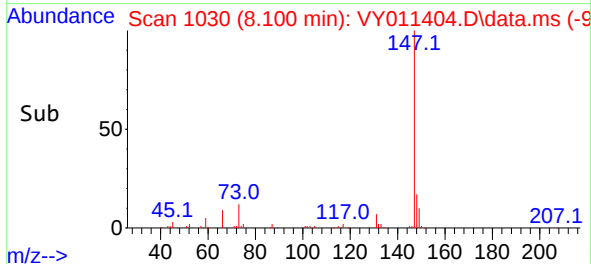
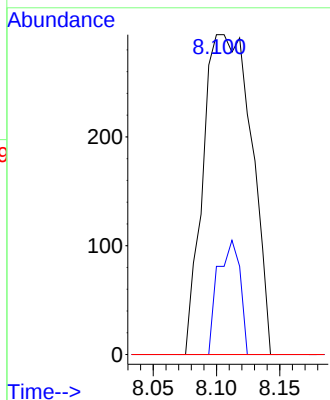
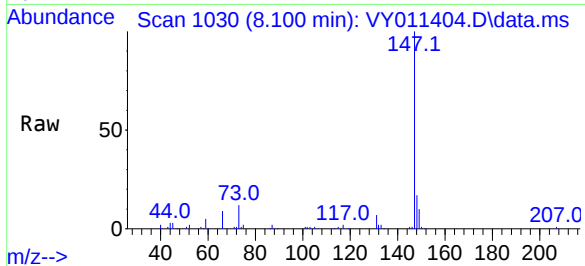




#38
Carbon Tetrachloride
Concen: 102.155 ug/l
RT: 8.100 min Scan# 1040
Delta R.T. 0.201 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

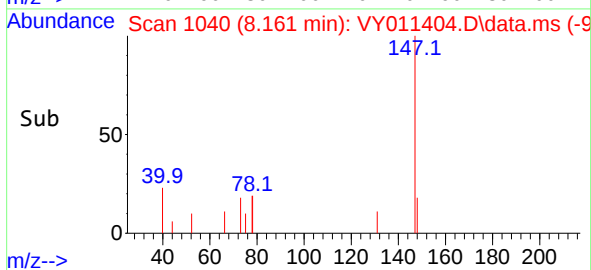
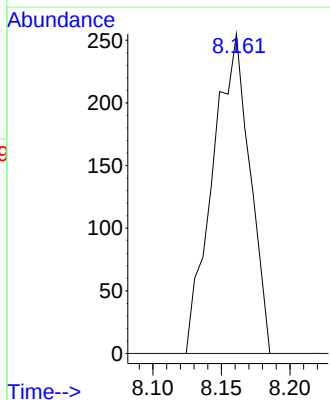
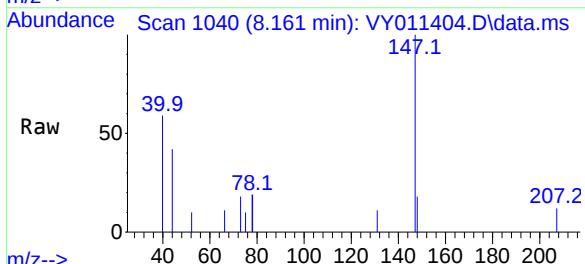
Instrument :
MSVOA_Y
ClientSampleId :
BFB

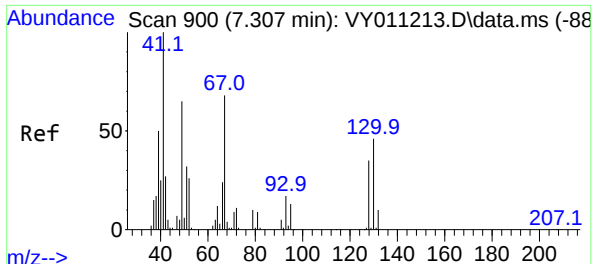
Tgt Ion:117 Resp: 780
Ion Ratio Lower Upper
117 100
119 27.6 77.9 116.9#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 22.947 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 78 Resp: 481
Ion Ratio Lower Upper
78 100
77 0.0 20.4 30.6#

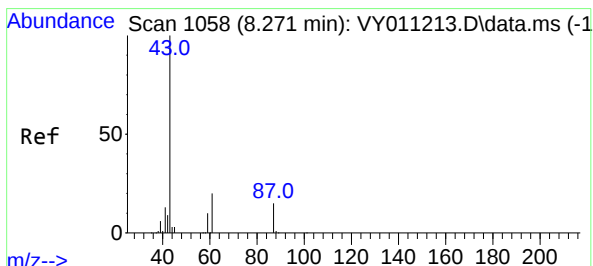
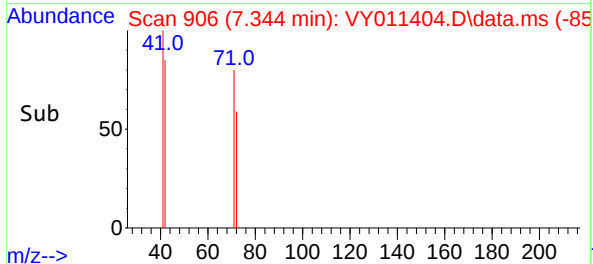
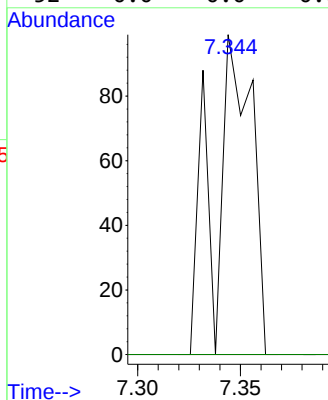
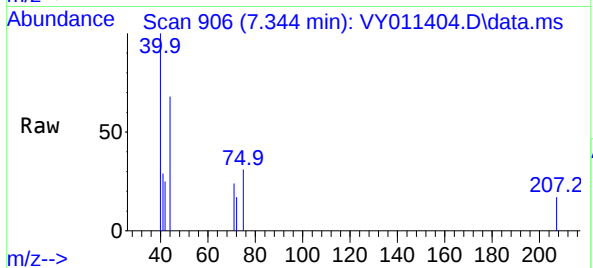




#41
Methacrylonitrile
Concen: 72.736 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

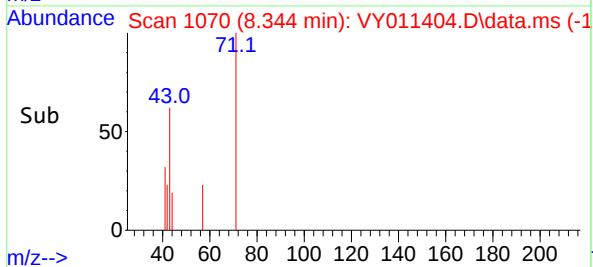
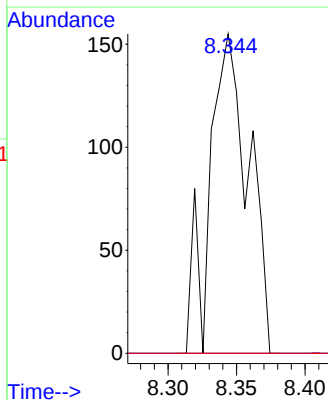
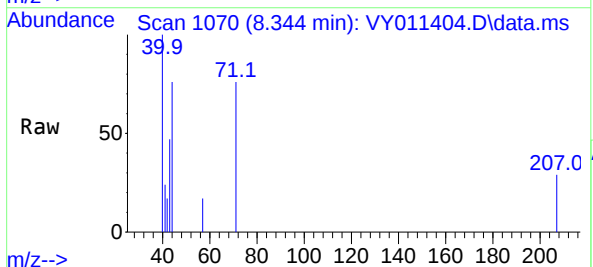
Instrument :
MSVOA_Y
ClientSampleId :
BFB

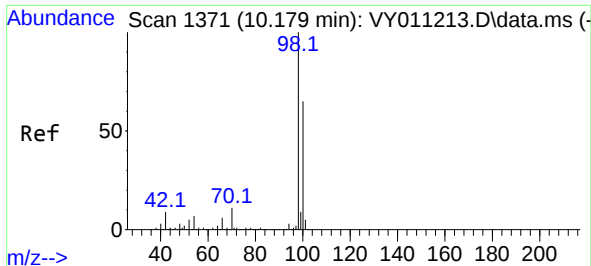
Tgt Ion:	41	Resp:	127
Ion	Ratio	Lower	Upper
41	100		
39	0.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 50.634 ug/l
RT: 8.344 min Scan# 1070
Delta R.T. 0.073 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:	43	Resp:	308
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.2	30.2#
87	0.0	8.9	13.3#

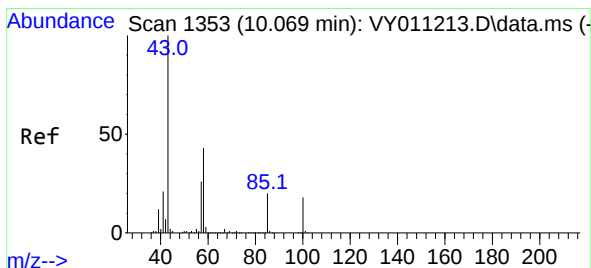
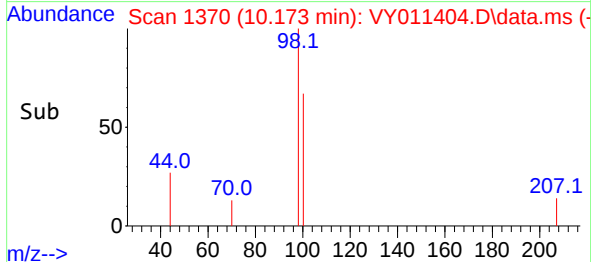
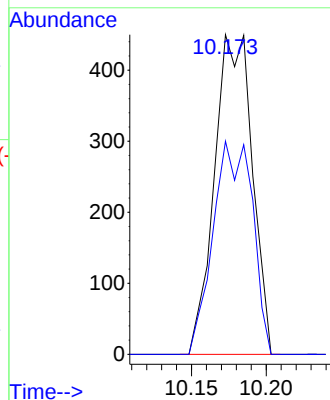
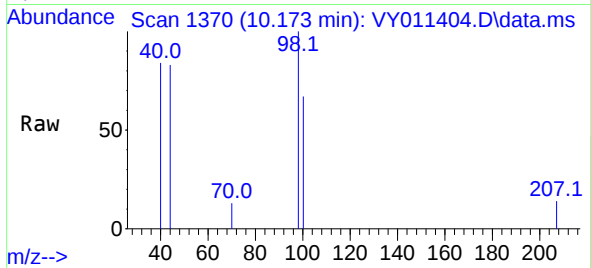




#50
Toluene-d8
Concen: 45.608 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

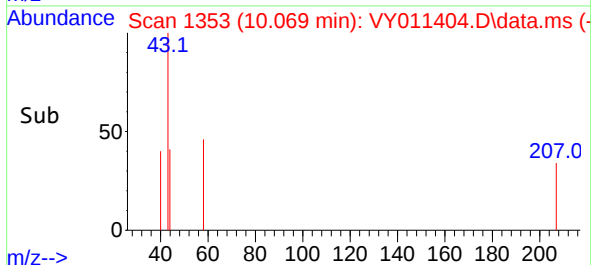
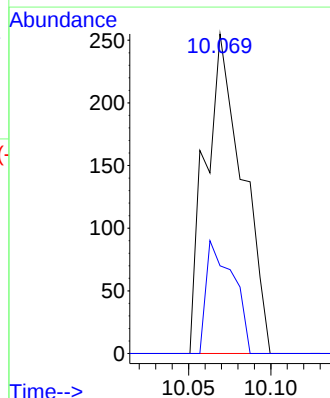
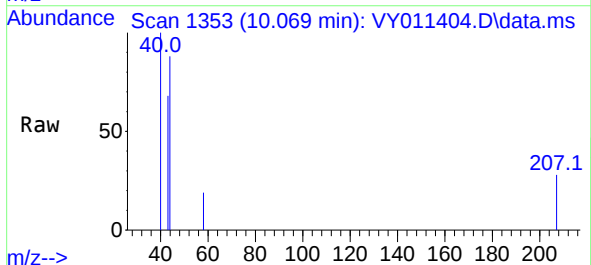
Instrument :
MSVOA_Y
ClientSampleId :
BFB

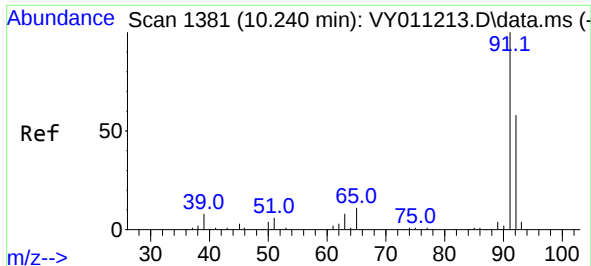
Tgt Ion: 98 Resp: 788
Ion Ratio Lower Upper
98 100
100 69.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 122.285 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 25.5 28.1 42.1#

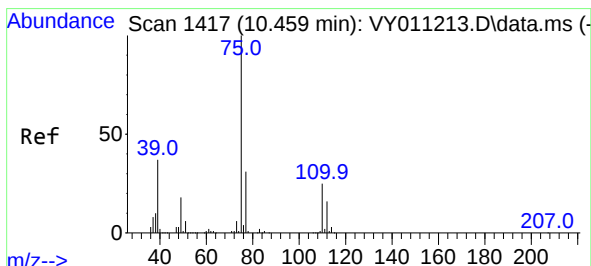
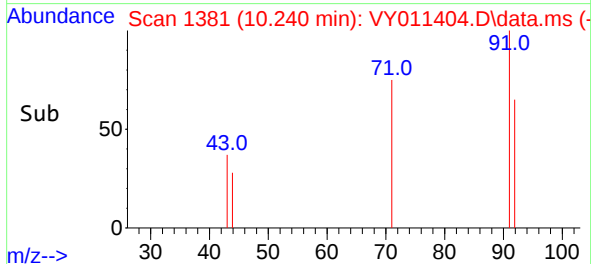
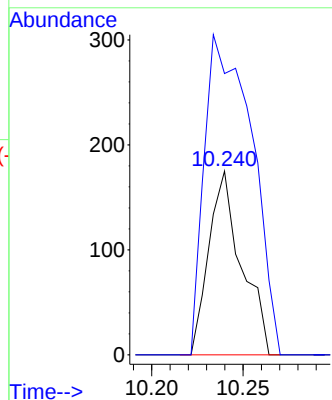
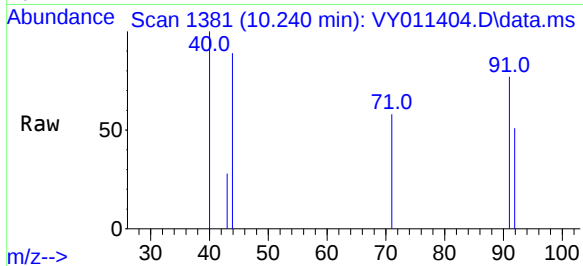




#52
Toluene
Concen: 16.286 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

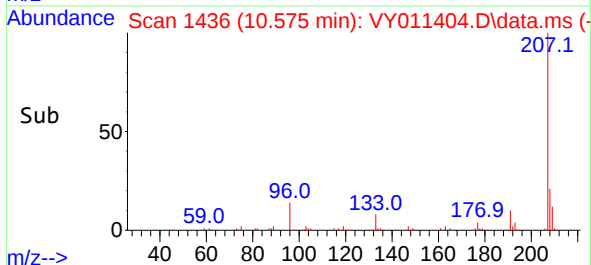
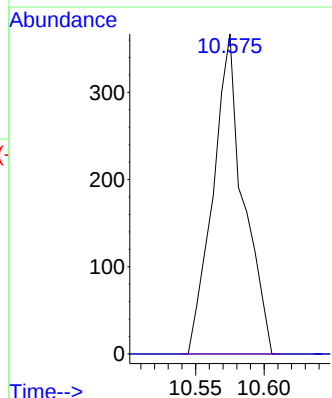
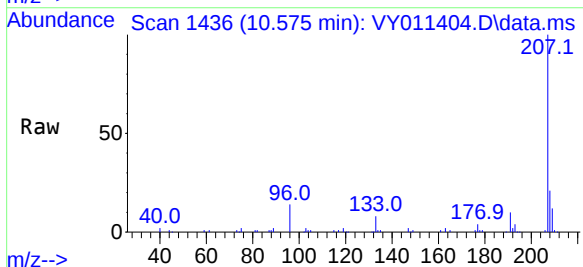
Instrument :
MSVOA_Y
ClientSampleId :
BFB

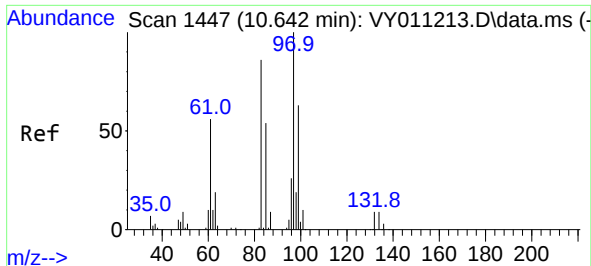
Tgt Ion: 92 Resp: 218
Ion Ratio Lower Upper
92 100
91 251.8 142.6 213.8#



#53
t-1,3-Dichloropropene
Concen: 79.156 ug/l
RT: 10.575 min Scan# 1436
Delta R.T. 0.110 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 75 Resp: 568
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

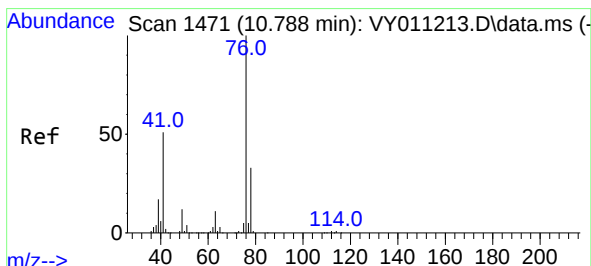
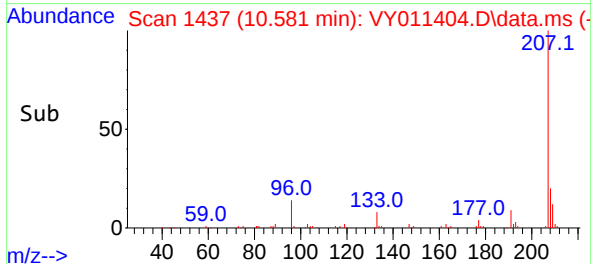
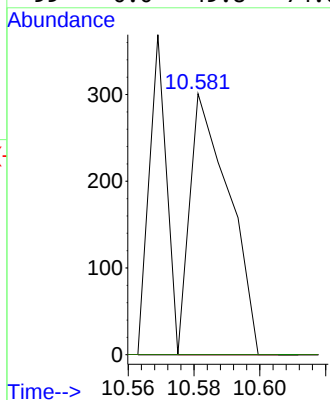
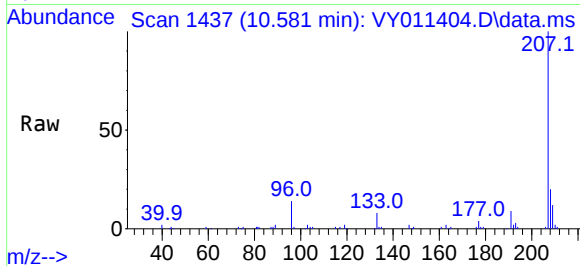




#55
1,1,2-Trichloroethane
Concen: 59.198 ug/l
RT: 10.581 min Scan# 1447
Delta R.T. -0.061 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

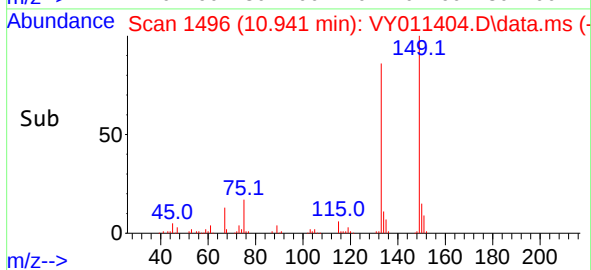
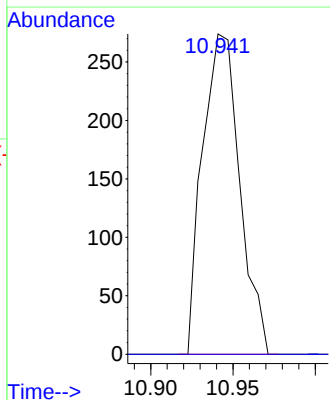
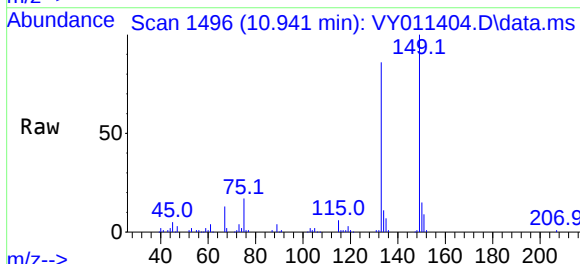
Instrument :
MSVOA_Y
ClientSampleId :
BFB

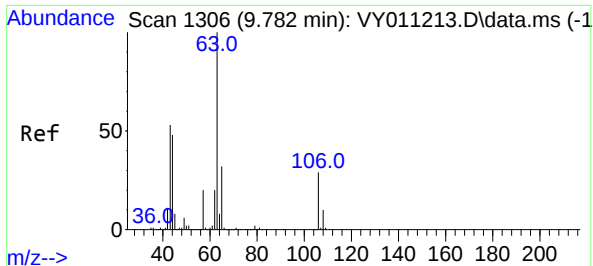
Tgt Ion: 97 Resp: 249
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#



#57
1,3-Dichloropropane
Concen: 61.566 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.153 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 76 Resp: 432
Ion Ratio Lower Upper
76 100
78 0.0 25.0 37.6#

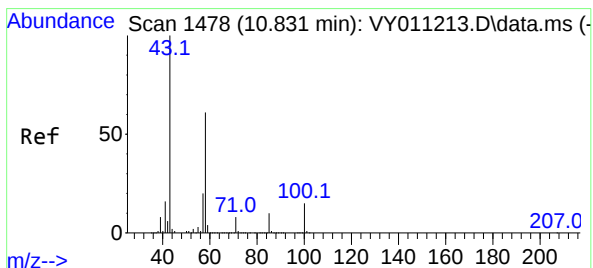
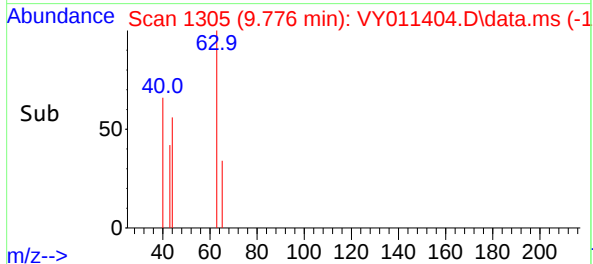
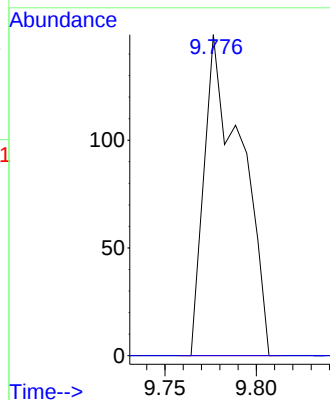
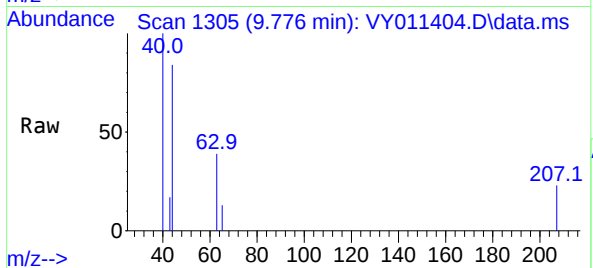




#58
2-Chloroethyl Vinyl ether
Concen: 83.990 ug/l
RT: 9.776 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

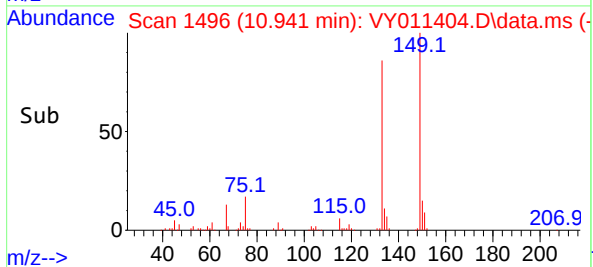
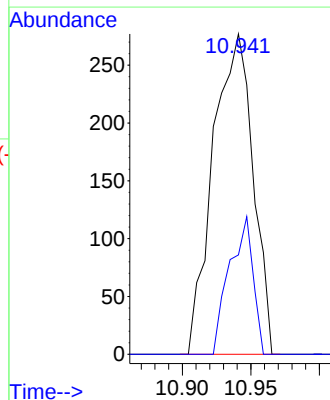
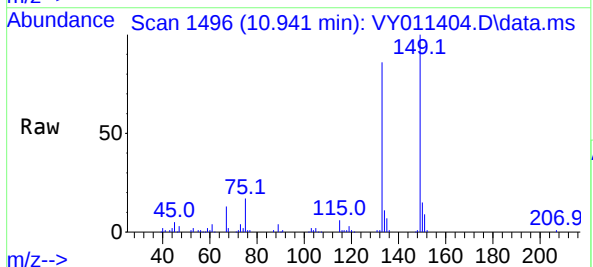
Instrument :
MSVOA_Y
ClientSampleId :
BFB

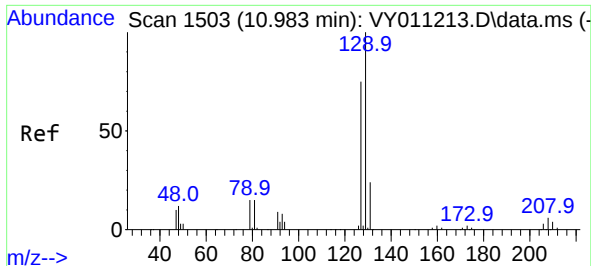
Tgt Ion: 63 Resp: 210
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 242.525 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.110 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 25.4 24.4 73.4

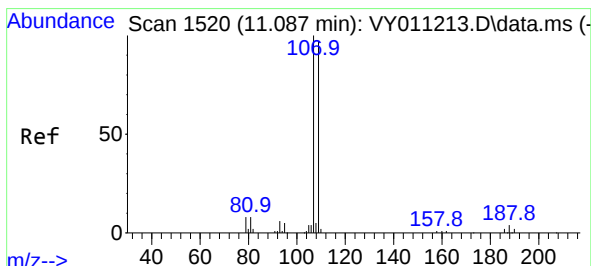
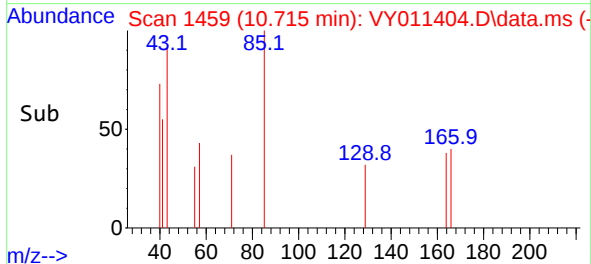
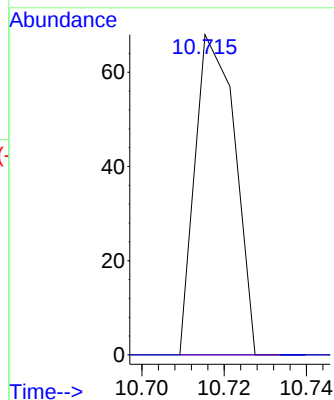
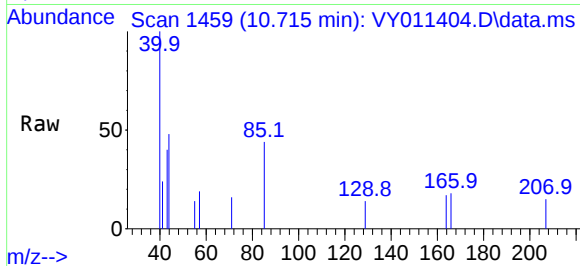




#60
Dibromochloromethane
Concen: 8.860 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.269 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

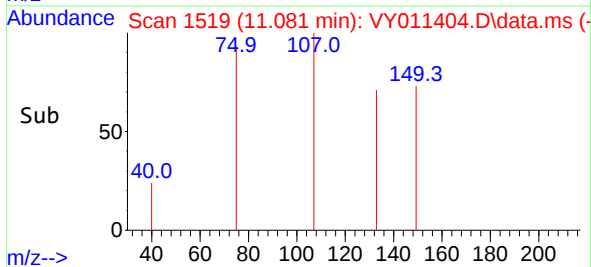
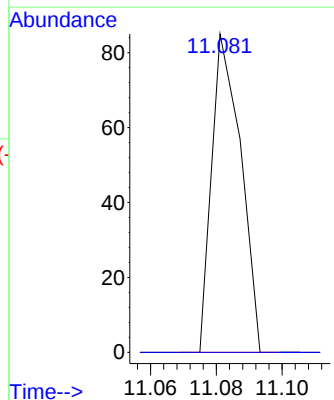
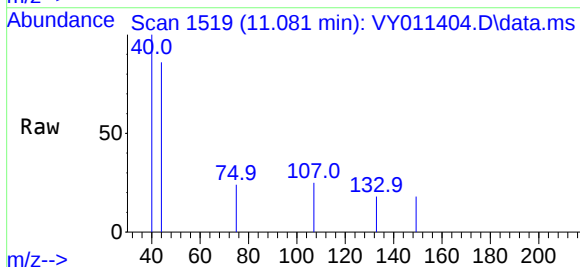
Instrument :
MSVOA_Y
ClientSampleId :
BFB

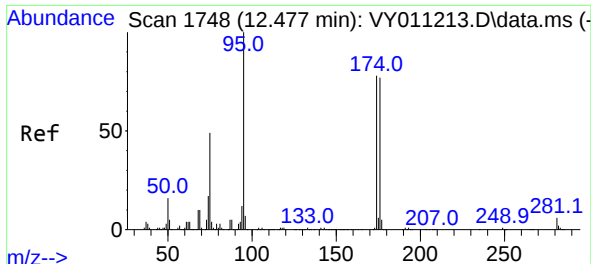
Tgt Ion:129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#61
1,2-Dibromoethane
Concen: 12.858 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:107 Resp: 52
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#

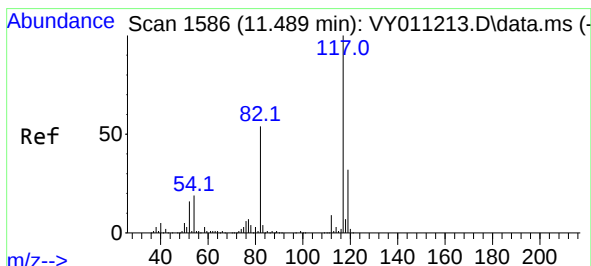
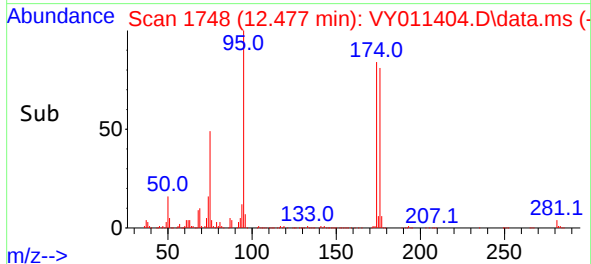
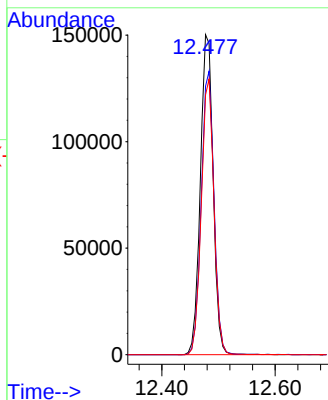
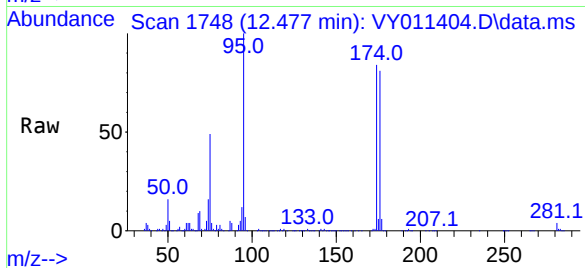




#62
4-Bromofluorobenzene
Concen: 39007.336 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

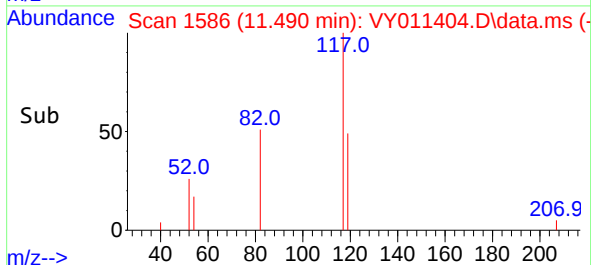
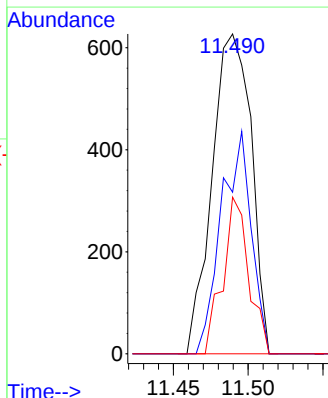
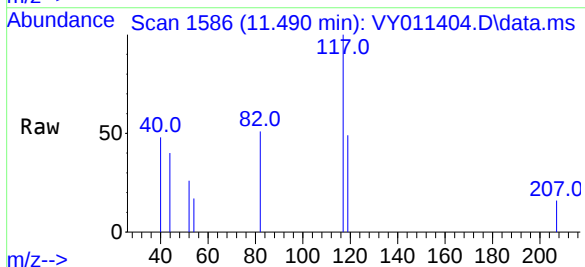
Instrument :
MSVOA_Y
ClientSampleId :
BFB

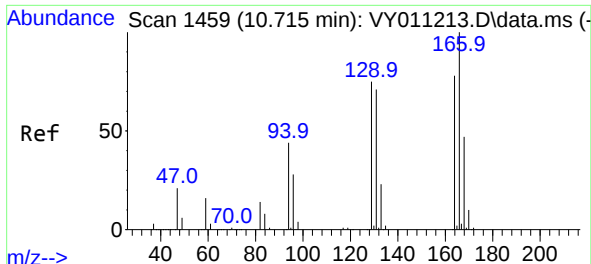
Tgt Ion: 95 Resp: 235071
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 85.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 117 Resp: 1142
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 49.0 25.4 38.0#

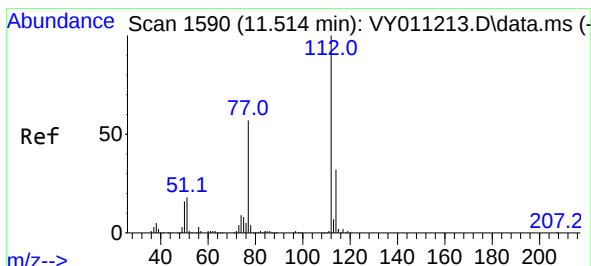
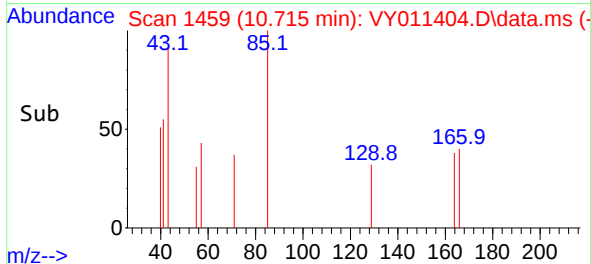
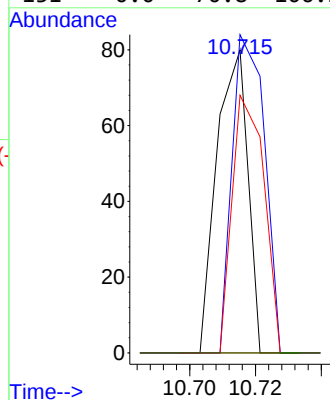
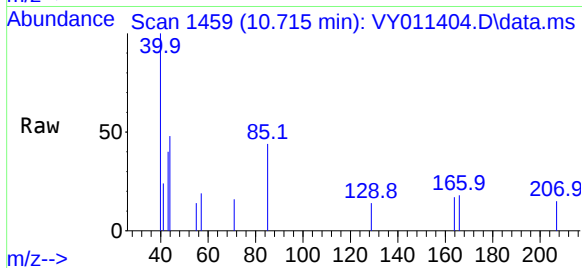




#64
Tetrachloroethene
Concen: 5.696 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

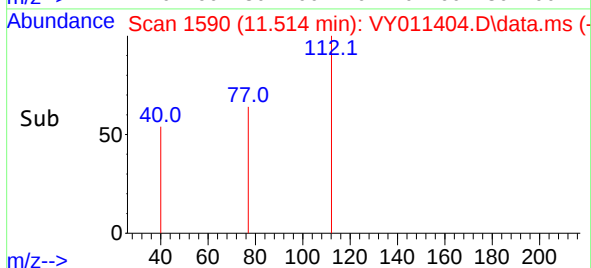
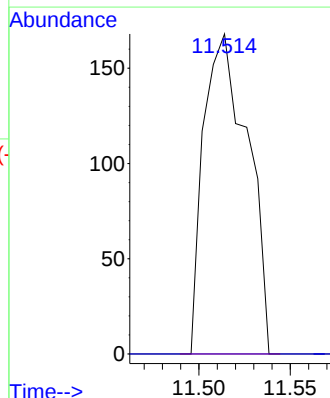
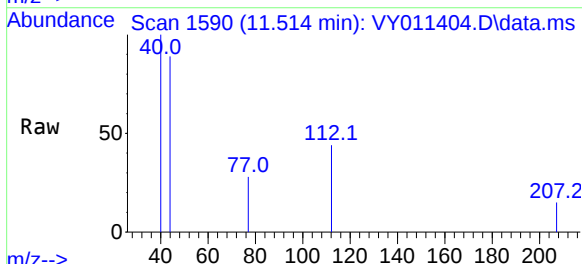
Instrument :
MSVOA_Y
ClientSampleId :
BFB

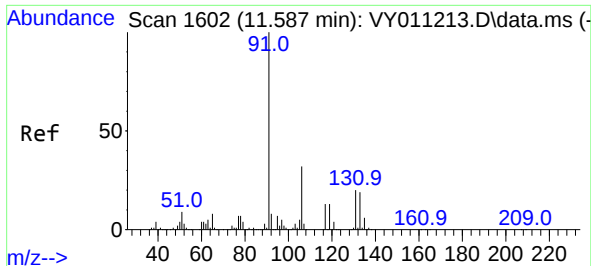
Tgt Ion:164	Resp:	52
Ion	Ratio	Lower Upper
164	100	
166	105.0	100.4 150.6
129	85.0	71.4 107.0
131	0.0	70.8 106.2#



#65
Chlorobenzene
Concen: 12.294 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:112	Resp:	281
Ion	Ratio	Lower Upper
112	100	
114	0.0	25.8 38.6#

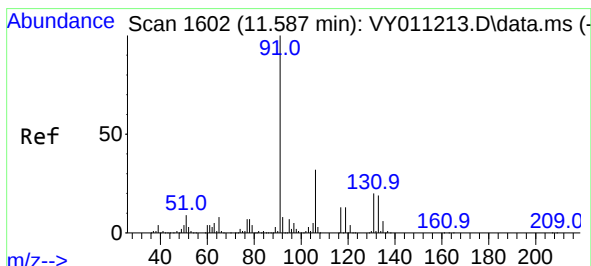
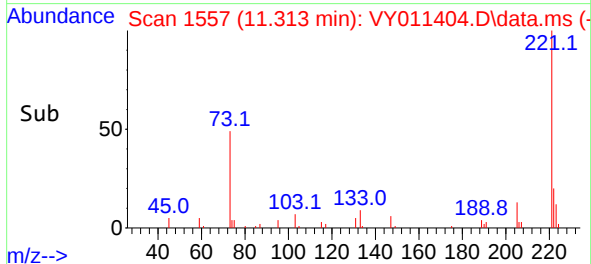
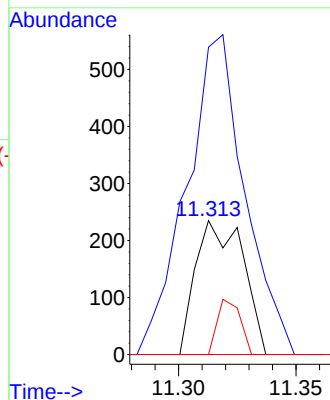
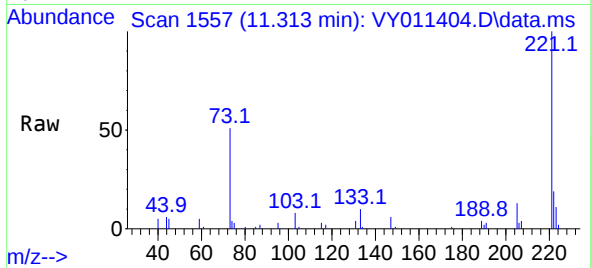




#66
1,1,1,2-Tetrachloroethane
Concen: 38.589 ug/l
RT: 11.313 min Scan# 11
Delta R.T. -0.274 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

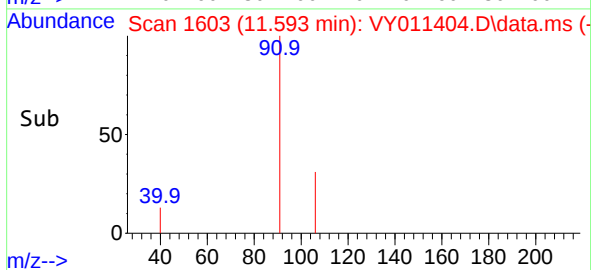
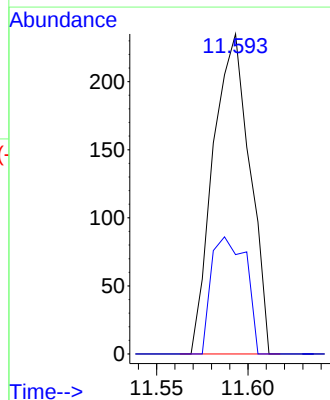
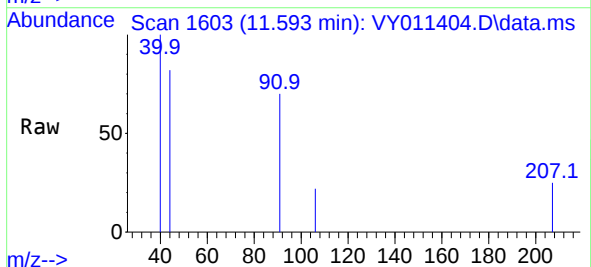
Instrument :
MSVOA_Y
ClientSampleId :
BFB

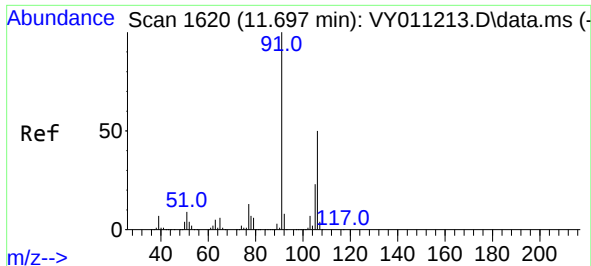
Tgt Ion:131 Resp: 330
Ion Ratio Lower Upper
131 100
133 243.3 47.9 143.6#
119 19.7 30.8 92.3#



#67
Ethyl Benzene
Concen: 8.237 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 91 Resp: 329
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

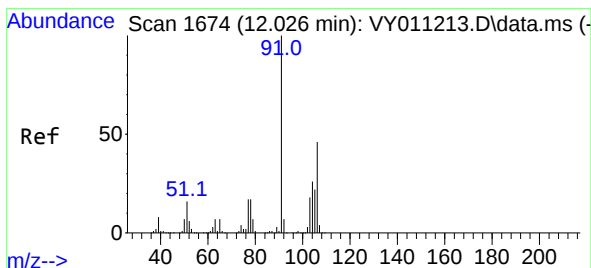
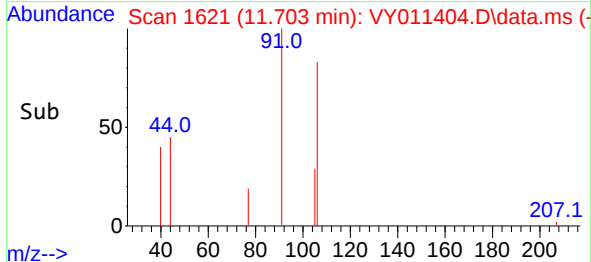
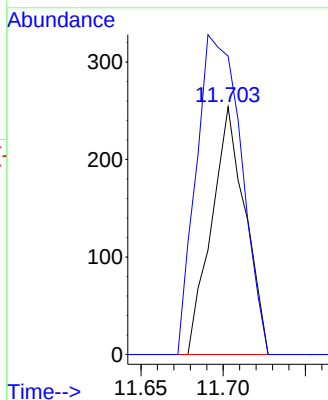
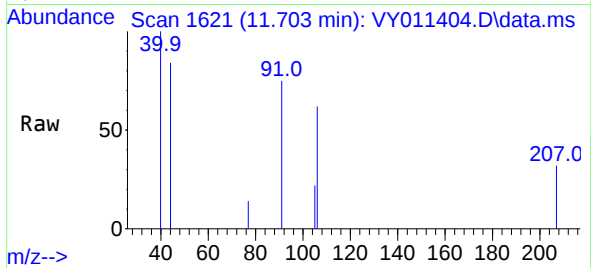




#68
m/p-Xylenes
Concen: 23.183 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

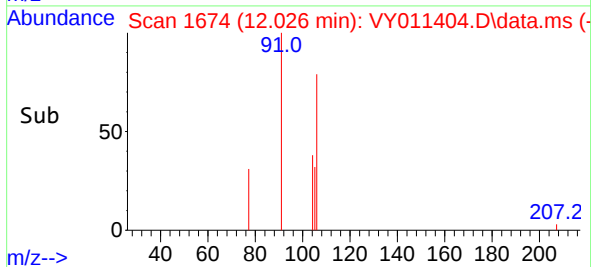
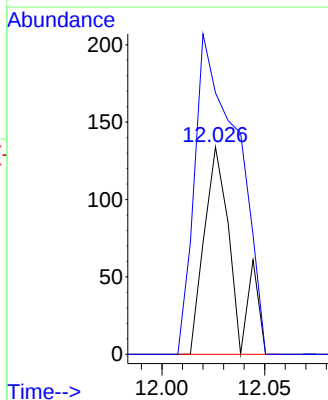
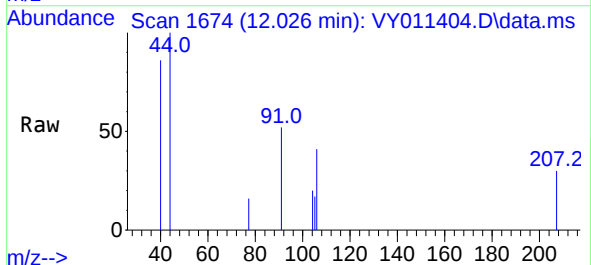
Instrument :
MSVOA_Y
ClientSampleId :
BFB

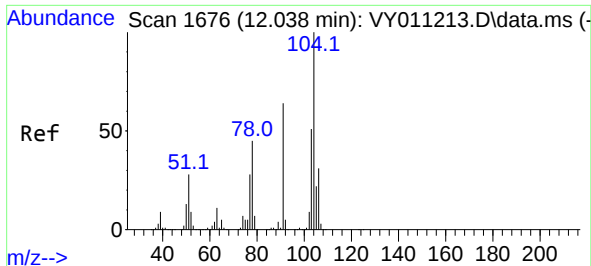
Tgt Ion:106 Resp: 363
Ion Ratio Lower Upper
106 100
91 171.6 166.6 249.8



#69
o-Xylene
Concen: 8.735 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:106 Resp: 129
Ion Ratio Lower Upper
106 100
91 232.6 110.3 331.0

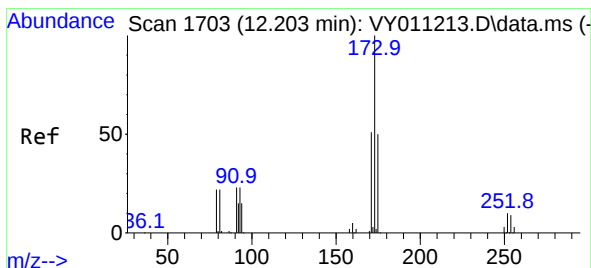
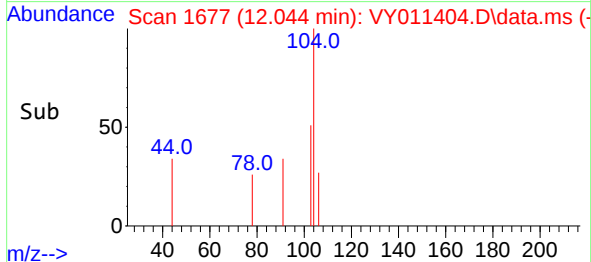
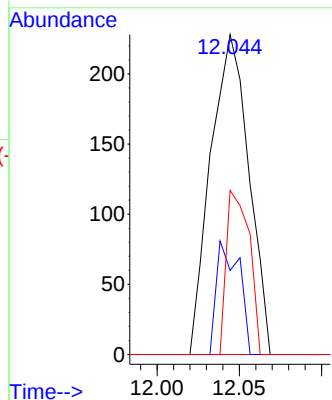
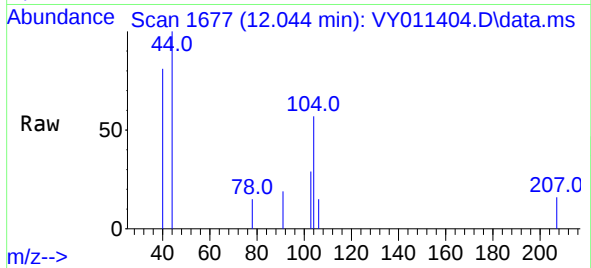




#70
Styrene
Concen: 14.823 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

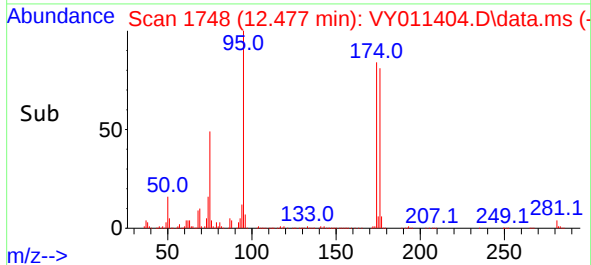
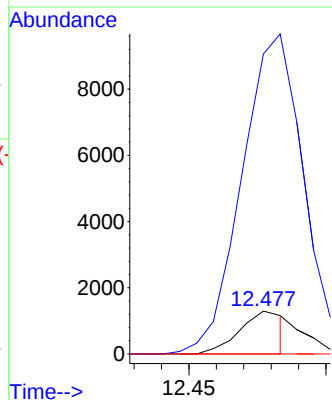
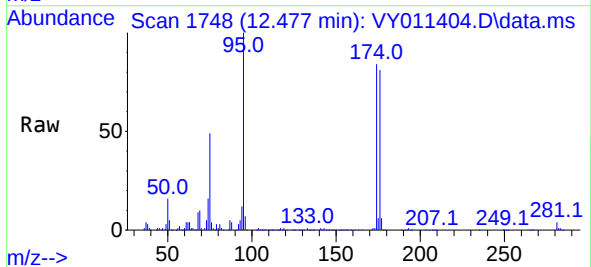
Instrument :
MSVOA_Y
ClientSampleId :
BFB

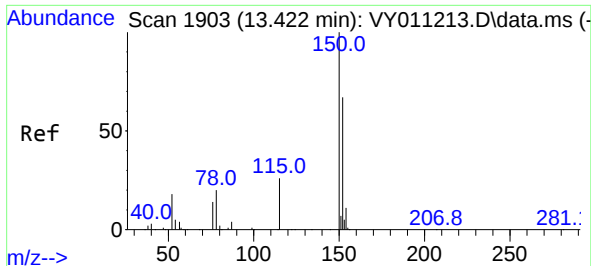
Tgt Ion:104 Resp: 368
Ion Ratio Lower Upper
104 100
78 20.9 42.4 63.6#
103 30.7 44.4 66.6#



#71
Bromoform
Concen: 273.740 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.268 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:173 Resp: 1451
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

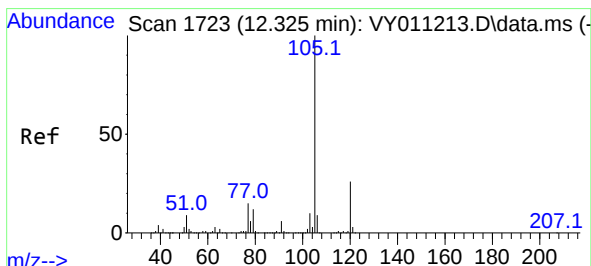
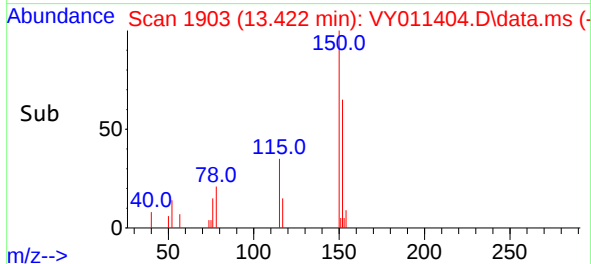
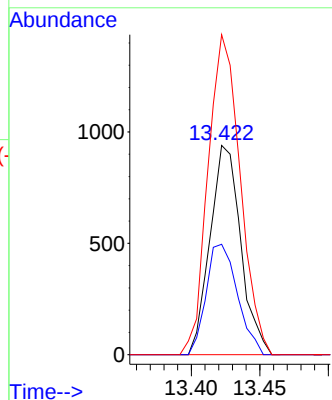
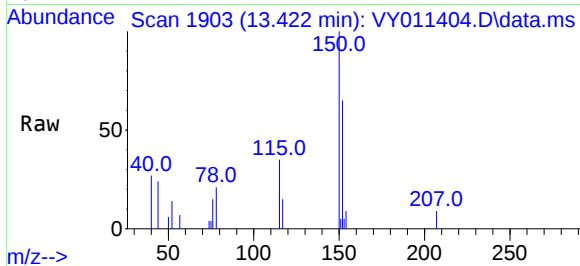




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

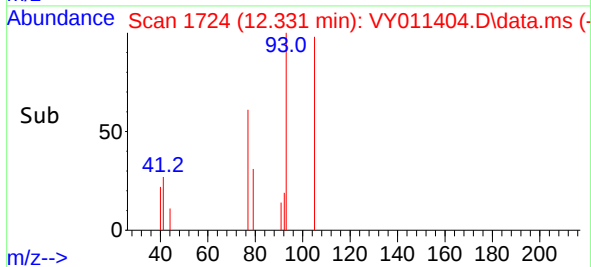
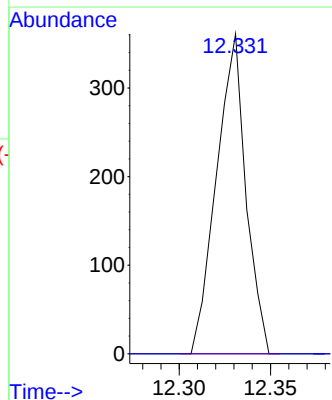
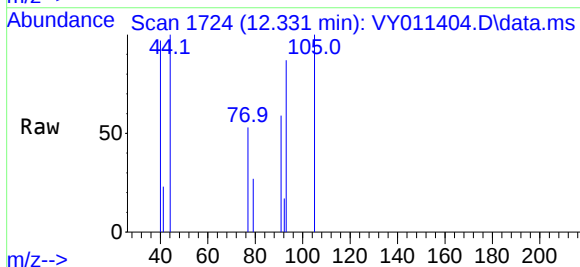
Instrument :
MSVOA_Y
ClientSampleId :
BFB

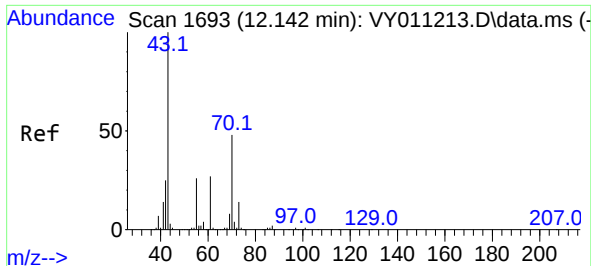
Tgt Ion:152 Resp: 1466
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 160.3 0.0 347.6



#73
Isopropylbenzene
Concen: 3.987 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:105 Resp: 404
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#

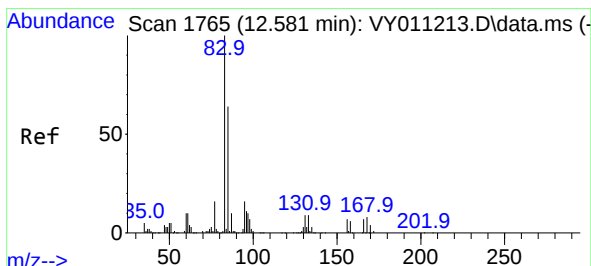
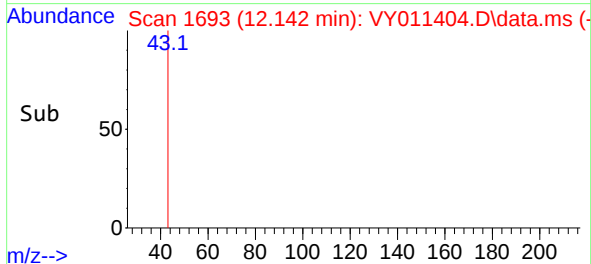
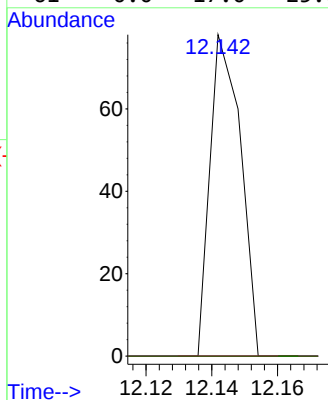
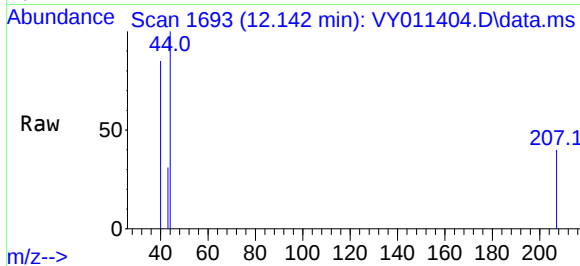




#74
N-amy1 acetate
Concen: 2.345 ug/l
RT: 12.142 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

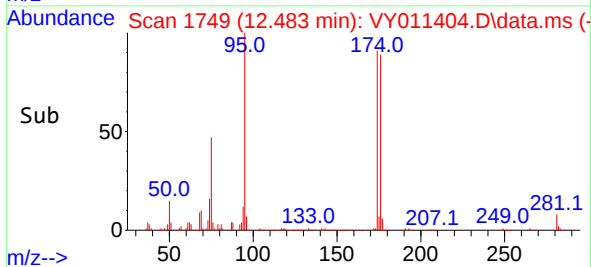
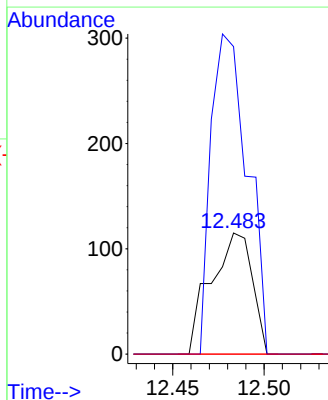
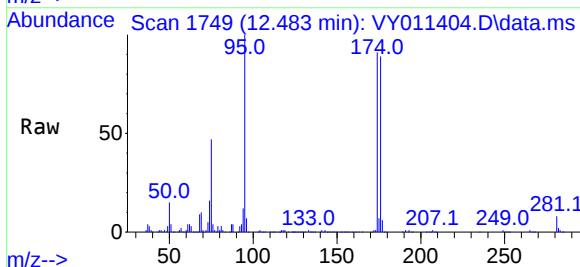
Instrument :
MSVOA_Y
ClientSampleId :
BFB

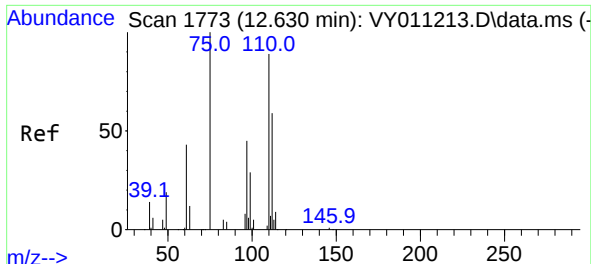
Tgt Ion:	43	Resp:	50
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	17.3	25.9#
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 9.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.098 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:	83	Resp:	181
Ion	Ratio	Lower	Upper
83	100		
131	233.7	5.6	16.8#
85	0.0	32.3	96.8#

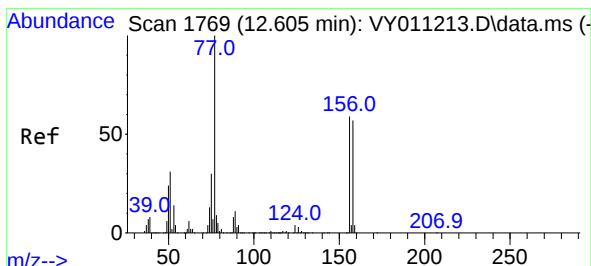
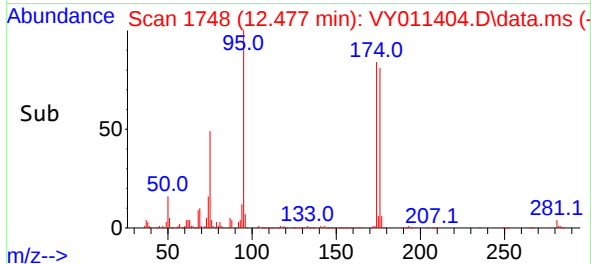
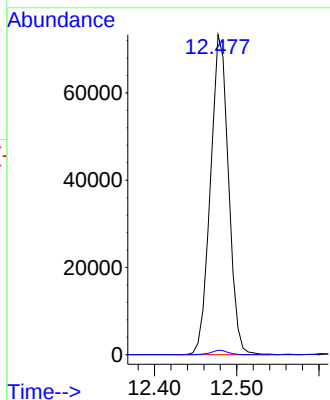
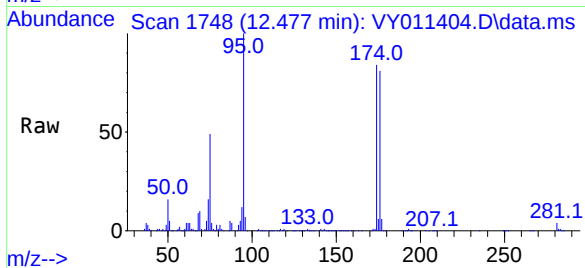




#76
1,2,3-Trichloropropane
Concen: 6593.576 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.153 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

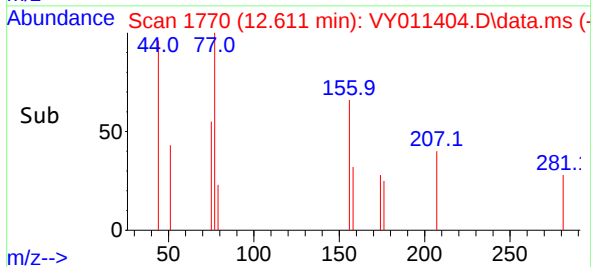
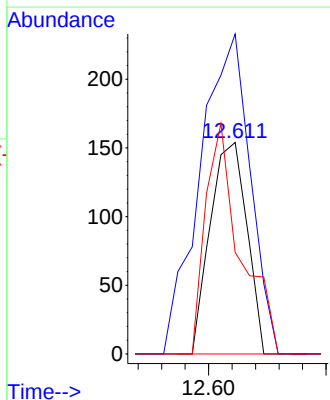
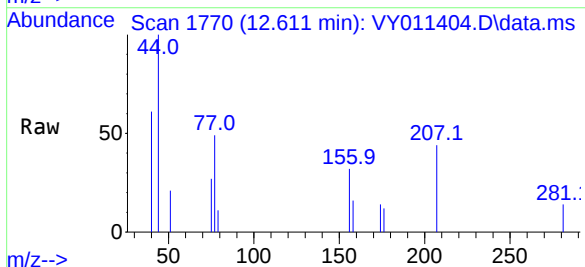
Instrument :
MSVOA_Y
ClientSampleId :
BFB

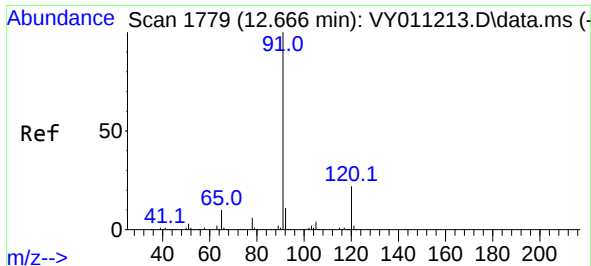
Tgt Ion: 75 Resp: 111889
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#77
Bromobenzene
Concen: 6.892 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:156 Resp: 167
Ion Ratio Lower Upper
156 100
77 206.6 95.5 286.4
158 103.6 48.0 144.0

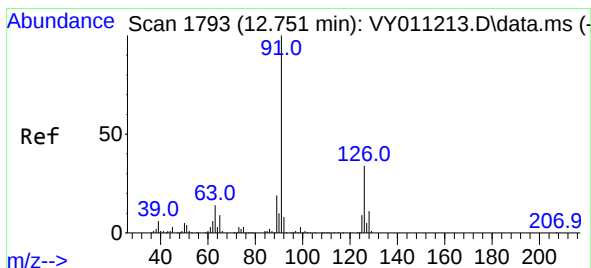
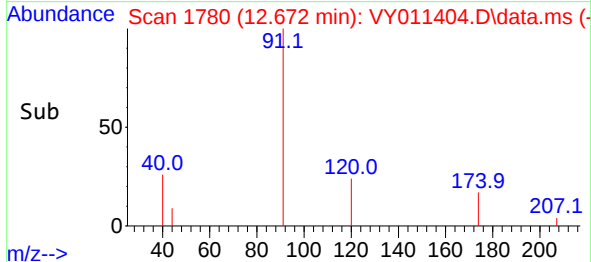
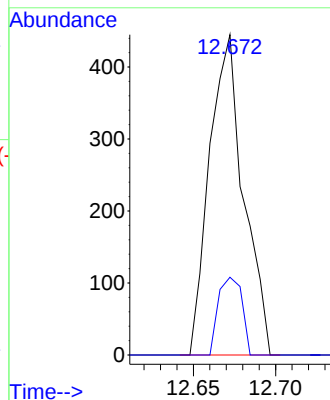
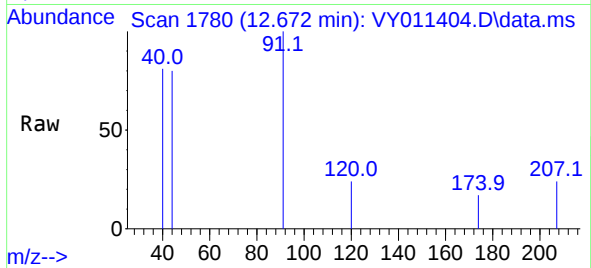




#78
n-propylbenzene
Concen: 5.302 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

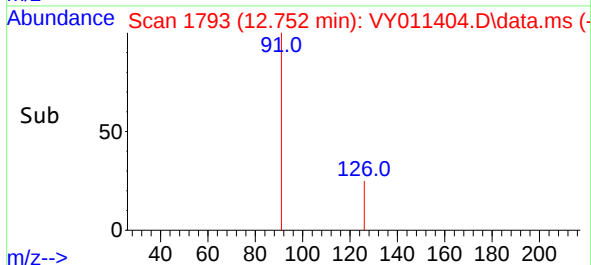
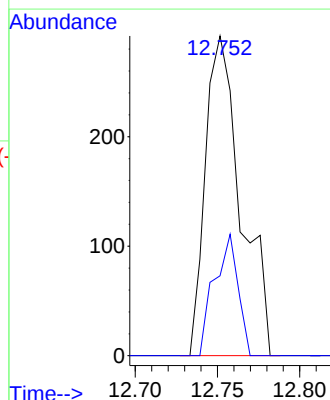
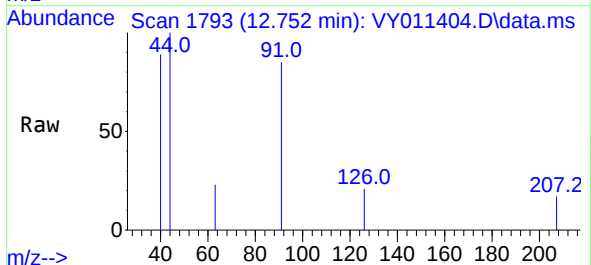
Instrument :
MSVOA_Y
ClientSampleId :
BFB

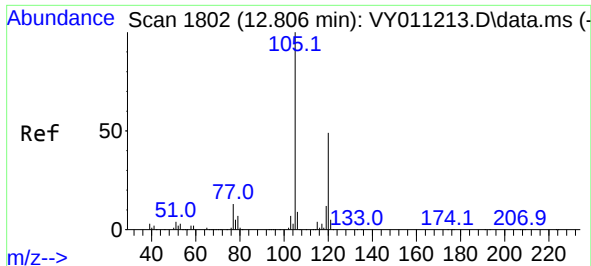
Tgt Ion: 91 Resp: 641
Ion Ratio Lower Upper
91 100
120 16.8 11.3 33.9



#79
2-Chlorotoluene
Concen: 6.335 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 91 Resp: 438
Ion Ratio Lower Upper
91 100
126 25.3 16.9 50.6

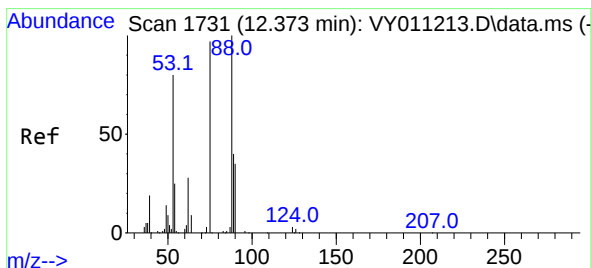
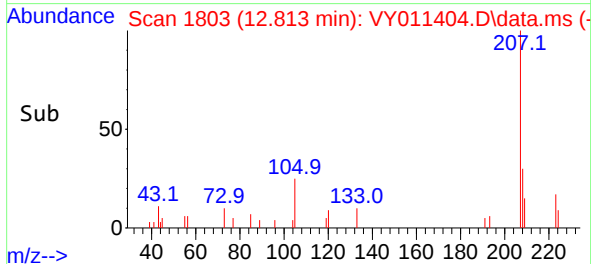
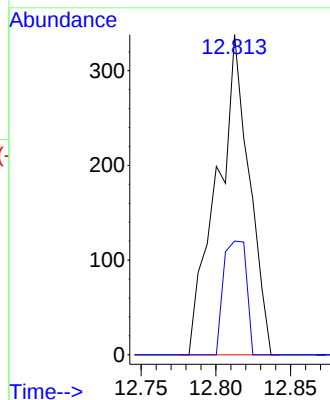
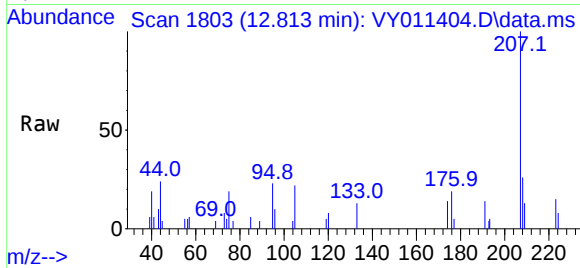




#80
1,3,5-Trimethylbenzene
Concen: 5.932 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

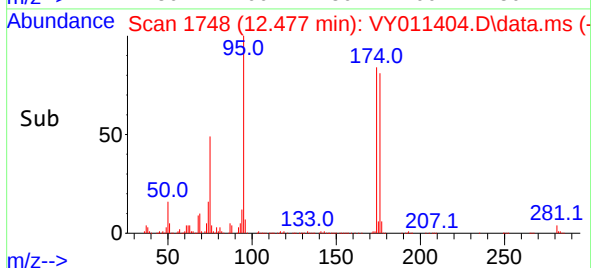
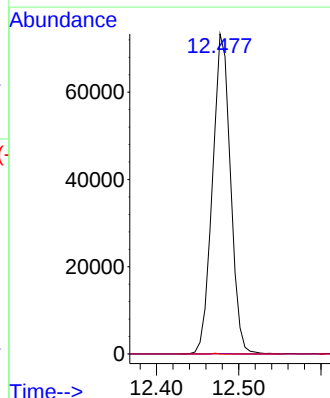
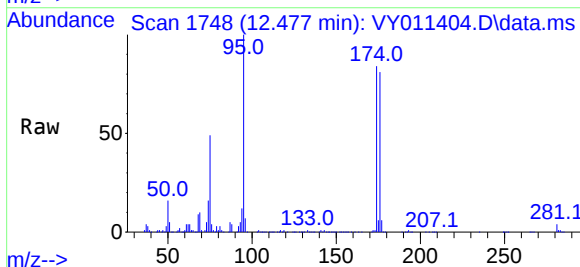
Instrument :
MSVOA_Y
ClientSampleId :
BFB

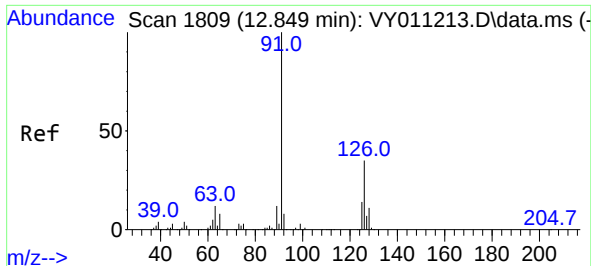
Tgt Ion:105 Resp: 507
Ion Ratio Lower Upper
105 100
120 25.0 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 15848.978 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 75 Resp: 111889
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

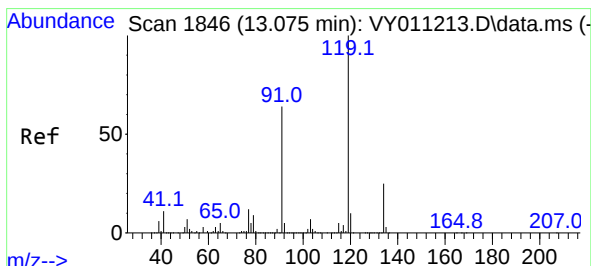
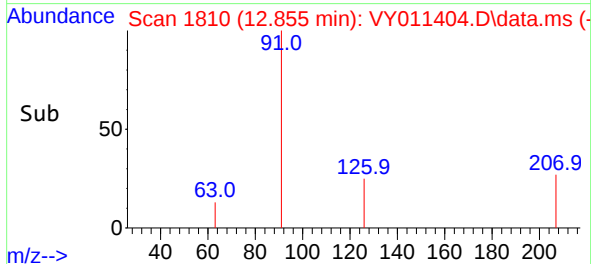
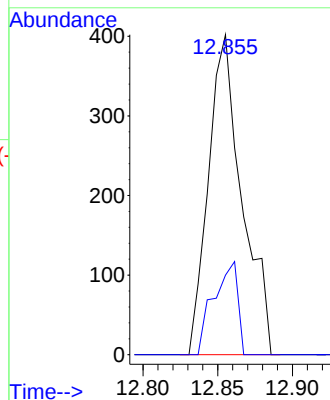
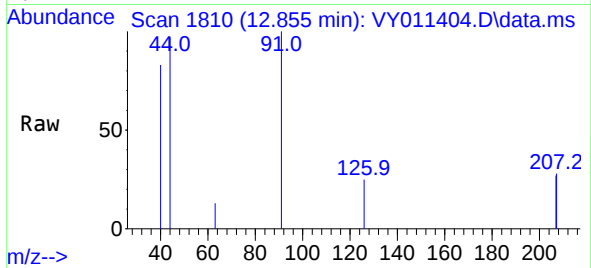




#82
4-Chlorotoluene
Concen: 8.749 ug/l
RT: 12.855 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

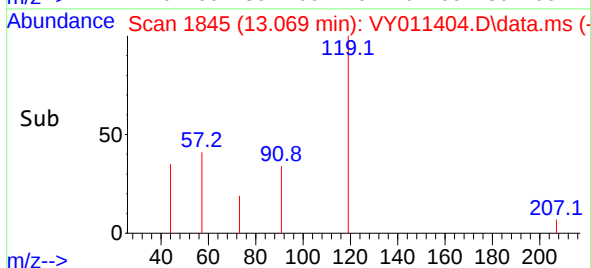
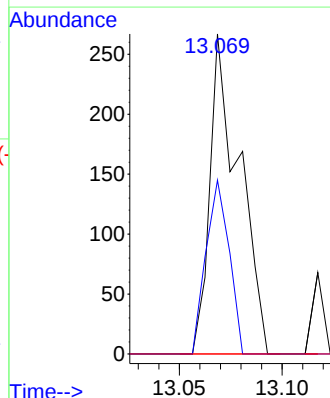
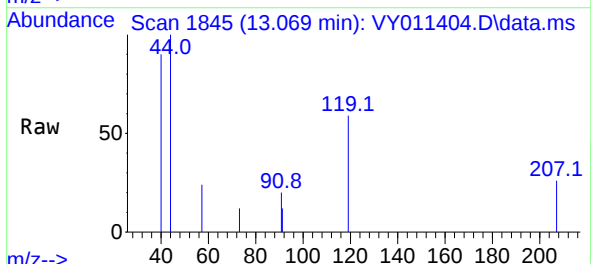
Instrument :
MSVOA_Y
ClientSampleId :
BFB

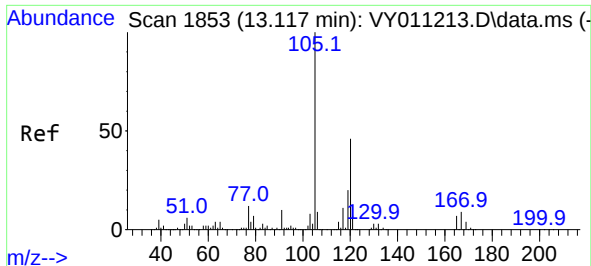
Tgt Ion: 91 Resp: 628
Ion Ratio Lower Upper
91 100
126 20.9 17.0 51.0



#83
tert-Butylbenzene
Concen: 3.586 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion: 119 Resp: 265
Ion Ratio Lower Upper
119 100
91 42.6 34.8 104.4
134 0.0 13.3 39.9#

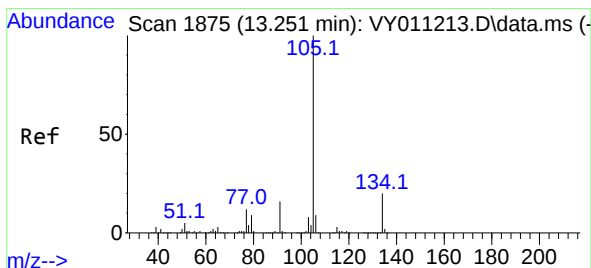
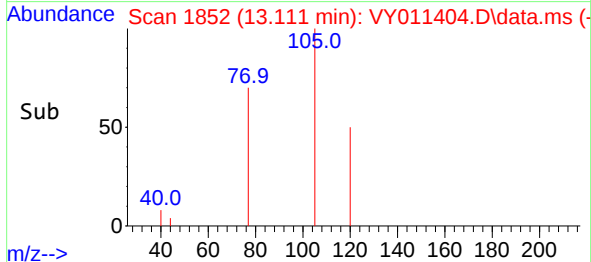
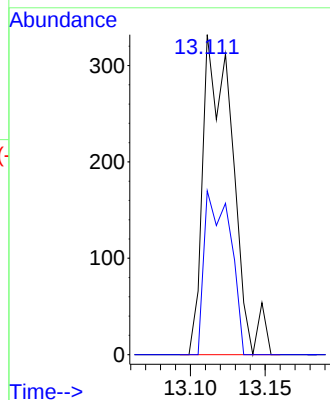
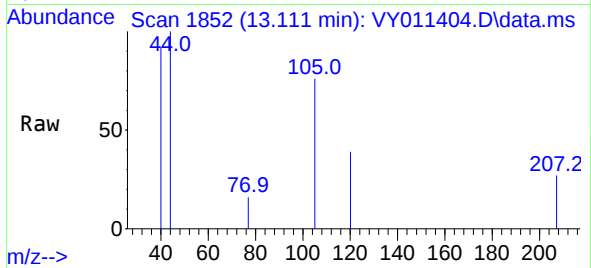




#84
1,2,4-Trimethylbenzene
Concen: 5.460 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

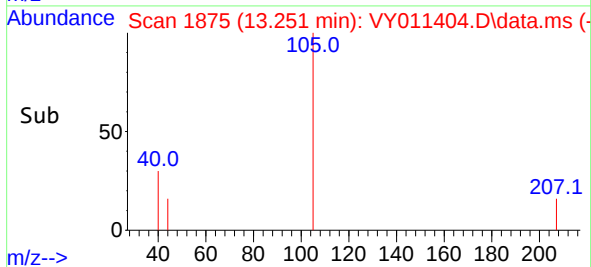
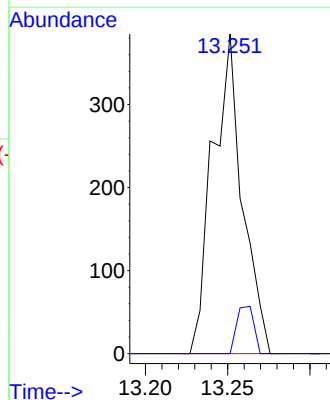
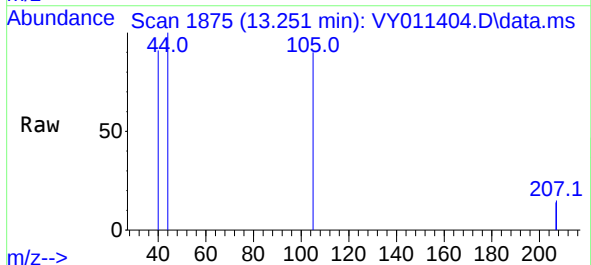
Instrument :
MSVOA_Y
ClientSampleId :
BFB

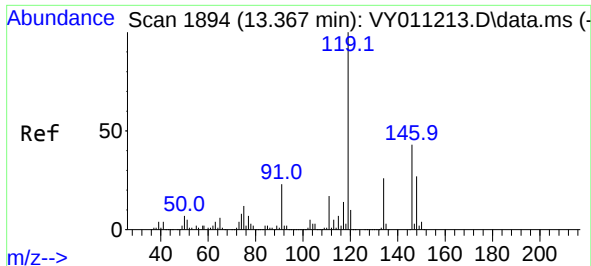
Tgt Ion:105 Resp: 458
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9



#85
sec-Butylbenzene
Concen: 4.441 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:105 Resp: 483
Ion Ratio Lower Upper
105 100
134 8.5 10.2 30.4#

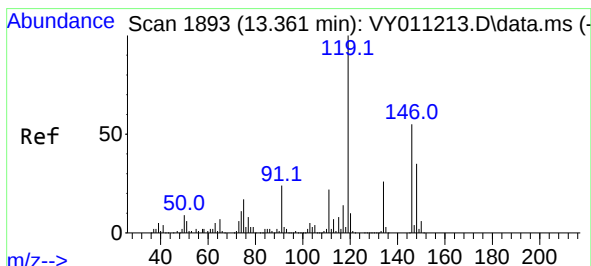
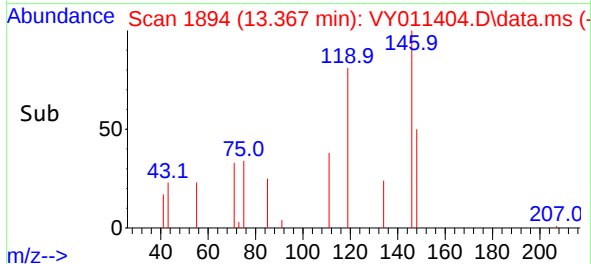
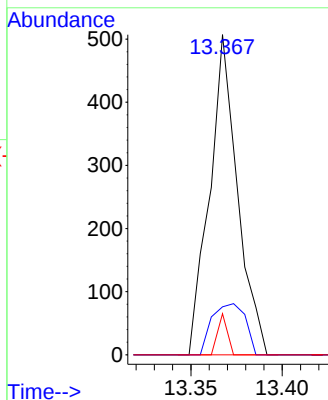
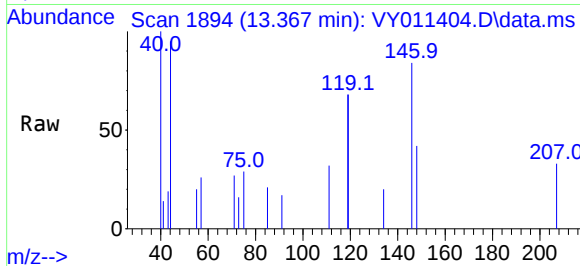




#86
p-Isopropyltoluene
Concen: 5.912 ug/l
RT: 13.367 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

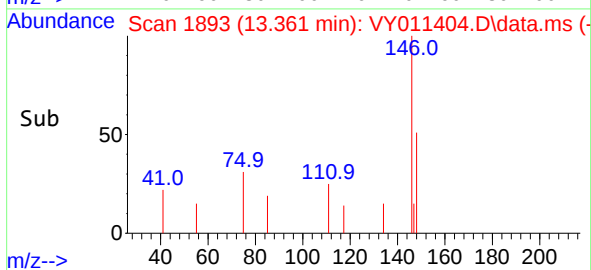
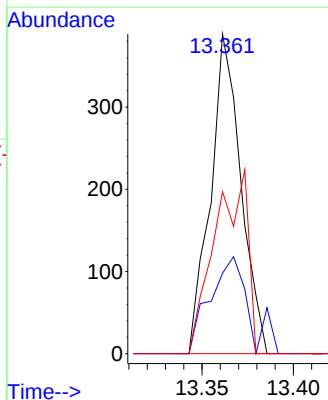
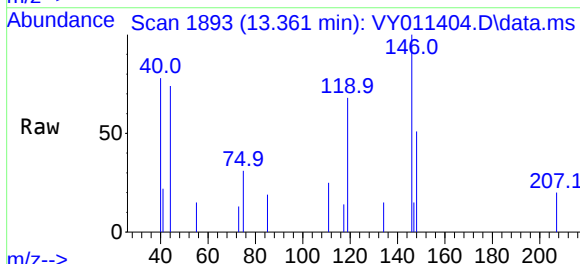
Instrument :
MSVOA_Y
ClientSampleId :
BFB

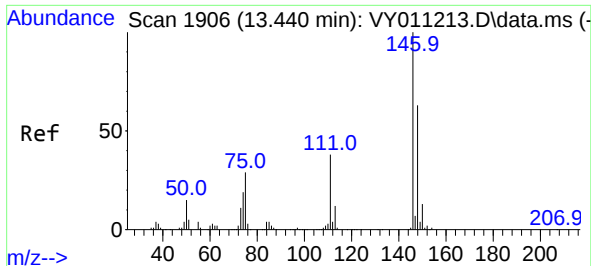
Tgt Ion:	119	Resp:	539
Ion	Ratio	Lower	Upper
119	100		
134	19.1	13.2	39.5
91	4.5	12.4	37.2#



#87
1,3-Dichlorobenzene
Concen: 9.283 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:	146	Resp:	449
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	62.4	31.6	95.0

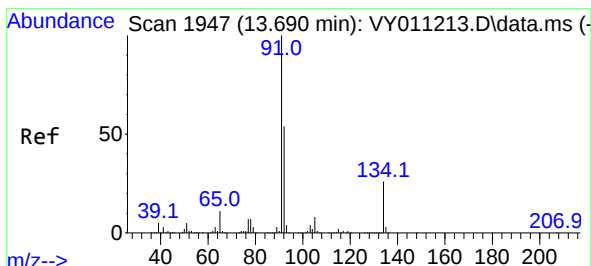
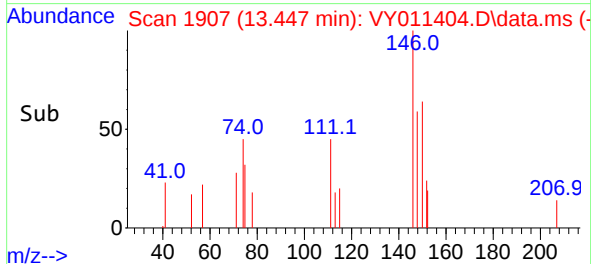
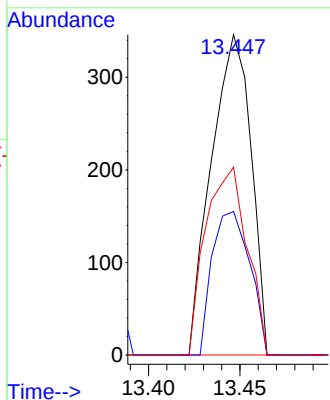
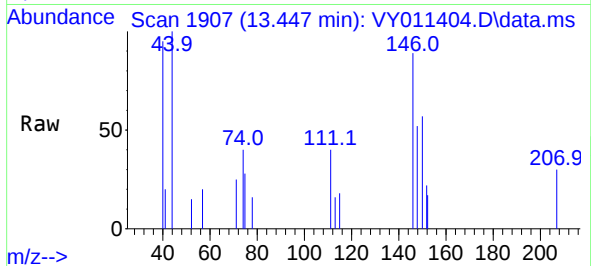




#88
1,4-Dichlorobenzene
Concen: 10.934 ug/l
RT: 13.447 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

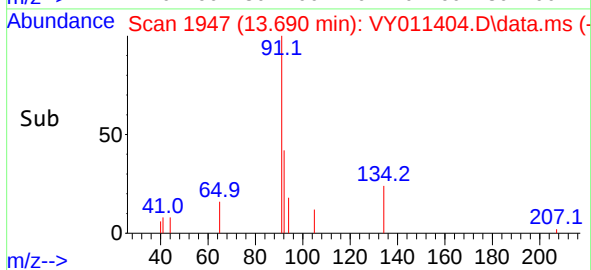
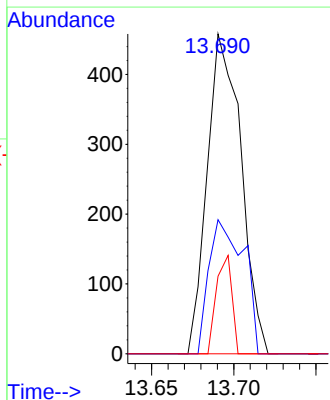
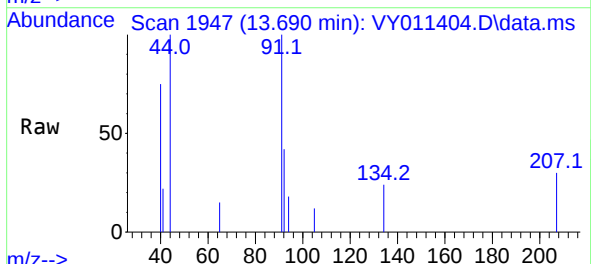
Instrument :
MSVOA_Y
ClientSampleId :
BFB

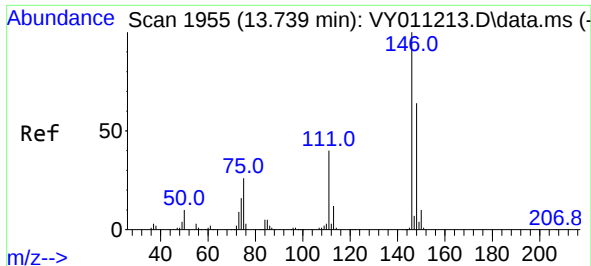
Tgt Ion:	146	Resp:	523
Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.3	57.8
148	61.2	32.6	97.8



#89
n-Butylbenzene
Concen: 7.996 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

Tgt Ion:	91	Resp:	655
Ion	Ratio	Lower	Upper
91	100		
92	43.2	26.3	78.9
134	14.0	13.0	38.9

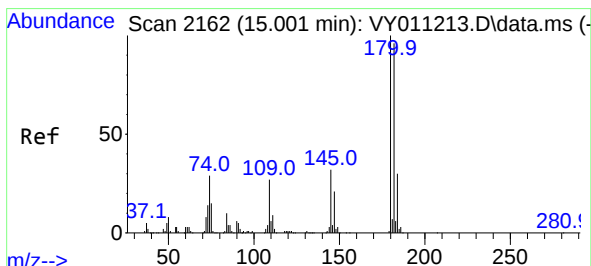
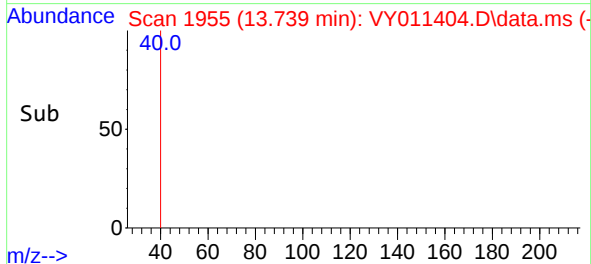
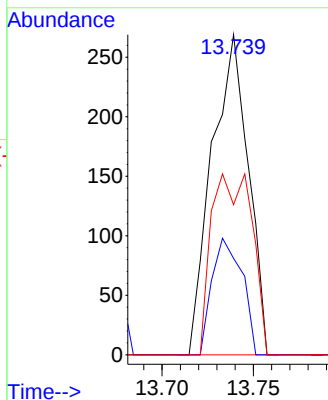
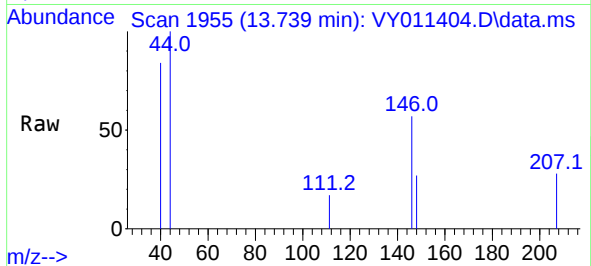




#91
1,2-Dichlorobenzene
Concen: 8.716 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

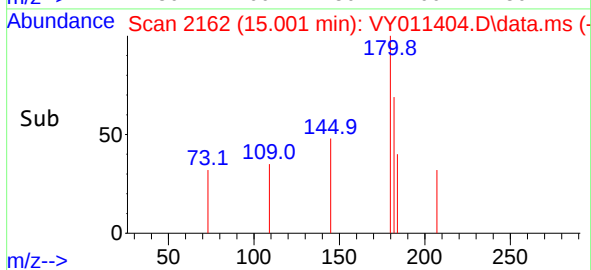
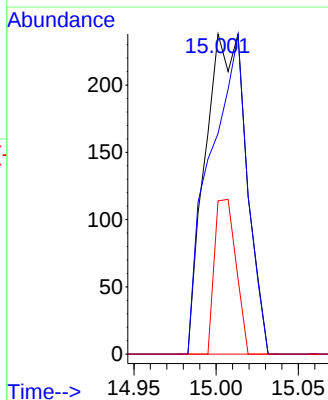
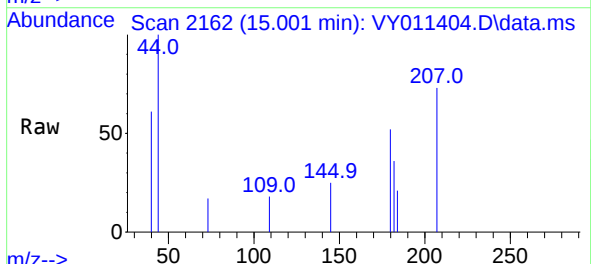
Instrument :
MSVOA_Y
ClientSampleId :
BFB

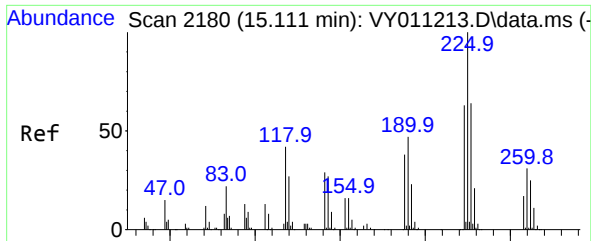
Tgt Ion:	146	Resp:	374
Ion	Ratio	Lower	Upper
146	100		
111	29.9	20.3	60.9
148	63.1	32.3	96.9



#93
1,2,4-Trichlorobenzene
Concen: 16.288 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

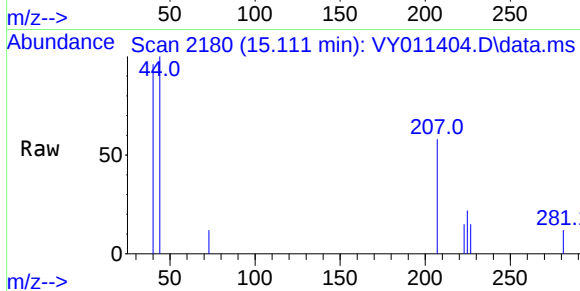
Tgt Ion:	180	Resp:	412
Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.3	141.9
145	0.0	14.6	43.8



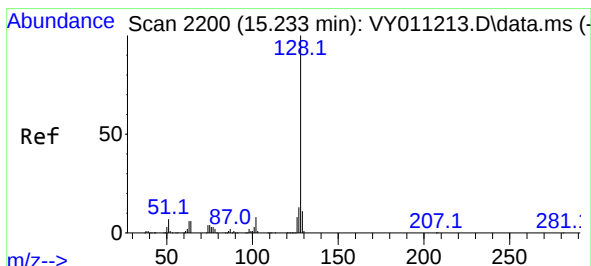
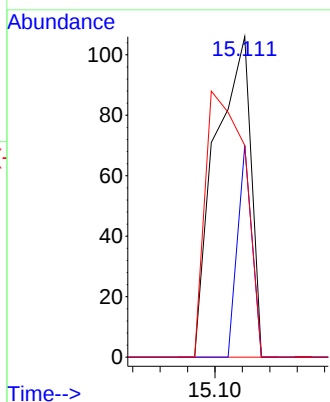
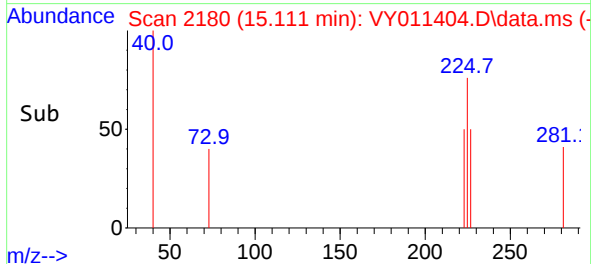


#94
Hexachlorobutadiene
Concen: 6.357 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48

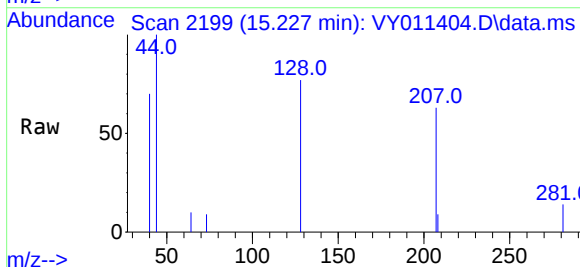
Instrument :
MSVOA_Y
ClientSampleId :
BFB



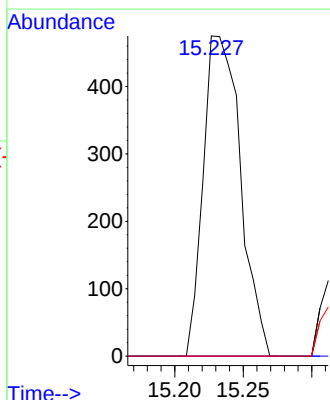
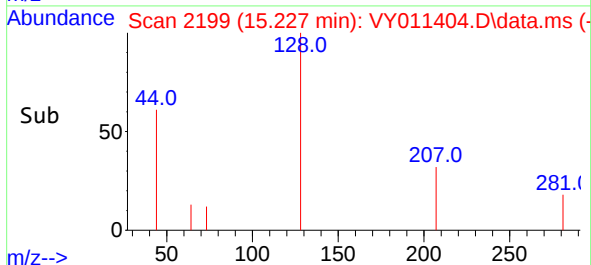
Tgt Ion:225 Resp: 95
Ion Ratio Lower Upper
225 100
223 27.4 30.8 92.3#
227 91.6 31.6 94.7

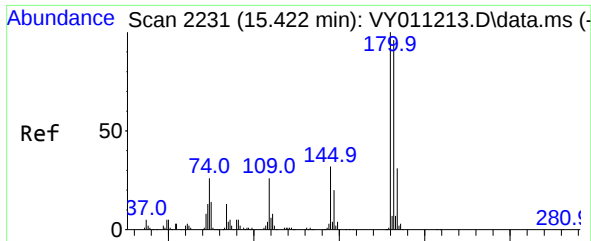


#95
Naphthalene
Concen: 18.389 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY011404.D
Acq: 10 Nov 2022 20:48



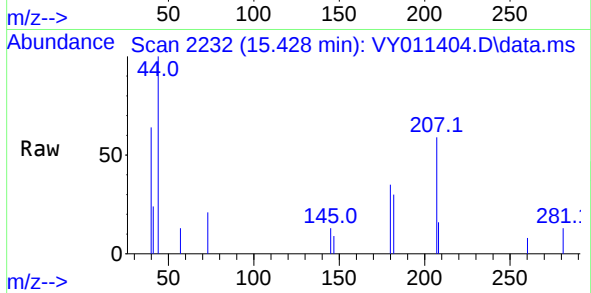
Tgt Ion:128 Resp: 897
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 15.840 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY011404.D
 Acq: 10 Nov 2022 20:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB



Tgt Ion:	180	Resp:	346
Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.3	141.9
145	27.7	15.3	45.9

