

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
 Data File : VY009190.D
 Acq On : 15 Jun 2022 17:55
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Quant Time: Jun 16 02:55:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	194574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	276701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99711	49.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.710	113	101904	52.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.020%
50) Toluene-d8	10.173	98	371042	49.751	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.477	95	128964	48.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	69897	47.456	ug/l	97
3) Chloromethane	2.107	50	78699	43.128	ug/l	96
4) Vinyl Chloride	2.241	62	84543	44.137	ug/l	99
5) Bromomethane	2.637	94	61003	45.334	ug/l	95
6) Chloroethane	2.784	64	54853	45.765	ug/l	96
7) Trichlorofluoromethane	3.113	101	149408	48.831	ug/l	95
8) Diethyl Ether	3.521	74	56860	48.977	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	95766	50.904	ug/l	95
10) Methyl Iodide	4.076	142	116693	48.557	ug/l #	88
11) Tert butyl alcohol	4.948	59	58777	182.278	ug/l	96
12) 1,1-Dichloroethene	3.863	96	92360	49.884	ug/l	82
13) Acrolein	3.717	56	12464	220.239	ug/l	95
14) Allyl chloride	4.466	41	165064	49.403	ug/l	91
15) Acrylonitrile	5.149	53	157617	253.833	ug/l	97
16) Acetone	3.936	43	117781	230.048	ug/l #	89
17) Carbon Disulfide	4.180	76	268540	50.100	ug/l	100
18) Methyl Acetate	4.466	43	72639	49.073	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	286382	51.264	ug/l	95
20) Methylene Chloride	4.704	84	112184	48.600	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	110858	51.099	ug/l	90
22) Diisopropyl ether	6.106	45	327761	47.575	ug/l	95
23) Vinyl Acetate	6.045	43	1109433	255.992	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	192638	49.486	ug/l	99
25) 2-Butanone	6.972	43	200198	247.108	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	168116	48.740	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	129302	50.819	ug/l	86
28) Bromochloromethane	7.326	49	84072	50.386	ug/l #	81
29) Tetrahydrofuran	7.338	42	134341	249.736	ug/l	89
30) Chloroform	7.496	83	197498	49.322	ug/l	98
31) Cyclohexane	7.777	56	173852	47.750	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	176054	50.004	ug/l	96
36) 1,1-Dichloropropene	7.911	75	151892	50.399	ug/l	97
37) Ethyl Acetate	7.064	43	89819	50.083	ug/l #	94
38) Carbon Tetrachloride	7.893	117	158065	50.722	ug/l	99
39) Methylcyclohexane	9.179	83	189477	52.149	ug/l	90
40) Benzene	8.155	78	440243	50.023	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	49012	48.861	ug/l #	41
42) 1,2-Dichloroethane	8.228	62	126007	49.093	ug/l	91
43) Isopropyl Acetate	8.265	43	166011	50.047	ug/l #	91
44) Trichloroethene	8.935	130	124812	49.614	ug/l	100
45) 1,2-Dichloropropane	9.209	63	110366	49.473	ug/l	96
46) Dibromomethane	9.301	93	65597	51.119	ug/l	99
47) Bromodichloromethane	9.490	83	152453	49.846	ug/l	97
48) Methyl methacrylate	9.289	41	72973	49.288	ug/l #	84
49) 1,4-Dioxane	9.289	88	19077	1045.107	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	431764	247.449	ug/l	91
52) Toluene	10.240	92	277052	49.303	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	160033	49.883	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	182166	50.277	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	88745	48.870	ug/l	98
56) Ethyl methacrylate	10.508	69	126716	51.474	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	155675	50.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	261756	245.298	ug/l	94
59) 2-Hexanone	10.825	43	297574	248.598	ug/l	89
60) Dibromochloromethane	10.984	129	111786	50.280	ug/l	99
61) 1,2-Dibromoethane	11.081	107	89197	50.398	ug/l	99
64) Tetrachloroethene	10.715	164	130822	51.034	ug/l	97
65) Chlorobenzene	11.514	112	297141	49.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	109680	49.964	ug/l	97
67) Ethyl Benzene	11.587	91	523857	50.085	ug/l	98
68) m/p-Xylenes	11.697	106	407900	98.918	ug/l	94
69) o-Xylene	12.026	106	195927	50.147	ug/l	93
70) Styrene	12.038	104	328775	50.162	ug/l	97
71) Bromoform	12.203	173	71117	50.722	ug/l #	99
73) Isopropylbenzene	12.325	105	515990	49.533	ug/l	98
74) N-amyl acetate	12.142	43	142758	49.128	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	101110	49.040	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	137141	89.736	ug/l #	100
77) Bromobenzene	12.605	156	123041	48.075	ug/l	94
78) n-propylbenzene	12.666	91	623918	49.500	ug/l	98
79) 2-Chlorotoluene	12.752	91	350753	49.390	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	436554	50.139	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	38009	49.564	ug/l	89
82) 4-Chlorotoluene	12.849	91	365620	49.341	ug/l	97
83) tert-Butylbenzene	13.069	119	385017	50.295	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	430735	50.401	ug/l	96
85) sec-Butylbenzene	13.251	105	569116	50.207	ug/l	98
86) p-Isopropyltoluene	13.367	119	476446	50.650	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	244458	49.523	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	245222	48.939	ug/l	99
89) n-Butylbenzene	13.690	91	449592	50.544	ug/l	98
90) Hexachloroethane	13.959	117	88085	49.661	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	222120	49.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18657	50.151	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	145028	51.676	ug/l	99
94) Hexachlorobutadiene	15.111	225	76026	49.287	ug/l	97
95) Naphthalene	15.233	128	312154	53.325	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	126577	51.244	ug/l	98

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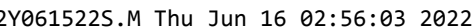
Instrument :
MSVOA_Y
ClientSampleId :
BFB

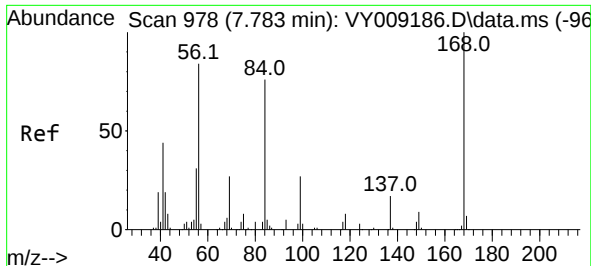
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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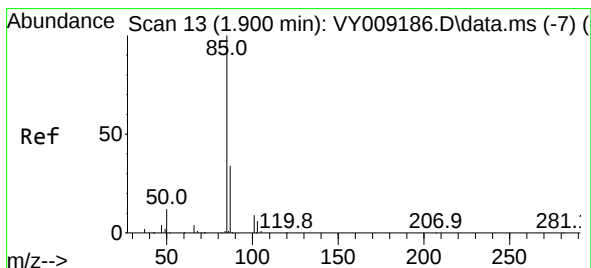
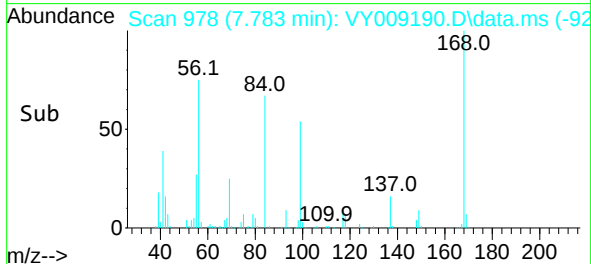
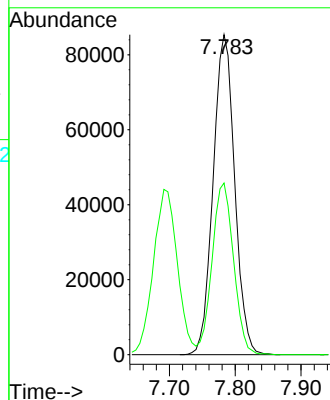
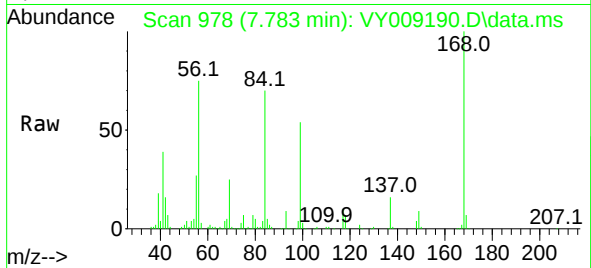




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009190.D
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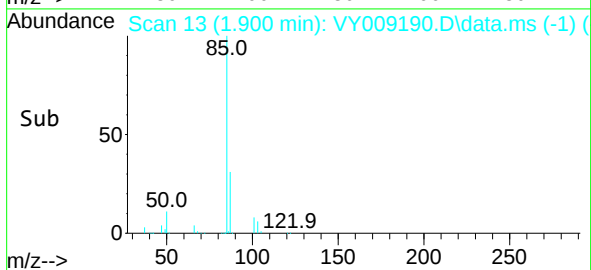
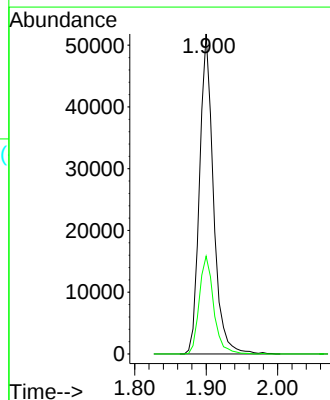
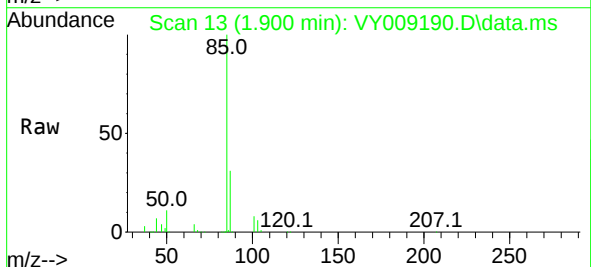
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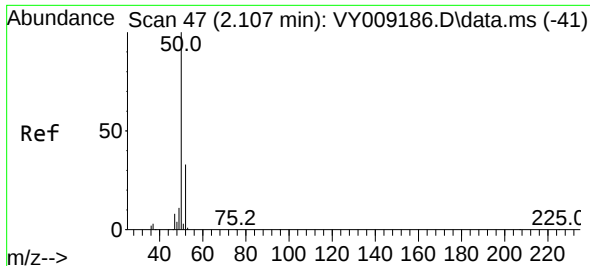
Tgt Ion:168 Resp: 194574
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.456 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 85 Resp: 69897
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

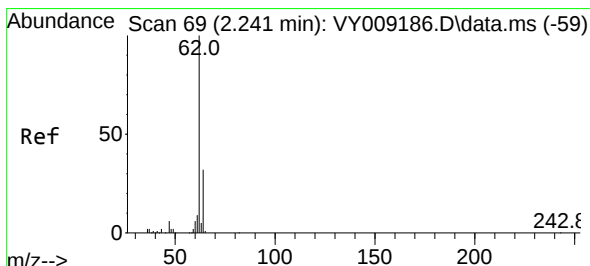
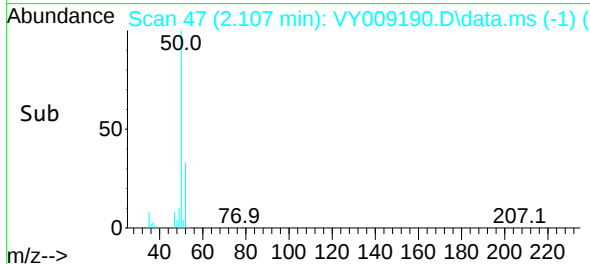
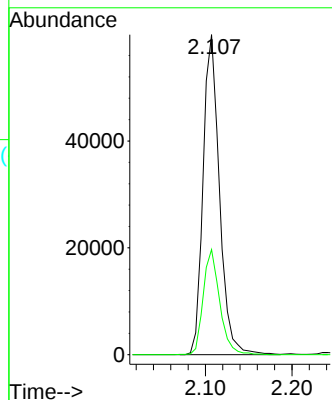
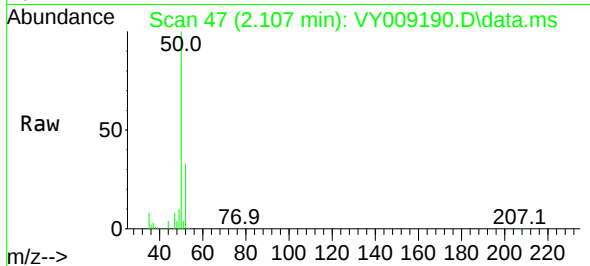




#3
Chloromethane
Concen: 43.128 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

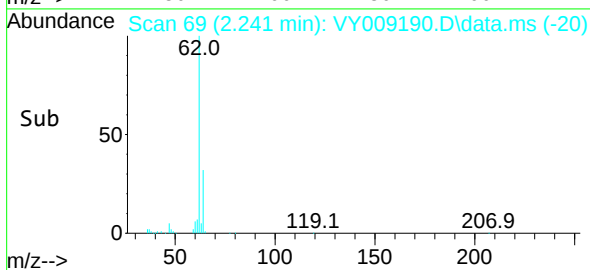
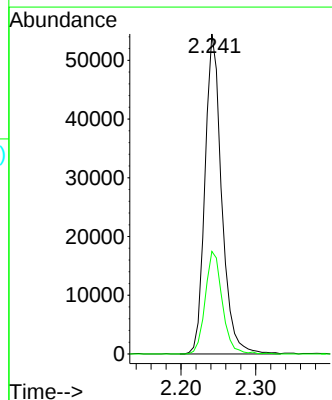
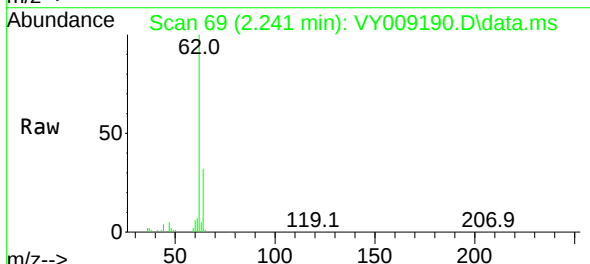
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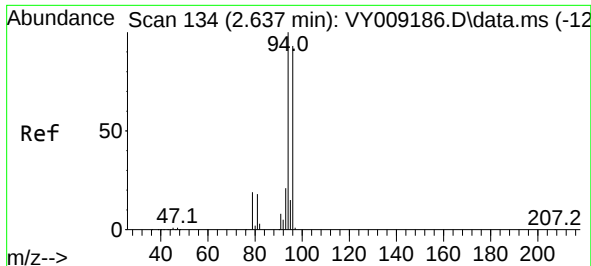
Tgt Ion: 50 Resp: 78699
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 44.137 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 62 Resp: 84543
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

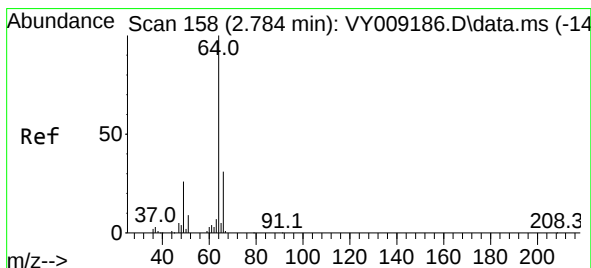
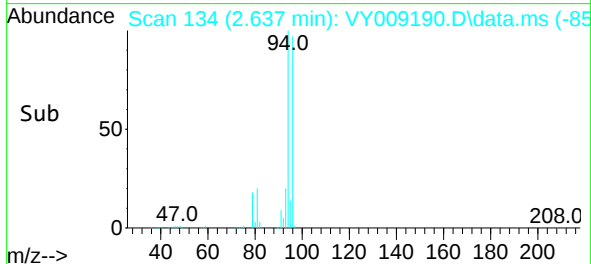
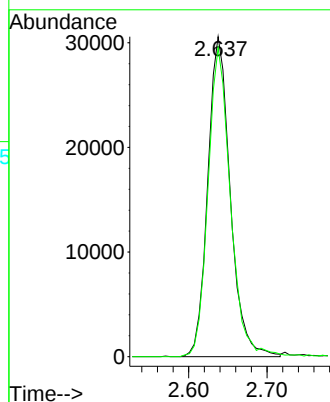
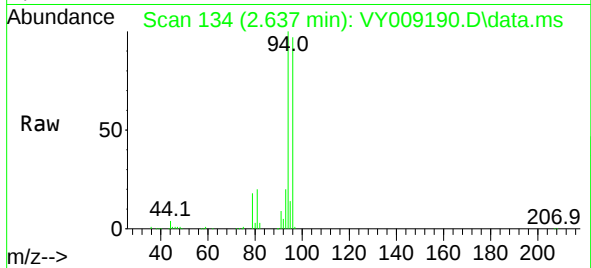




#5
Bromomethane
Concen: 45.334 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009190.D
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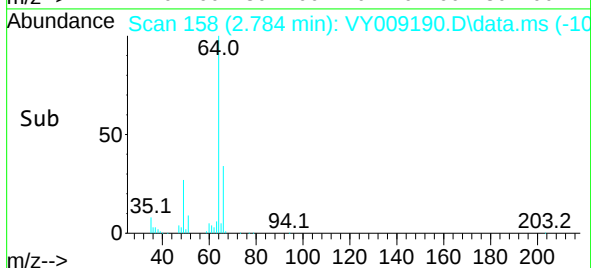
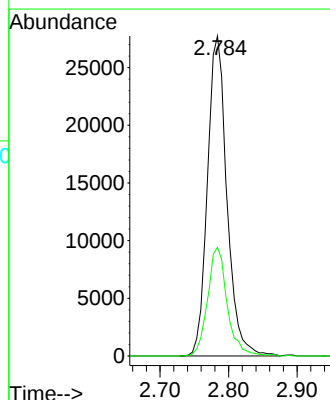
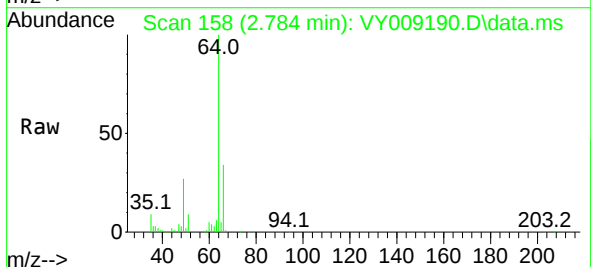
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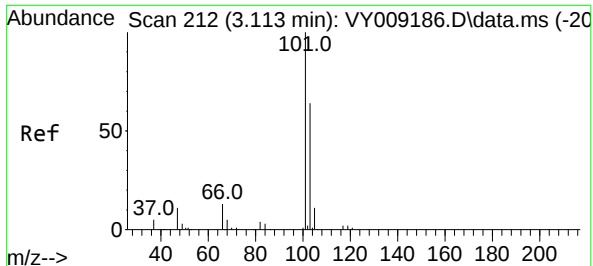
Tgt Ion: 94 Resp: 61003
Ion Ratio Lower Upper
94 100
96 96.6 73.5 110.3



#6
Chloroethane
Concen: 45.765 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 64 Resp: 54853
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.0

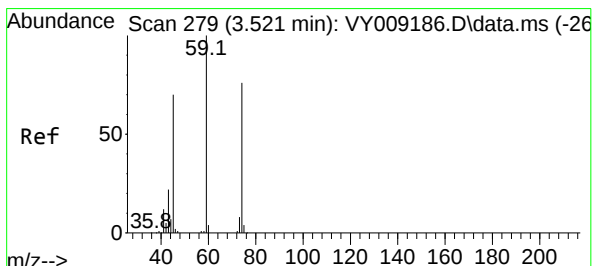
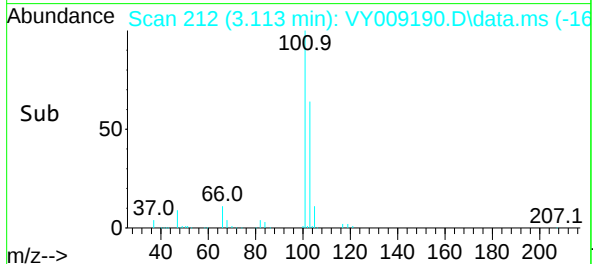
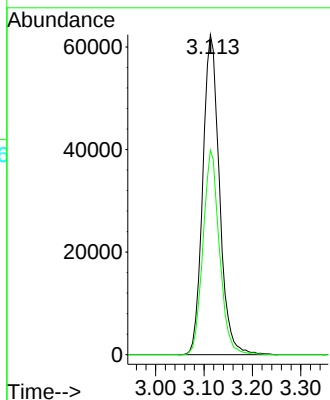
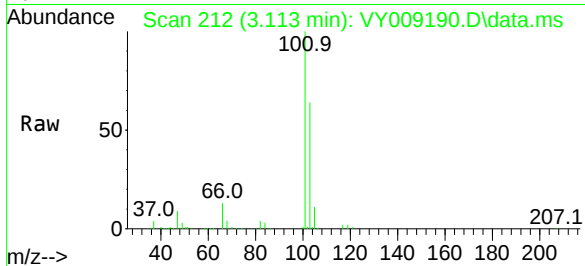




#7
 Trichlorofluoromethane
 Concen: 48.831 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009190.D
 Acq: 15 Jun 2022 17:55

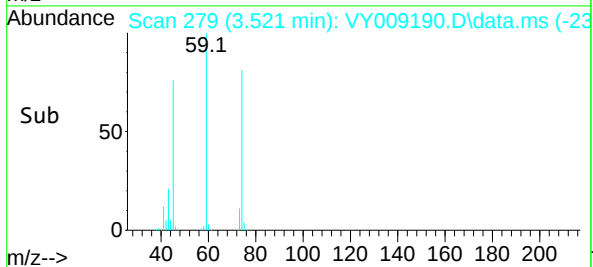
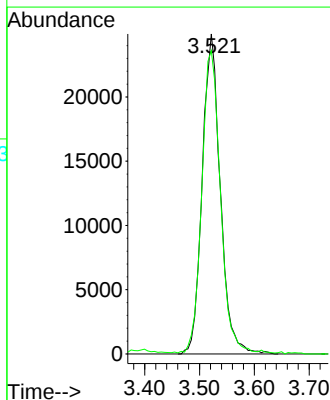
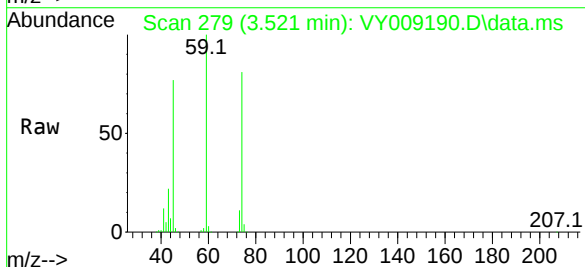
Instrument :
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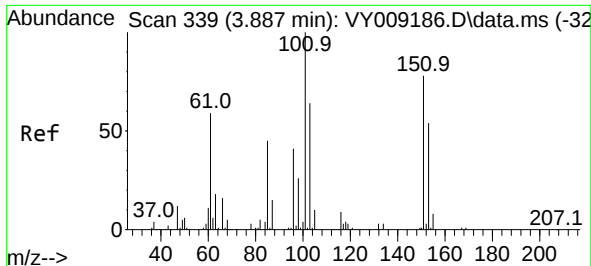
Tgt Ion:101 Resp: 149408
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.977 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY009190.D
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Tgt Ion: 74 Resp: 56860
 Ion Ratio Lower Upper
 74 100
 45 96.8 55.1 165.5

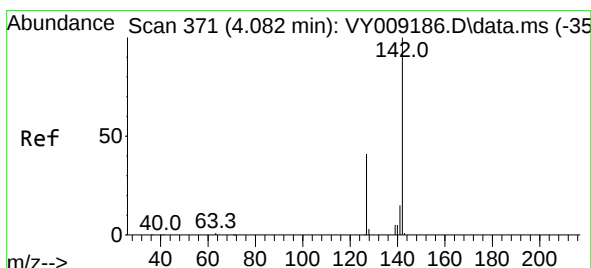
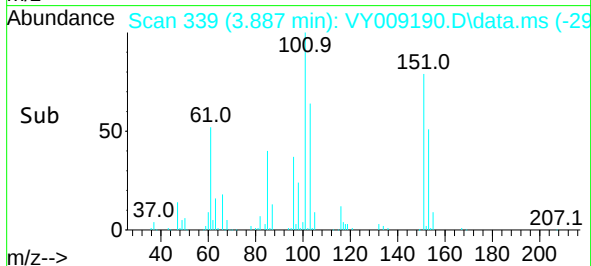
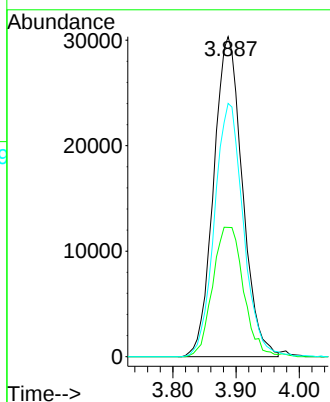
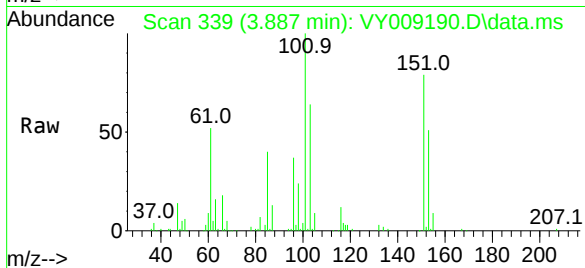




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.904 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

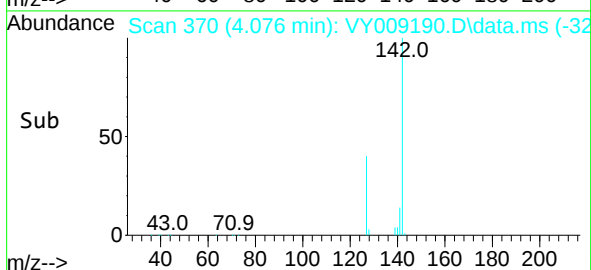
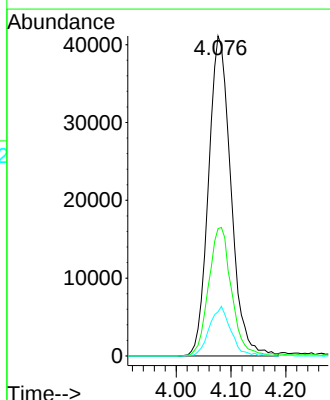
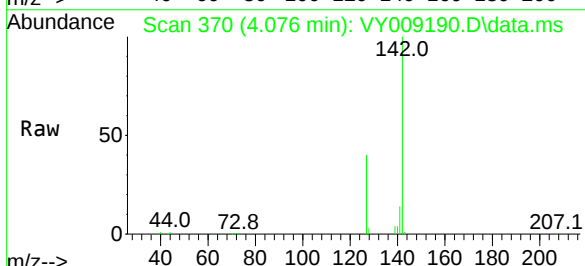
Instrument :
MSVOA_Y
ClientSampleId :
BFB

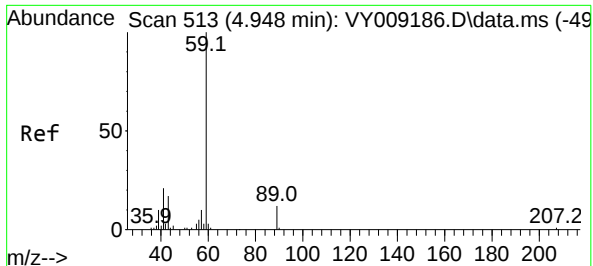
Tgt Ion:101 Resp: 95766
Ion Ratio Lower Upper
101 100
85 43.4 40.6 60.8
151 79.5 64.9 97.3



#10
Methyl Iodide
Concen: 48.557 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:142 Resp: 116693
Ion Ratio Lower Upper
142 100
127 40.8 41.5 62.3#
141 14.8 11.9 17.9

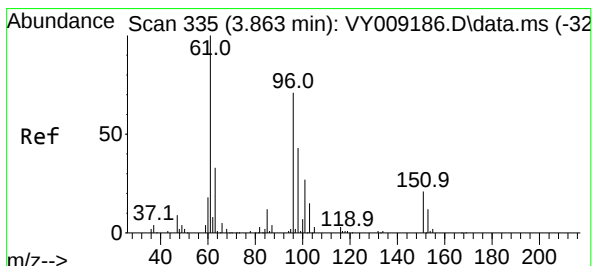
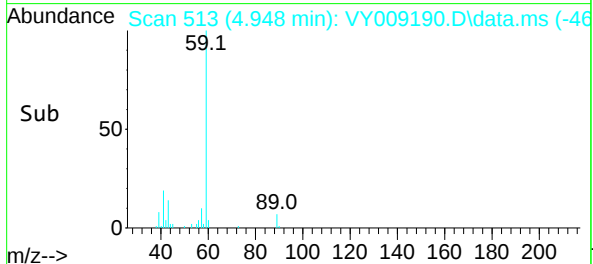
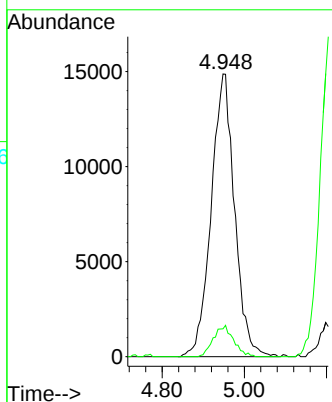
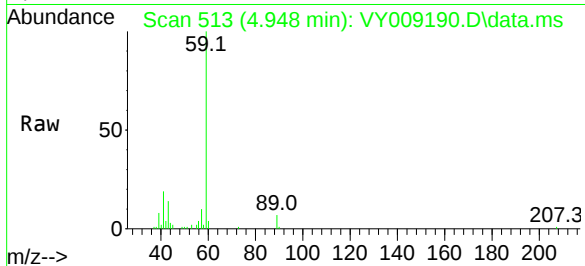




#11
Tert butyl alcohol
Concen: 182.278 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

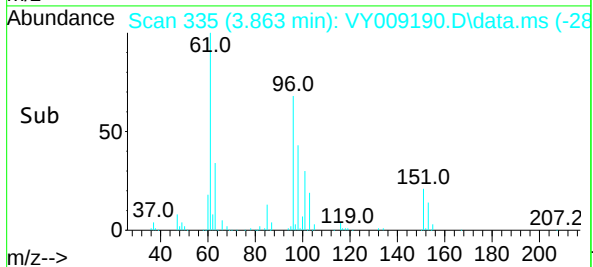
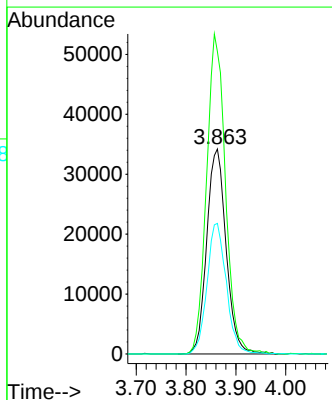
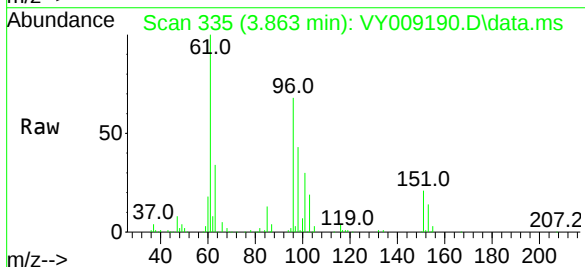
Instrument :
MSVOA_Y
ClientSampleId :
BFB

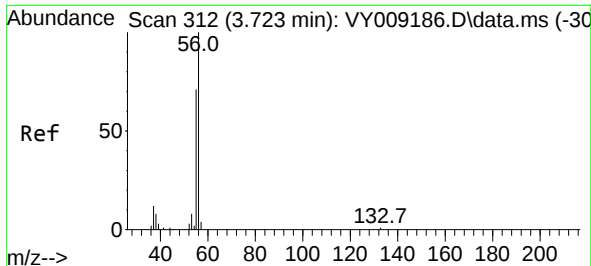
Tgt Ion: 59 Resp: 58777
Ion Ratio Lower Upper
59 100
57 9.5 6.4 9.6



#12
1,1-Dichloroethene
Concen: 49.884 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 96 Resp: 92360
Ion Ratio Lower Upper
96 100
61 147.6 145.8 218.6
98 63.7 52.5 78.7





#13

Acrolein

Concen: 220.239 ug/l

RT: 3.717 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

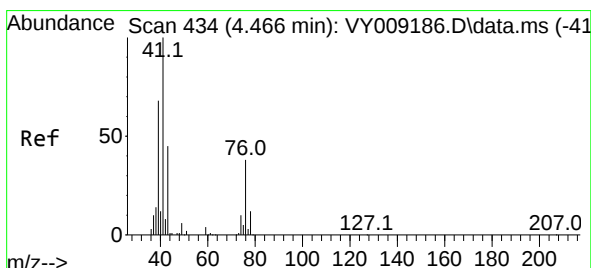
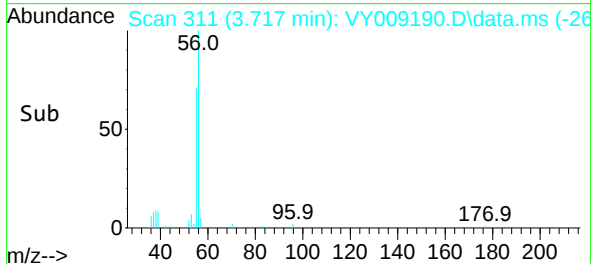
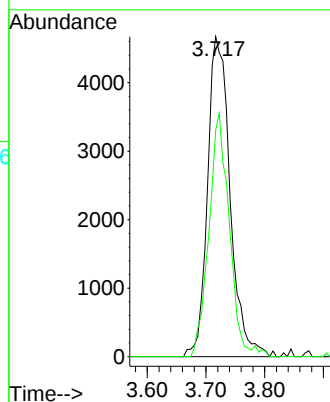
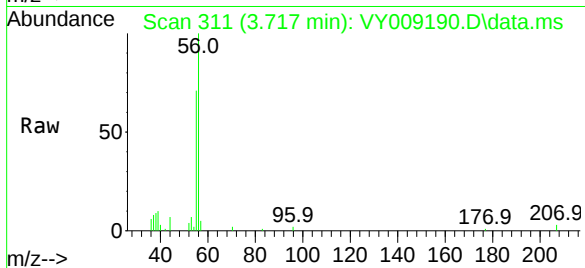
BFB

Tgt Ion: 56 Resp: 12464

Ion Ratio Lower Upper

56 100

55 67.8 57.6 86.4



#14

Allyl chloride

Concen: 49.403 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

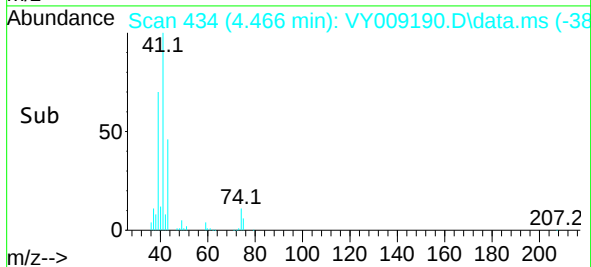
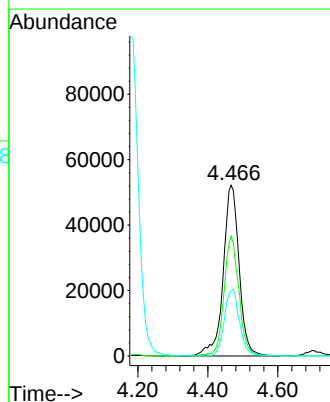
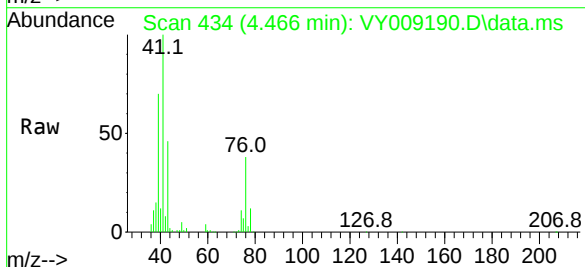
Tgt Ion: 41 Resp: 165064

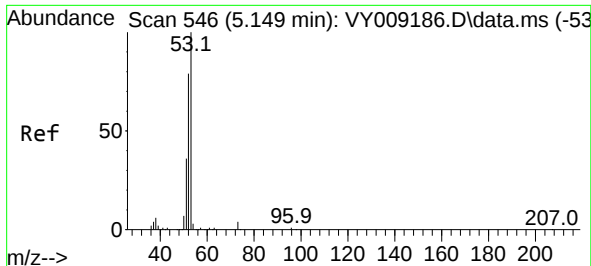
Ion Ratio Lower Upper

41 100

39 65.7 58.8 88.2

76 36.9 25.1 37.7

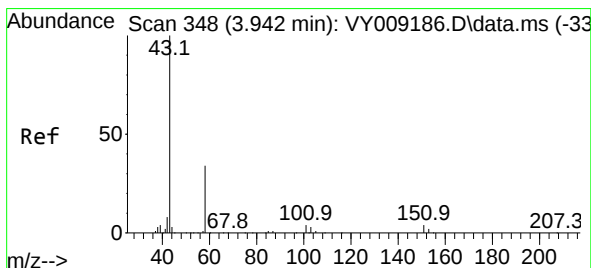
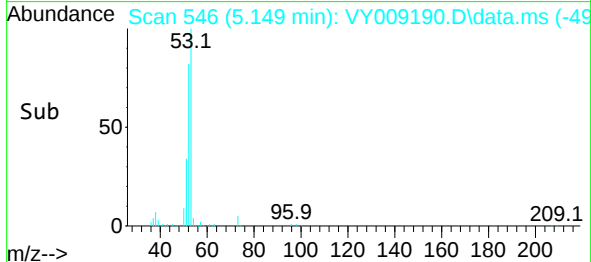
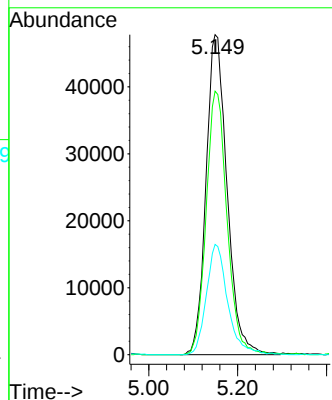
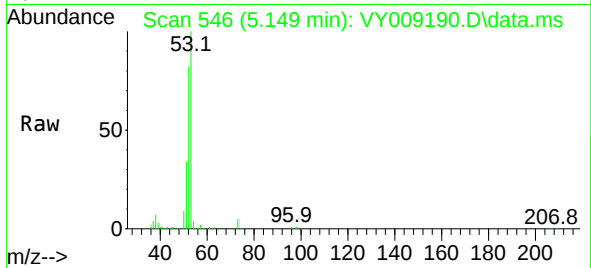




#15
Acrylonitrile
Concen: 253.833 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

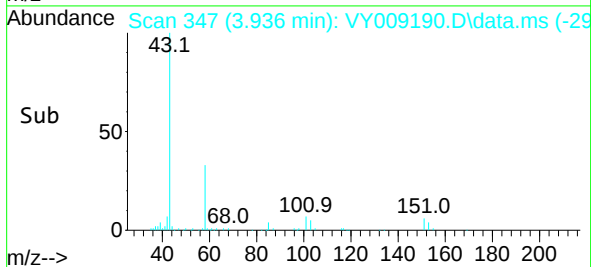
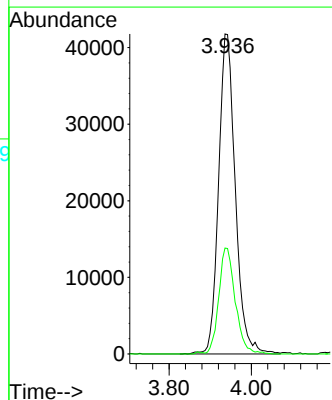
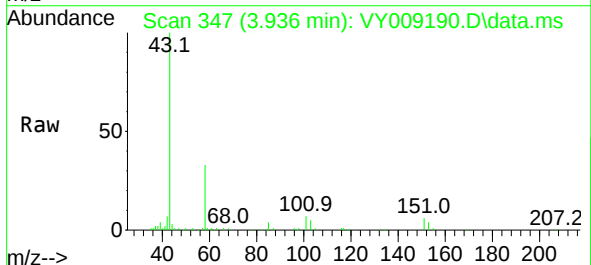
Instrument :
MSVOA_Y
ClientSampleId :
BFB

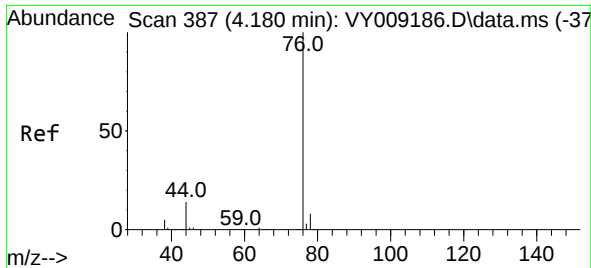
Tgt Ion: 53 Resp: 157617
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 34.9 29.8 44.6



#16
Acetone
Concen: 230.048 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 43 Resp: 117781
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#

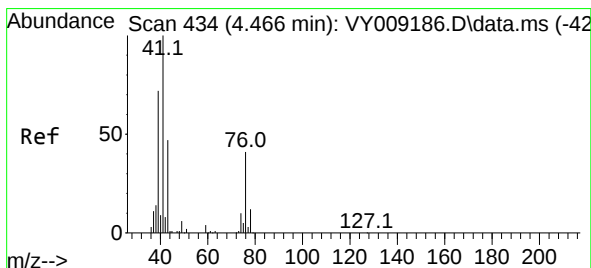
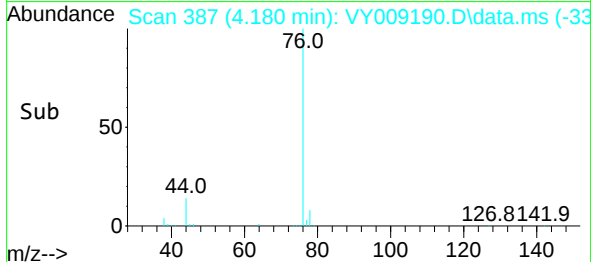
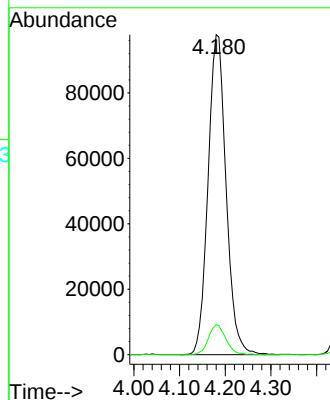
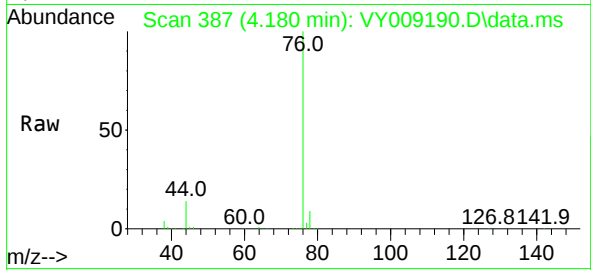




#17
Carbon Disulfide
Concen: 50.100 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

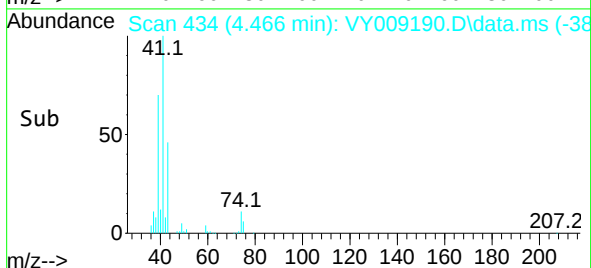
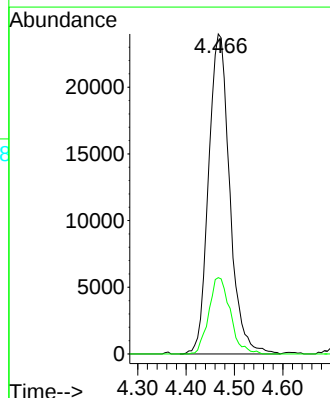
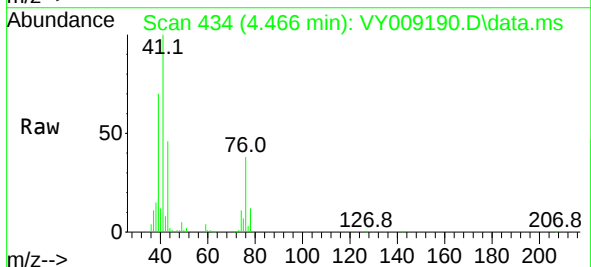
Instrument :
MSVOA_Y
ClientSampleId :
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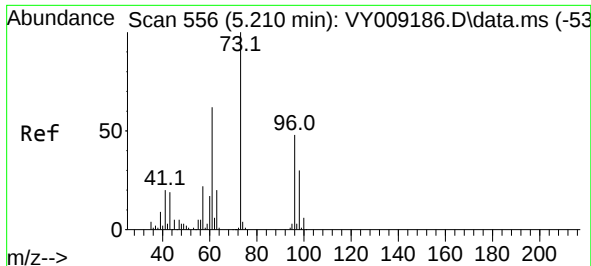
Tgt Ion: 76 Resp: 268540
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 49.073 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 43 Resp: 72639
Ion Ratio Lower Upper
43 100
74 24.3 16.6 24.8

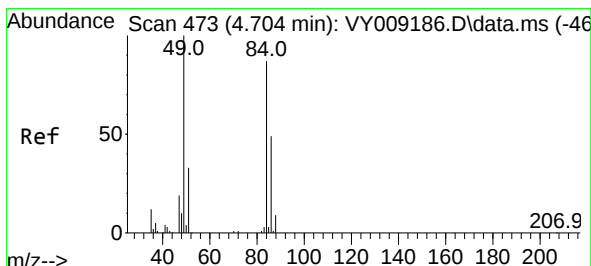
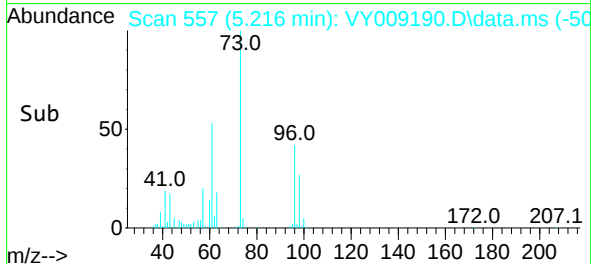
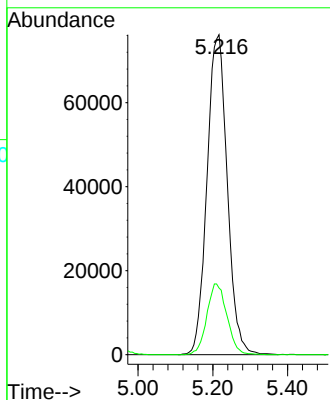
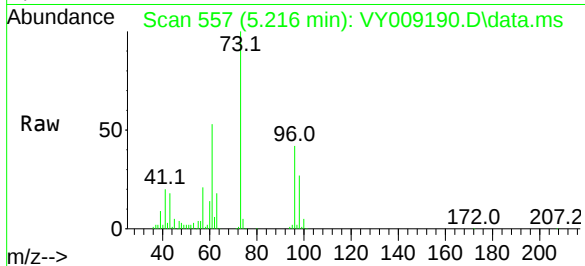




#19
Methyl tert-butyl Ether
Concen: 51.264 ug/l
RT: 5.216 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

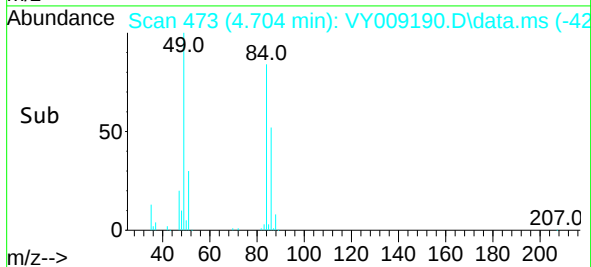
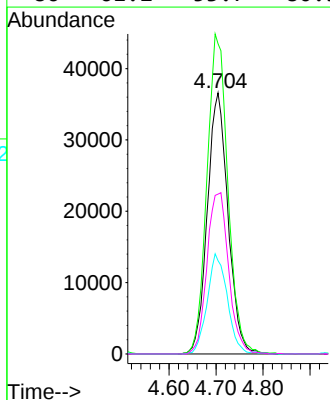
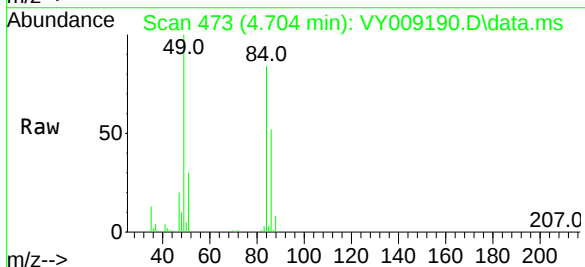
Instrument :
MSVOA_Y
ClientSampleId :
BFB

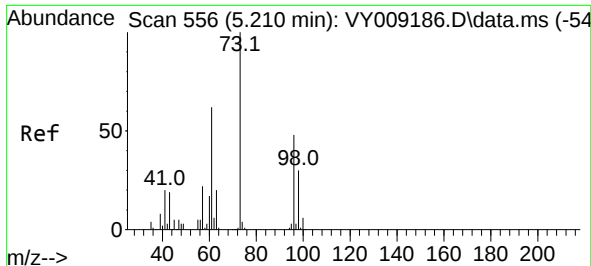
Tgt Ion: 73 Resp: 286382
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 48.600 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 84 Resp: 112184
Ion Ratio Lower Upper
84 100
49 118.8 114.4 171.6
51 35.8 35.3 52.9
86 61.2 53.7 80.5

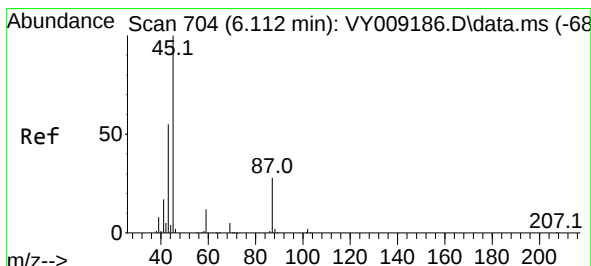
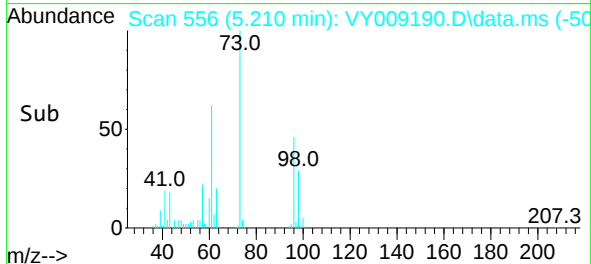
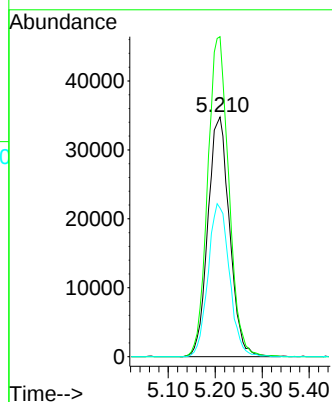
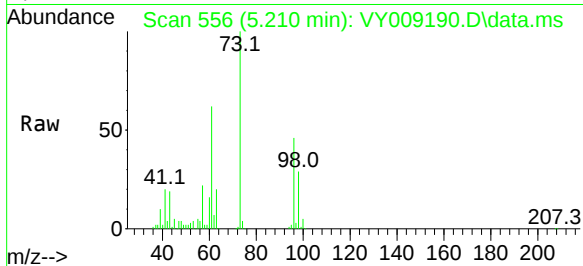




#21
trans-1,2-Dichloroethene
Concen: 51.099 ug/l
RT: 5.210 min Scan# 510
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

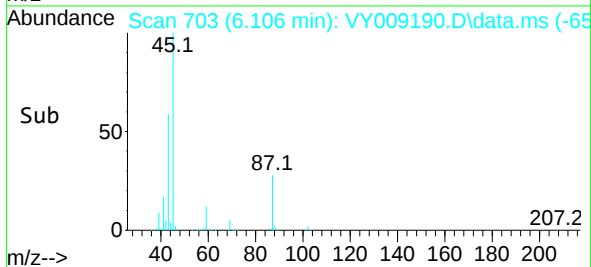
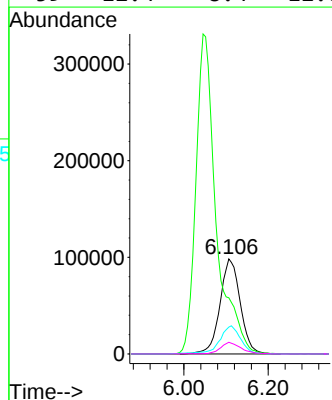
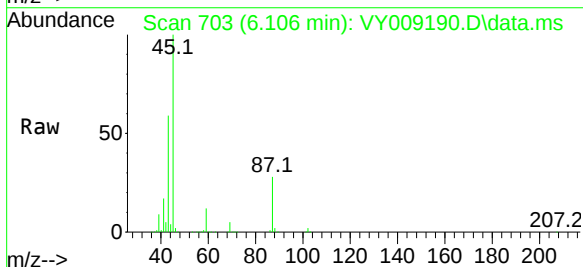
Instrument :
MSVOA_Y
ClientSampleId :
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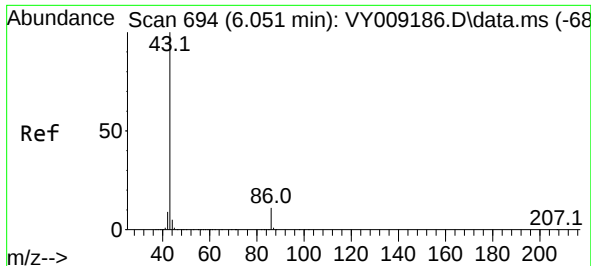
Tgt Ion: 96 Resp: 110858
Ion Ratio Lower Upper
96 100
61 133.5 120.5 180.7
98 62.0 49.8 74.8



#22
Diisopropyl ether
Concen: 47.575 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 45 Resp: 327761
Ion Ratio Lower Upper
45 100
43 58.8 49.3 73.9
87 28.2 19.2 28.8
59 12.4 8.4 12.6

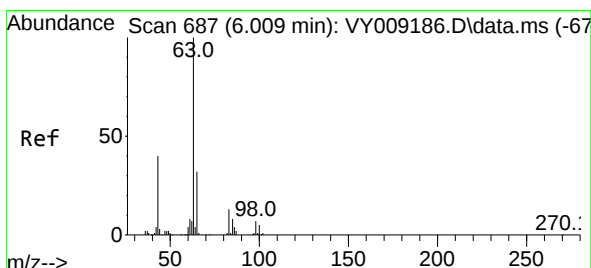
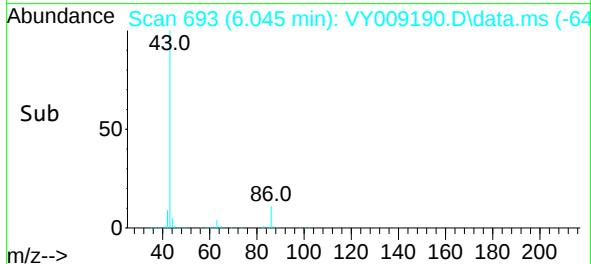
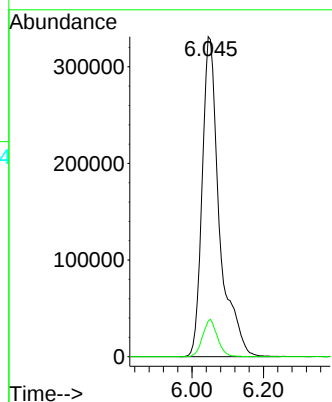
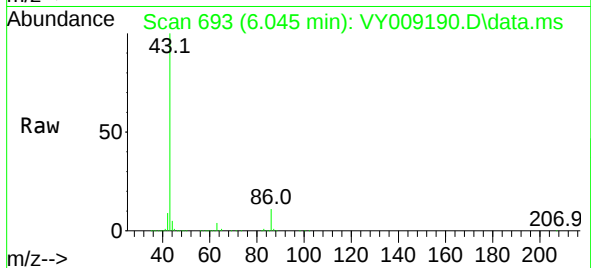




#23
 Vinyl Acetate
 Concen: 255.992 ug/l
 RT: 6.045 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY009190.D
 Acq: 15 Jun 2022 17:55

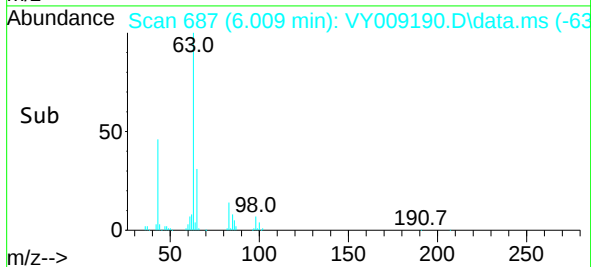
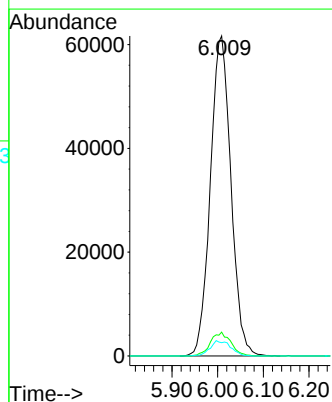
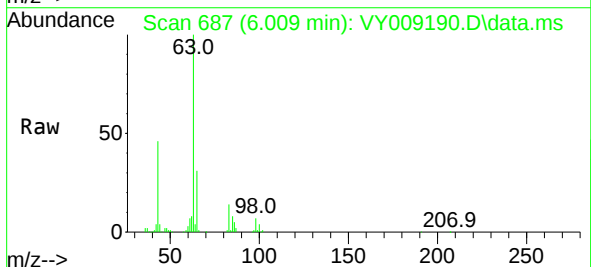
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

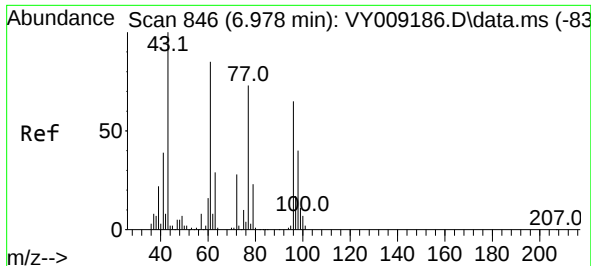
Tgt Ion: 43 Resp: 1109433
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.486 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY009190.D
 Acq: 15 Jun 2022 17:55

Tgt Ion: 63 Resp: 192638
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.2 2.0 5.8

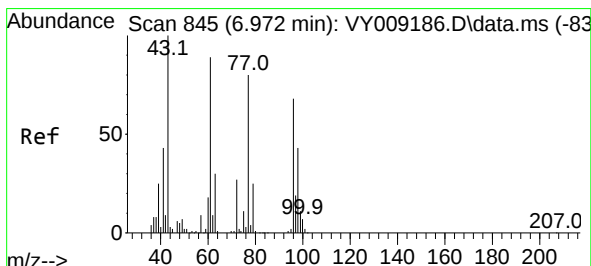
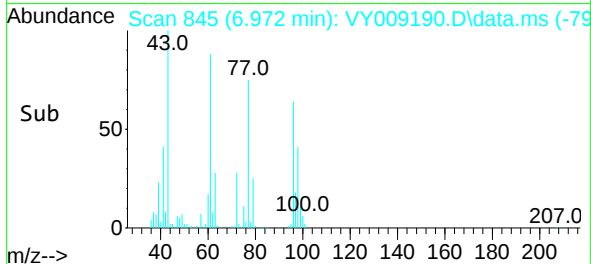
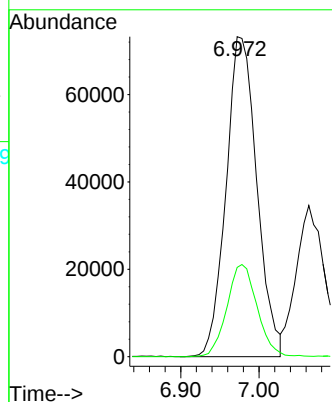
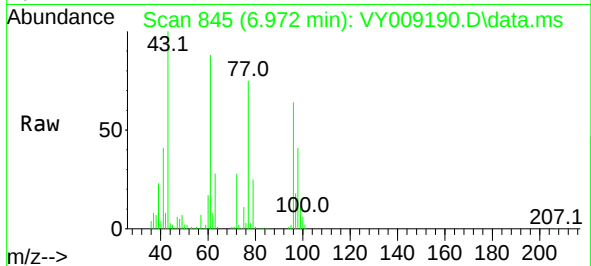




#25
2-Butanone
Concen: 247.108 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

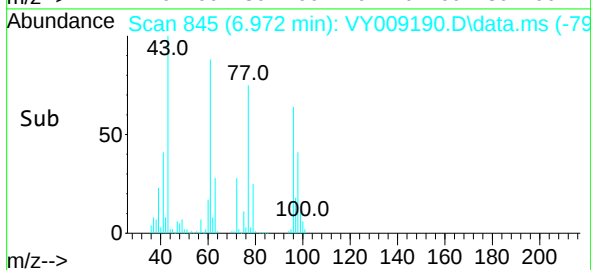
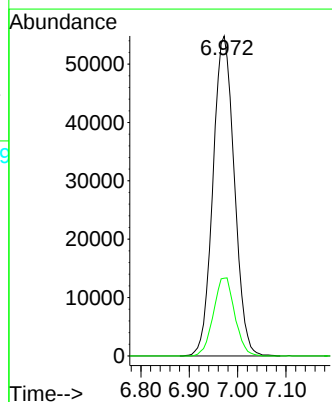
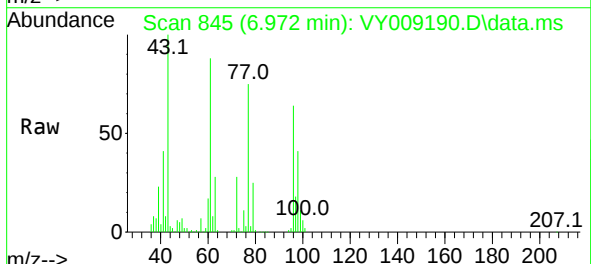
Instrument :
MSVOA_Y
ClientSampleId :
BFB

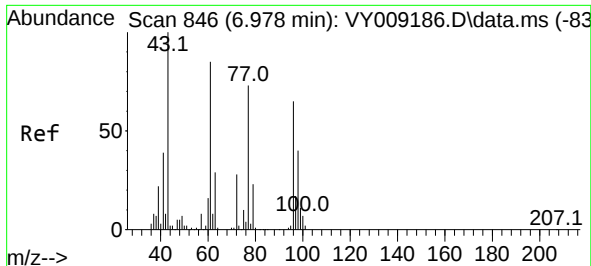
Tgt Ion: 43 Resp: 200198
Ion Ratio Lower Upper
43 100
72 27.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 48.740 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 77 Resp: 168116
Ion Ratio Lower Upper
77 100
97 24.4 10.4 31.4

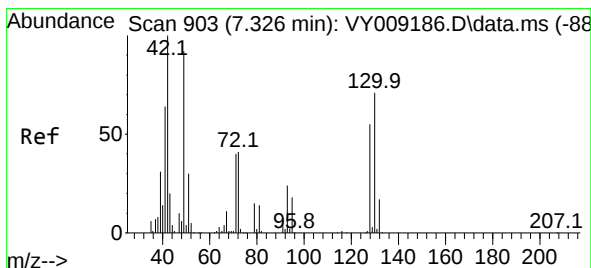
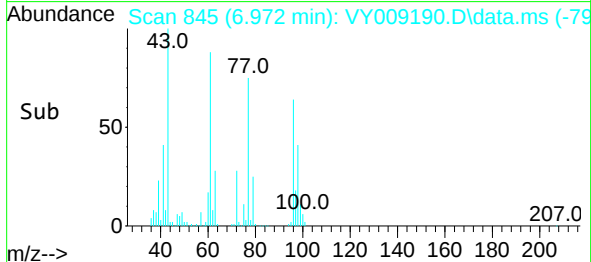
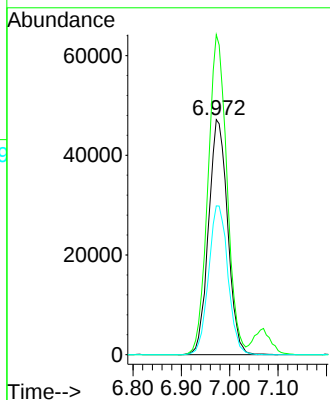
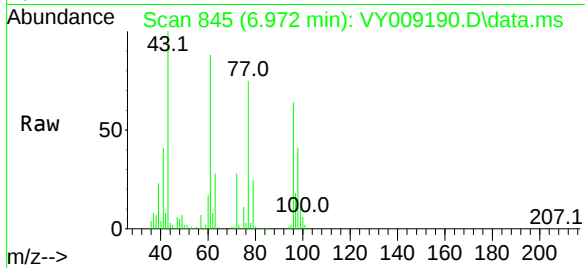




#27
 cis-1,2-Dichloroethene
 Concen: 50.819 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY009190.D
 Acq: 15 Jun 2022 17:55

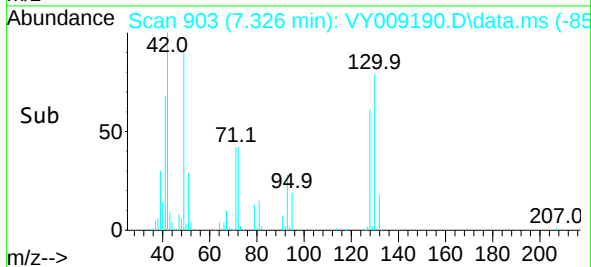
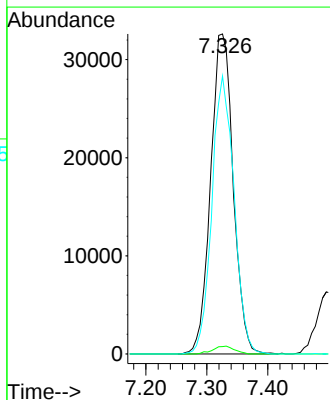
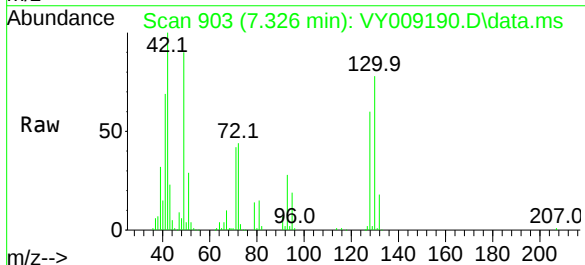
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

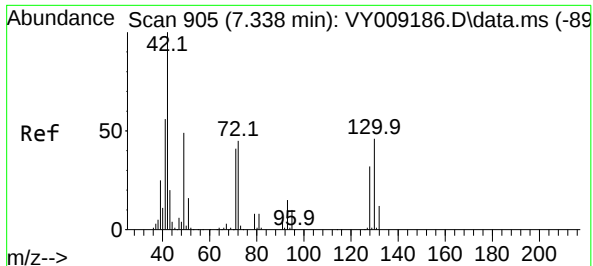
Tgt Ion: 96 Resp: 129302
 Ion Ratio Lower Upper
 96 100
 61 135.1 0.0 319.8
 98 64.3 0.0 127.0



#28
 Bromochloromethane
 Concen: 50.386 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY009190.D
 Acq: 15 Jun 2022 17:55

Tgt Ion: 49 Resp: 84072
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.2#
 130 84.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 249.736 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

BFB

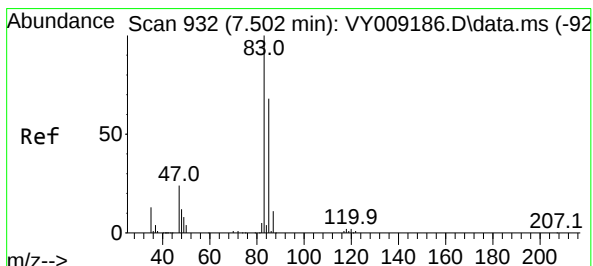
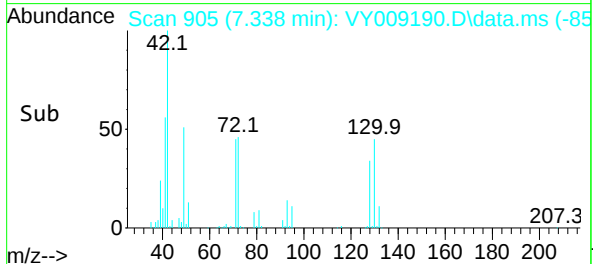
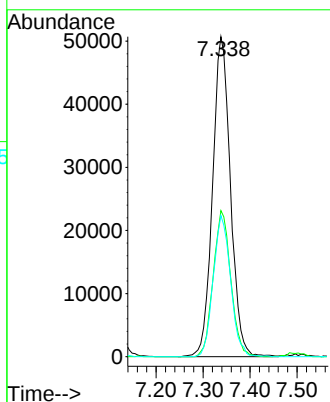
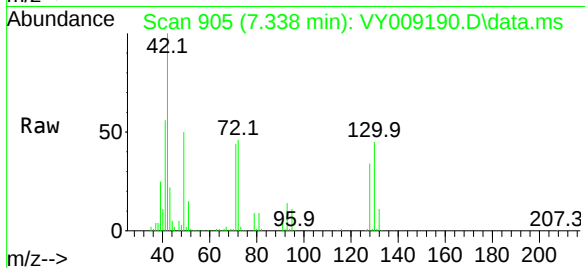
Tgt Ion: 42 Resp: 134341

Ion Ratio Lower Upper

42 100

72 44.8 30.3 45.5

71 42.8 29.0 43.4



#30

Chloroform

Concen: 49.322 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009190.D

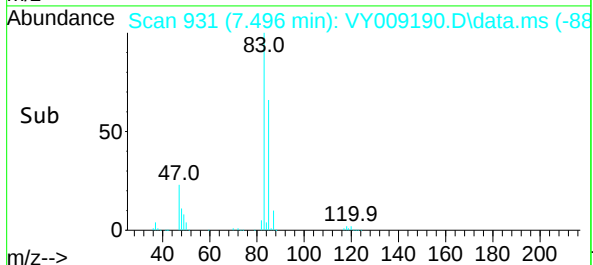
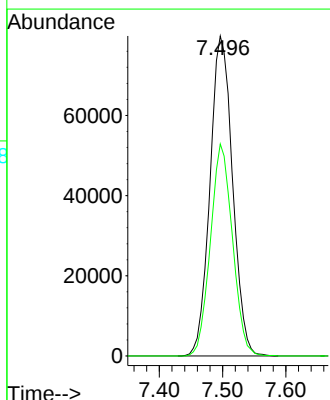
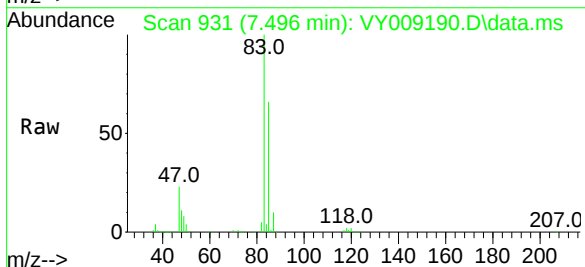
Acq: 15 Jun 2022 17:55

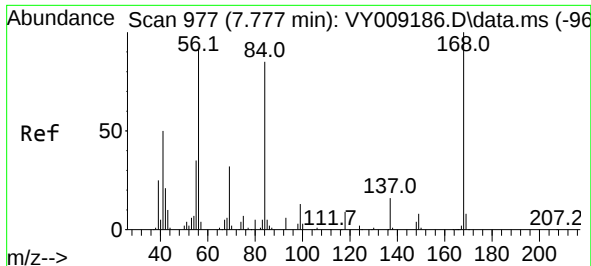
Tgt Ion: 83 Resp: 197498

Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.6

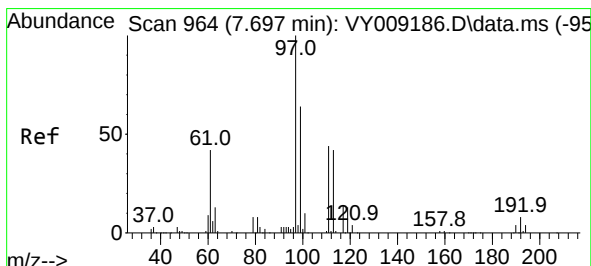
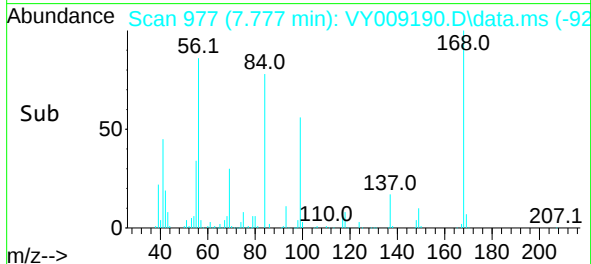
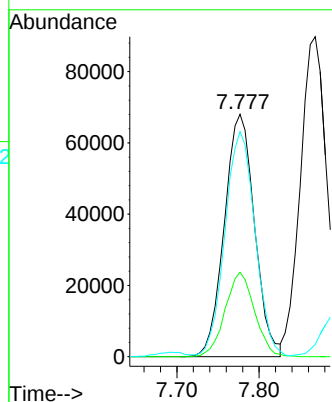
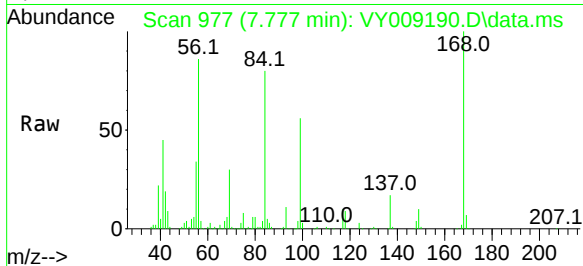




#31
Cyclohexane
Concen: 47.750 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

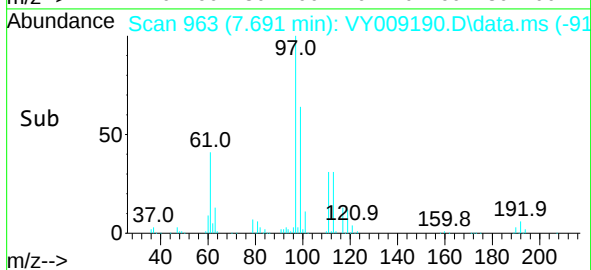
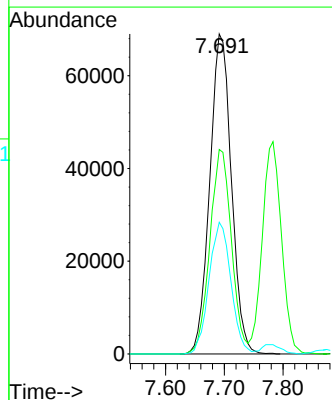
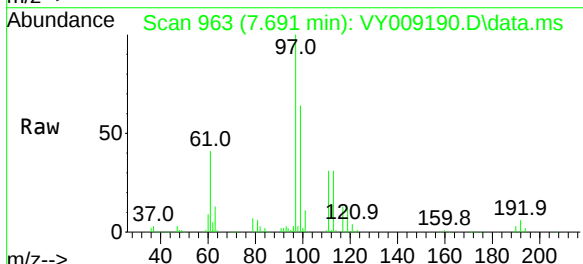
Instrument :
MSVOA_Y
ClientSampleId :
BFB

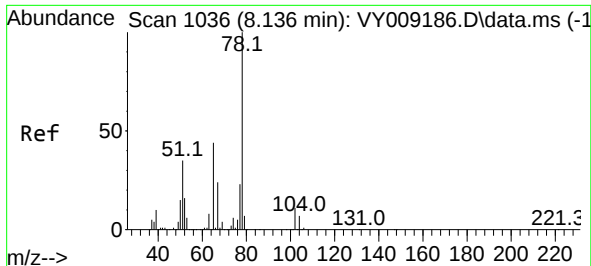
Tgt Ion: 56 Resp: 173852
Ion Ratio Lower Upper
56 100
69 34.5 26.7 40.1
84 91.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.004 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 97 Resp: 176054
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 41.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.058 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

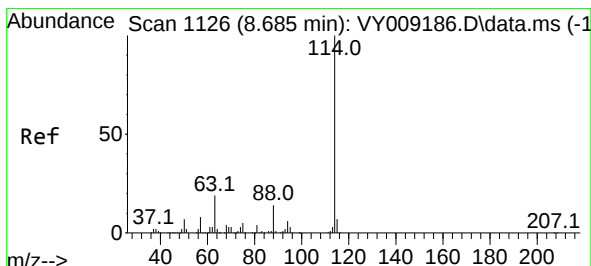
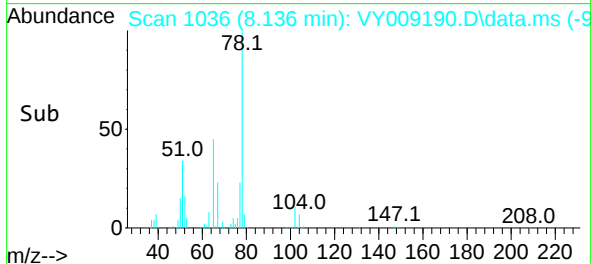
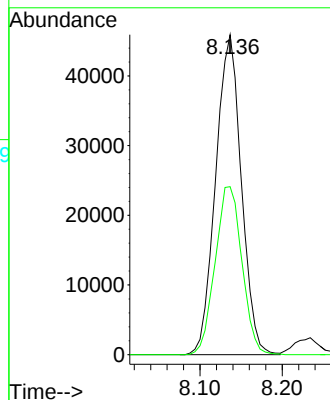
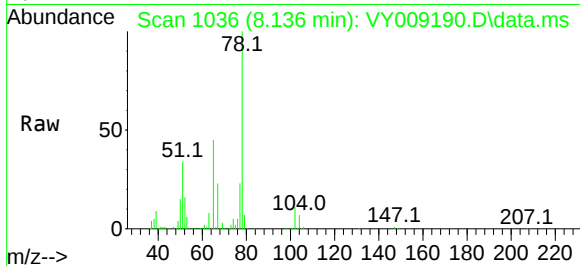
BFB

Tgt Ion: 65 Resp: 99711

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

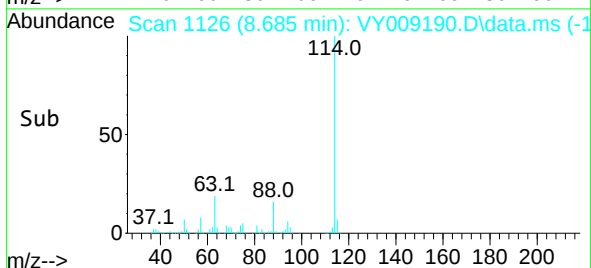
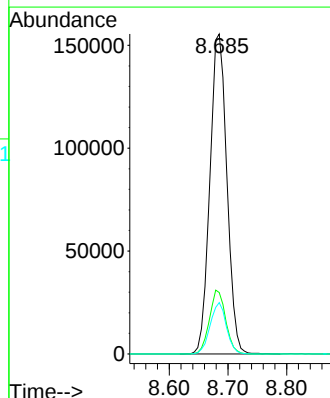
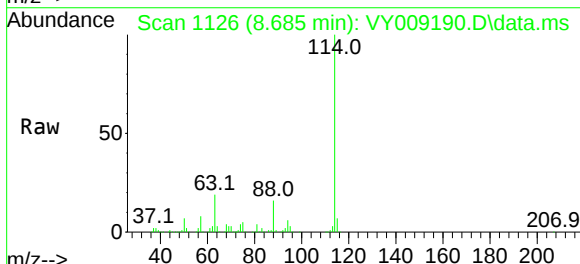
Tgt Ion: 114 Resp: 312491

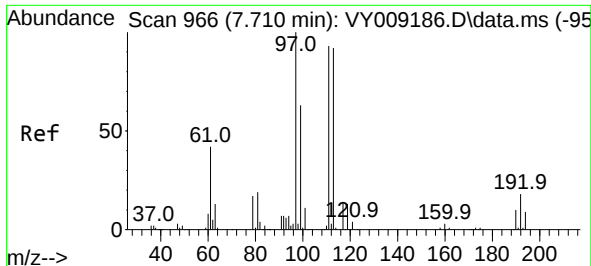
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 16.0 0.0 31.8

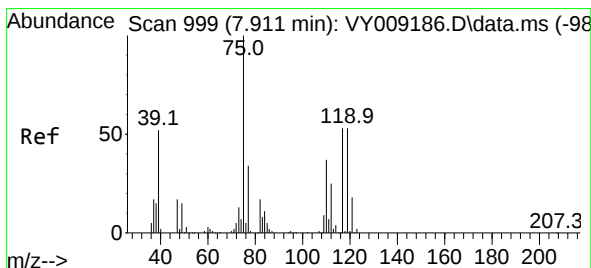
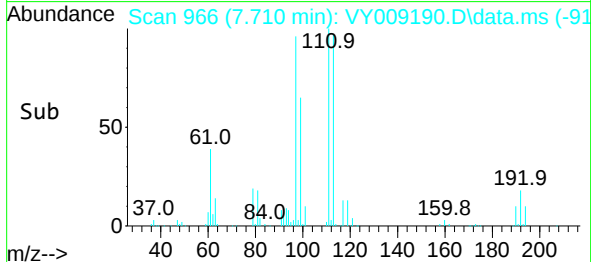
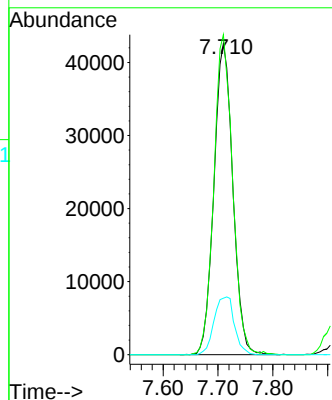
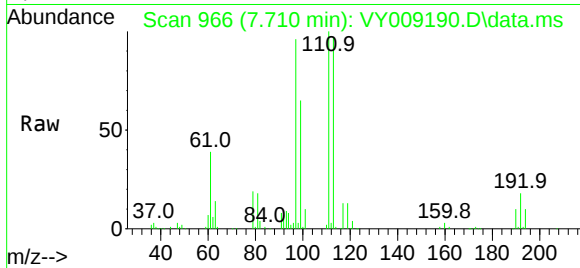




#35
Dibromofluoromethane
Concen: 52.013 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

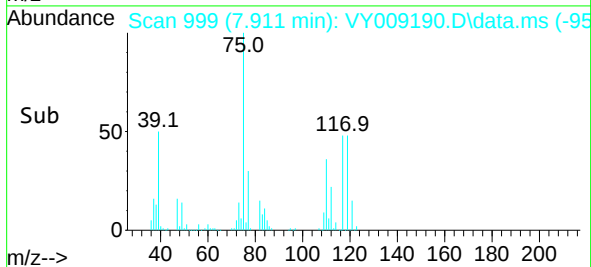
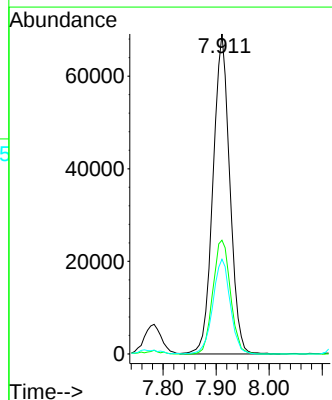
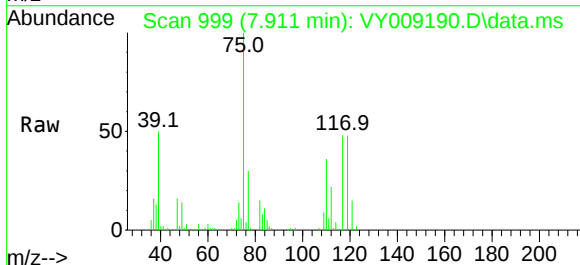
Instrument :
MSVOA_Y
ClientSampleId :
BFB

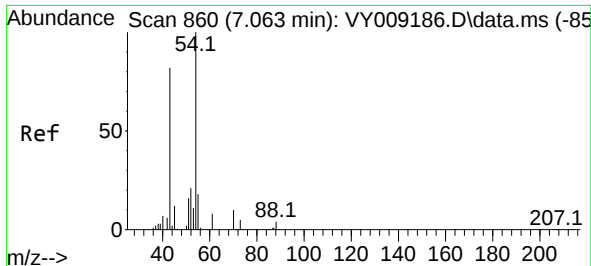
Tgt Ion:113 Resp: 101904
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.399 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 75 Resp: 151892
Ion Ratio Lower Upper
75 100
110 37.2 17.1 51.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 50.083 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

BFB

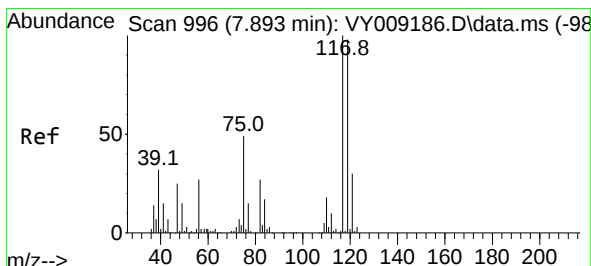
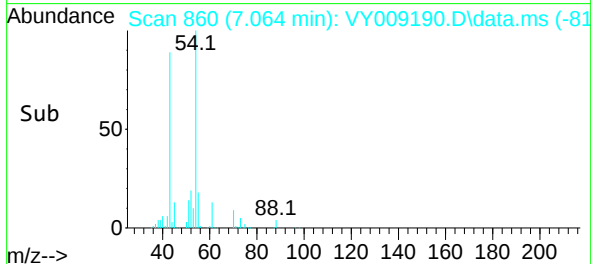
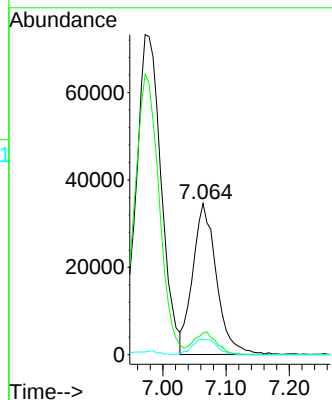
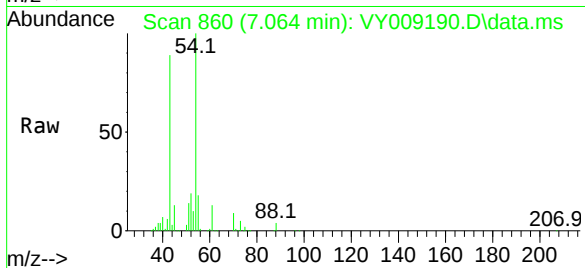
Tgt Ion: 43 Resp: 89819

Ion Ratio Lower Upper

43 100

61 14.7 9.7 14.5#

70 10.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.722 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

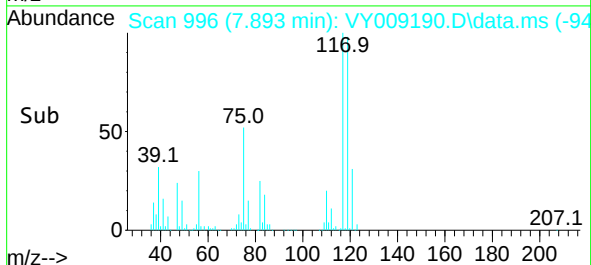
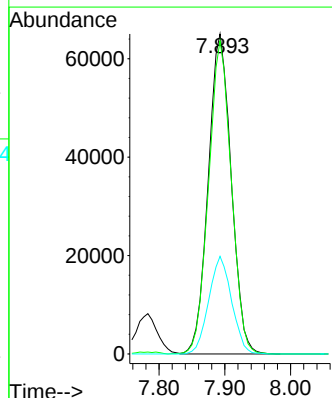
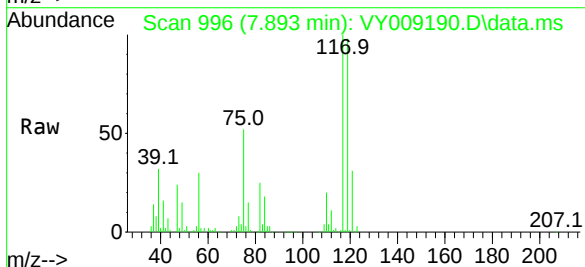
Tgt Ion: 117 Resp: 158065

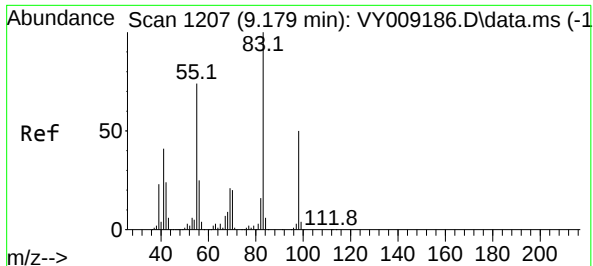
Ion Ratio Lower Upper

117 100

119 97.9 77.9 116.9

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 52.149 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

BFB

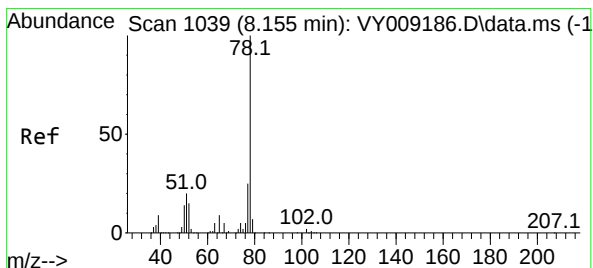
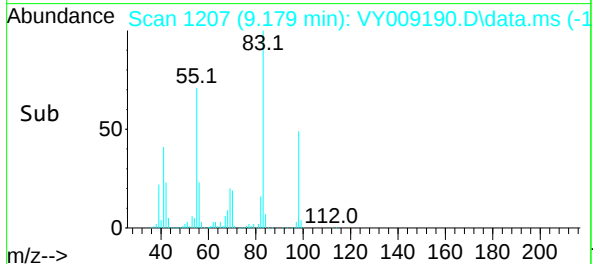
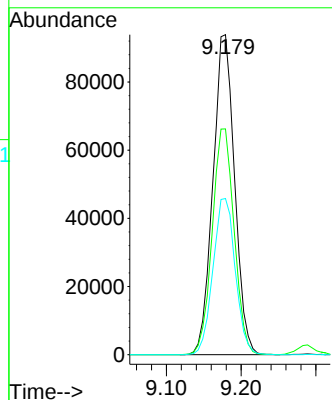
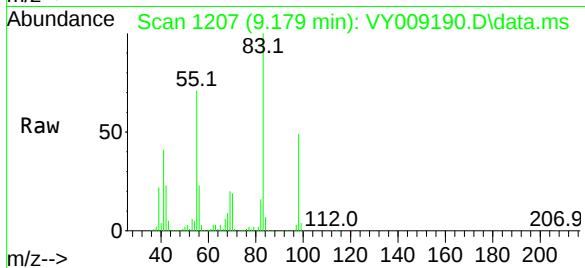
Tgt Ion: 83 Resp: 189477

Ion Ratio Lower Upper

83 100

55 70.5 66.5 99.7

98 48.8 37.9 56.9



#40

Benzene

Concen: 50.023 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009190.D

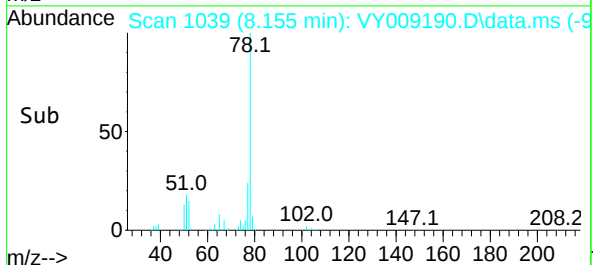
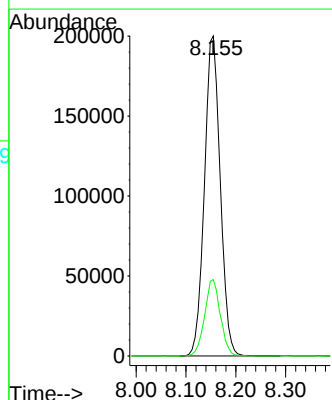
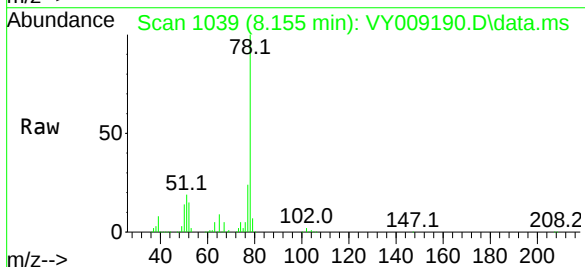
Acq: 15 Jun 2022 17:55

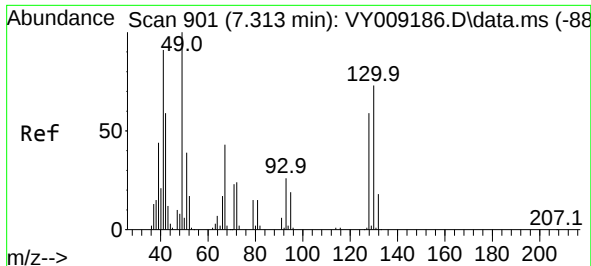
Tgt Ion: 78 Resp: 440243

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

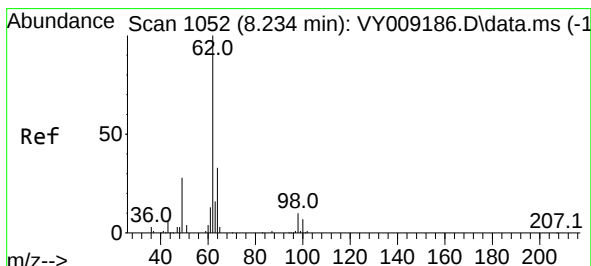
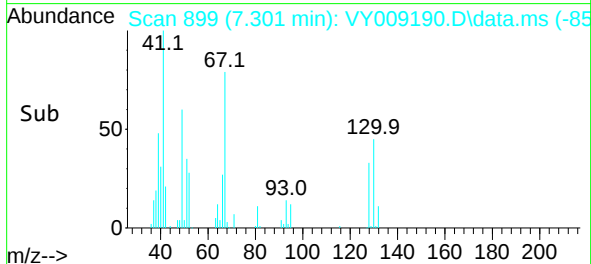
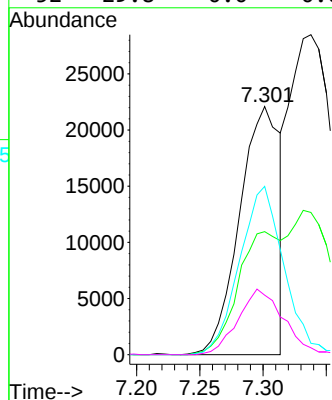
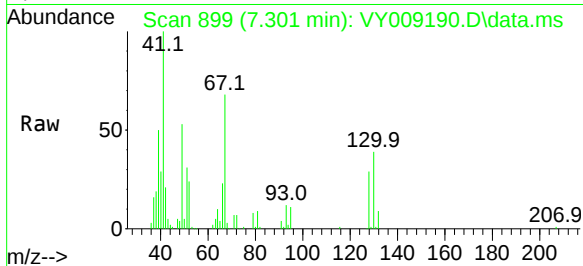




#41
Methacrylonitrile
Concen: 48.861 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

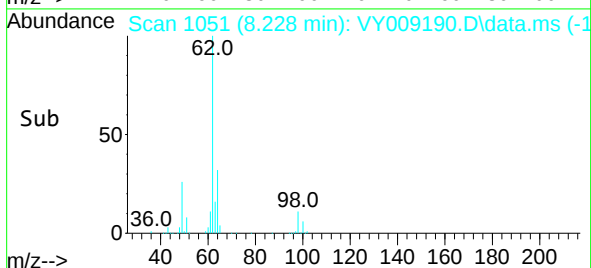
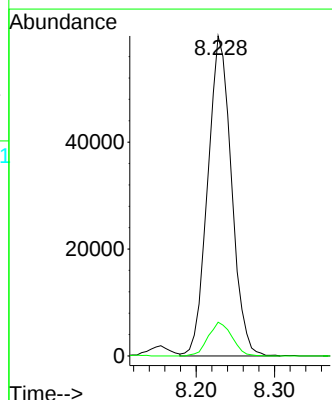
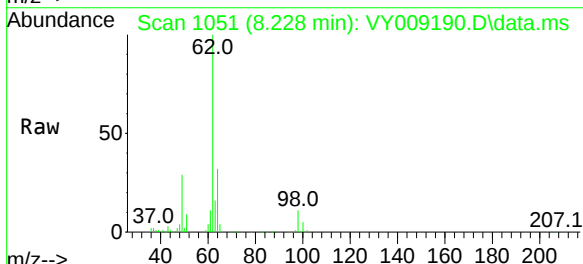
Instrument :
MSVOA_Y
ClientSampleId :
BFB

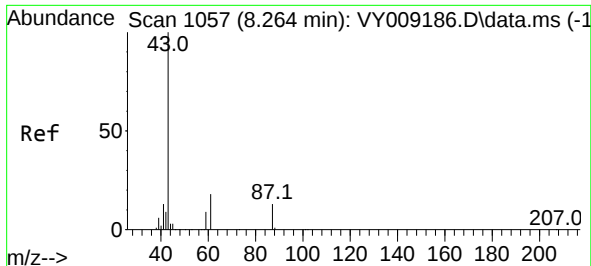
Tgt Ion: 41 Resp: 49012
Ion Ratio Lower Upper
41 100
39 52.1 92.9 139.3#
67 75.2 0.0 0.0#
52 29.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.093 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 62 Resp: 126007
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8

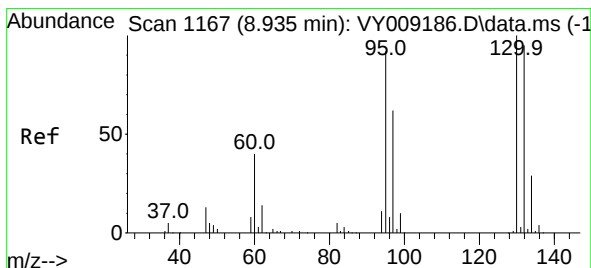
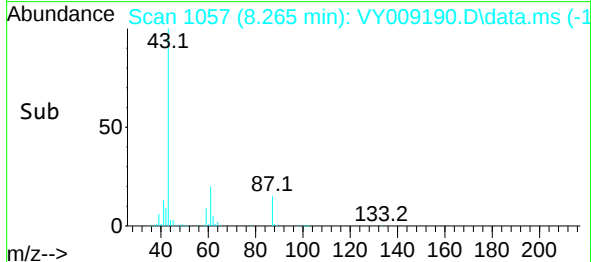
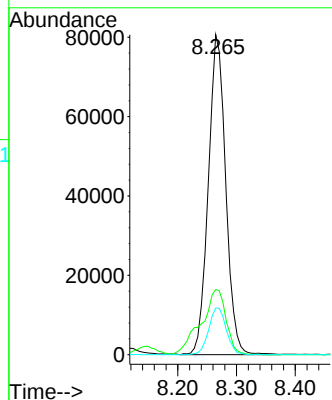
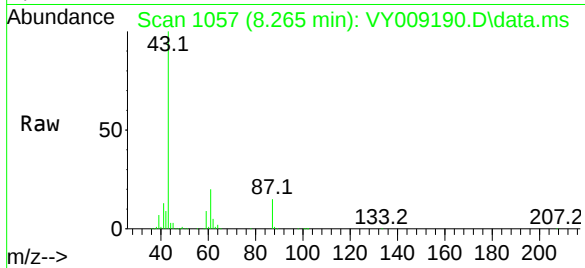




#43
Isopropyl Acetate
Concen: 50.047 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

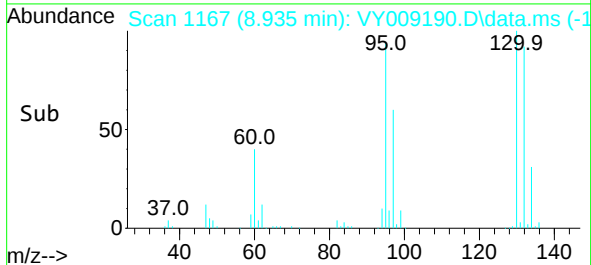
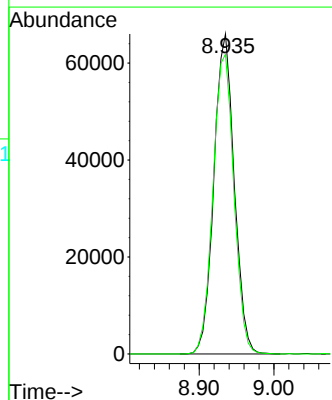
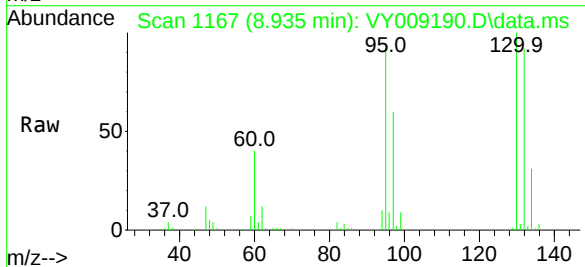
Instrument :
MSVOA_Y
ClientSampleId :
BFB

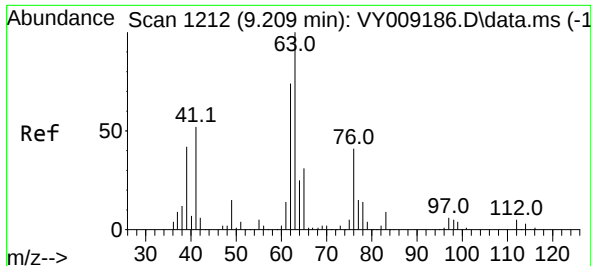
Tgt Ion: 43 Resp: 166011
Ion Ratio Lower Upper
43 100
61 29.3 20.2 30.2
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 49.614 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:130 Resp: 124812
Ion Ratio Lower Upper
130 100
95 93.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.473 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

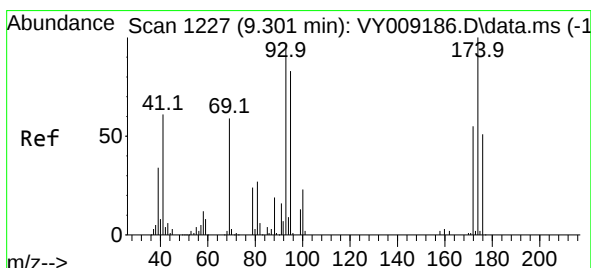
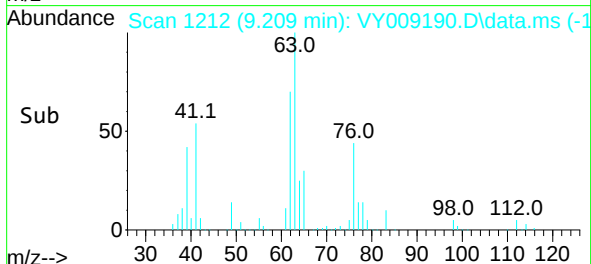
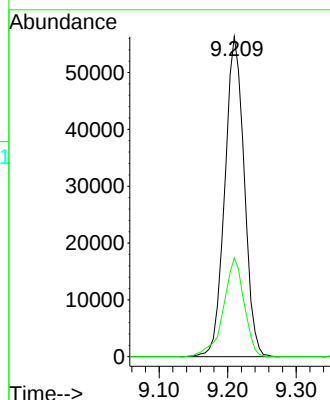
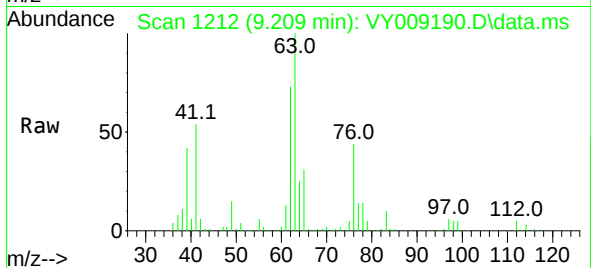
BFB

Tgt Ion: 63 Resp: 110366

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 51.119 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

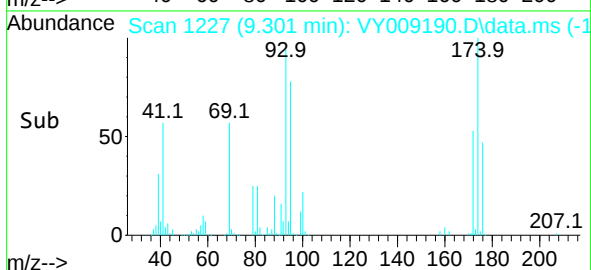
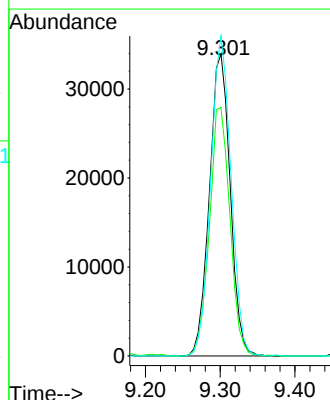
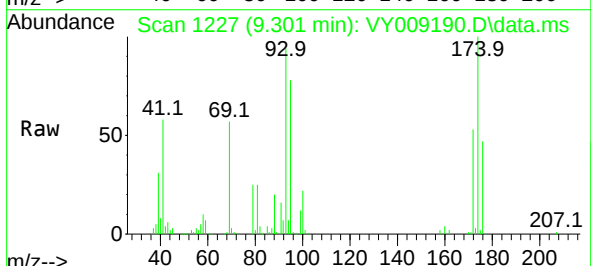
Tgt Ion: 93 Resp: 65597

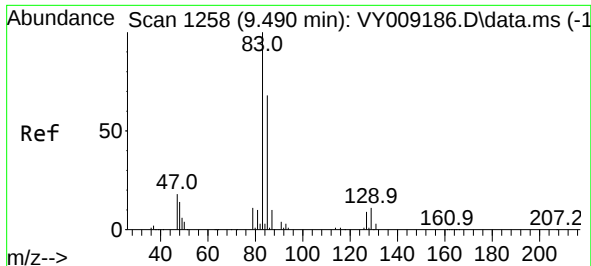
Ion Ratio Lower Upper

93 100

95 81.0 64.3 96.5

174 103.4 83.4 125.0

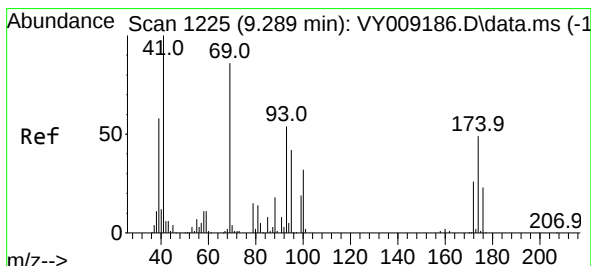
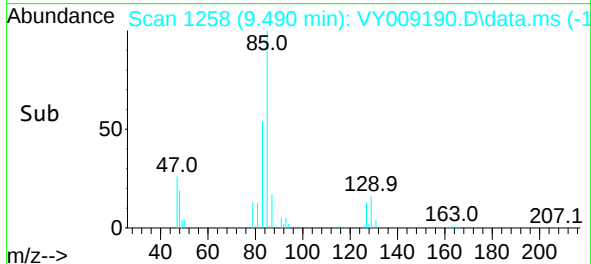
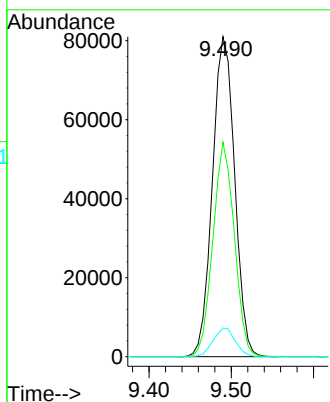
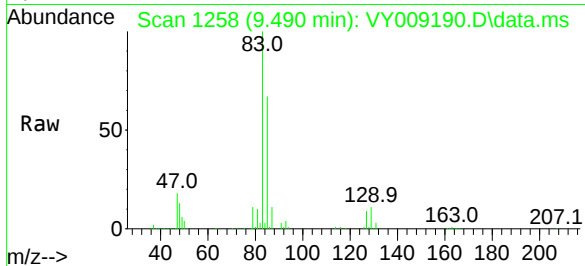




#47
Bromodichloromethane
Concen: 49.846 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

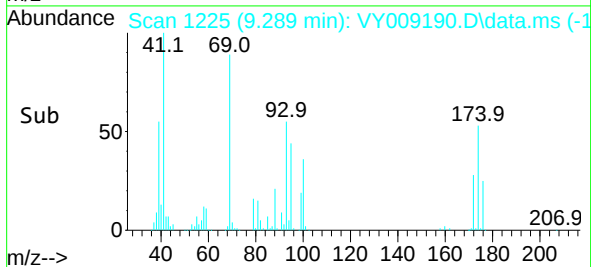
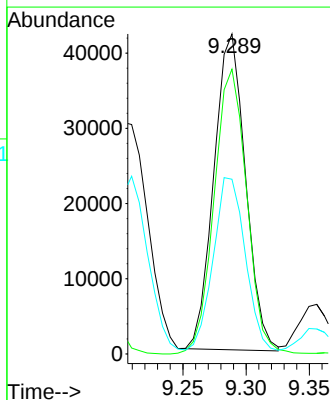
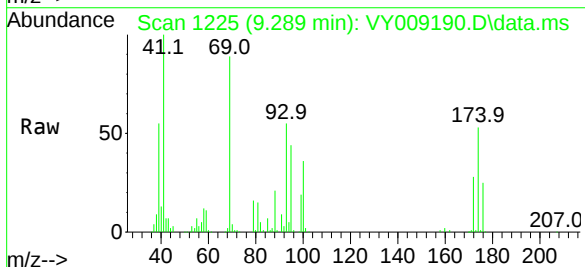
Instrument :
MSVOA_Y
ClientSampleId :
BFB

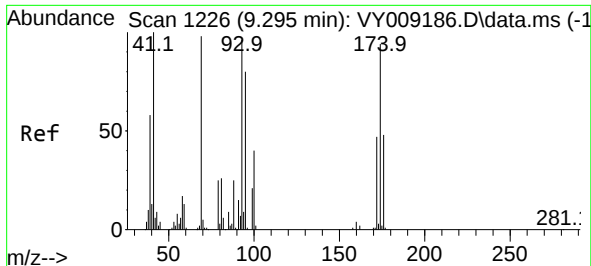
Tgt Ion: 83 Resp: 152453
Ion Ratio Lower Upper
83 100
85 67.0 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 49.288 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 41 Resp: 72973
Ion Ratio Lower Upper
41 100
69 93.0 58.2 87.2#
39 55.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1045.107 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

BFB

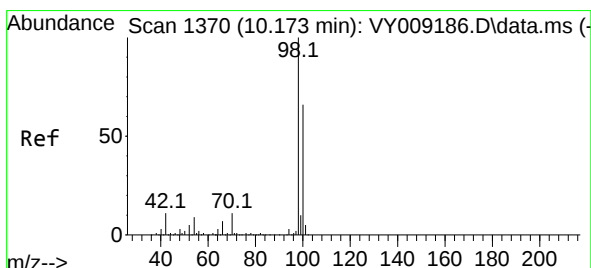
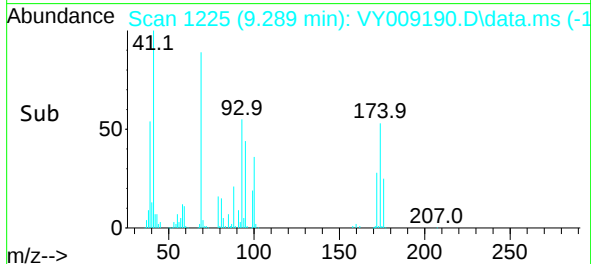
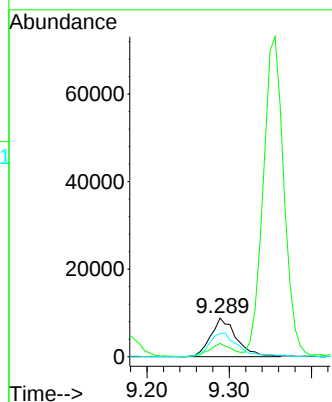
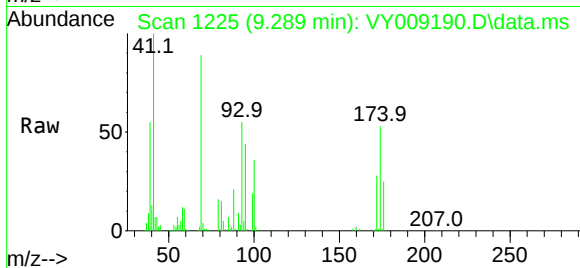
Tgt Ion: 88 Resp: 19077

Ion Ratio Lower Upper

88 100

43 30.1 32.8 49.2#

58 69.1 59.8 89.6



#50

Toluene-d8

Concen: 49.751 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009190.D

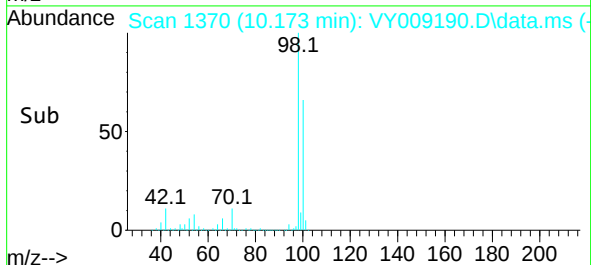
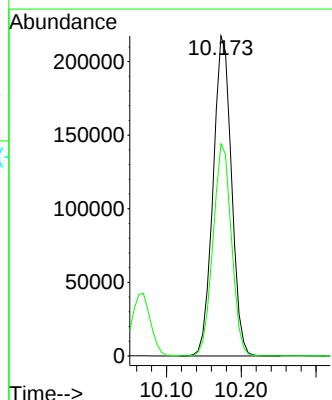
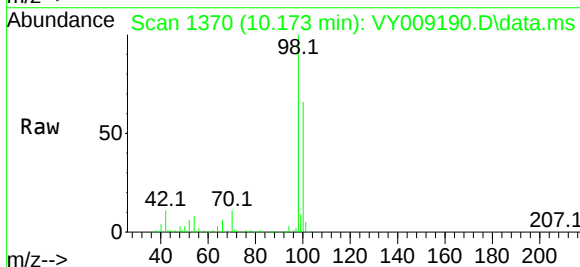
Acq: 15 Jun 2022 17:55

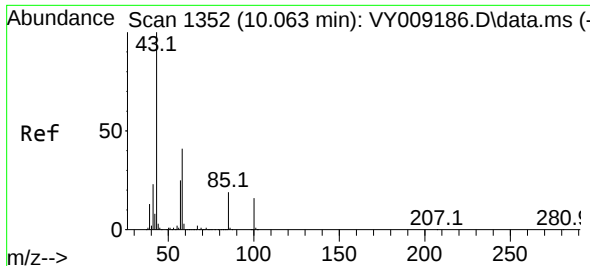
Tgt Ion: 98 Resp: 371042

Ion Ratio Lower Upper

98 100

100 66.4 50.2 75.2

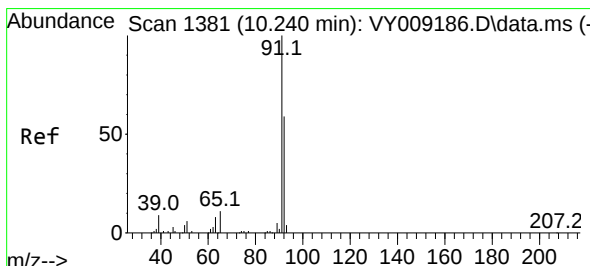
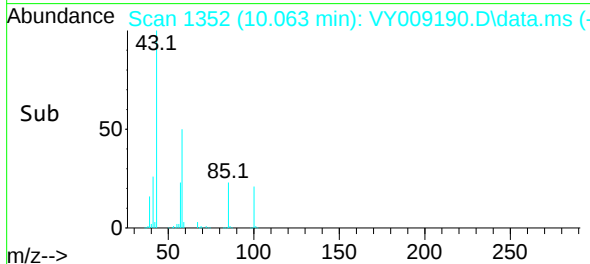
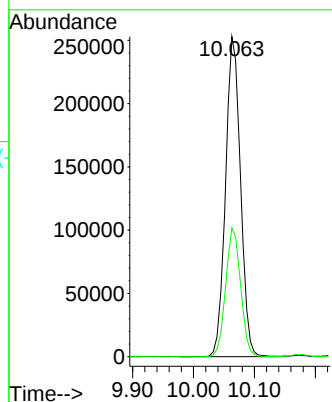
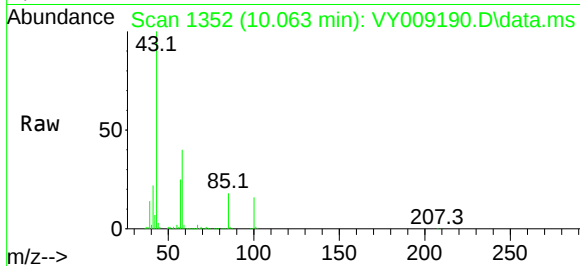




#51
4-Methyl-2-Pentanone
Concen: 247.449 ug/l
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

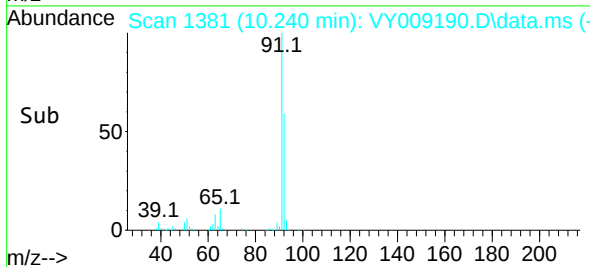
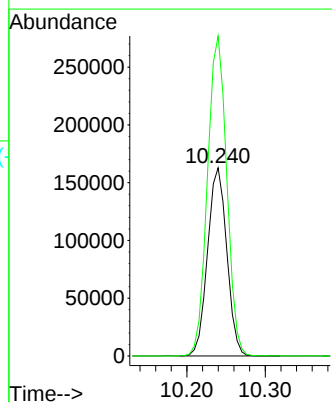
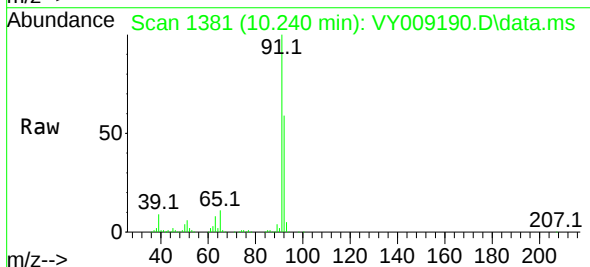
Instrument :
MSVOA_Y
ClientSampleId :
BFB

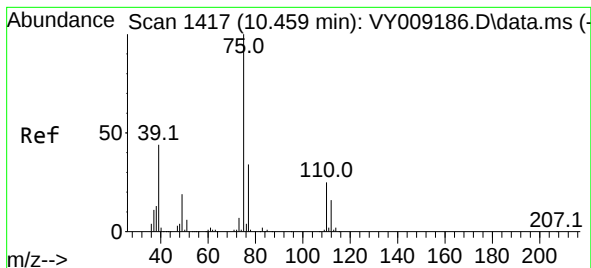
Tgt Ion: 43 Resp: 431764
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1



#52
Toluene
Concen: 49.303 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 92 Resp: 277052
Ion Ratio Lower Upper
92 100
91 170.7 142.6 213.8

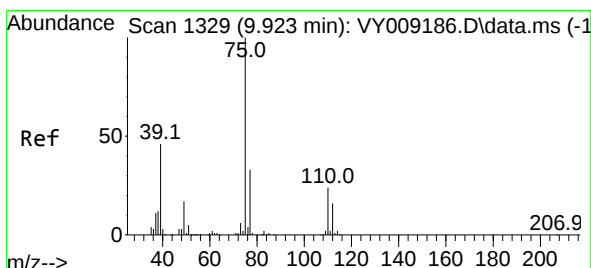
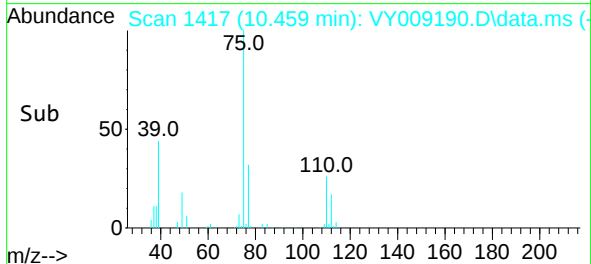
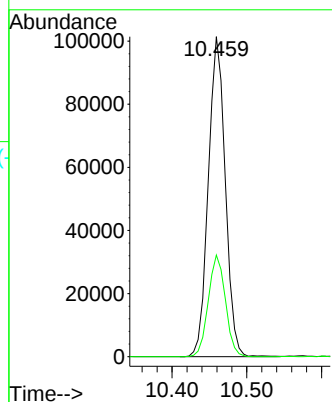
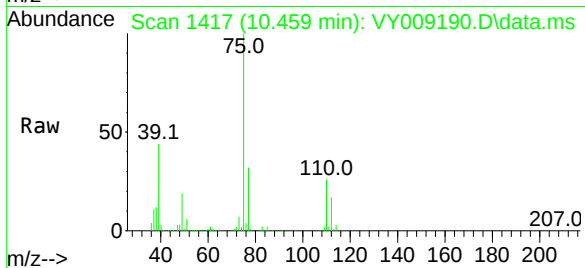




#53
t-1,3-Dichloropropene
Concen: 49.883 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

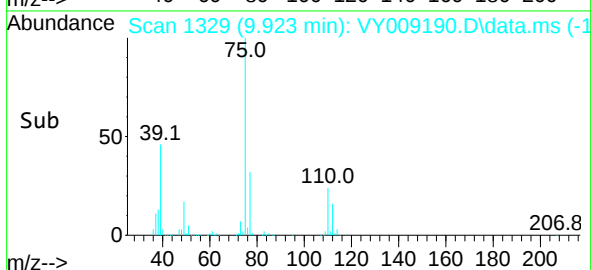
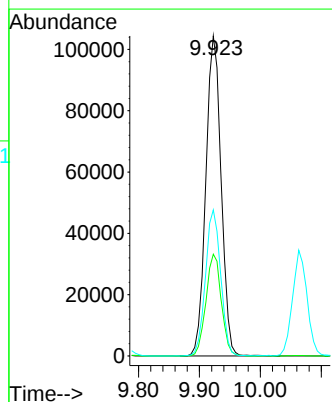
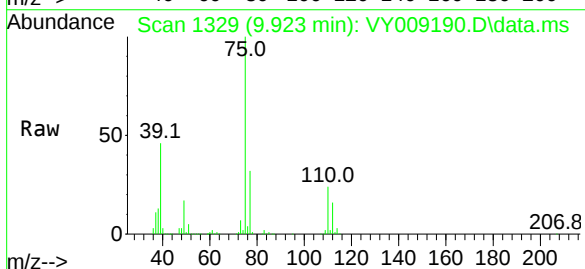
Instrument :
MSVOA_Y
ClientSampleId :
BFB

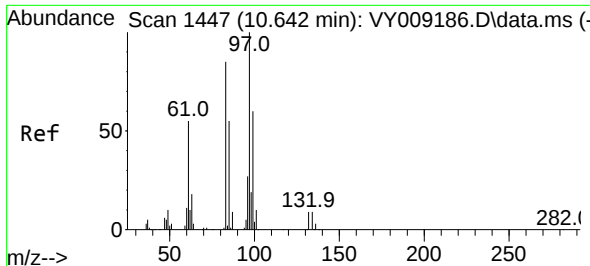
Tgt Ion: 75 Resp: 160033
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.277 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 75 Resp: 182166
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 45.7 47.6 71.4#

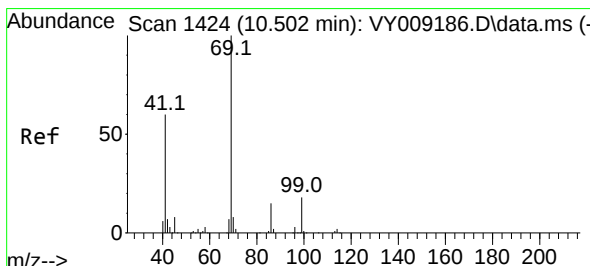
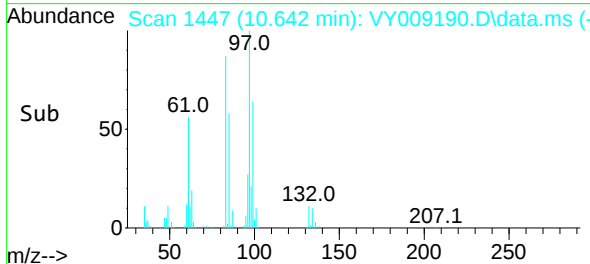
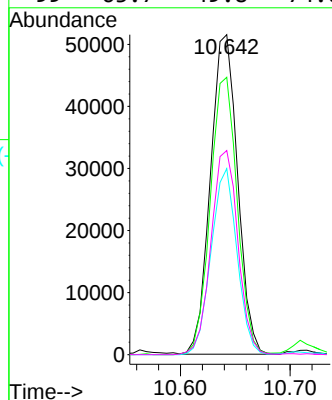
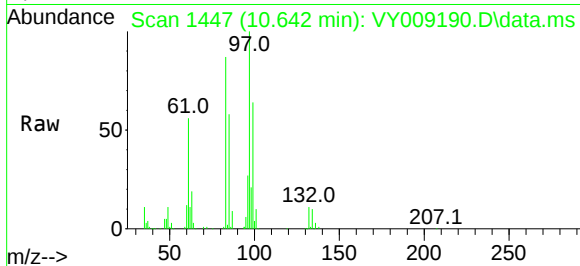




#55
1,1,2-Trichloroethane
Concen: 48.870 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

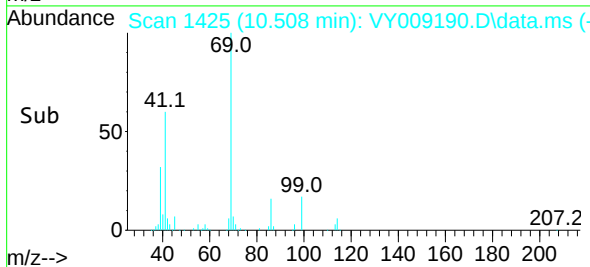
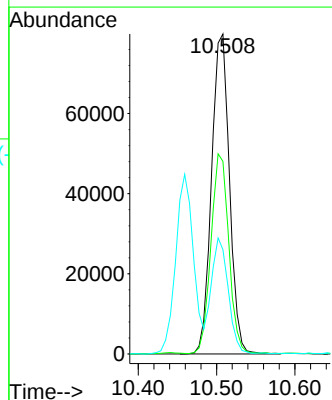
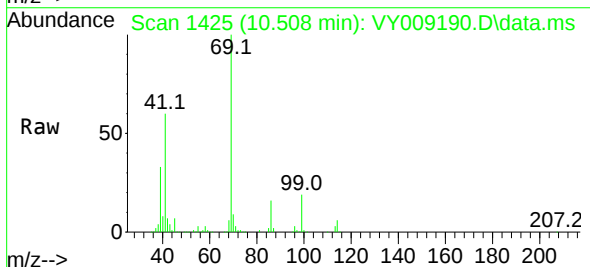
Instrument :
MSVOA_Y
ClientSampleId :
BFB

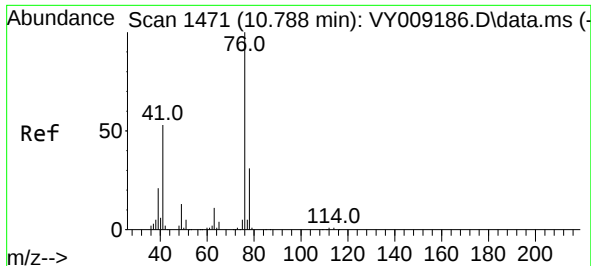
Tgt Ion:	97	Resp:	88745
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.8	104.8
85	58.3	44.3	66.5
99	63.7	49.8	74.6



#56
Ethyl methacrylate
Concen: 51.474 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:	69	Resp:	126716
Ion	Ratio	Lower	Upper
69	100		
41	62.1	63.4	95.0#
39	34.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 50.182 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

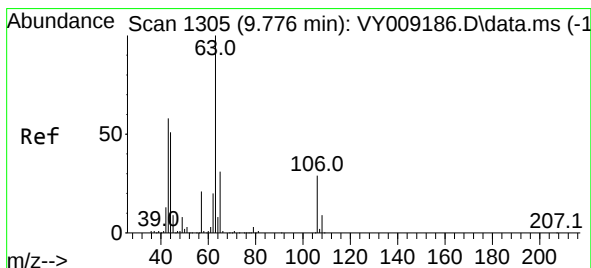
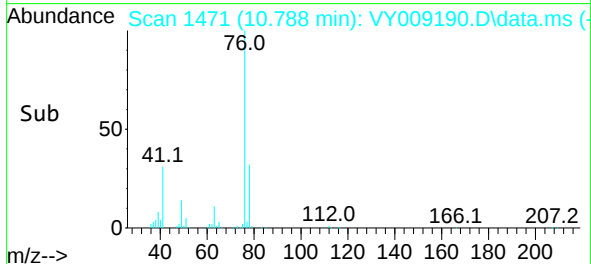
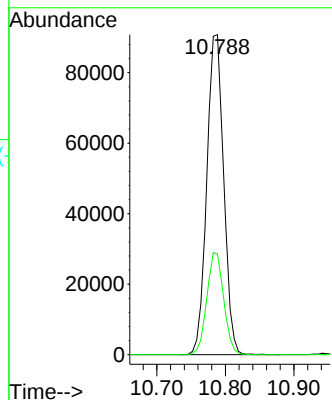
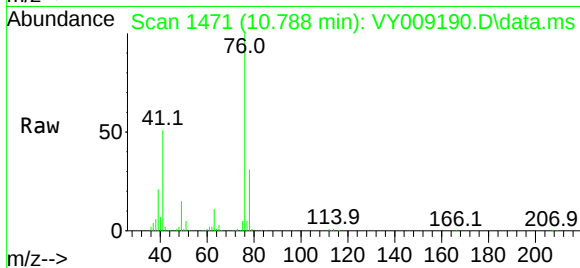
BFB

Tgt Ion: 76 Resp: 155675

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 245.298 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009190.D

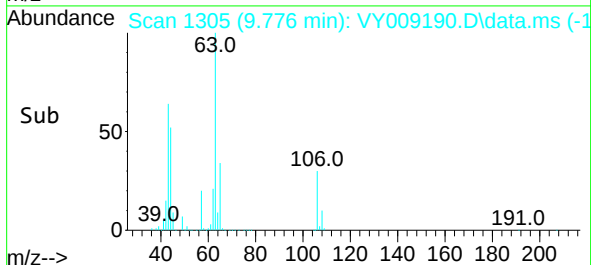
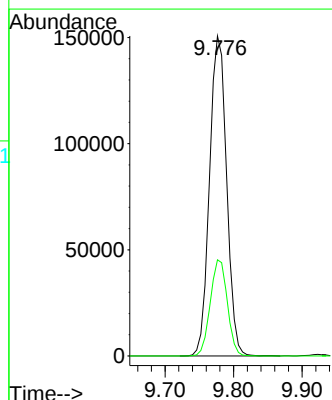
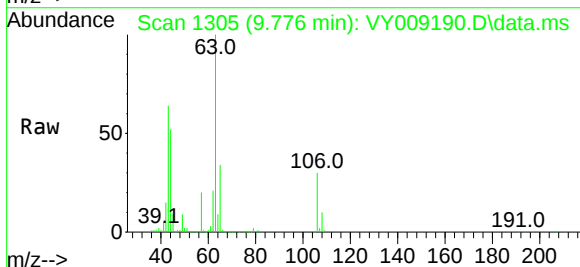
Acq: 15 Jun 2022 17:55

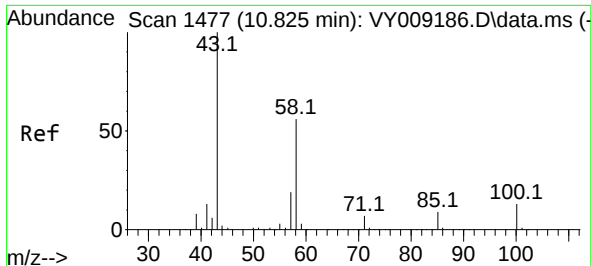
Tgt Ion: 63 Resp: 261756

Ion Ratio Lower Upper

63 100

106 29.9 21.5 32.3





#59

2-Hexanone

Concen: 248.598 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

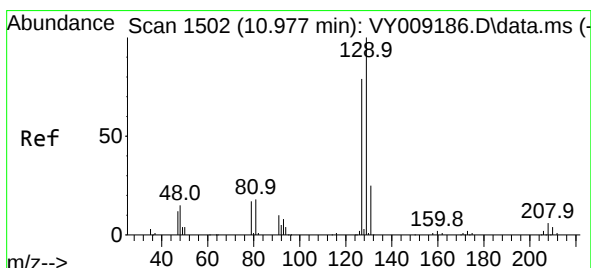
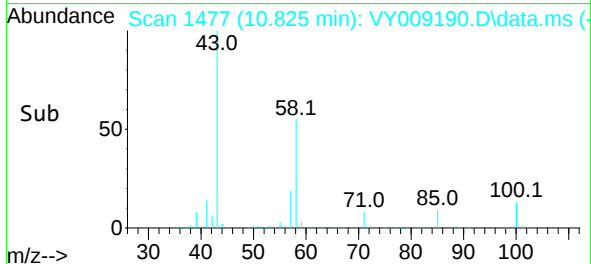
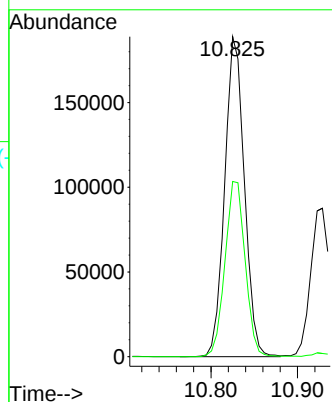
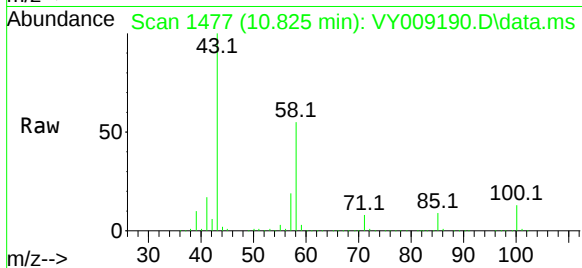
BFB

Tgt Ion: 43 Resp: 297574

Ion Ratio Lower Upper

43 100

58 56.4 24.4 73.4



#60

Dibromochloromethane

Concen: 50.280 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.006 min

Lab File: VY009190.D

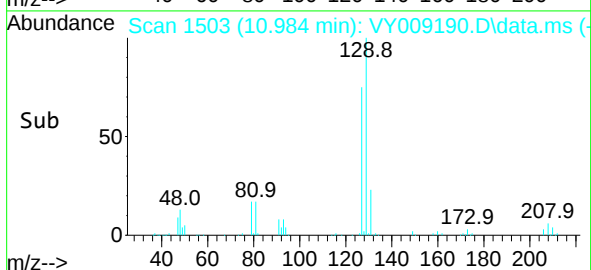
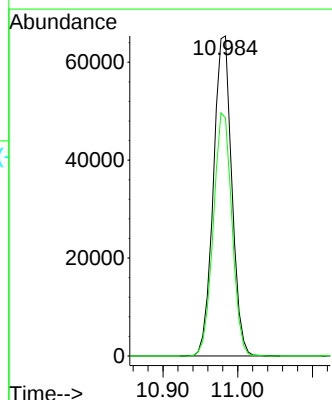
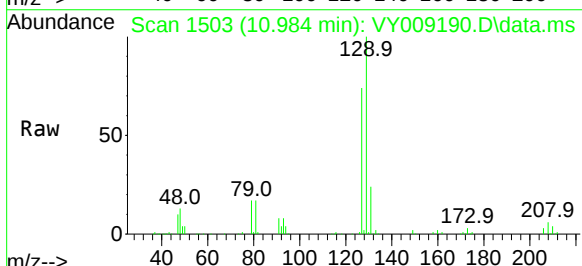
Acq: 15 Jun 2022 17:55

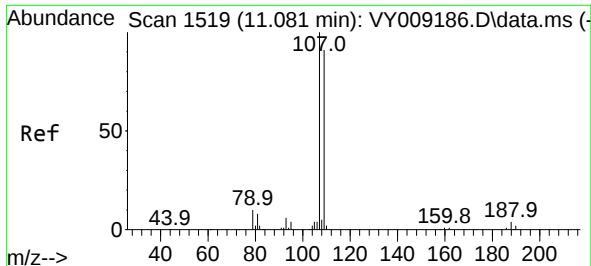
Tgt Ion:129 Resp: 111786

Ion Ratio Lower Upper

129 100

127 76.7 38.7 116.1

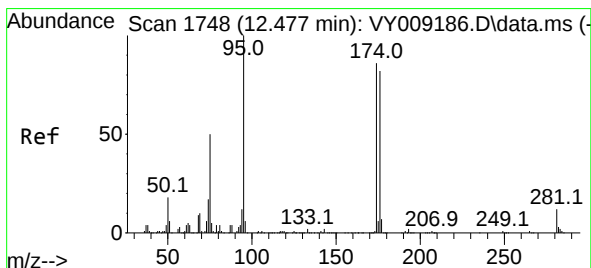
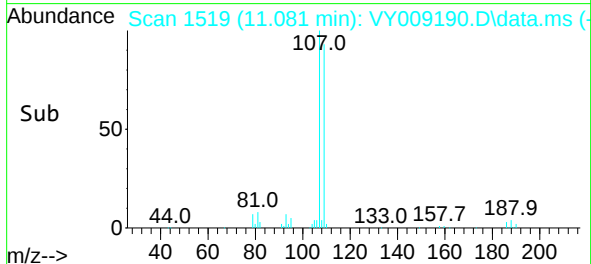
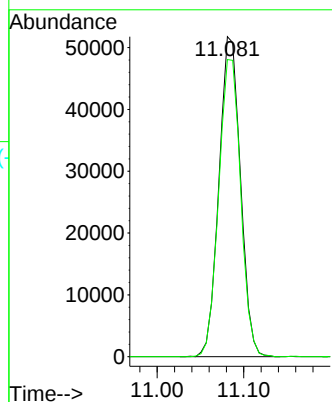
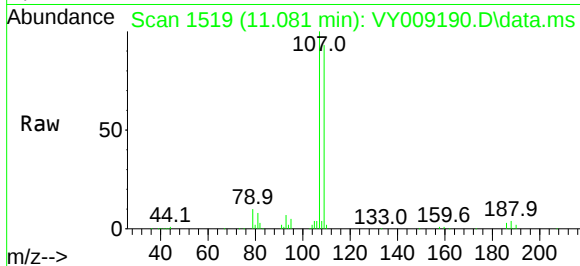




#61
1,2-Dibromoethane
Concen: 50.398 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

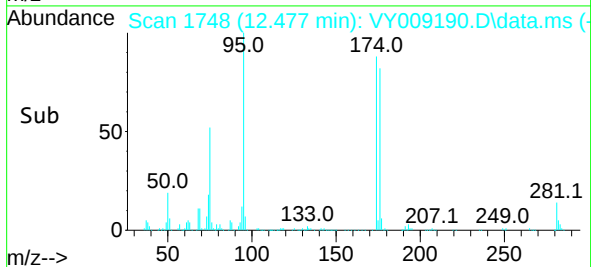
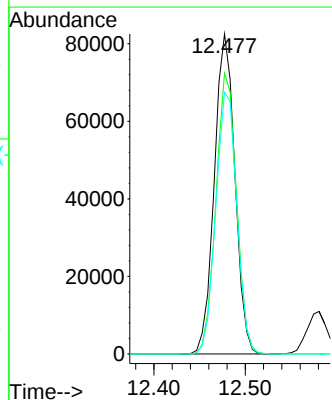
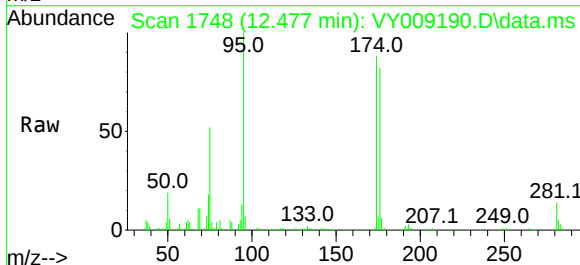
Instrument :
MSVOA_Y
ClientSampleId :
BFB

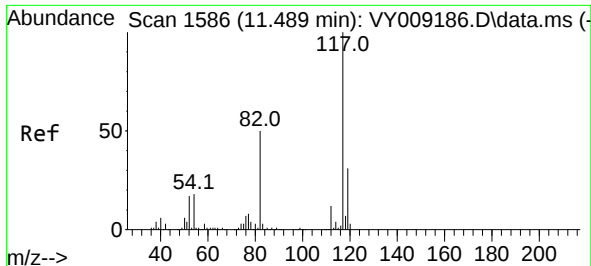
Tgt Ion:107 Resp: 89197
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 95 Resp: 128964
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 83.5 0.0 175.8

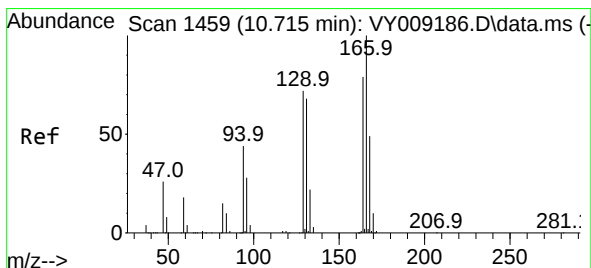
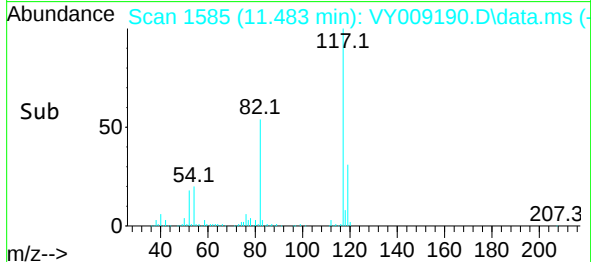
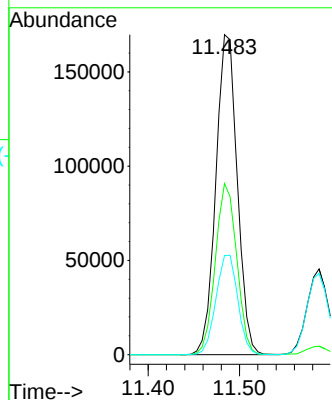
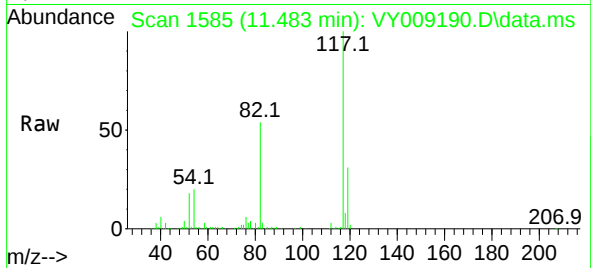




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

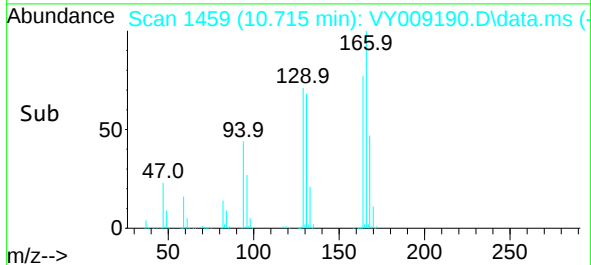
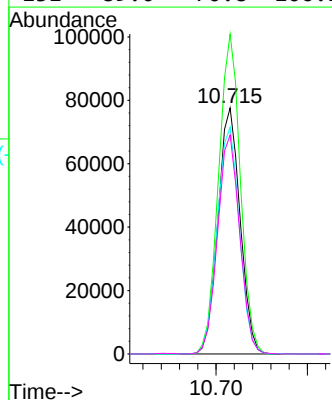
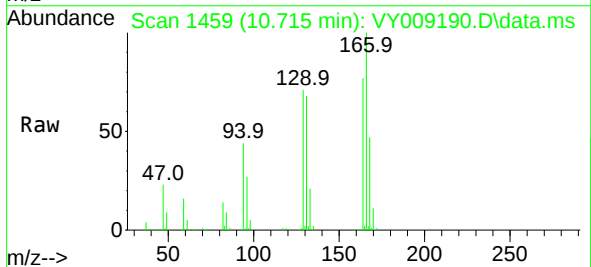
Instrument :
MSVOA_Y
ClientSampleId :
BFB

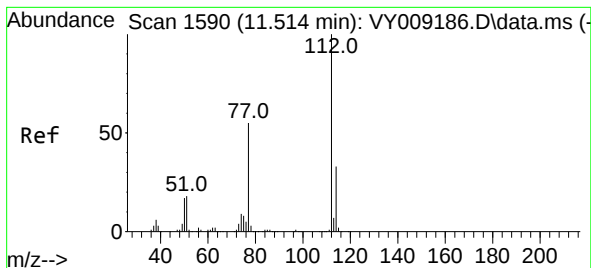
Tgt Ion:117 Resp: 276701
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.0 25.4 38.0



#64
Tetrachloroethene
Concen: 51.034 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:164 Resp: 130822
Ion Ratio Lower Upper
164 100
166 130.0 100.4 150.6
129 92.1 71.4 107.0
131 89.0 70.8 106.2





#65

Chlorobenzene

Concen: 49.573 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

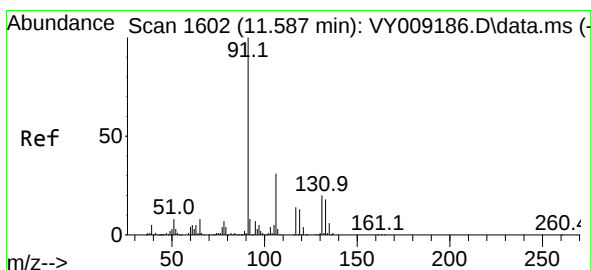
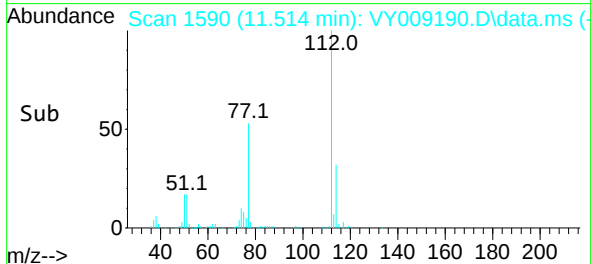
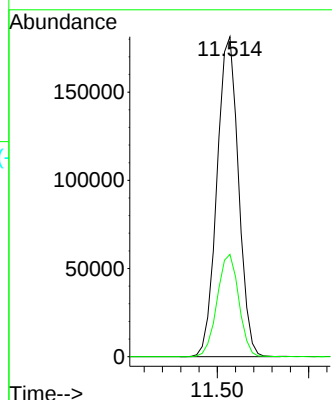
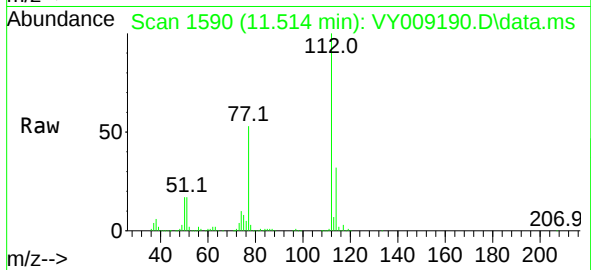
BFB

Tgt Ion:112 Resp: 297141

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.964 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

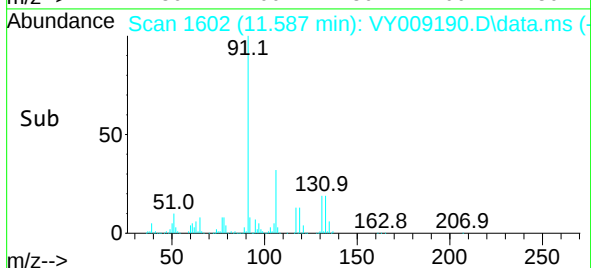
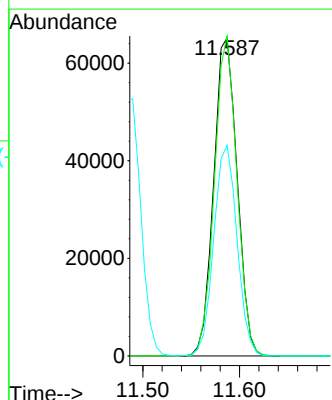
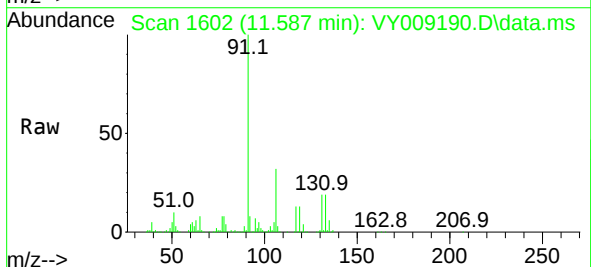
Tgt Ion:131 Resp: 109680

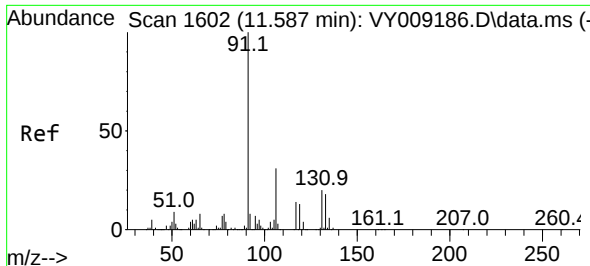
Ion Ratio Lower Upper

131 100

133 96.6 47.9 143.6

119 65.7 30.8 92.3





#67

Ethyl Benzene

Concen: 50.085 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

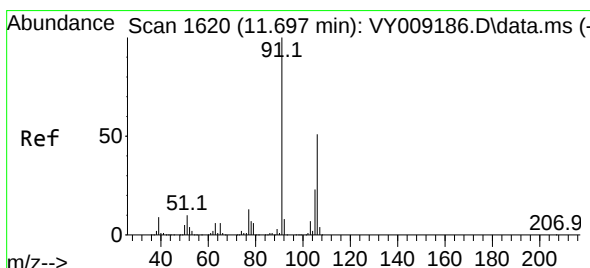
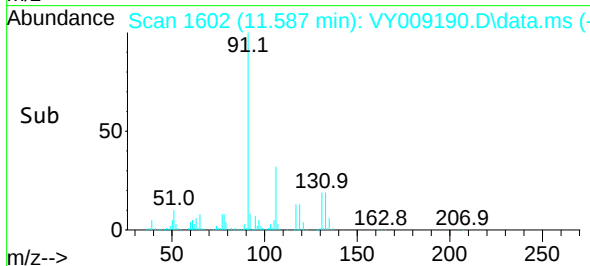
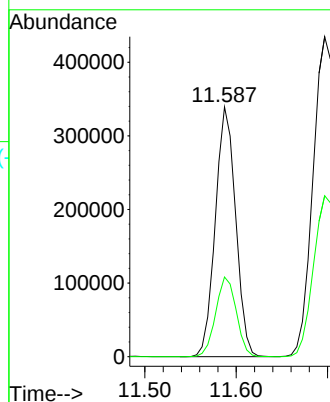
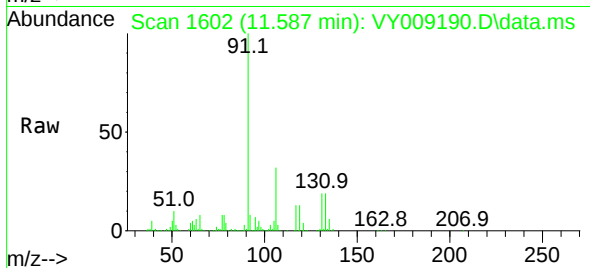
BFB

Tgt Ion: 91 Resp: 523857

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 98.918 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009190.D

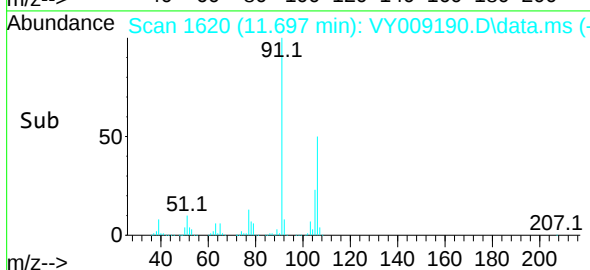
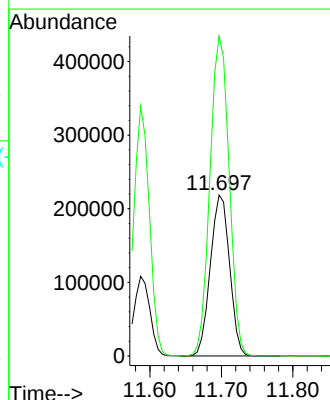
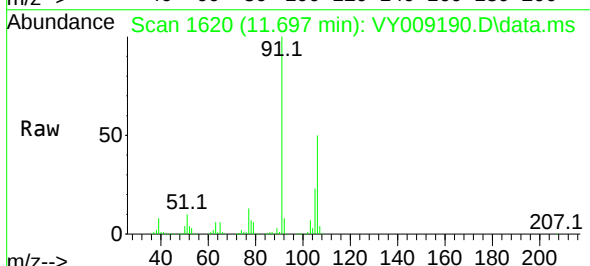
Acq: 15 Jun 2022 17:55

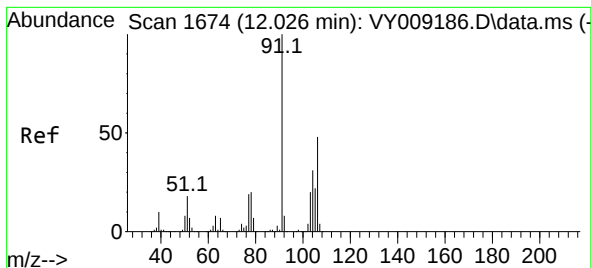
Tgt Ion:106 Resp: 407900

Ion Ratio Lower Upper

106 100

91 198.7 166.6 249.8





#69

o-Xylene

Concen: 50.147 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

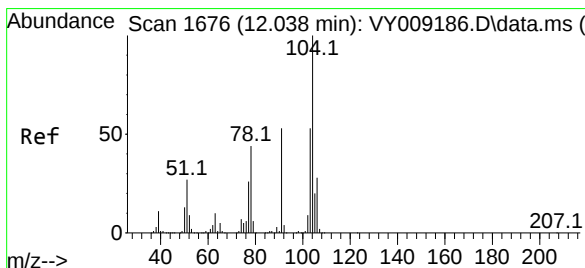
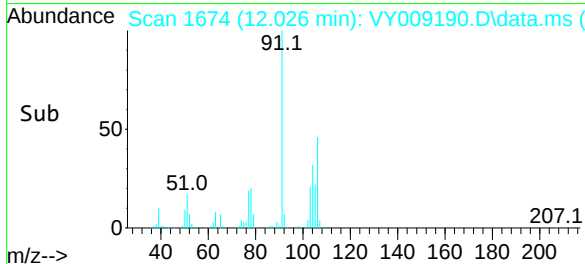
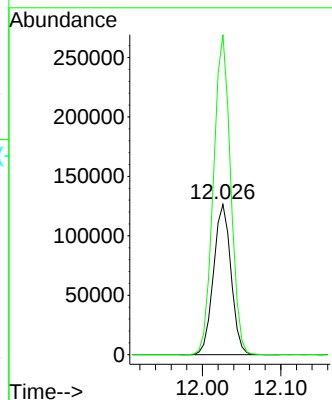
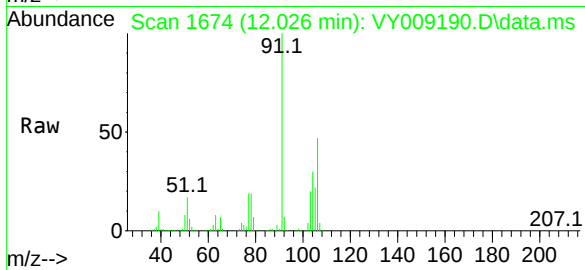
BFB

Tgt Ion:106 Resp: 195927

Ion Ratio Lower Upper

106 100

91 209.5 110.3 331.0



#70

Styrene

Concen: 50.162 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

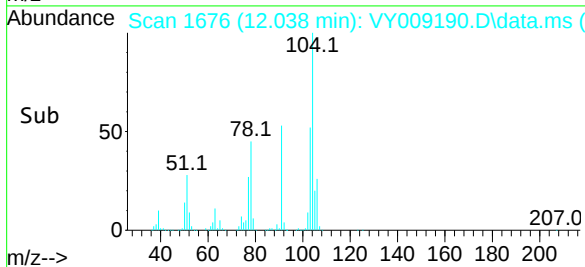
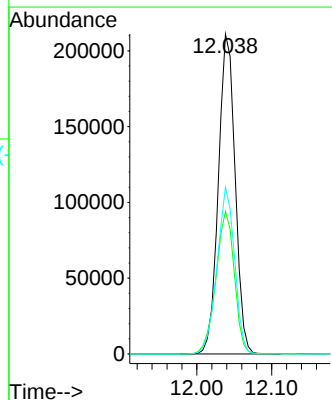
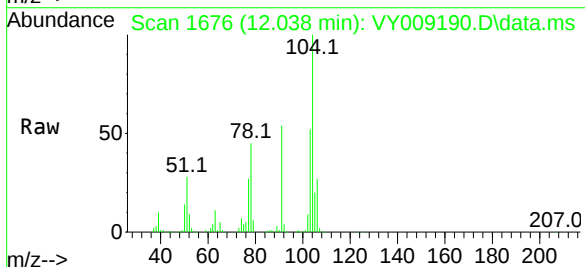
Tgt Ion:104 Resp: 328775

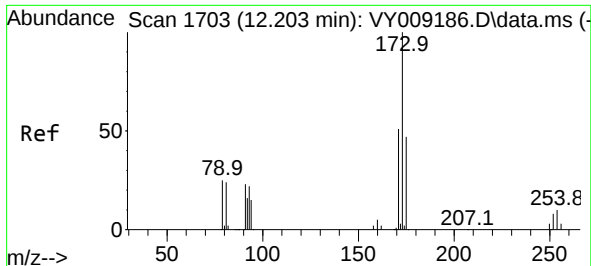
Ion Ratio Lower Upper

104 100

78 48.8 42.4 63.6

103 54.9 44.4 66.6

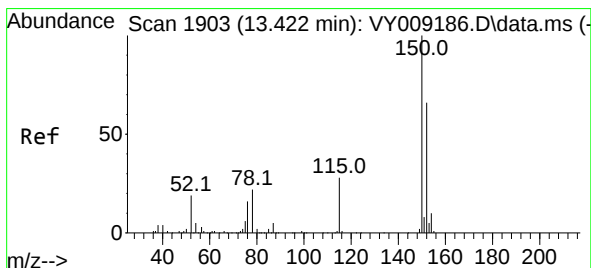
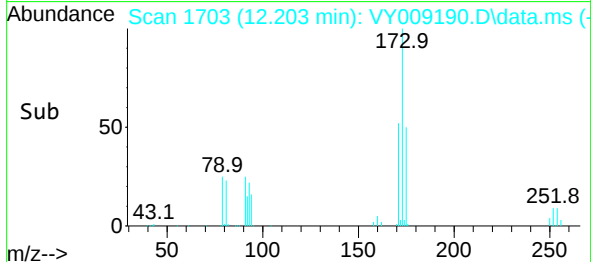
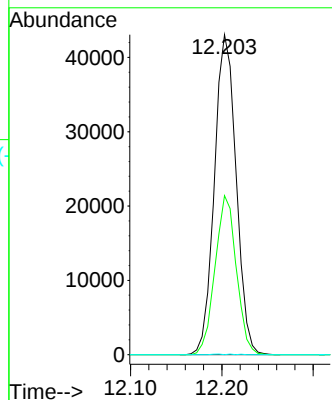
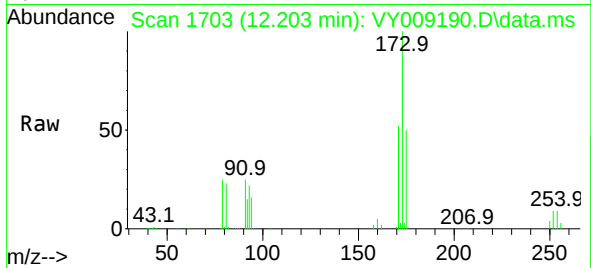




#71
Bromoform
Concen: 50.722 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

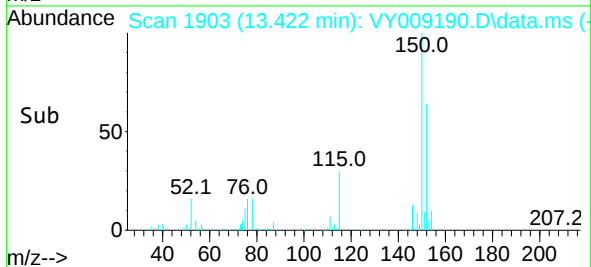
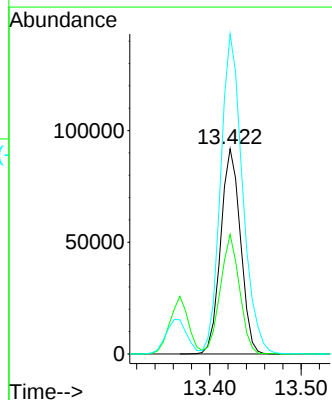
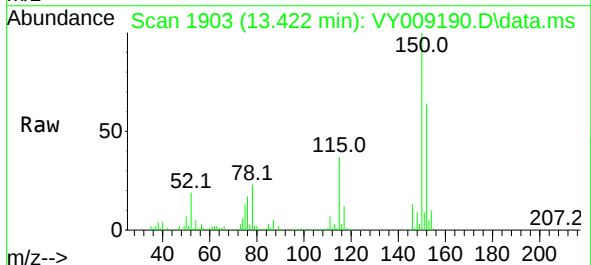
Instrument :
MSVOA_Y
ClientSampleId :
BFB

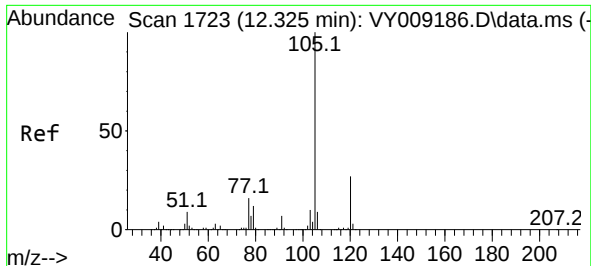
Tgt Ion:173 Resp: 71117
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:152 Resp: 138409
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 172.5 0.0 347.6

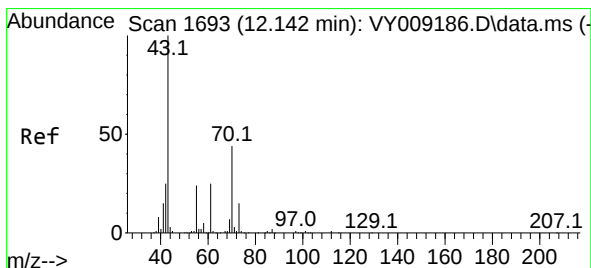
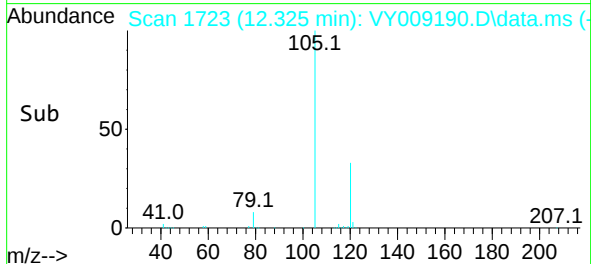
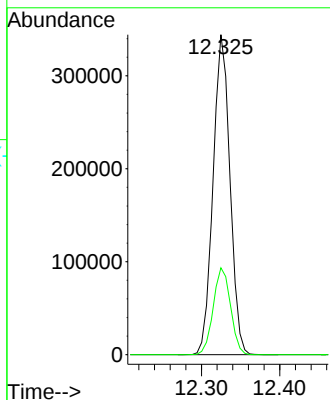
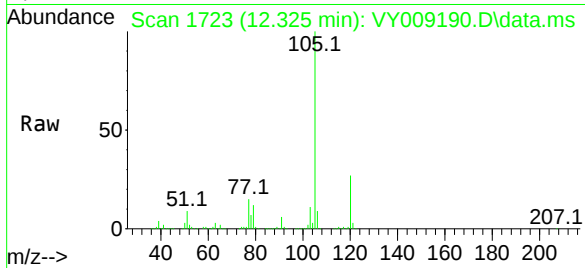




#73
Isopropylbenzene
Concen: 49.533 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

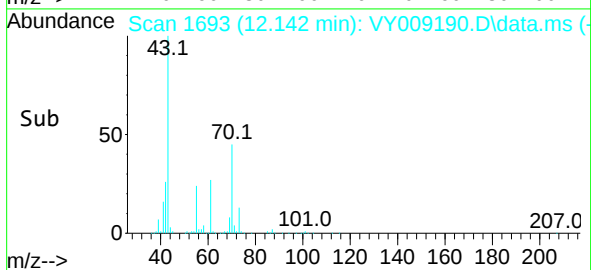
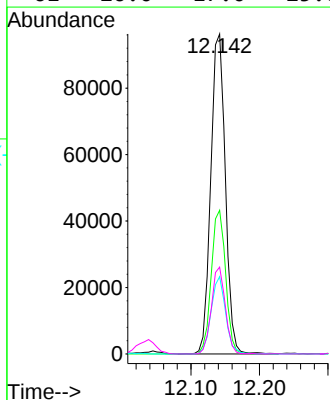
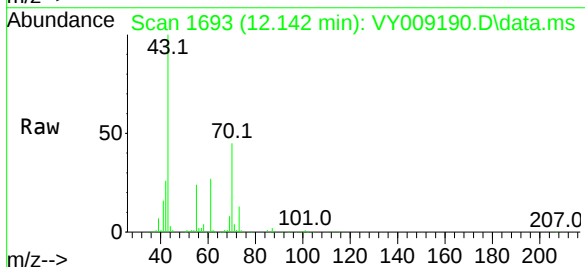
Instrument :
MSVOA_Y
ClientSampleId :
BFB

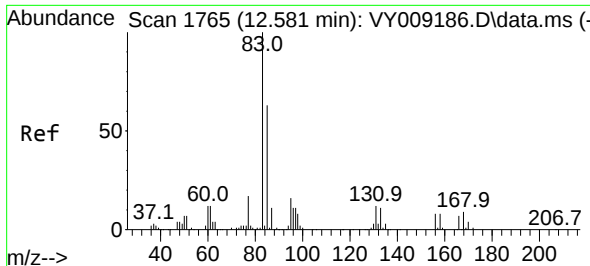
Tgt Ion:105 Resp: 515990
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 49.128 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 43 Resp: 142758
Ion Ratio Lower Upper
43 100
70 44.2 28.7 43.1#
55 23.9 17.3 25.9
61 26.0 17.0 25.6#

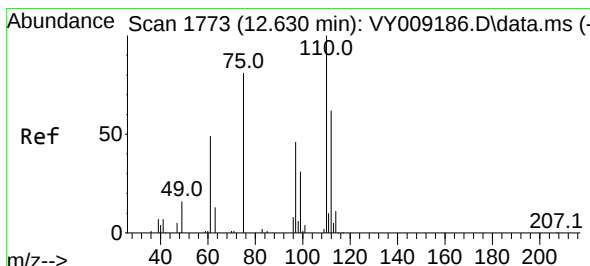
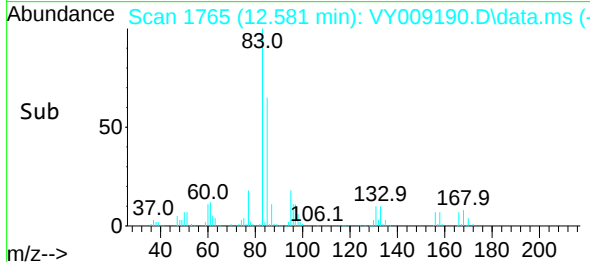
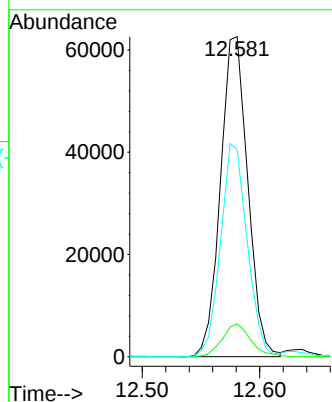
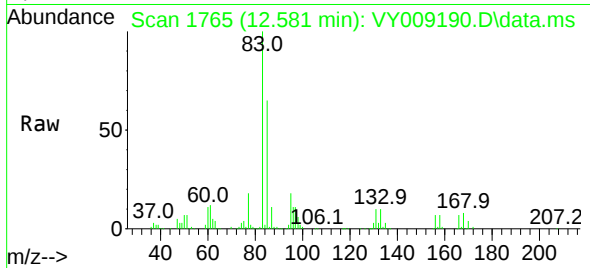




#75
1,1,2,2-Tetrachloroethane
Concen: 49.040 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

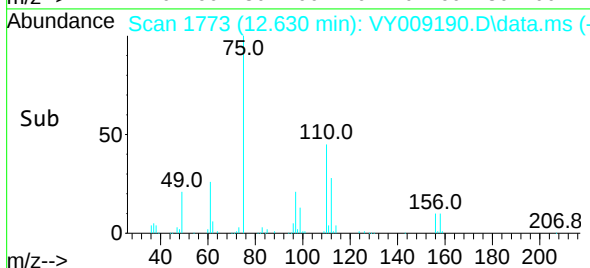
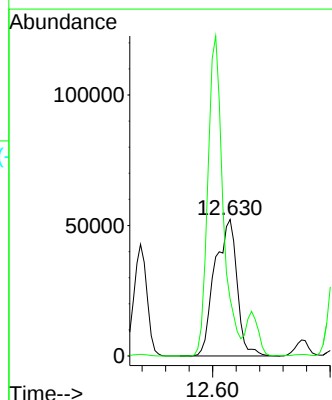
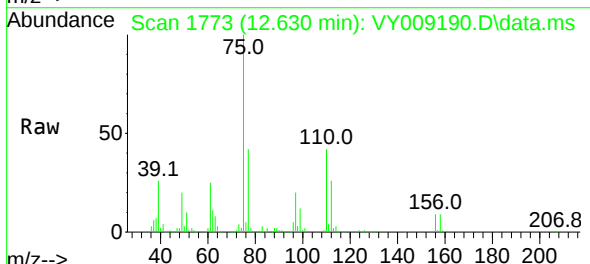
Instrument :
MSVOA_Y
ClientSampleId :
BFB

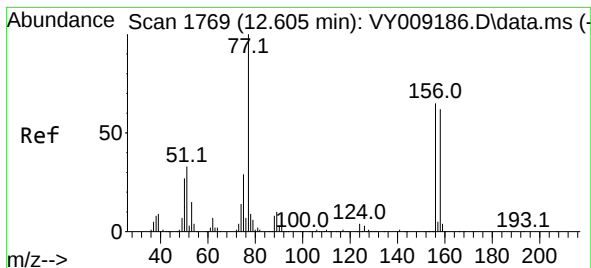
Tgt Ion: 83 Resp: 101110
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 89.736 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 75 Resp: 137141
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.075 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

BFB

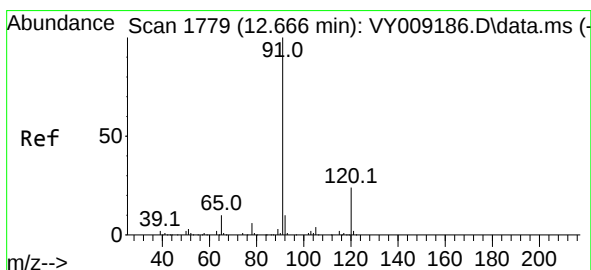
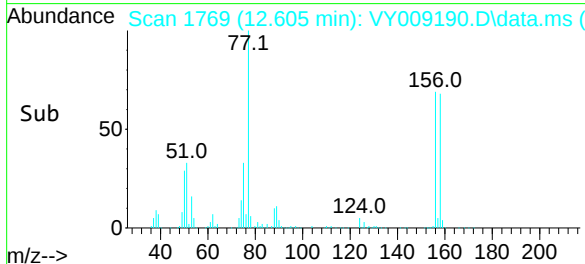
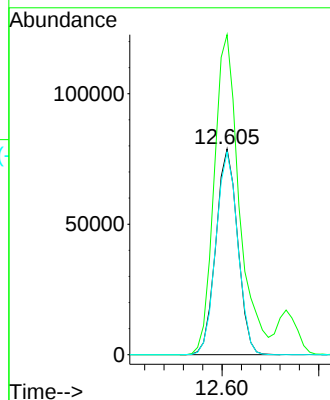
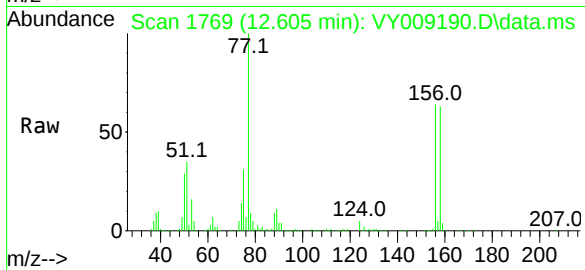
Tgt Ion:156 Resp: 123041

Ion Ratio Lower Upper

156 100

77 179.3 95.5 286.4

158 98.8 48.0 144.0



#78

n-propylbenzene

Concen: 49.500 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009190.D

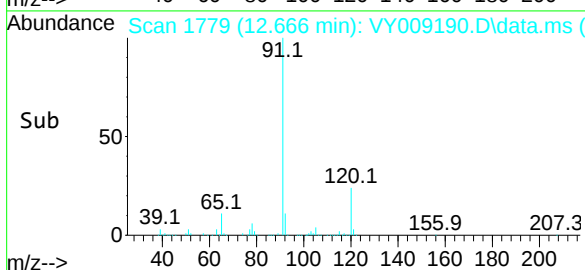
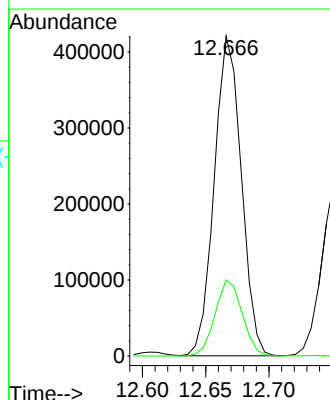
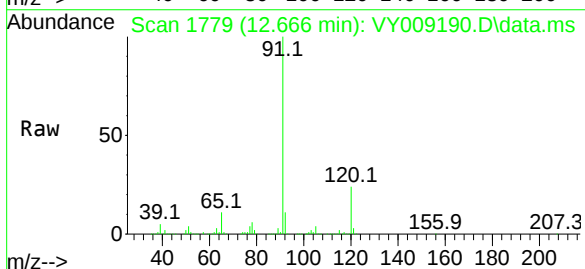
Acq: 15 Jun 2022 17:55

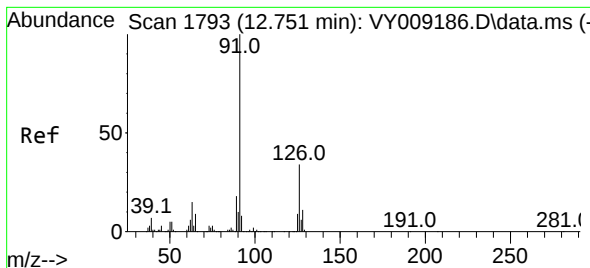
Tgt Ion: 91 Resp: 623918

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 49.390 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

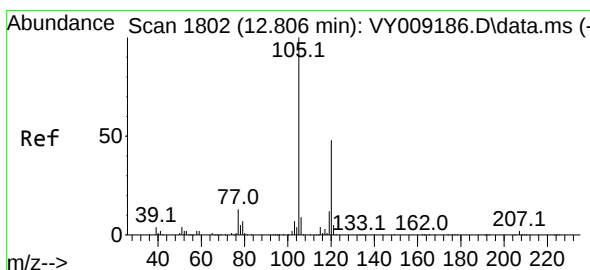
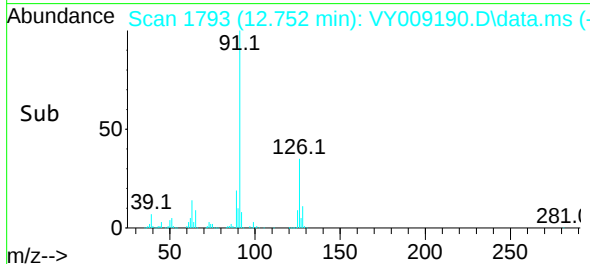
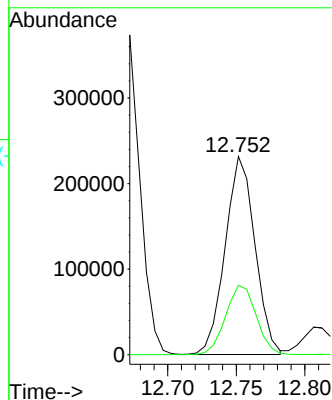
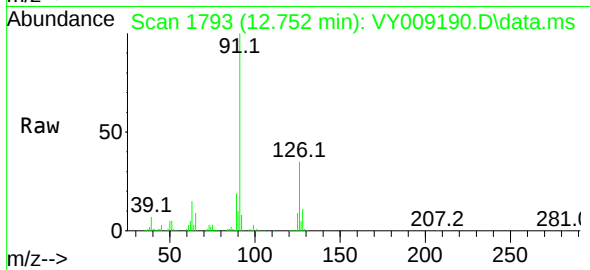
BFB

Tgt Ion: 91 Resp: 350753

Ion Ratio Lower Upper

91 100

126 36.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 50.139 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY009190.D

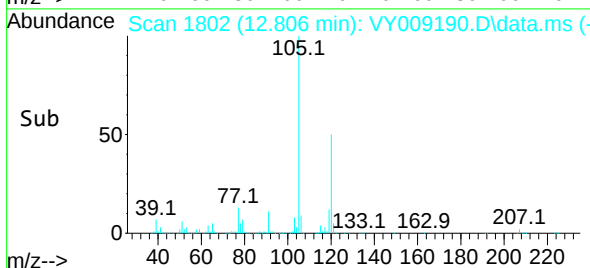
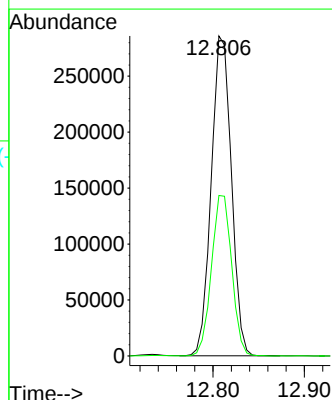
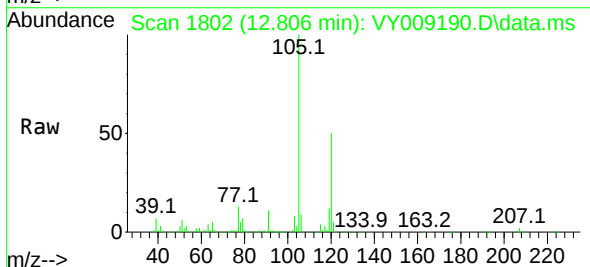
Acq: 15 Jun 2022 17:55

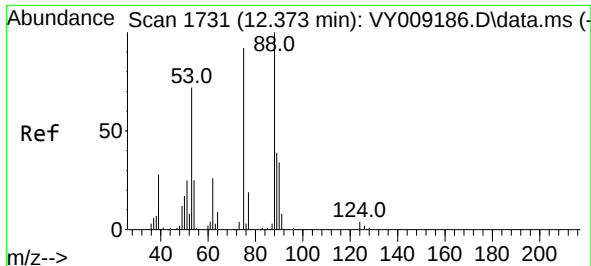
Tgt Ion:105 Resp: 436554

Ion Ratio Lower Upper

105 100

120 50.7 24.4 73.4

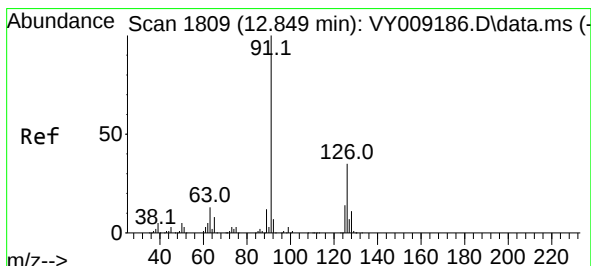
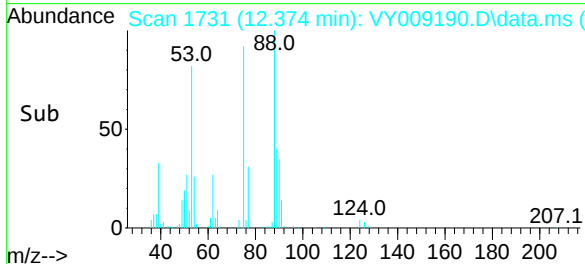
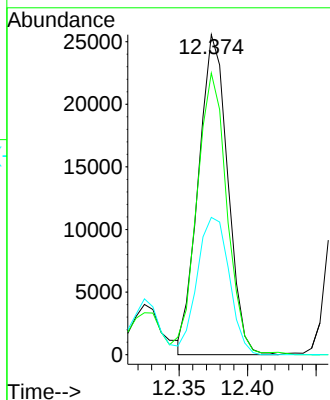
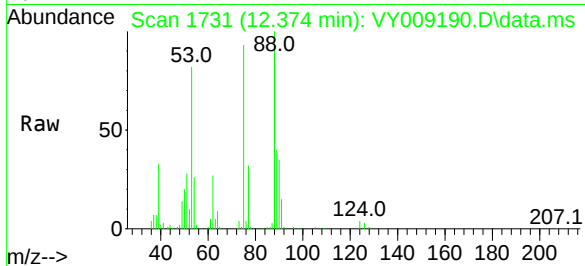




#81
trans-1,4-Dichloro-2-butene
Concen: 49.564 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

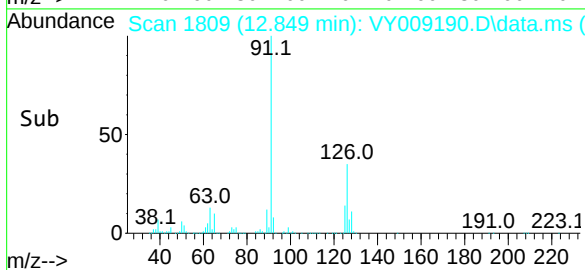
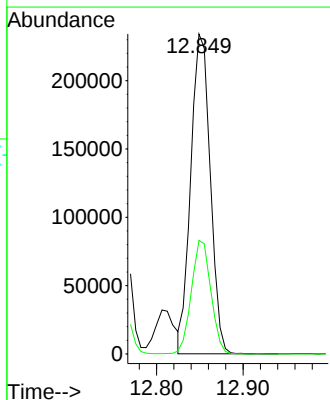
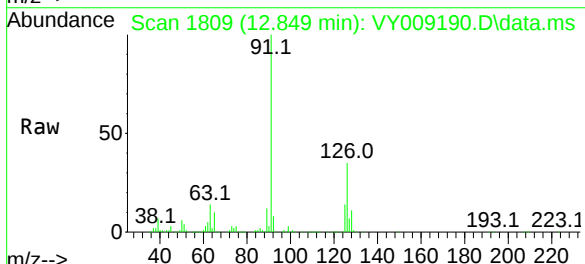
Instrument :
MSVOA_Y
ClientSampleId :
BFB

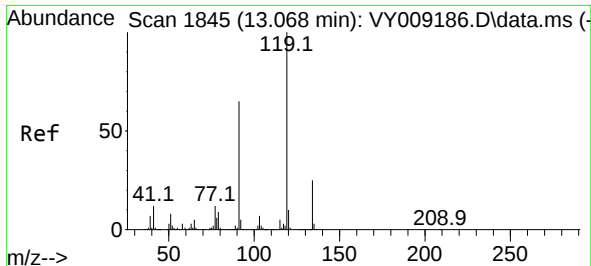
Tgt Ion: 75 Resp: 38009
Ion Ratio Lower Upper
75 100
53 90.3 85.3 127.9
89 46.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.341 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 91 Resp: 365620
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

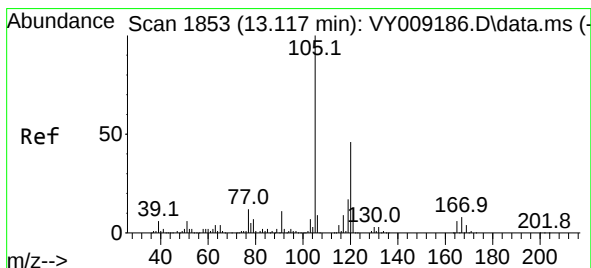
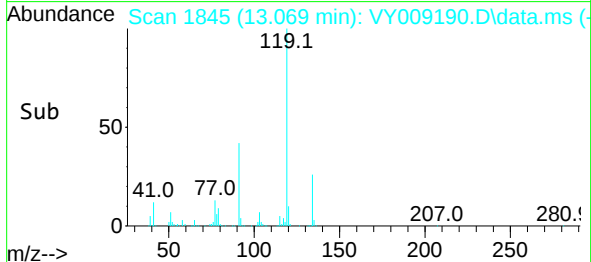
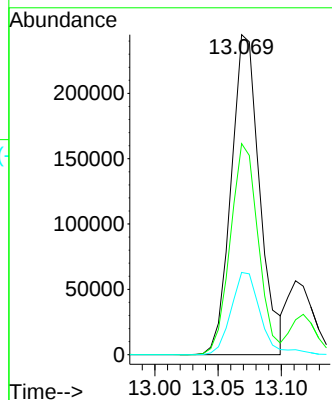
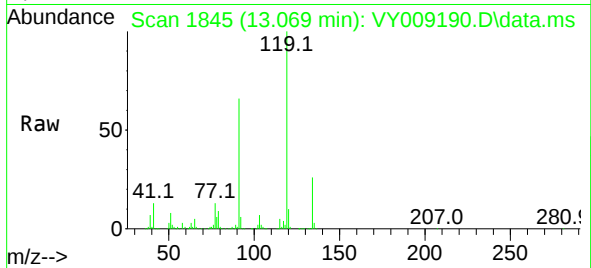




#83
tert-Butylbenzene
Concen: 50.295 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

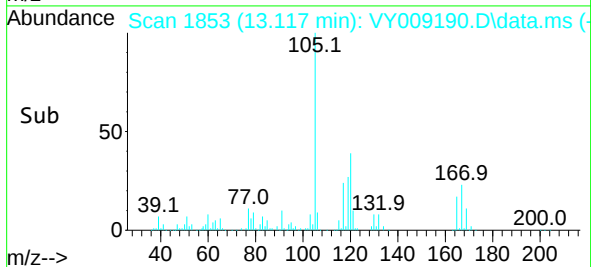
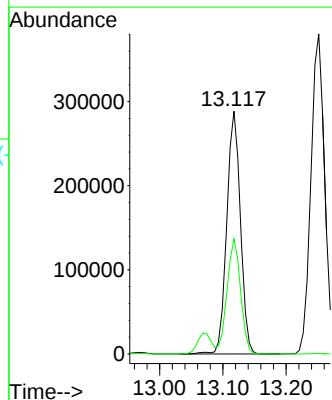
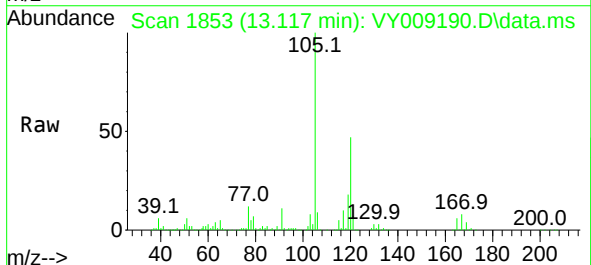
Instrument :
MSVOA_Y
ClientSampleId :
BFB

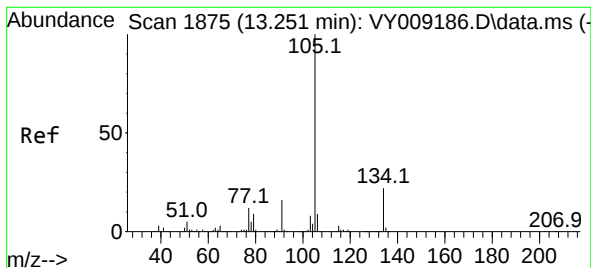
Tgt Ion:119 Resp: 385017
Ion Ratio Lower Upper
119 100
91 64.4 34.8 104.4
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.401 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:105 Resp: 430735
Ion Ratio Lower Upper
105 100
120 47.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.207 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

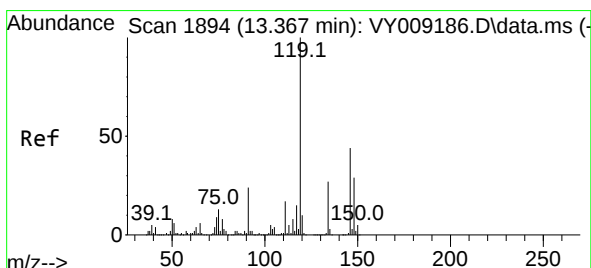
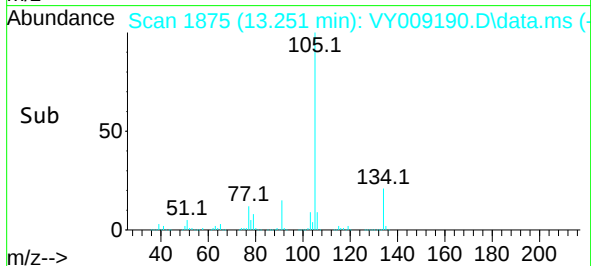
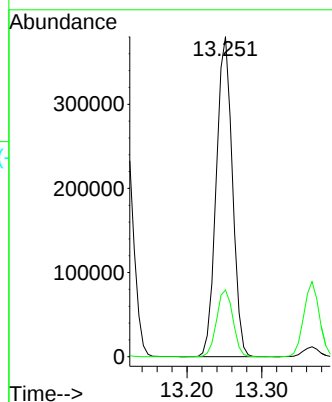
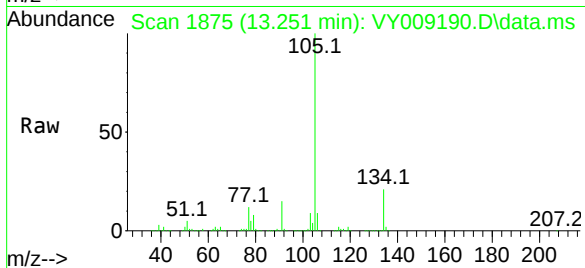
BFB

Tgt Ion:105 Resp: 569116

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.650 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

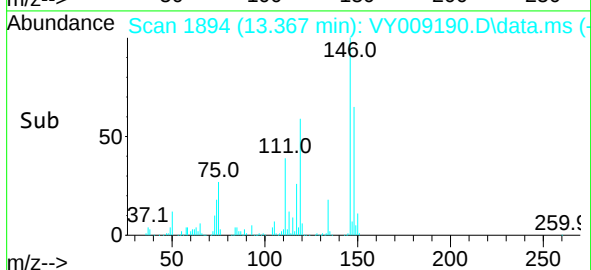
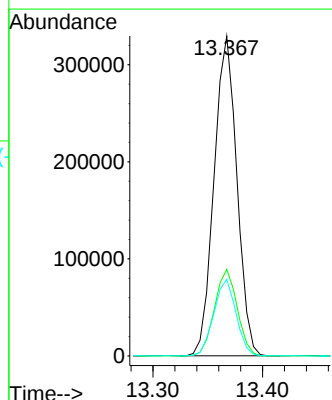
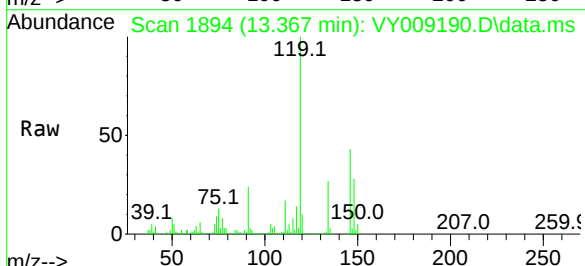
Tgt Ion:119 Resp: 476446

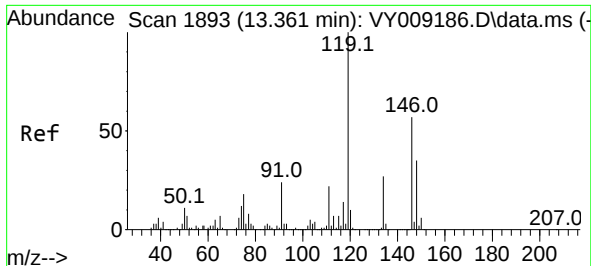
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 23.3 12.4 37.2

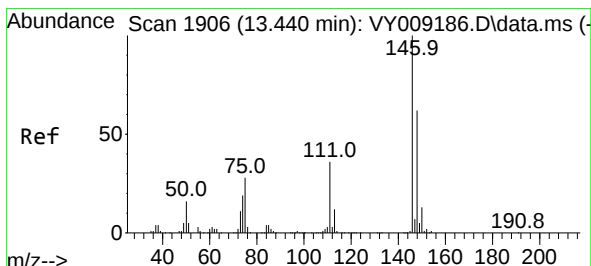
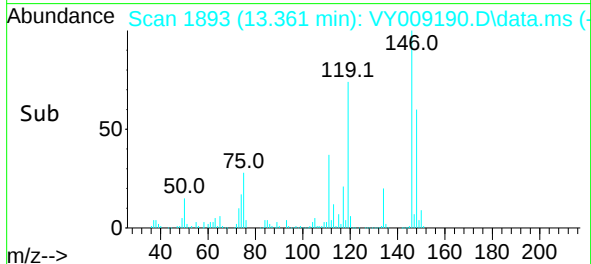
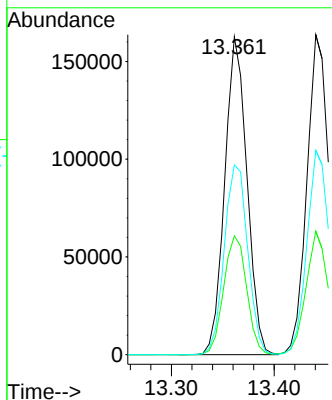
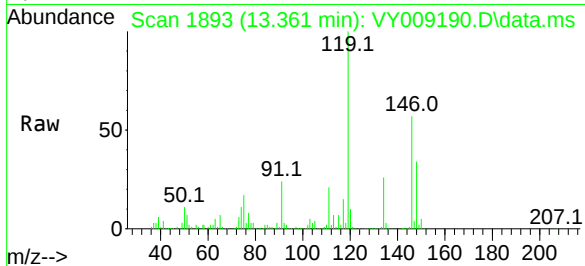




#87
1,3-Dichlorobenzene
Concen: 49.523 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

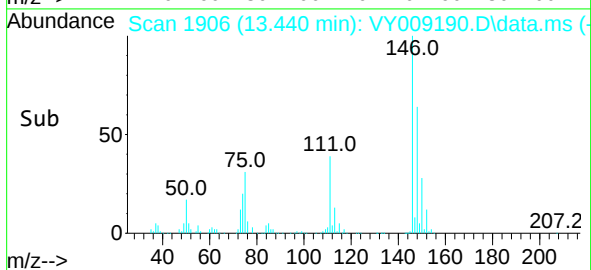
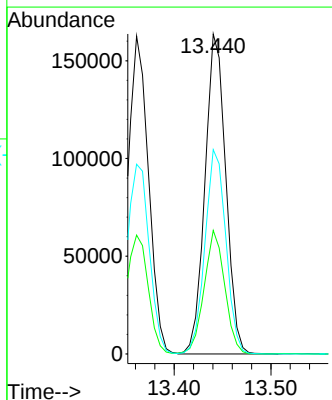
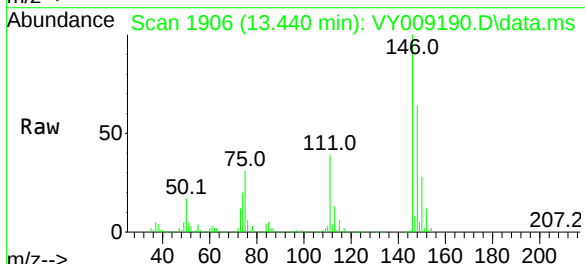
Instrument :
MSVOA_Y
ClientSampleId :
BFB

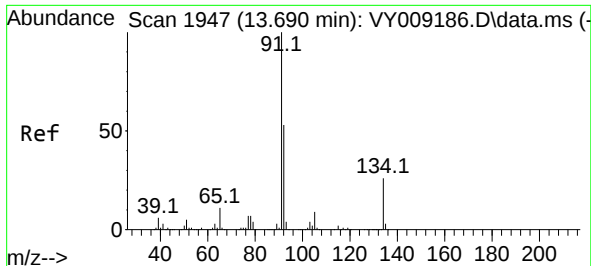
Tgt Ion:146 Resp: 244458
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 48.939 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:146 Resp: 245222
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.8
148 64.2 32.6 97.8

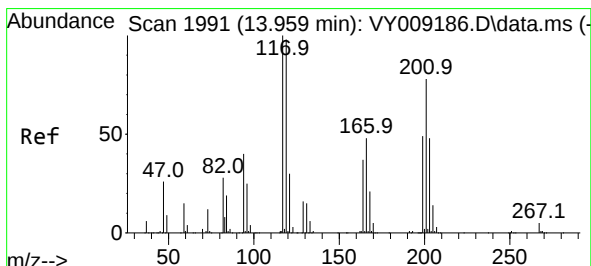
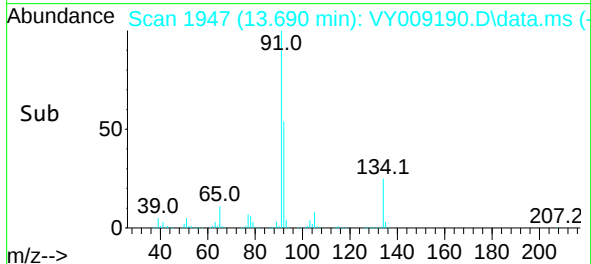
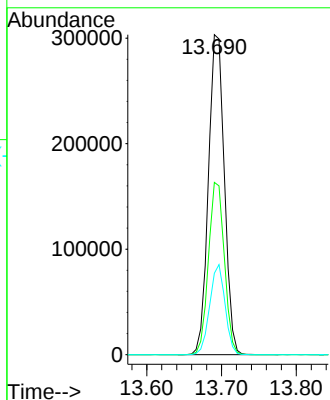
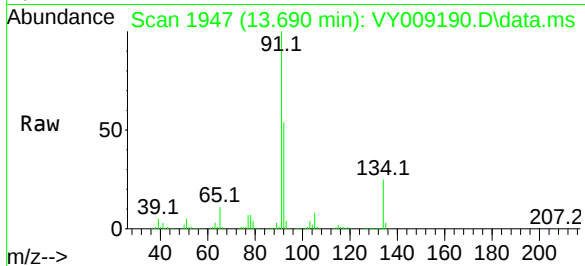




#89
n-Butylbenzene
Concen: 50.544 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

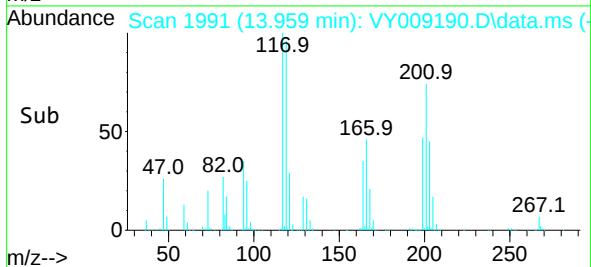
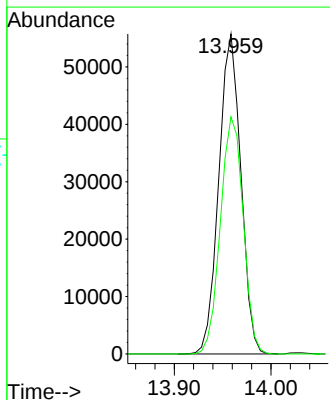
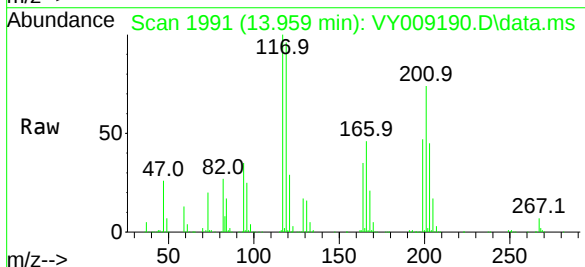
Instrument :
MSVOA_Y
ClientSampleId :
BFB

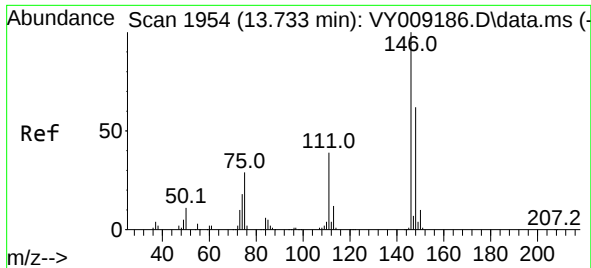
Tgt Ion: 91 Resp: 449592
Ion Ratio Lower Upper
91 100
92 53.7 26.3 78.9
134 27.0 13.0 38.9



#90
Hexachloroethane
Concen: 49.661 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 117 Resp: 88085
Ion Ratio Lower Upper
117 100
201 76.7 43.0 128.8

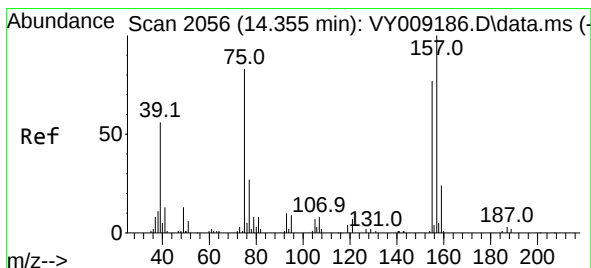
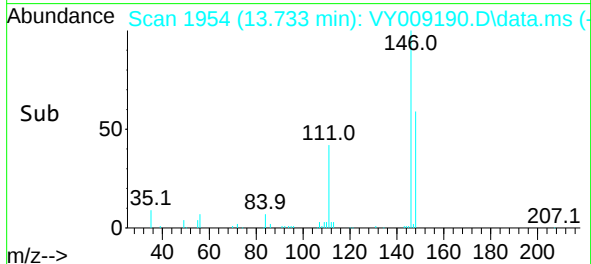
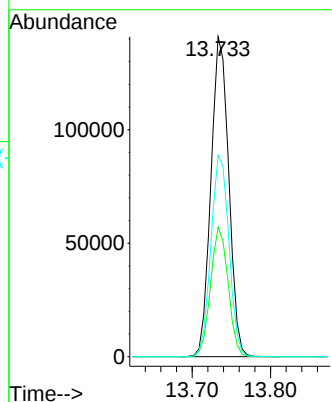
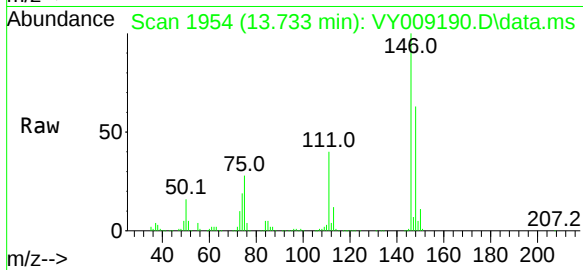




#91
1,2-Dichlorobenzene
Concen: 49.761 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

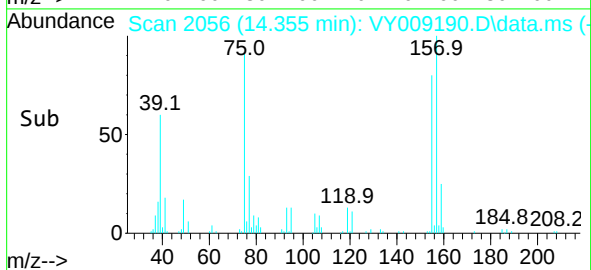
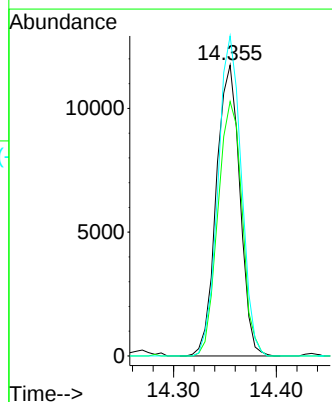
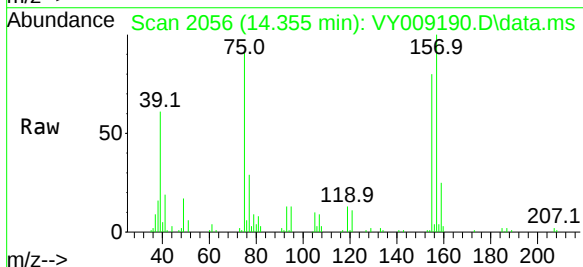
Instrument :
MSVOA_Y
ClientSampleId :
BFB

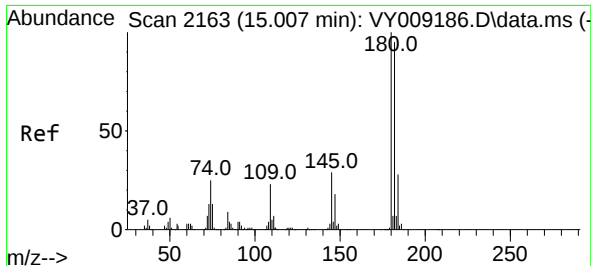
Tgt Ion:146 Resp: 222120
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 63.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.151 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion: 75 Resp: 18657
Ion Ratio Lower Upper
75 100
155 89.5 38.0 113.9
157 108.5 47.8 143.3

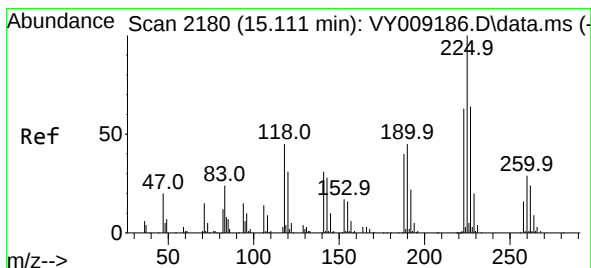
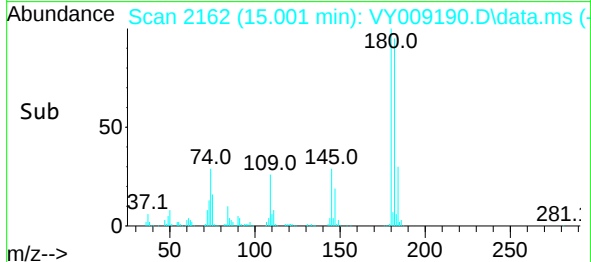
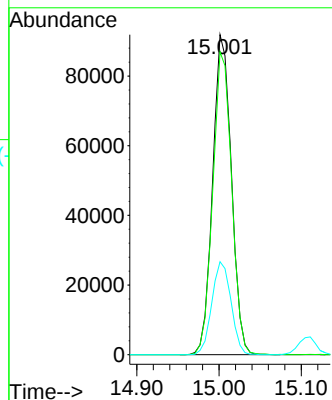
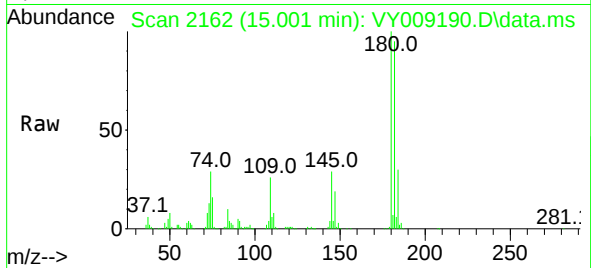




#93
1,2,4-Trichlorobenzene
Concen: 51.676 ug/l
RT: 15.001 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

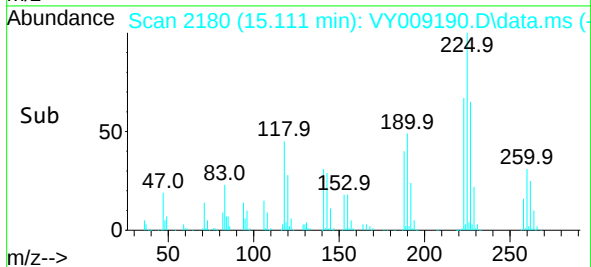
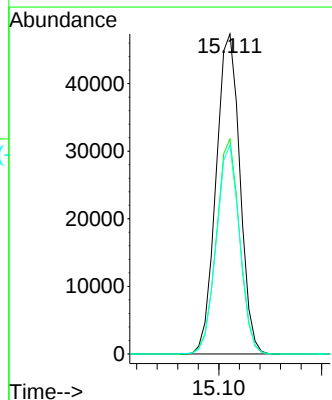
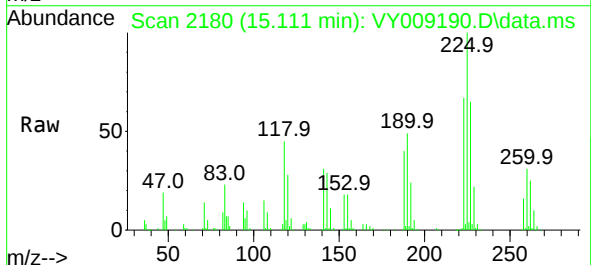
Instrument :
MSVOA_Y
ClientSampleId :
BFB

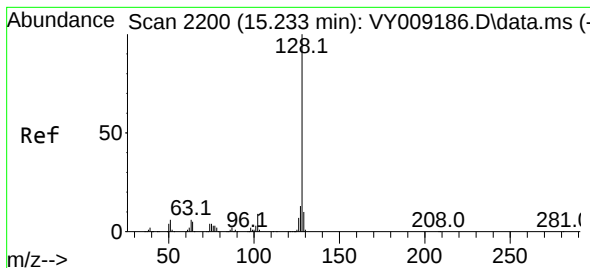
Tgt Ion:180 Resp: 145028
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 29.8 14.6 43.8



#94
Hexachlorobutadiene
Concen: 49.287 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY009190.D
Acq: 15 Jun 2022 17:55

Tgt Ion:225 Resp: 76026
Ion Ratio Lower Upper
225 100
223 65.1 30.8 92.3
227 63.8 31.6 94.7





#95

Naphthalene

Concen: 53.325 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

BFB

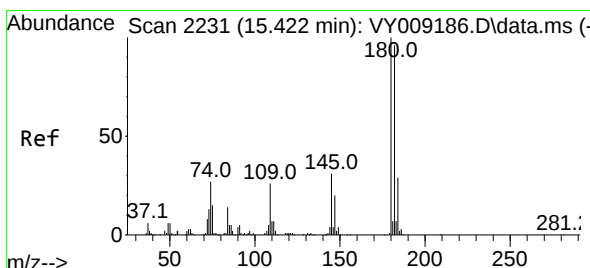
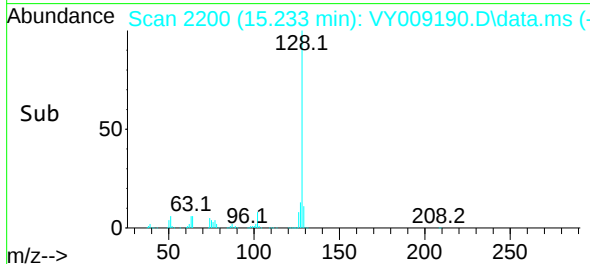
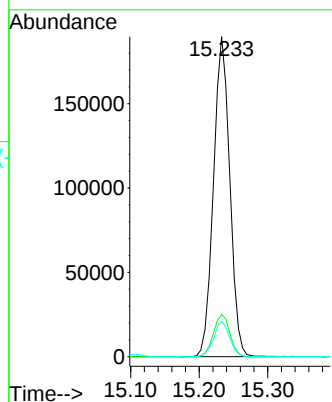
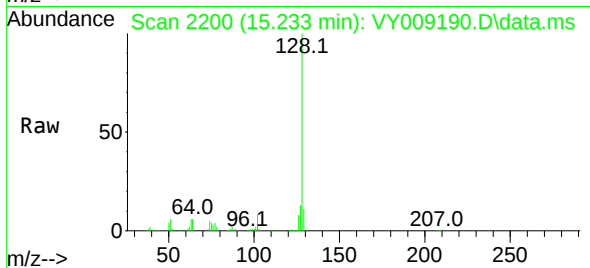
Tgt Ion:128 Resp: 312154

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.244 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009190.D

Acq: 15 Jun 2022 17:55

Tgt Ion:180 Resp: 126577

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 32.5 15.3 45.9

