

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083022\
 Data File : VY010231.D
 Acq On : 30 Aug 2022 20:34
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Quant Time: Aug 31 02:27:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86962	55.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.320%	
35) Dibromofluoromethane	7.710	113	83365	53.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.173	98	316939	54.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.477	95	132097	60.975	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	64965	47.306	ug/l	99
3) Chloromethane	2.107	50	64234	45.933	ug/l	97
4) Vinyl Chloride	2.241	62	77020	49.016	ug/l	96
5) Bromomethane	2.638	94	64306	50.454	ug/l	99
6) Chloroethane	2.778	64	56931	53.390	ug/l	98
7) Trichlorofluoromethane	3.113	101	164468	55.833	ug/l	96
8) Diethyl Ether	3.522	74	48507	50.587	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.881	101	82520	49.310	ug/l	87
10) Methyl Iodide	4.076	142	113455	48.213	ug/l	91
11) Tert butyl alcohol	4.948	59	37159	234.250	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	82781	49.212	ug/l	82
13) Acrolein	3.717	56	56059	269.573	ug/l	96
14) Allyl chloride	4.467	41	110077	47.939	ug/l #	93
15) Acrylonitrile	5.149	53	109605	250.193	ug/l	98
16) Acetone	3.936	43	79541	238.600	ug/l #	84
17) Carbon Disulfide	4.180	76	246440	48.689	ug/l	99
18) Methyl Acetate	4.467	43	52746	48.117	ug/l #	84
19) Methyl tert-butyl Ether	5.210	73	228552	52.377	ug/l	95
20) Methylene Chloride	4.704	84	94533	48.159	ug/l #	74
21) trans-1,2-Dichloroethene	5.210	96	92841	50.244	ug/l #	80
22) Diisopropyl ether	6.106	45	227209	49.158	ug/l #	91
23) Vinyl Acetate	6.045	43	747412	252.591	ug/l #	89
24) 1,1-Dichloroethane	6.003	63	142303	49.147	ug/l	98
25) 2-Butanone	6.978	43	129511	225.573	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	127079	46.904	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	104137	49.576	ug/l	81
28) Bromochloromethane	7.326	49	50028	50.871	ug/l #	51
29) Tetrahydrofuran	7.338	42	88613	233.737	ug/l #	77
30) Chloroform	7.496	83	161140	49.145	ug/l	100
31) Cyclohexane	7.777	56	126585	44.693	ug/l	86
32) 1,1,1-Trichloroethane	7.692	97	151149	50.287	ug/l	93
36) 1,1-Dichloropropene	7.911	75	119813	50.523	ug/l	94
37) Ethyl Acetate	7.064	43	60453	48.367	ug/l #	91
38) Carbon Tetrachloride	7.893	117	146040	53.672	ug/l	99
39) Methylcyclohexane	9.179	83	150817	49.633	ug/l	87
40) Benzene	8.155	78	344233	49.158	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	85221	120.687	ug/l #	39
42) 1,2-Dichloroethane	8.228	62	107909	52.132	ug/l	92
43) Isopropyl Acetate	8.265	43	114698	47.933	ug/l #	87
44) Trichloroethene	8.935	130	110540	51.155	ug/l	93
45) 1,2-Dichloropropane	9.210	63	78514	46.393	ug/l	91
46) Dibromomethane	9.301	93	51435	49.259	ug/l #	87
47) Bromodichloromethane	9.490	83	125227	51.802	ug/l	98
48) Methyl methacrylate	9.289	41	52400	49.165	ug/l #	82
49) 1,4-Dioxane	9.289	88	11655	1029.511	ug/l #	79
51) 4-Methyl-2-Pentanone	10.063	43	306841	240.597	ug/l #	87
52) Toluene	10.240	92	233078	51.008	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	130900	49.403	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	141016	49.553	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	78924	49.608	ug/l	94
56) Ethyl methacrylate	10.508	69	102602	49.591	ug/l #	78
57) 1,3-Dichloropropane	10.782	76	125472	47.836	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	113956	218.943	ug/l #	86
59) 2-Hexanone	10.825	43	215666	221.616	ug/l	87
60) Dibromochloromethane	10.984	129	100959	50.652	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76528	48.772	ug/l	100
64) Tetrachloroethene	10.715	164	118246	47.936	ug/l	98
65) Chlorobenzene	11.514	112	304931	51.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	113590	51.109	ug/l	98
67) Ethyl Benzene	11.587	91	505683	50.334	ug/l	97
68) m/p-Xylenes	11.697	106	422010	105.309	ug/l	92
69) o-Xylene	12.026	106	202119	54.197	ug/l	91
70) Styrene	12.044	104	348967	55.810	ug/l	95
71) Bromoform	12.203	173	80268	54.636	ug/l #	99
73) Isopropylbenzene	12.325	105	529203	50.378	ug/l	98
74) N-amyl acetate	12.142	43	139737	51.098	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	101640	47.728	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	145639	95.328	ug/l #	100
77) Bromobenzene	12.605	156	141491	52.707	ug/l	89
78) n-propylbenzene	12.666	91	633807	50.870	ug/l	96
79) 2-Chlorotoluene	12.752	91	360365	50.140	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	438196	49.106	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	35937	49.075	ug/l	86
82) 4-Chlorotoluene	12.849	91	359397	47.664	ug/l	96
83) tert-Butylbenzene	13.075	119	400671	50.771	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	440862	50.305	ug/l	97
85) sec-Butylbenzene	13.252	105	570873	49.178	ug/l	98
86) p-Isopropyltoluene	13.367	119	483716	50.278	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	257764	48.586	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	264120	49.412	ug/l	98
89) n-Butylbenzene	13.690	91	442492	49.680	ug/l	97
90) Hexachloroethane	13.959	117	96490	49.774	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	234289	48.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18404	49.716	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	161845	51.406	ug/l	99
94) Hexachlorobutadiene	15.111	225	93103	49.926	ug/l	99
95) Naphthalene	15.233	128	329326	53.082	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	143255	51.280	ug/l	99

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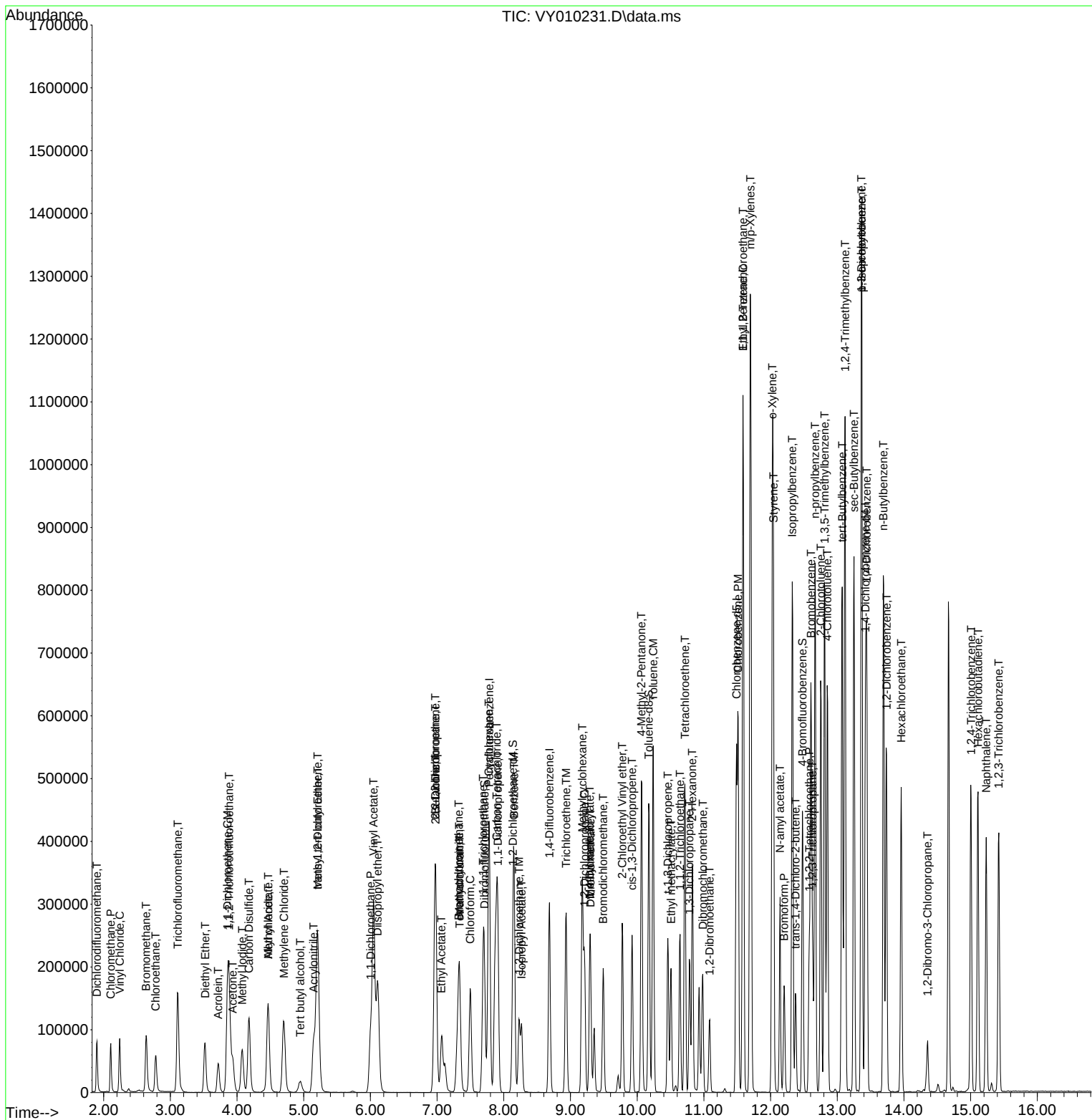
Instrument :
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ClientSampleId :
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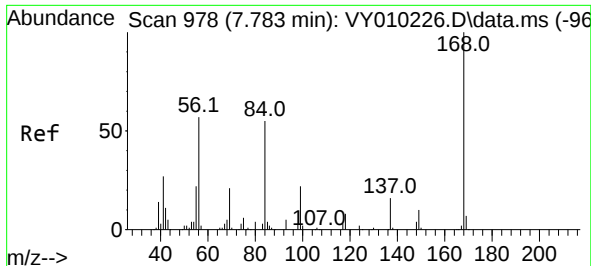
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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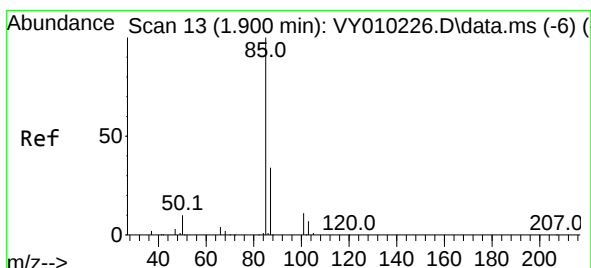
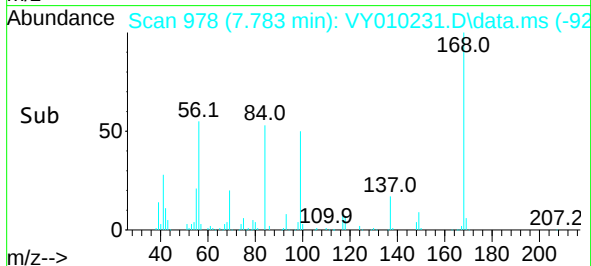
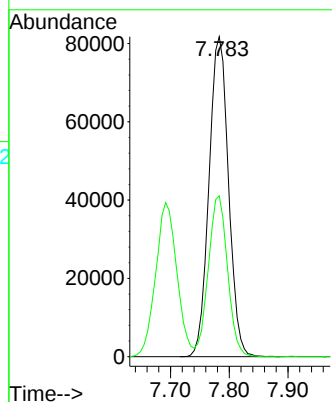
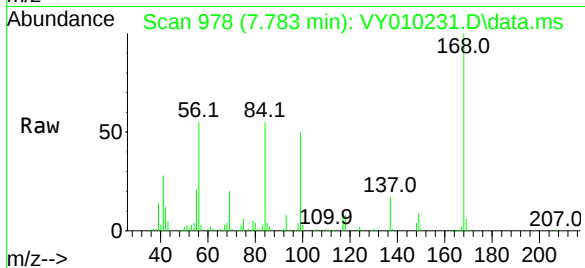




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
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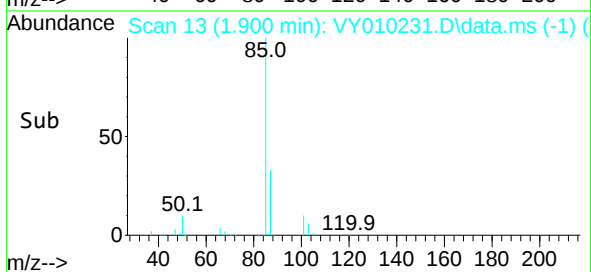
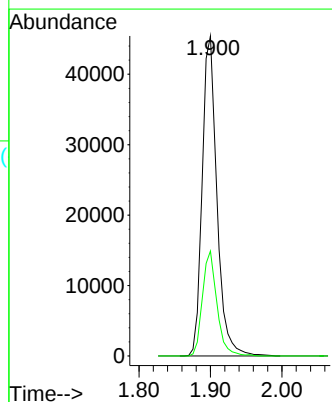
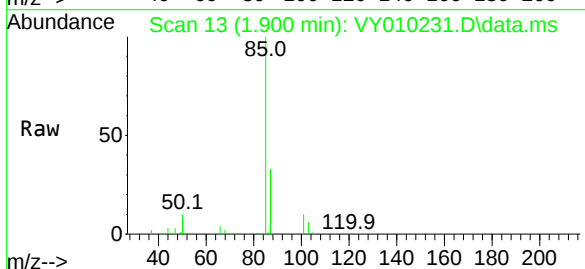
Instrument :
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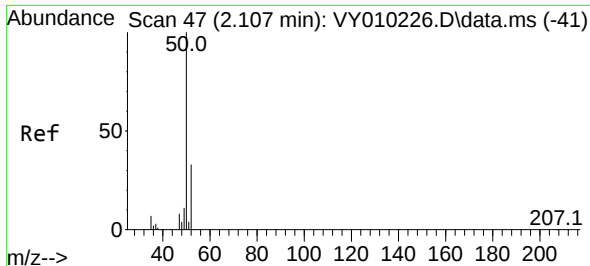
Tgt Ion:168 Resp: 188311
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.306 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 85 Resp: 64965
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

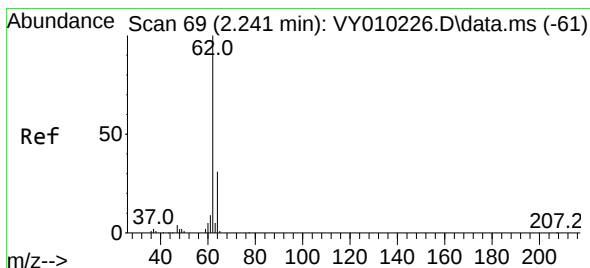
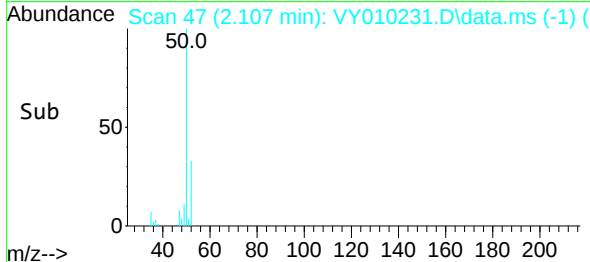
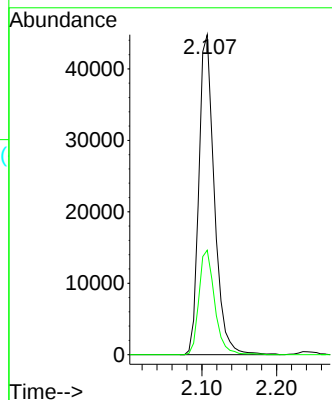
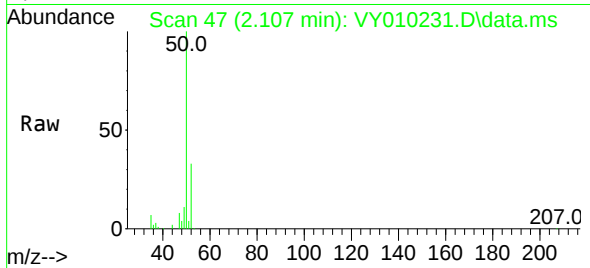




#3
Chloromethane
Concen: 45.933 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

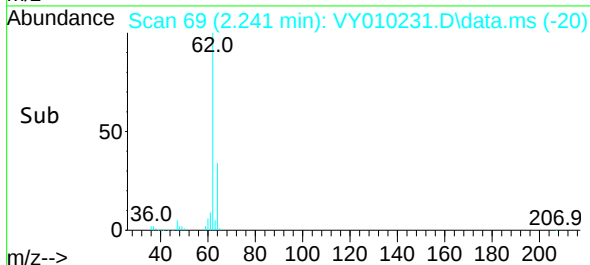
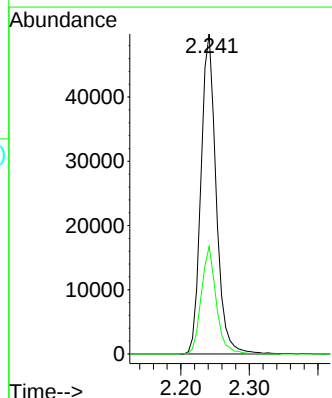
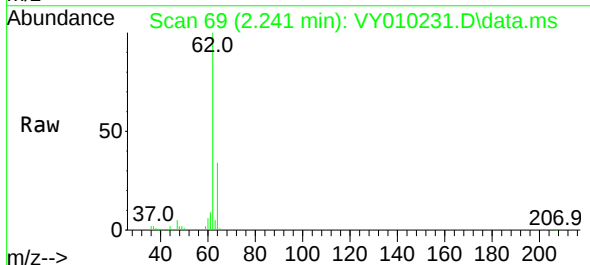
Instrument :
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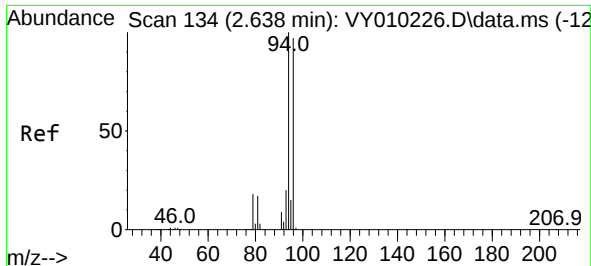
Tgt Ion: 50 Resp: 64234
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0



#4
Vinyl Chloride
Concen: 49.016 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 62 Resp: 77020
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6

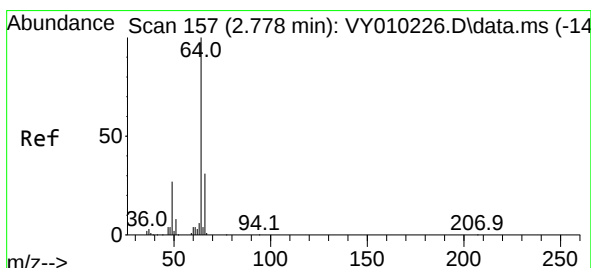
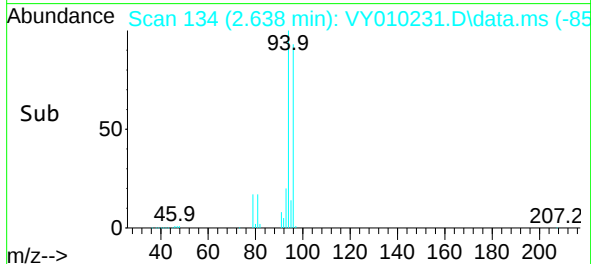
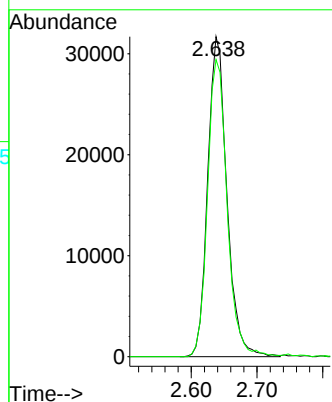
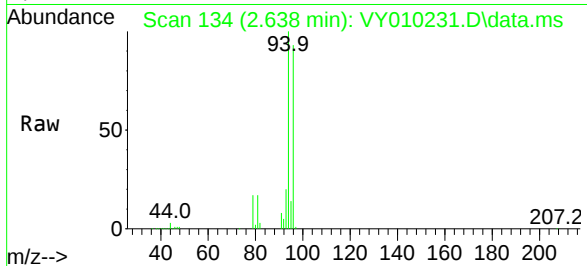




#5
Bromomethane
Concen: 50.454 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

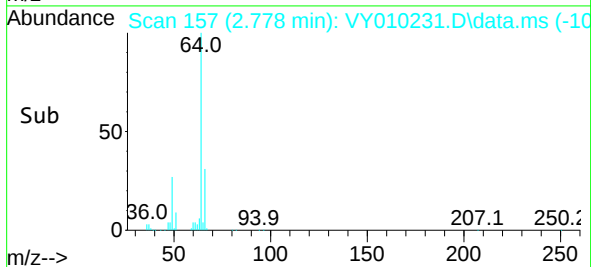
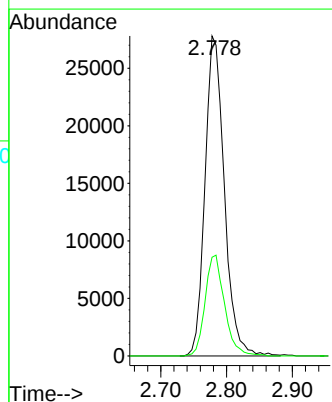
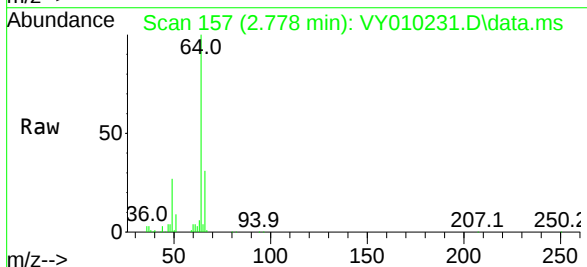
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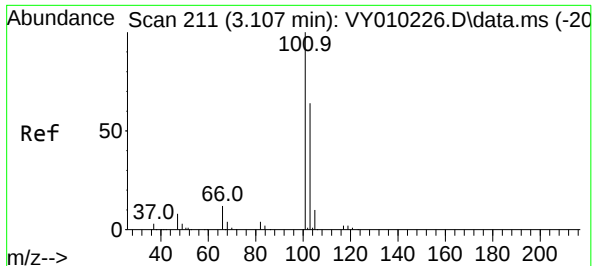
Tgt Ion: 94 Resp: 64306
Ion Ratio Lower Upper
94 100
96 92.9 73.5 110.3



#6
Chloroethane
Concen: 53.390 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 64 Resp: 56931
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0

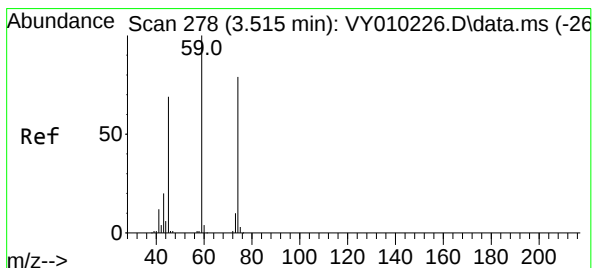
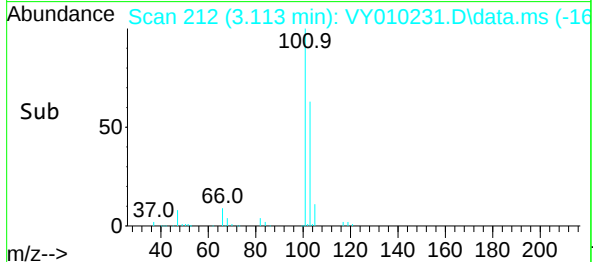
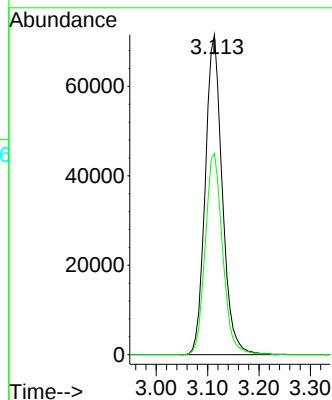
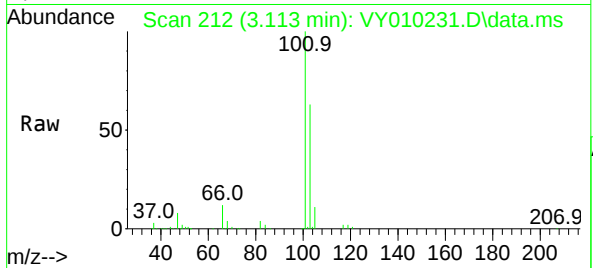




#7
 Trichlorofluoromethane
 Concen: 55.833 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

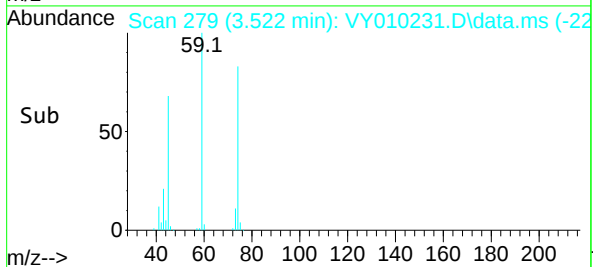
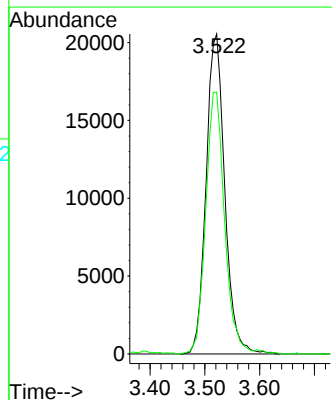
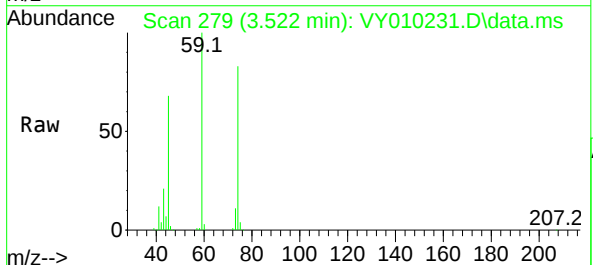
Instrument :
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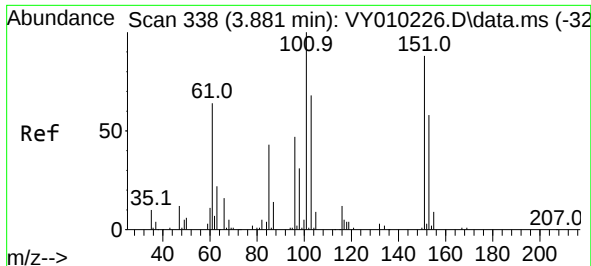
Tgt Ion:101 Resp: 164468
 Ion Ratio Lower Upper
 101 100
 103 62.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.587 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

Tgt Ion: 74 Resp: 48507
 Ion Ratio Lower Upper
 74 100
 45 82.4 55.1 165.5

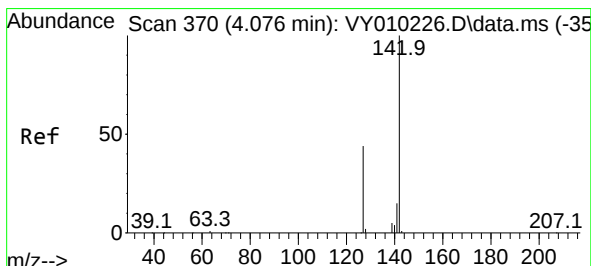
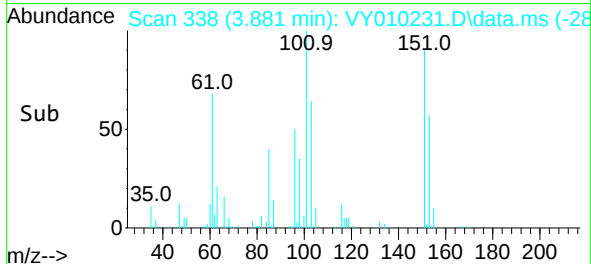
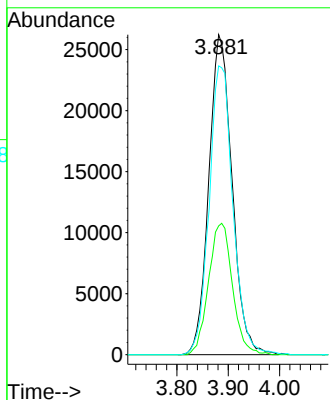
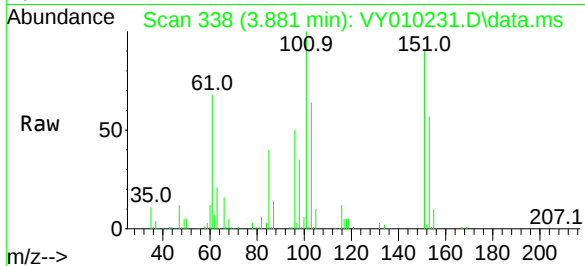




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.310 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

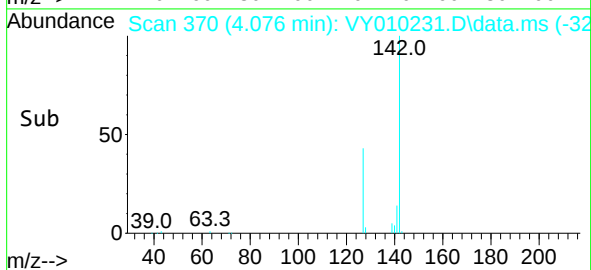
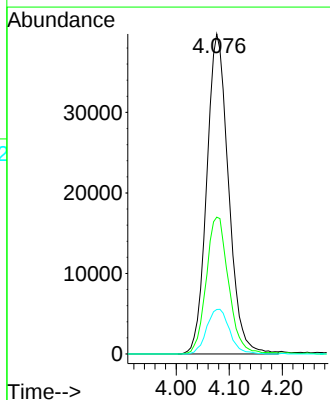
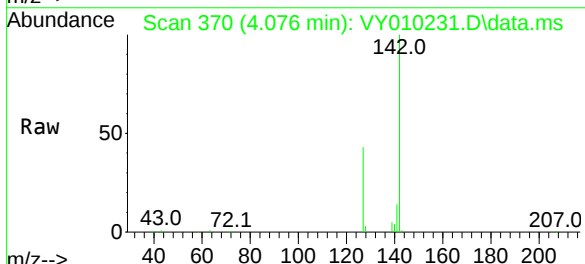
Instrument :
MSVOA_Y
ClientSampleId :
BFB

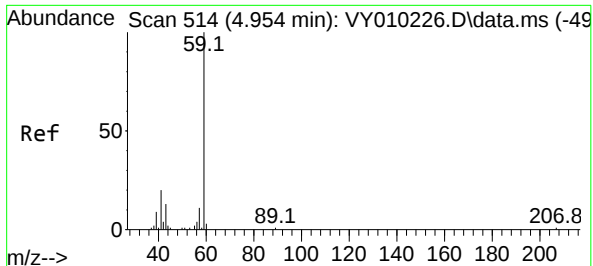
Tgt Ion:101 Resp: 82520
Ion Ratio Lower Upper
101 100
85 42.2 40.6 60.8
151 92.4 64.9 97.3



#10
Methyl Iodide
Concen: 48.213 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:142 Resp: 113455
Ion Ratio Lower Upper
142 100
127 44.1 41.5 62.3
141 14.7 11.9 17.9

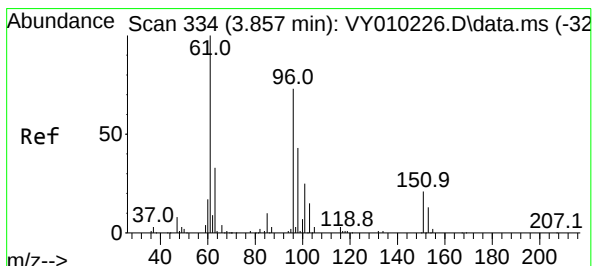
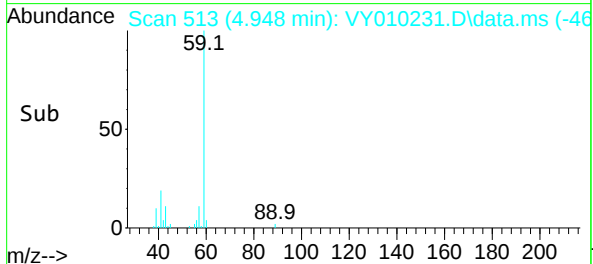
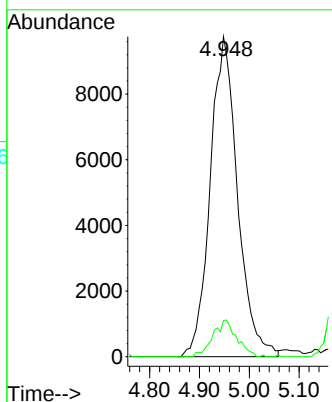
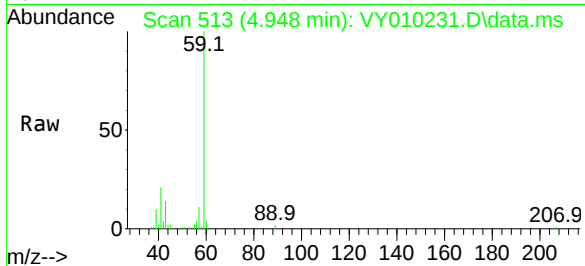




#11
Tert butyl alcohol
Concen: 234.250 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

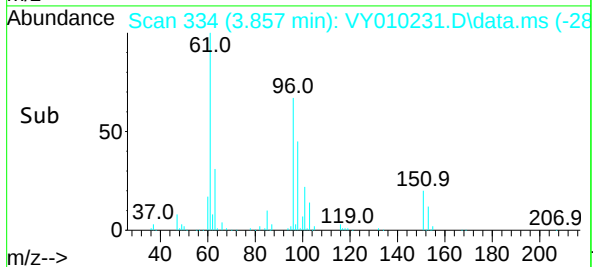
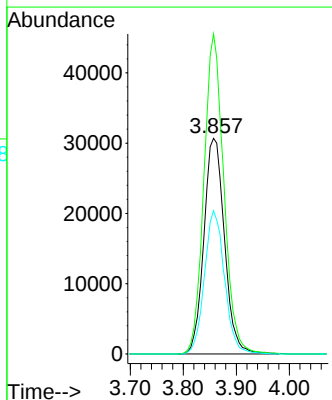
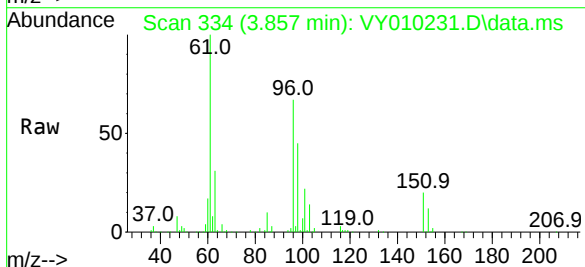
Instrument :
MSVOA_Y
ClientSampleId :
BFB

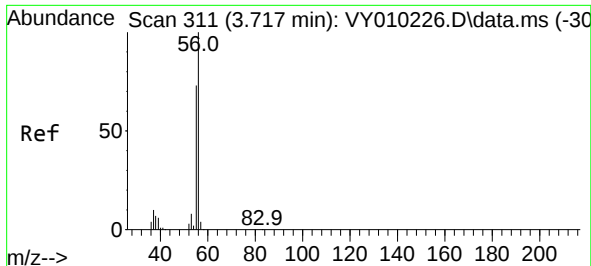
Tgt Ion: 59 Resp: 37159
Ion Ratio Lower Upper
59 100
57 9.9 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 49.212 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 96 Resp: 82781
Ion Ratio Lower Upper
96 100
61 148.4 145.8 218.6
98 66.4 52.5 78.7





#13

Acrolein

Concen: 269.573 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

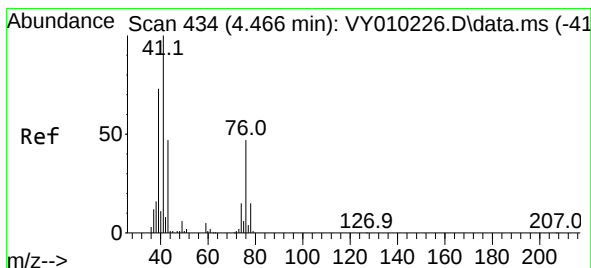
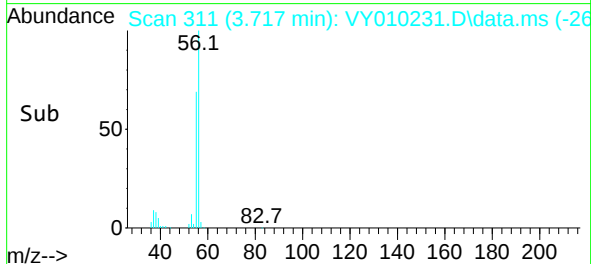
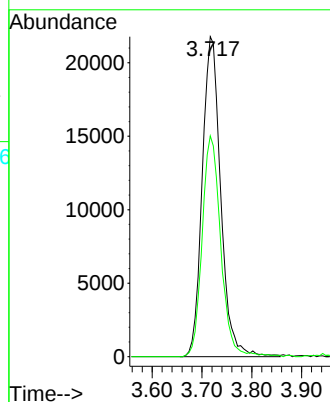
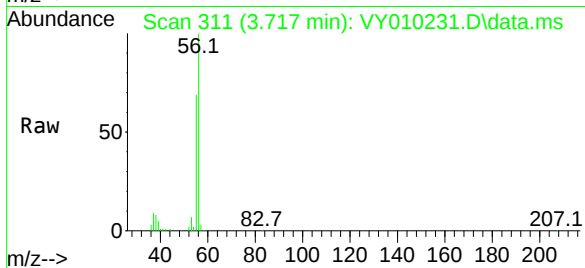
BFB

Tgt Ion: 56 Resp: 56059

Ion Ratio Lower Upper

56 100

55 68.8 57.6 86.4



#14

Allyl chloride

Concen: 47.939 ug/l

RT: 4.467 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

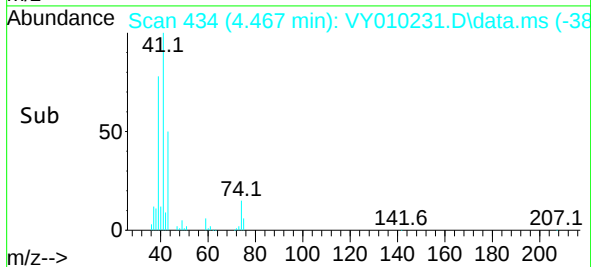
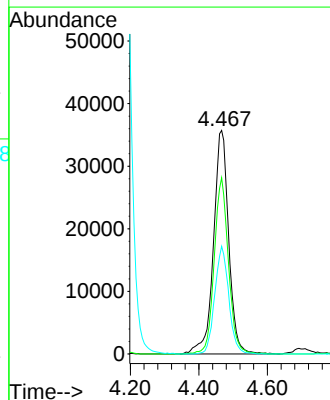
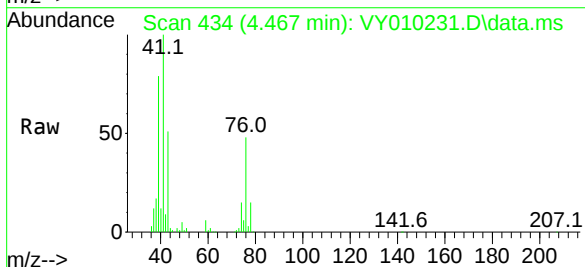
Tgt Ion: 41 Resp: 110077

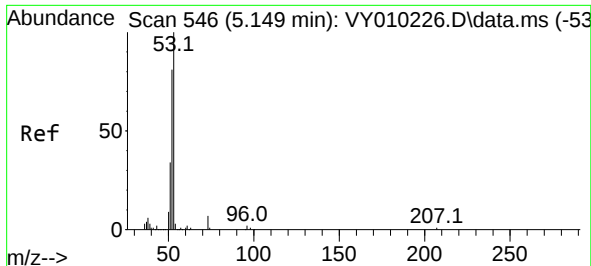
Ion Ratio Lower Upper

41 100

39 73.6 58.8 88.2

76 44.3 25.1 37.7#

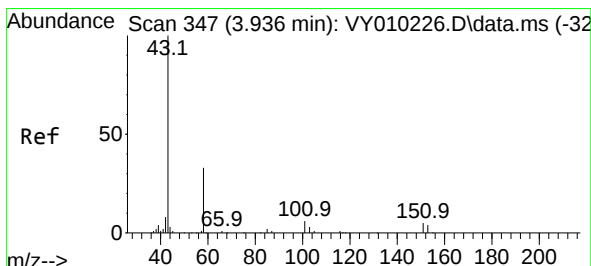
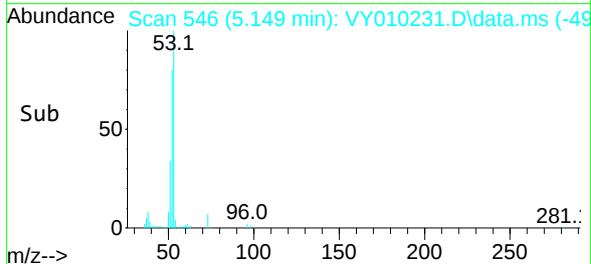
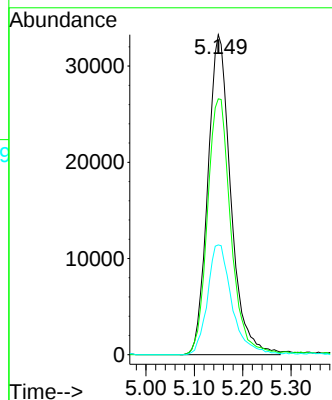
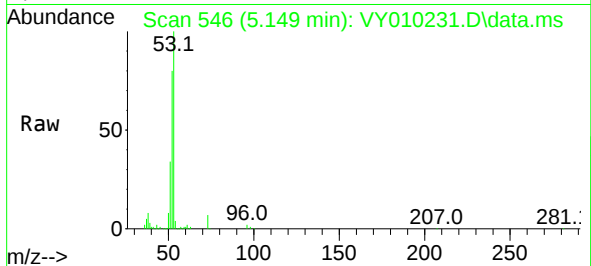




#15
Acrylonitrile
Concen: 250.193 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

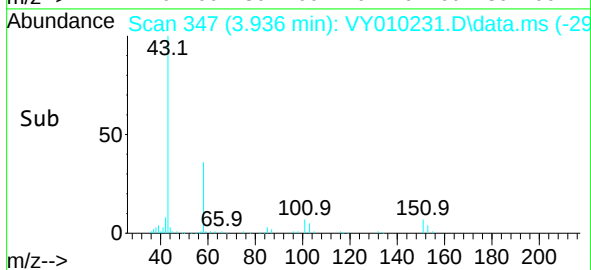
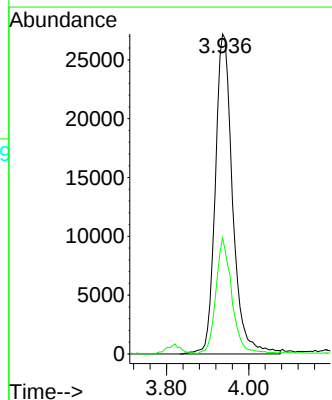
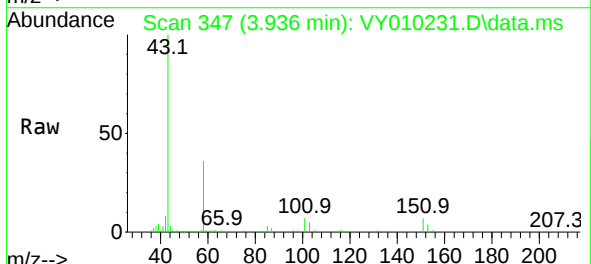
Instrument :
MSVOA_Y
ClientSampleId :
BFB

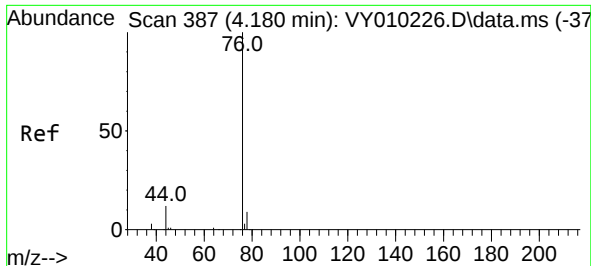
Tgt Ion: 53 Resp: 109605
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 36.5 29.8 44.6



#16
Acetone
Concen: 238.600 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 43 Resp: 79541
Ion Ratio Lower Upper
43 100
58 35.9 22.0 33.0#

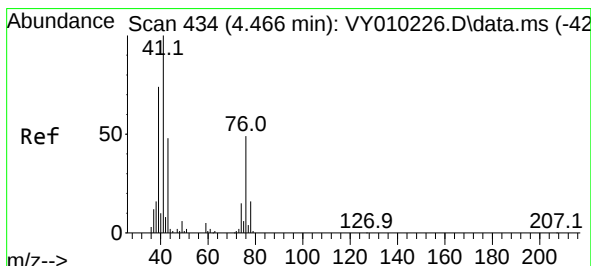
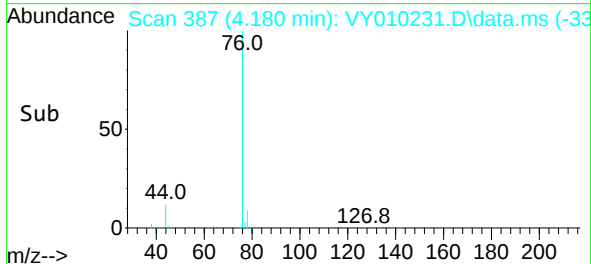
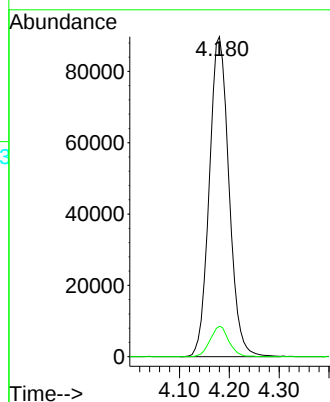
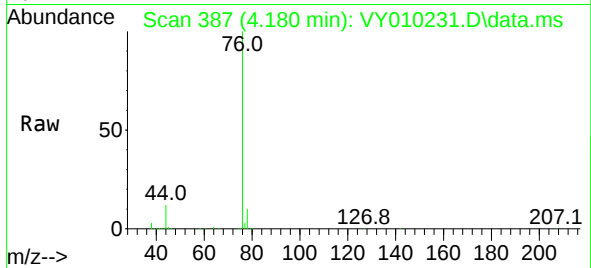




#17
Carbon Disulfide
Concen: 48.689 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

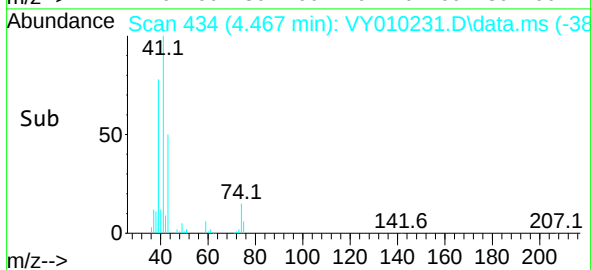
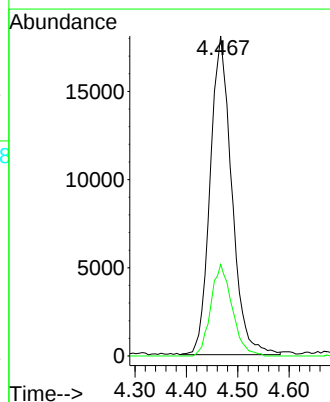
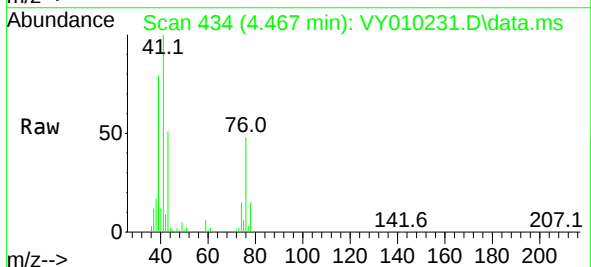
Instrument :
MSVOA_Y
ClientSampleId :
BFB

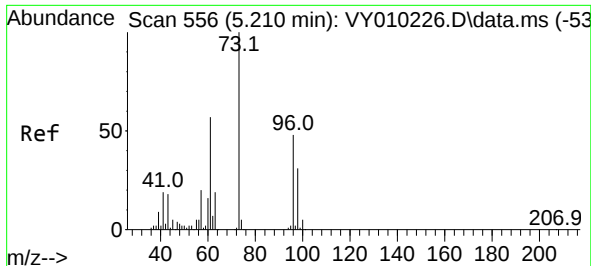
Tgt Ion: 76 Resp: 246440
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 48.117 ug/l
RT: 4.467 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 43 Resp: 52746
Ion Ratio Lower Upper
43 100
74 28.3 16.6 24.8#

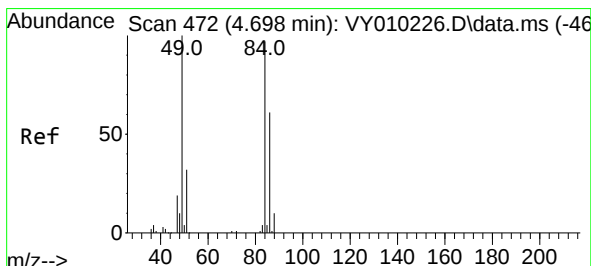
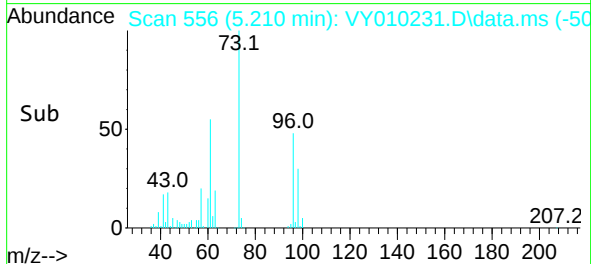
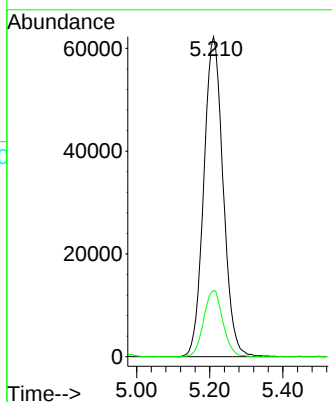
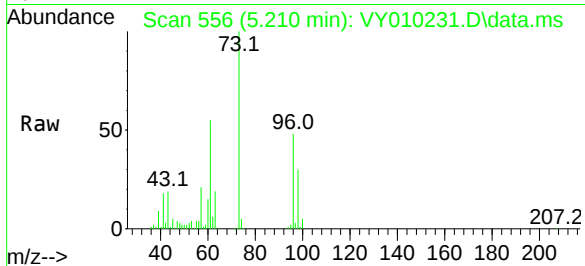




#19
Methyl tert-butyl Ether
Concen: 52.377 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

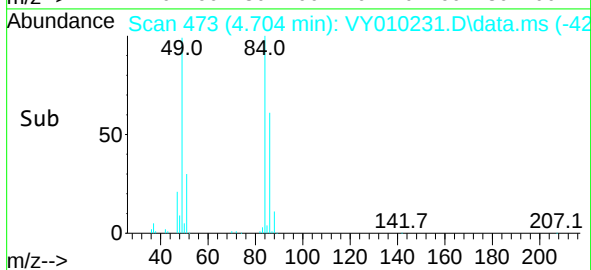
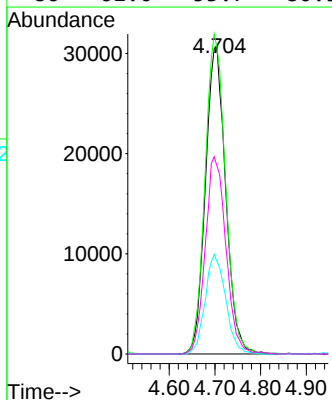
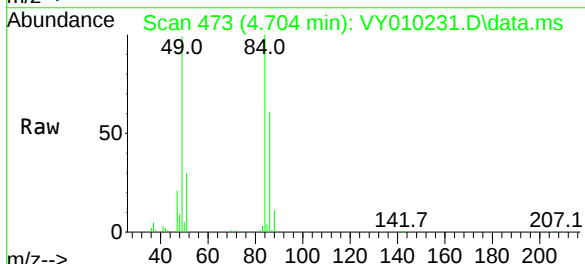
Instrument :
MSVOA_Y
ClientSampleId :
BFB

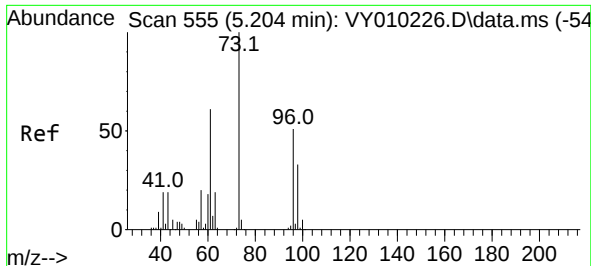
Tgt Ion: 73 Resp: 228552
Ion Ratio Lower Upper
73 100
57 20.6 18.6 27.8



#20
Methylene Chloride
Concen: 48.159 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 84 Resp: 94533
Ion Ratio Lower Upper
84 100
49 99.5 114.4 171.6#
51 30.1 35.3 52.9#
86 61.0 53.7 80.5

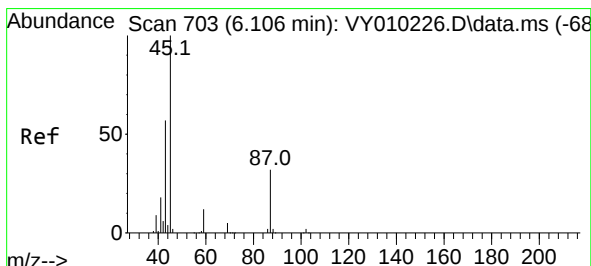
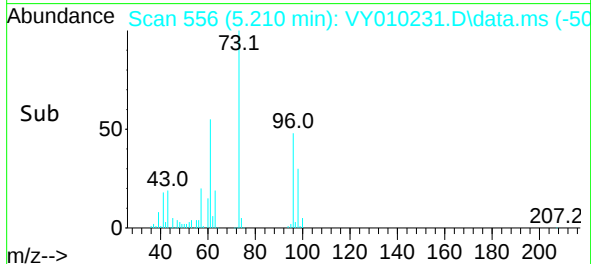
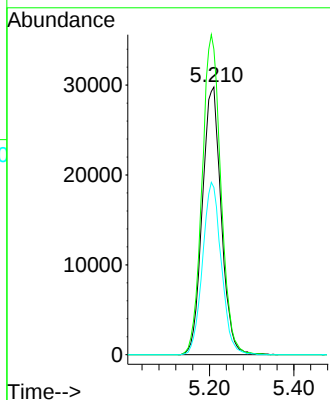
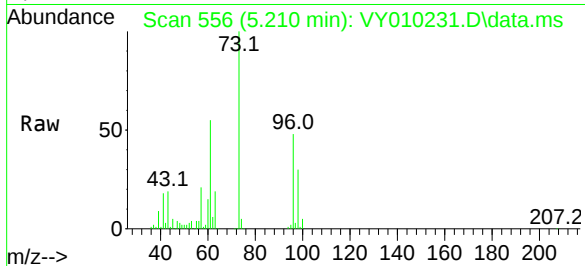




#21
trans-1,2-Dichloroethene
Concen: 50.244 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

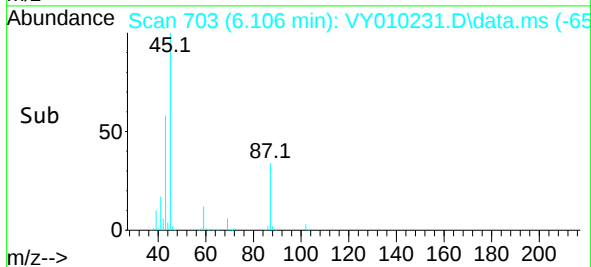
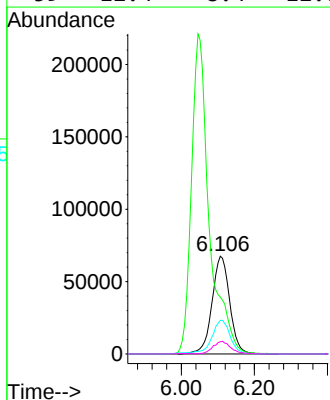
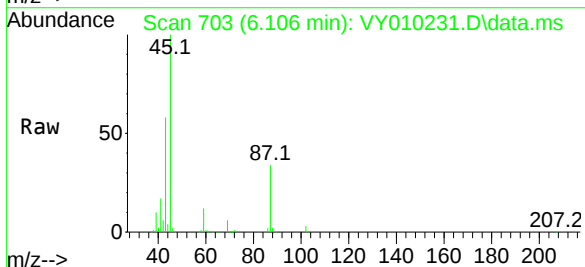
Instrument :
MSVOA_Y
ClientSampleId :
BFB

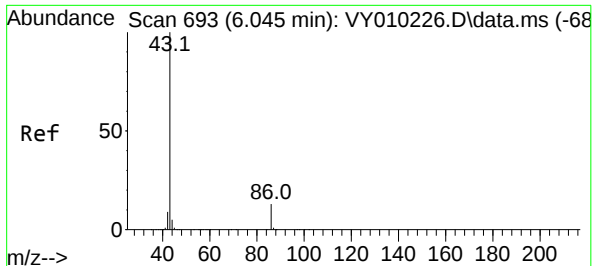
Tgt Ion: 96 Resp: 92841
Ion Ratio Lower Upper
96 100
61 114.1 120.5 180.7#
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 49.158 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 45 Resp: 227209
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 34.4 19.2 28.8#
59 12.4 8.4 12.6

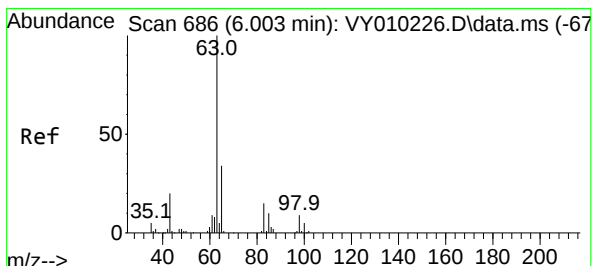
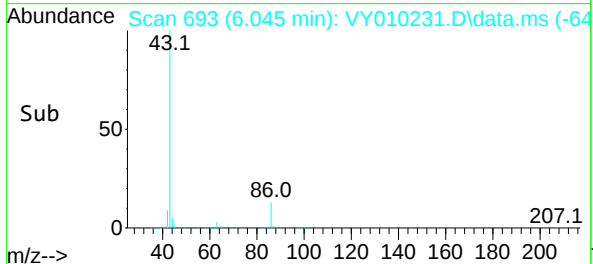
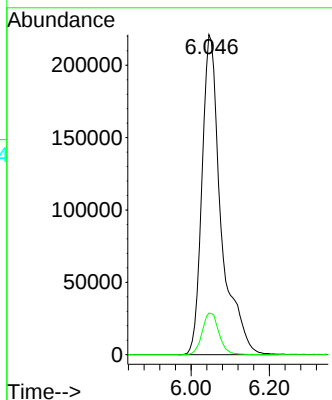
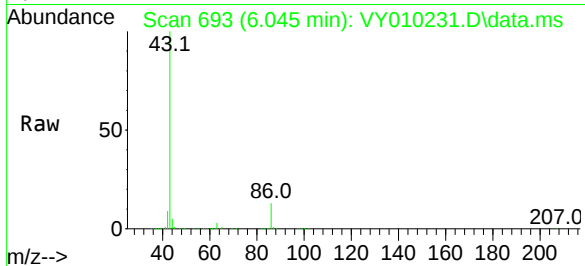




#23
 Vinyl Acetate
 Concen: 252.591 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

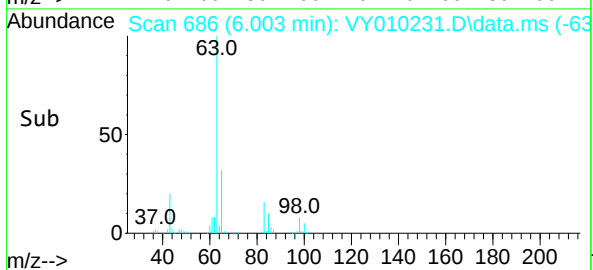
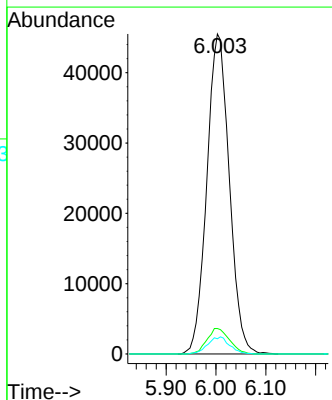
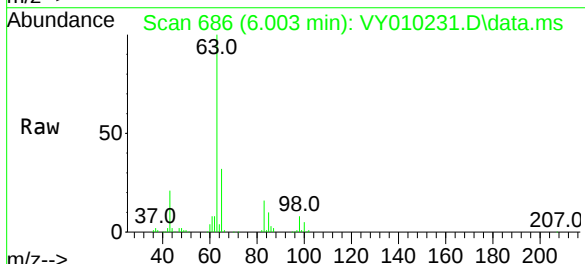
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

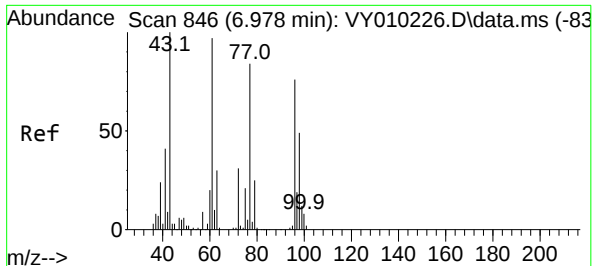
Tgt Ion: 43 Resp: 747412
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.147 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

Tgt Ion: 63 Resp: 142303
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 225.573 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

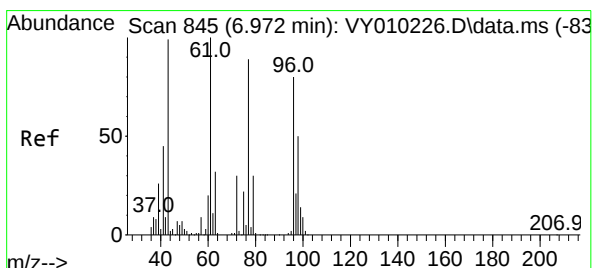
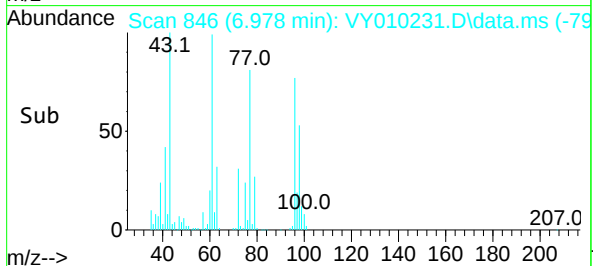
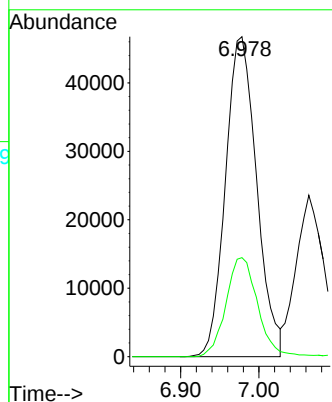
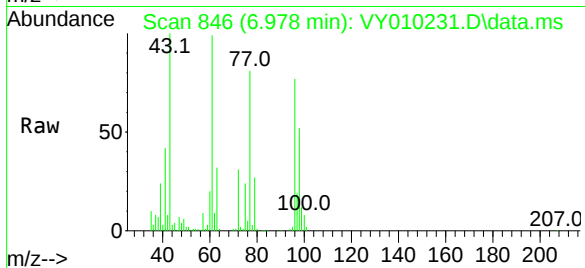
BFB

Tgt Ion: 43 Resp: 129511

Ion Ratio Lower Upper

43 100

72 30.9 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.904 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY010231.D

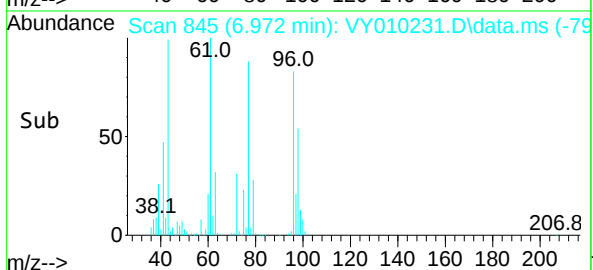
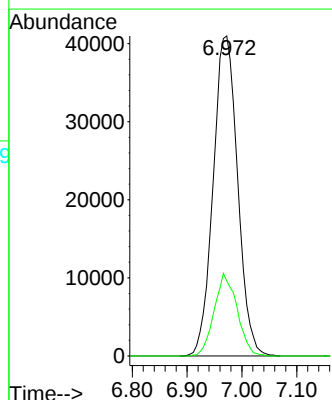
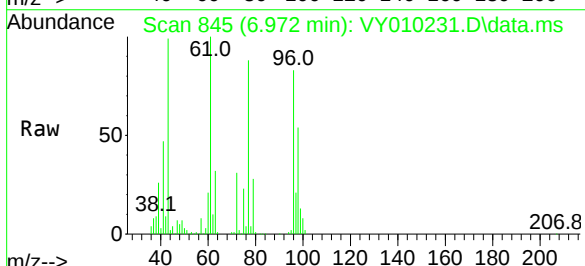
Acq: 30 Aug 2022 20:34

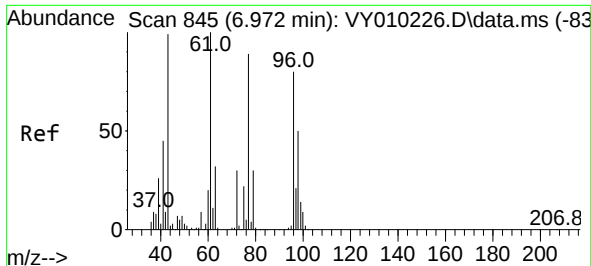
Tgt Ion: 77 Resp: 127079

Ion Ratio Lower Upper

77 100

97 24.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.576 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

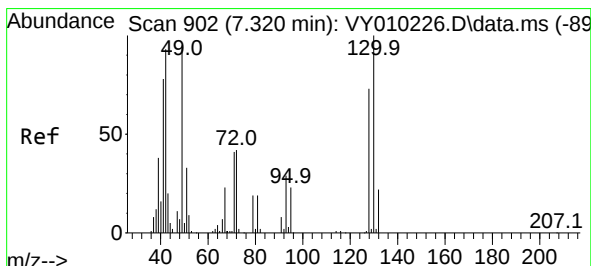
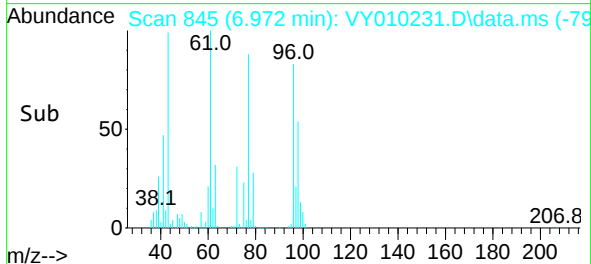
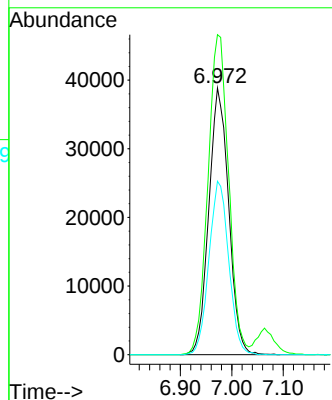
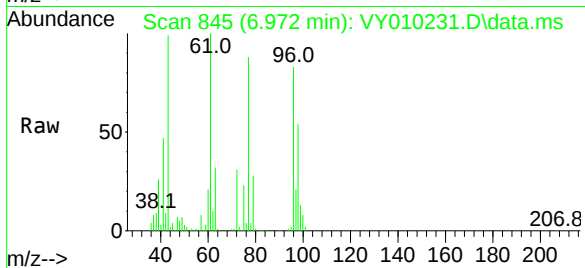
Tgt Ion: 96 Resp: 104137

Ion Ratio Lower Upper

96 100

61 125.1 0.0 319.8

98 64.9 0.0 127.0



#28

Bromochloromethane

Concen: 50.871 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

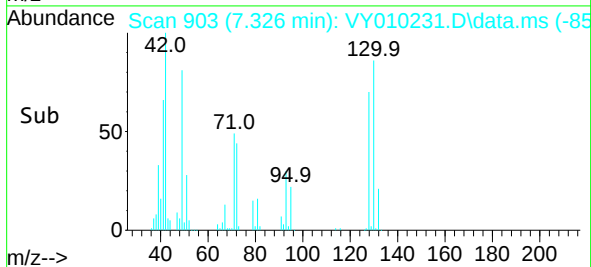
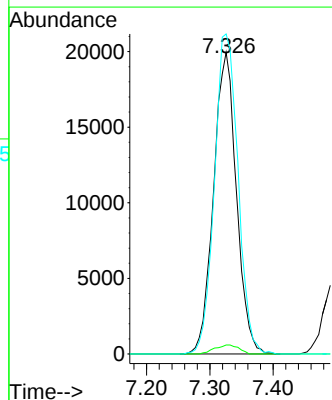
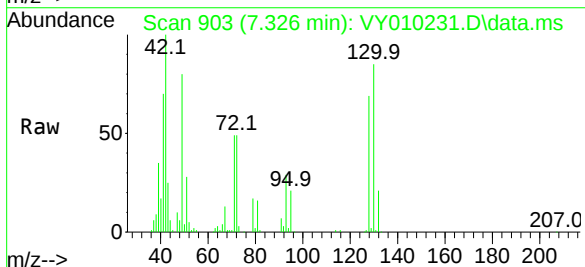
Tgt Ion: 49 Resp: 50028

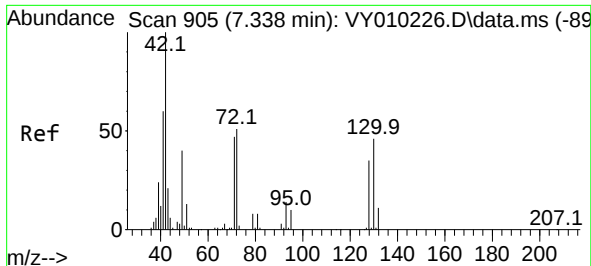
Ion Ratio Lower Upper

49 100

129 3.1 0.0 2.2#

130 109.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 233.737 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

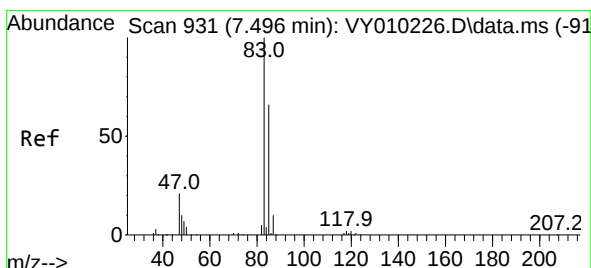
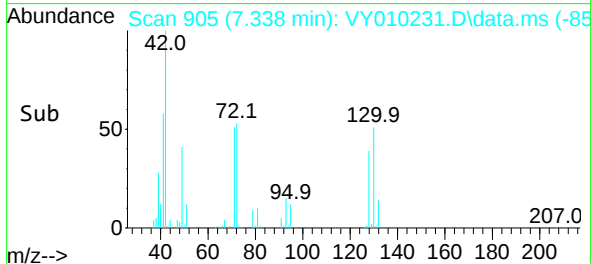
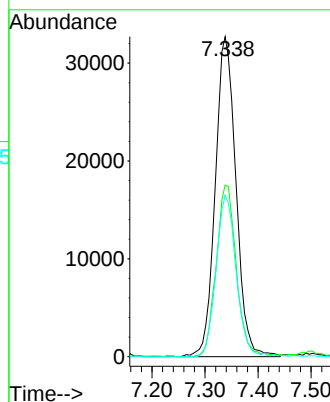
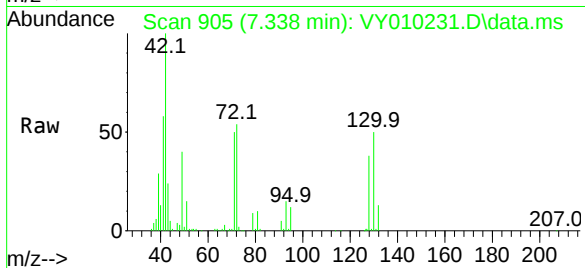
Tgt Ion: 42 Resp: 88613

Ion Ratio Lower Upper

42 100

72 52.5 30.3 45.5#

71 48.8 29.0 43.4#



#30

Chloroform

Concen: 49.145 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010231.D

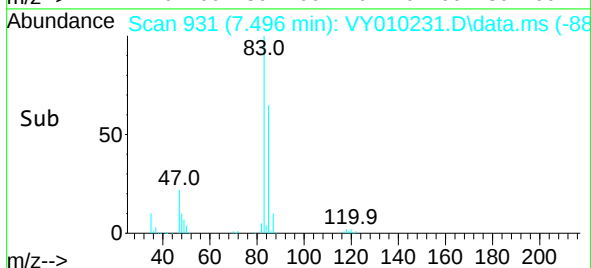
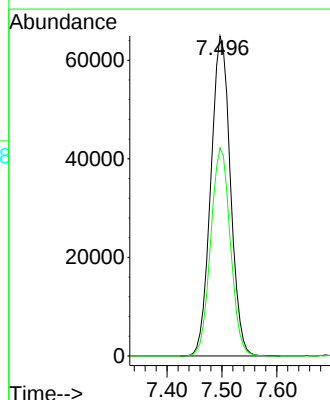
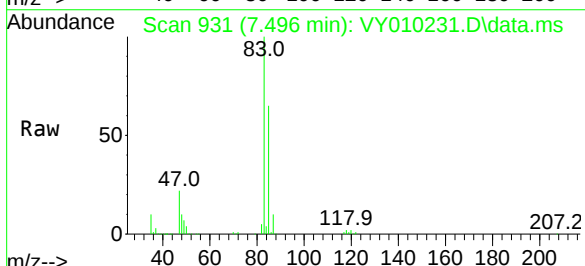
Acq: 30 Aug 2022 20:34

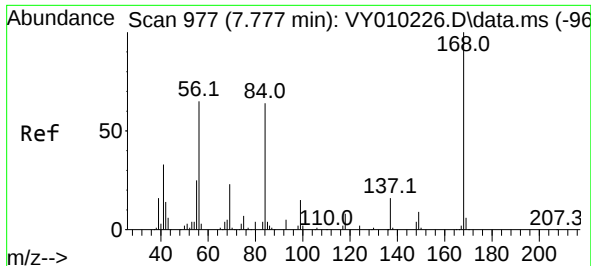
Tgt Ion: 83 Resp: 161140

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

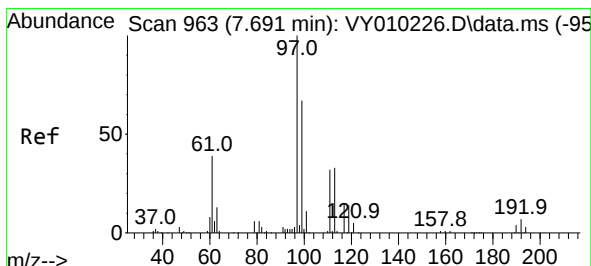
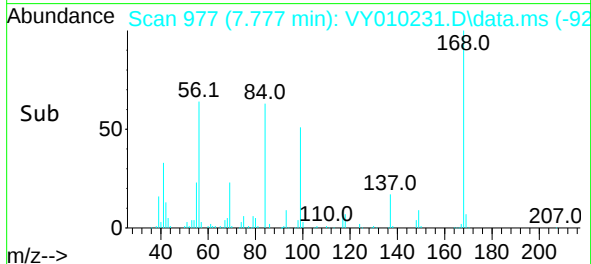
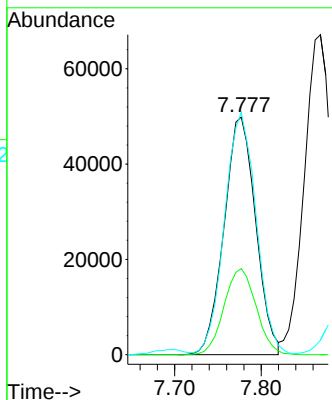
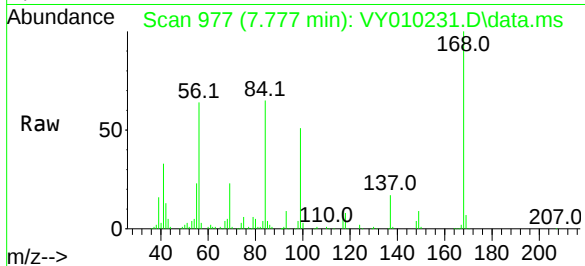




#31
Cyclohexane
Concen: 44.693 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

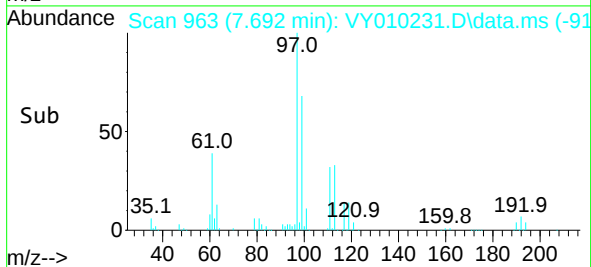
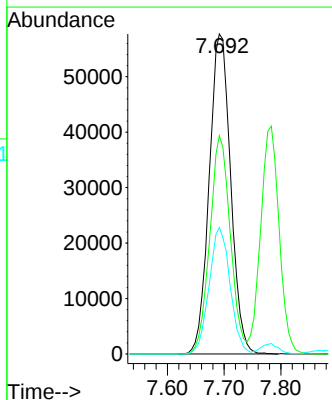
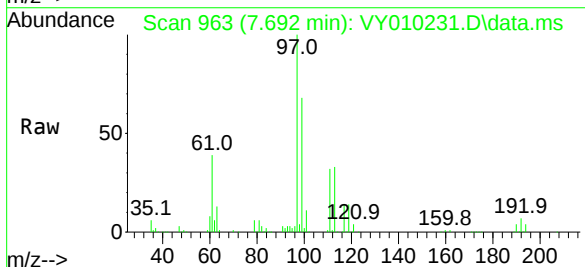
Instrument :
MSVOA_Y
ClientSampleId :
BFB

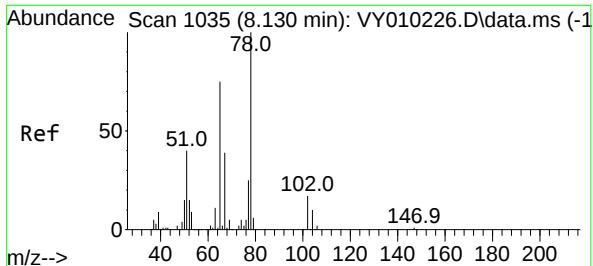
Tgt Ion: 56 Resp: 126585
Ion Ratio Lower Upper
56 100
69 36.2 26.7 40.1
84 100.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.287 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 97 Resp: 151149
Ion Ratio Lower Upper
97 100
99 65.6 50.7 76.1
61 38.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.165 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

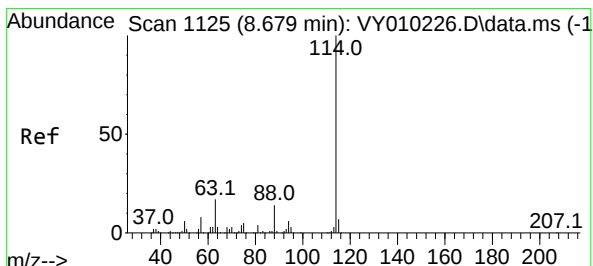
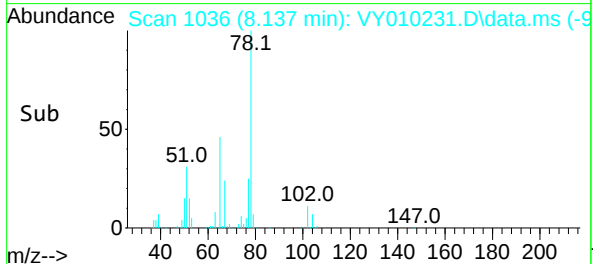
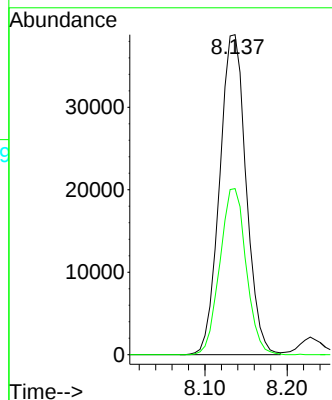
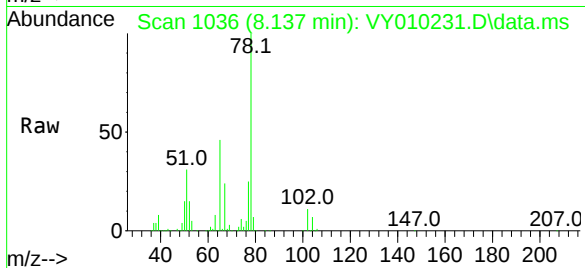
BFB

Tgt Ion: 65 Resp: 86962

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

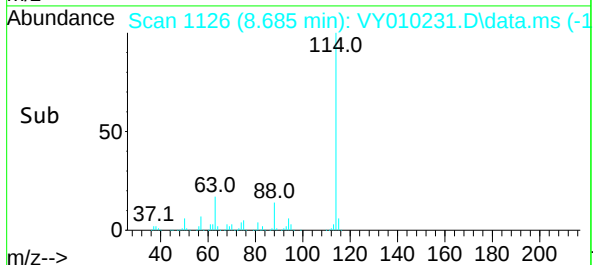
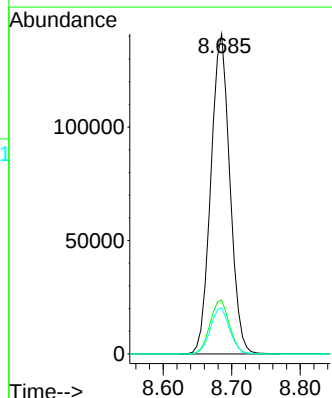
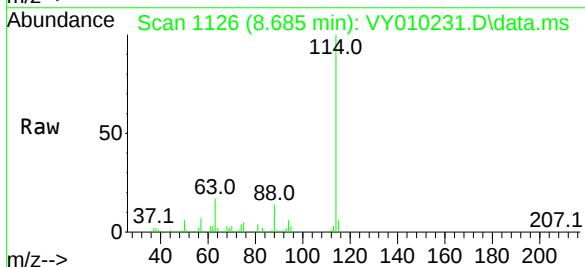
Tgt Ion: 114 Resp: 271917

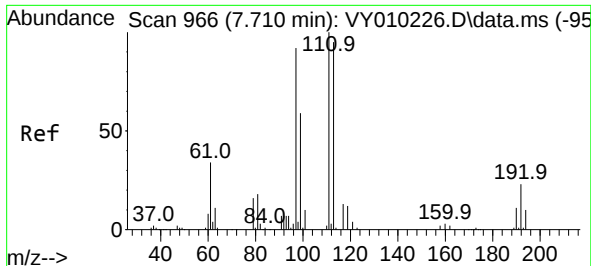
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.4 0.0 31.8

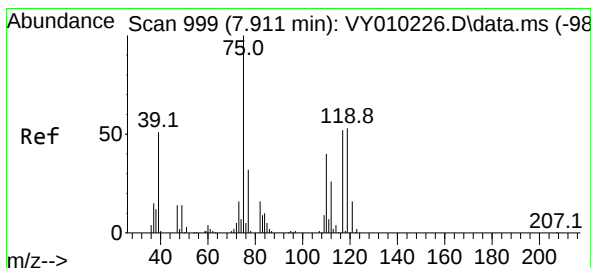
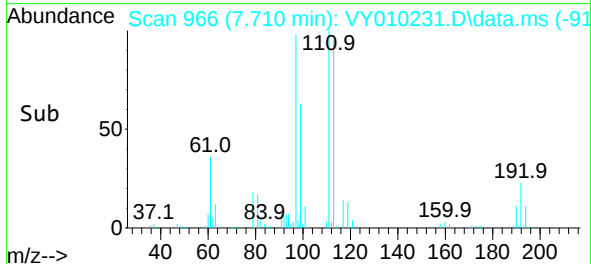
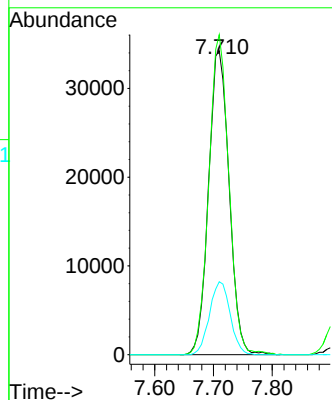
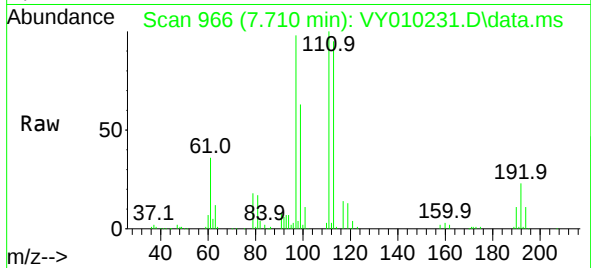




#35
Dibromofluoromethane
Concen: 53.363 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

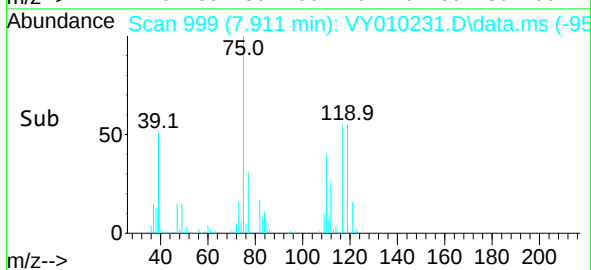
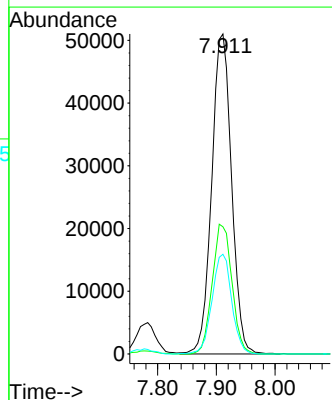
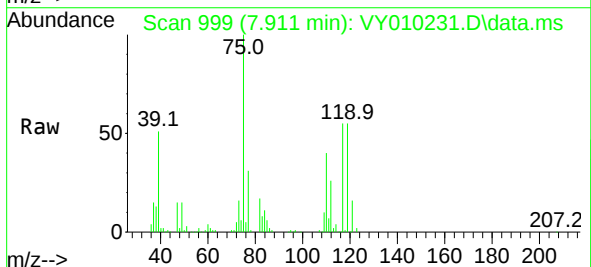
Instrument :
MSVOA_Y
ClientSampleId :
BFB

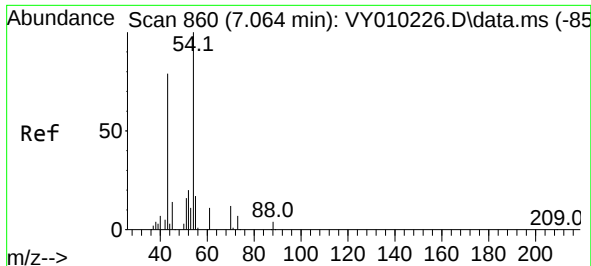
Tgt Ion:113 Resp: 83365
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 24.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.523 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 75 Resp: 119813
Ion Ratio Lower Upper
75 100
110 40.2 17.1 51.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 48.367 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

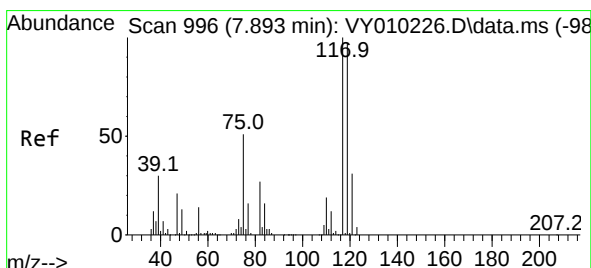
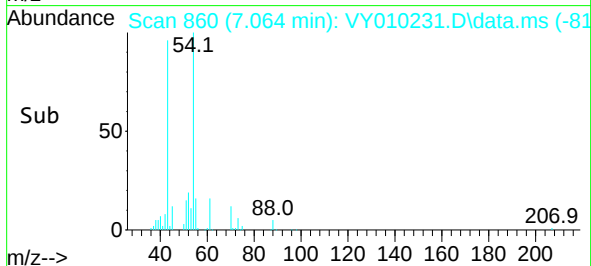
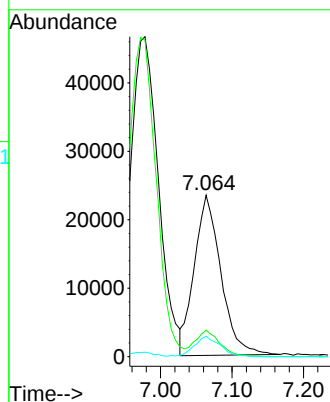
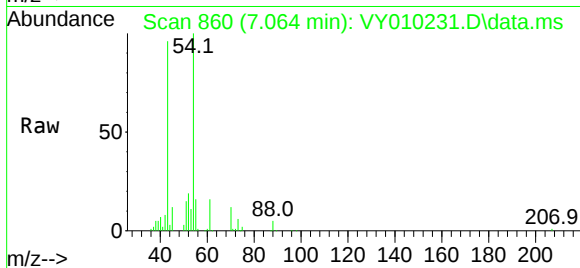
Tgt Ion: 43 Resp: 60453

Ion Ratio Lower Upper

43 100

61 15.5 9.7 14.5#

70 12.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.672 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

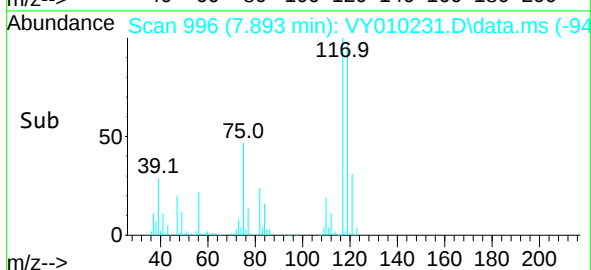
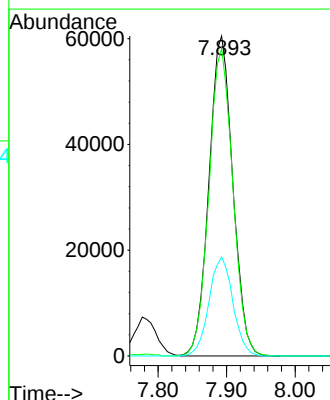
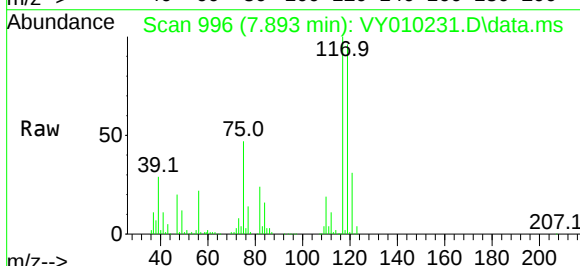
Tgt Ion: 117 Resp: 146040

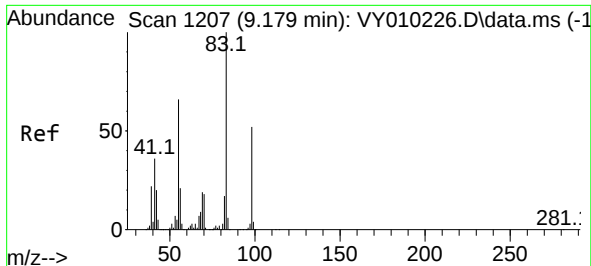
Ion Ratio Lower Upper

117 100

119 96.2 77.9 116.9

121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 49.633 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

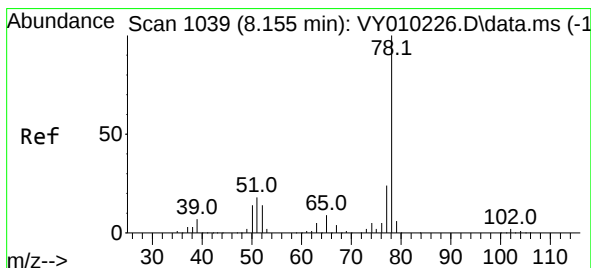
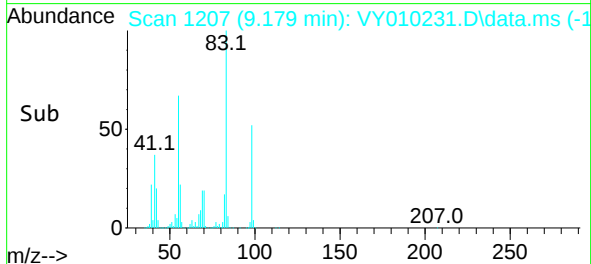
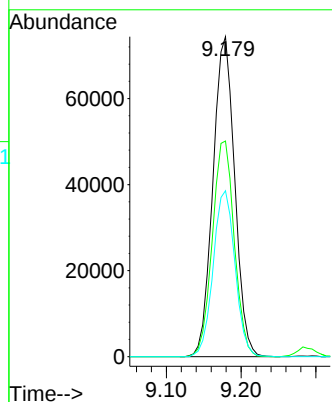
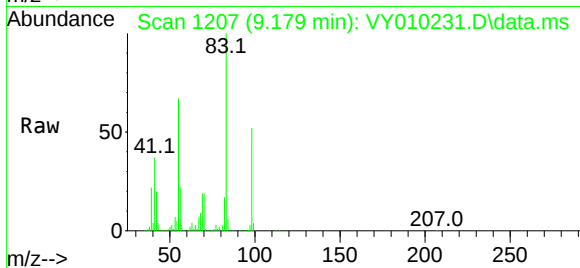
Tgt Ion: 83 Resp: 150817

Ion Ratio Lower Upper

83 100

55 67.4 66.5 99.7

98 51.8 37.9 56.9



#40

Benzene

Concen: 49.158 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY010231.D

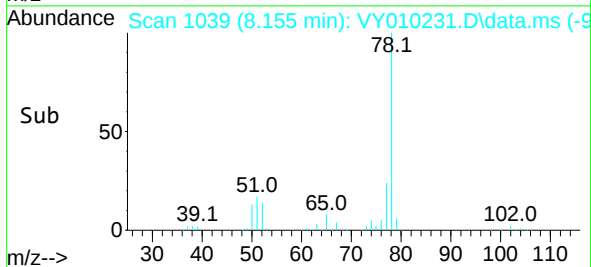
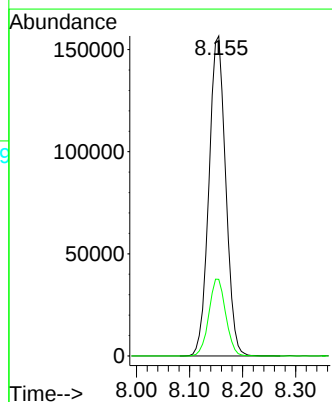
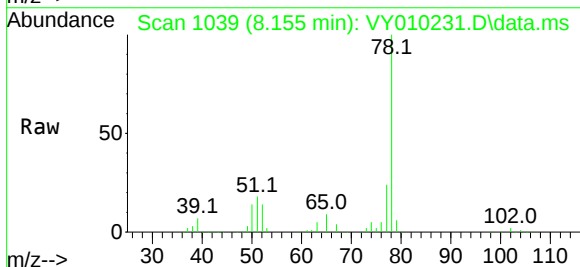
Acq: 30 Aug 2022 20:34

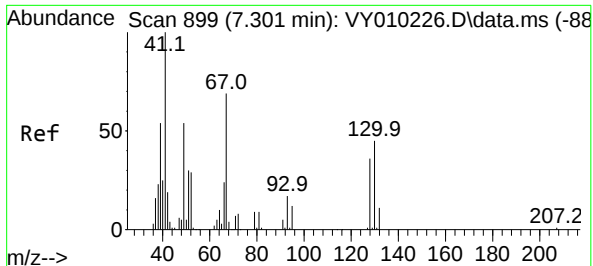
Tgt Ion: 78 Resp: 344233

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

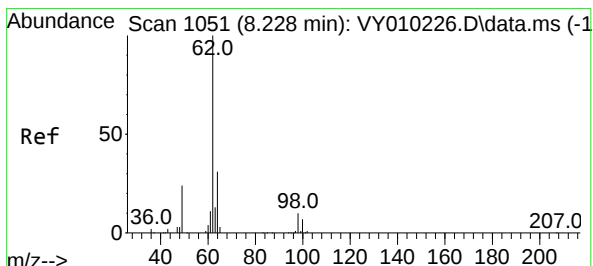
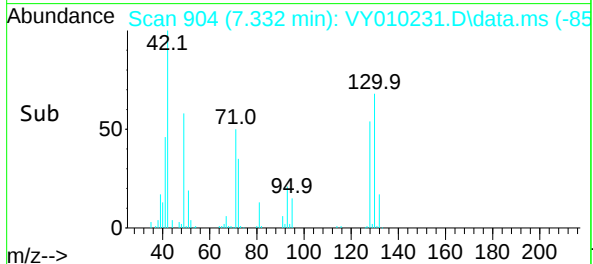
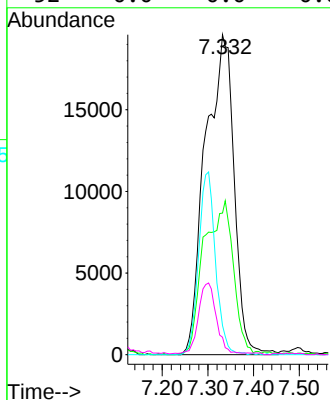
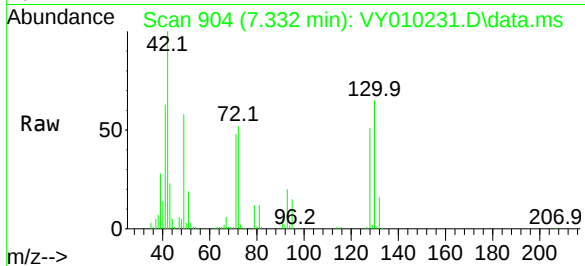




#41
Methacrylonitrile
Concen: 120.687 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

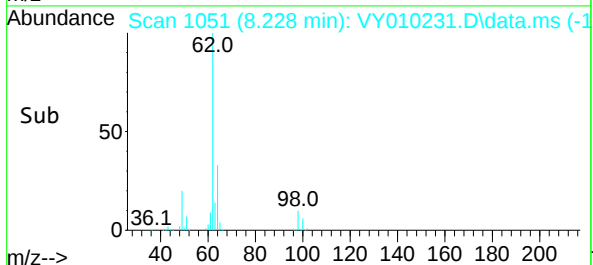
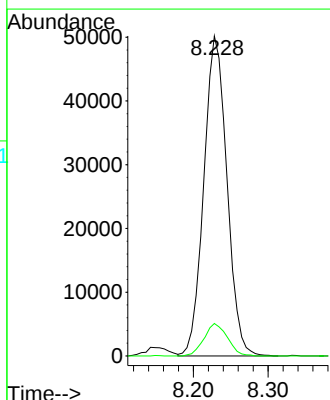
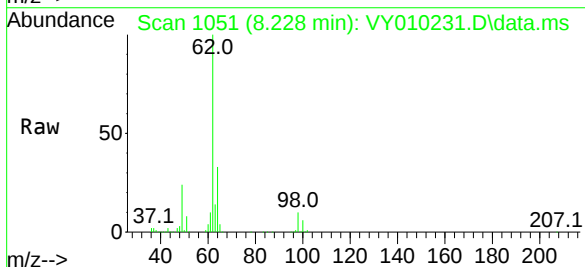
Instrument :
MSVOA_Y
ClientSampleId :
BFB

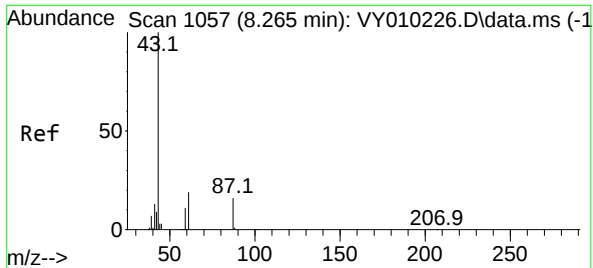
Tgt Ion: 41 Resp: 85221
Ion Ratio Lower Upper
41 100
39 49.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.132 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 62 Resp: 107909
Ion Ratio Lower Upper
62 100
98 10.3 0.0 14.8

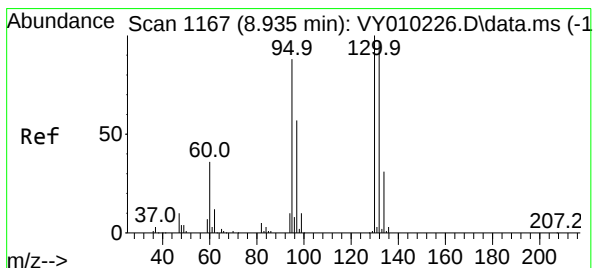
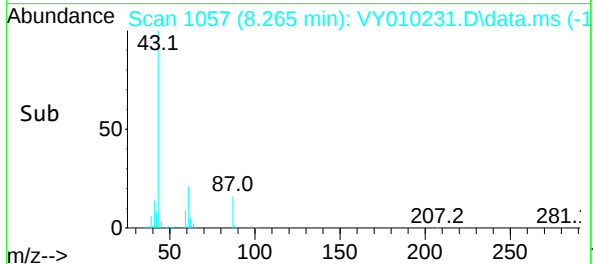
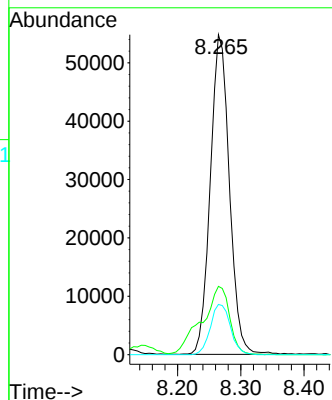
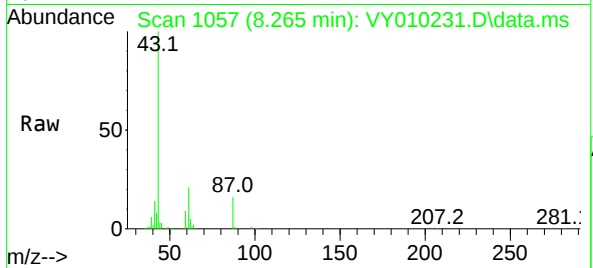




#43
Isopropyl Acetate
Concen: 47.933 ug/l
RT: 8.265 min Scan# 114698
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

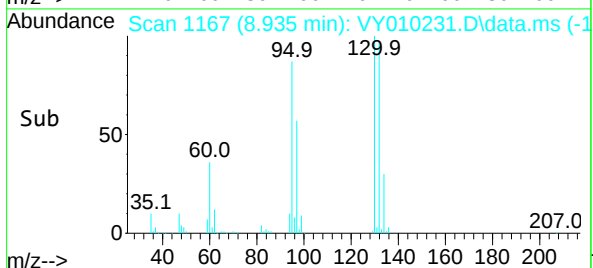
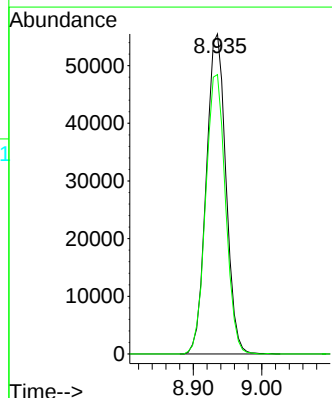
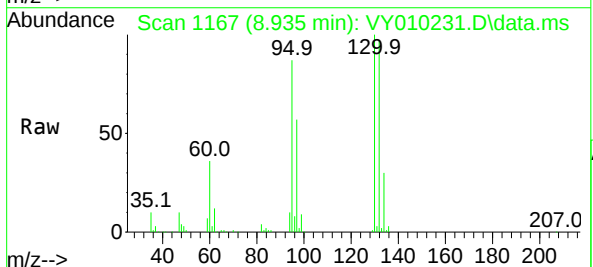
Instrument :
MSVOA_Y
ClientSampleId :
BFB

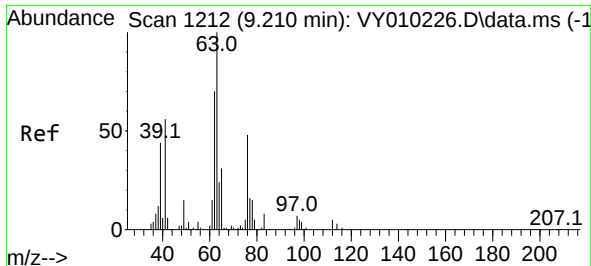
Tgt Ion: 43 Resp: 114698
Ion Ratio Lower Upper
43 100
61 31.2 20.2 30.2#
87 16.5 8.9 13.3#



#44
Trichloroethene
Concen: 51.155 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 130 Resp: 110540
Ion Ratio Lower Upper
130 100
95 87.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 46.393 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

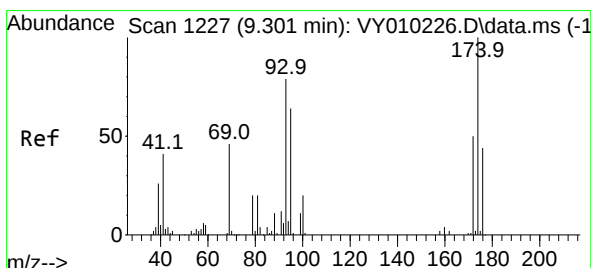
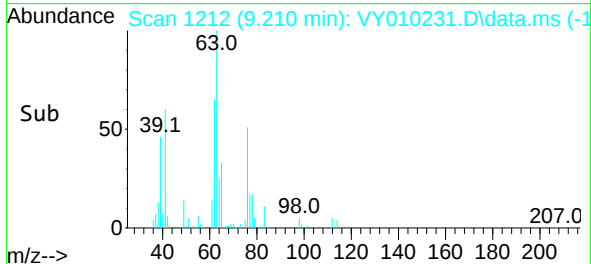
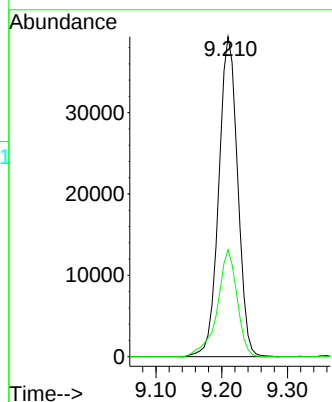
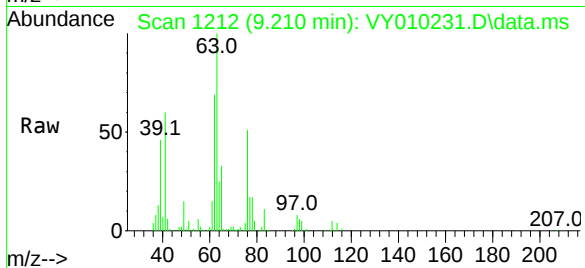
BFB

Tgt Ion: 63 Resp: 78514

Ion Ratio Lower Upper

63 100

65 33.4 23.0 34.6



#46

Dibromomethane

Concen: 49.259 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

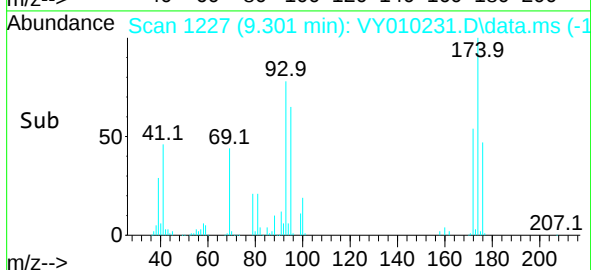
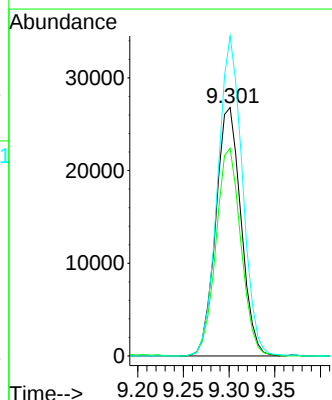
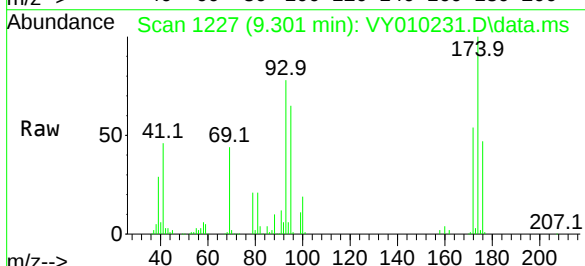
Tgt Ion: 93 Resp: 51435

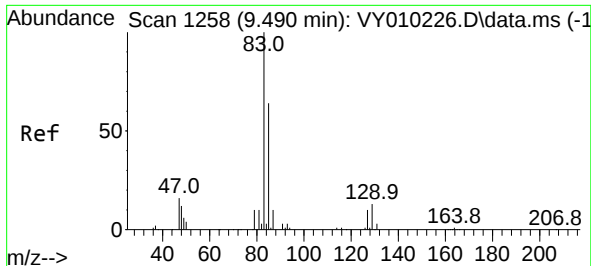
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 125.8 83.4 125.0#

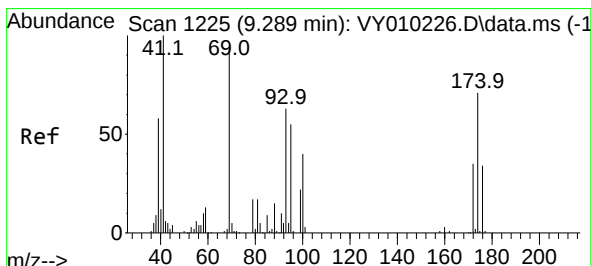
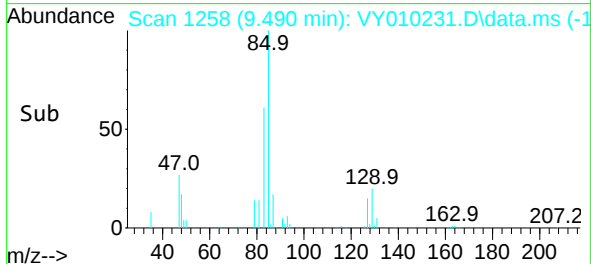
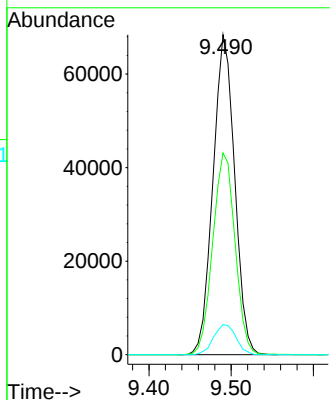
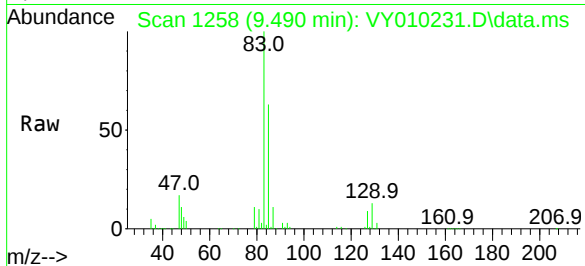




#47
Bromodichloromethane
Concen: 51.802 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

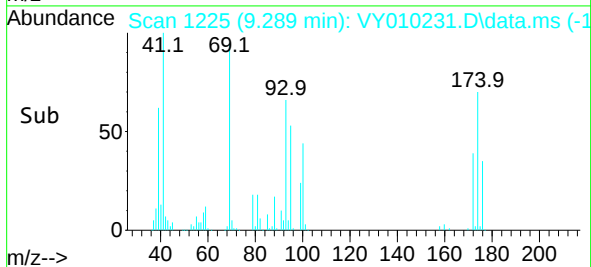
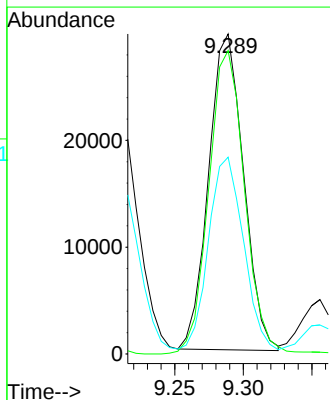
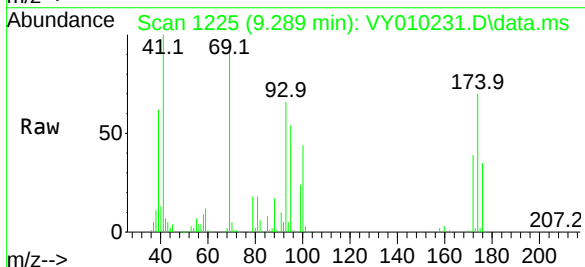
Instrument :
MSVOA_Y
ClientSampleId :
BFB

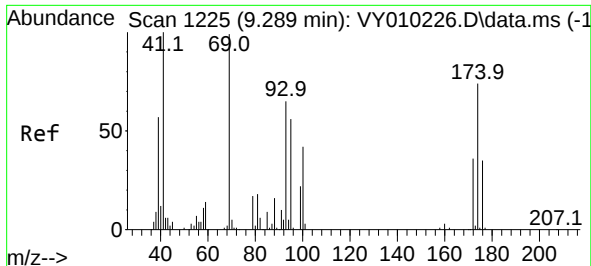
Tgt Ion:	83	Resp:	125227
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.9	77.9
127	9.4	6.6	10.0



#48
Methyl methacrylate
Concen: 49.165 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:	41	Resp:	52400
Ion	Ratio	Lower	Upper
41	100		
69	99.0	58.2	87.2
39	60.9	47.4	71.0





#49

1,4-Dioxane

Concen: 1029.511 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

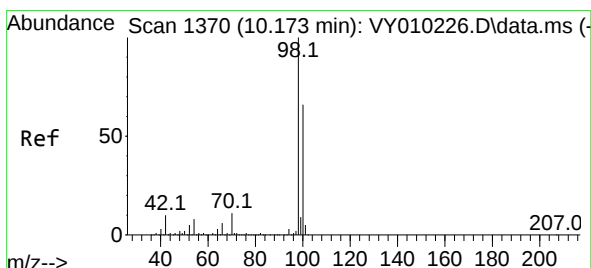
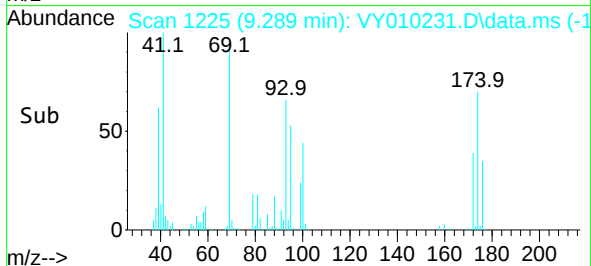
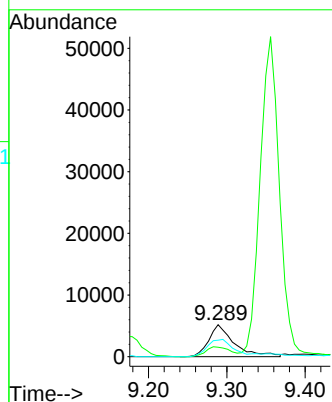
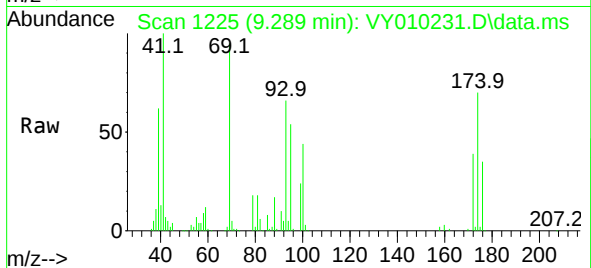
Tgt Ion: 88 Resp: 11655

Ion Ratio Lower Upper

88 100

43 29.5 32.8 49.2#

58 55.6 59.8 89.6#



#50

Toluene-d8

Concen: 54.500 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY010231.D

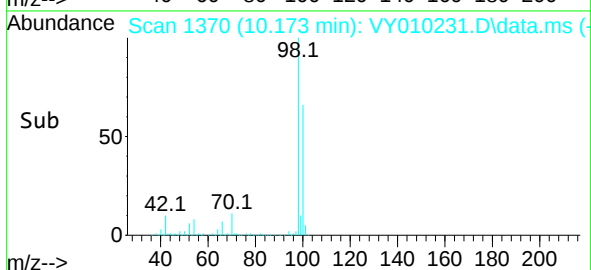
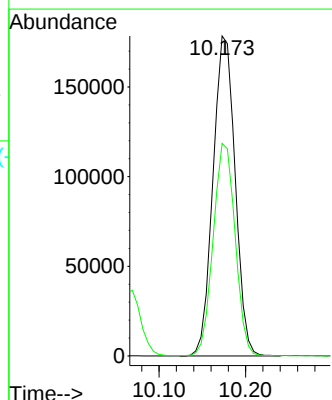
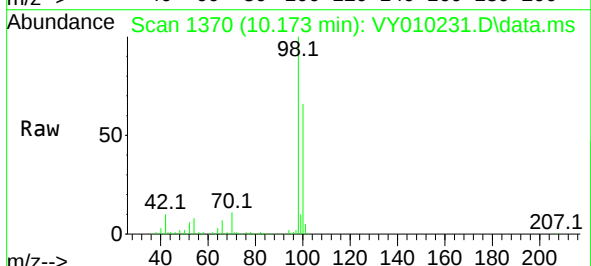
Acq: 30 Aug 2022 20:34

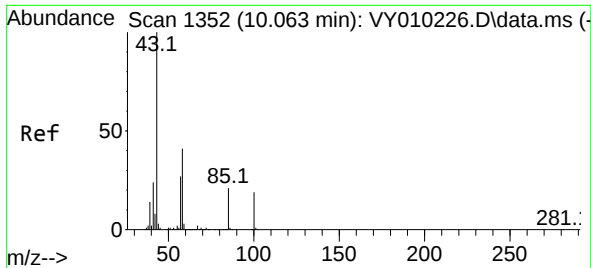
Tgt Ion: 98 Resp: 316939

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

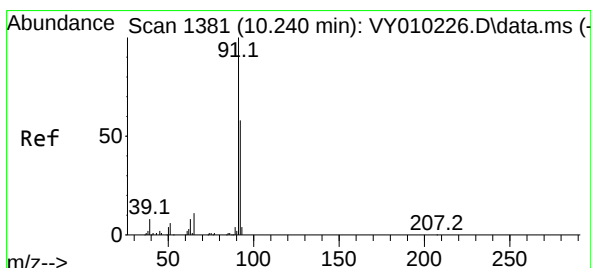
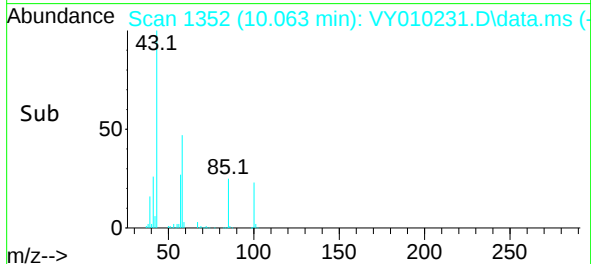
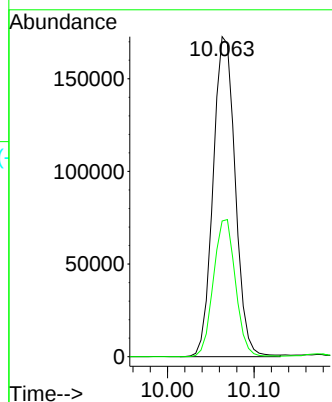
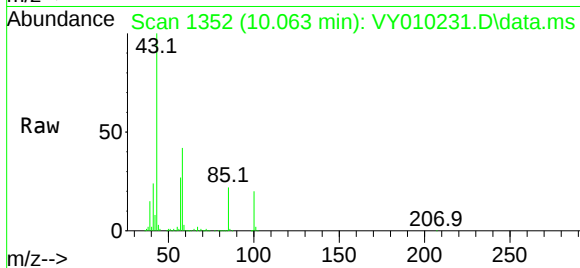




#51
4-Methyl-2-Pentanone
Concen: 240.597 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

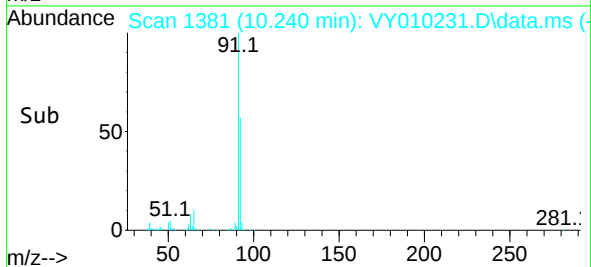
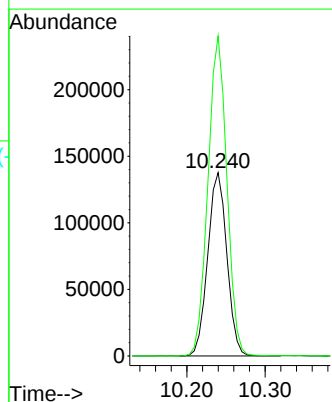
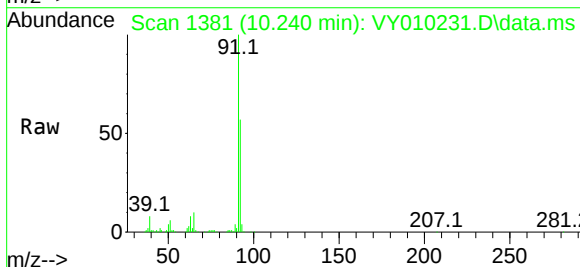
Instrument :
MSVOA_Y
ClientSampleId :
BFB

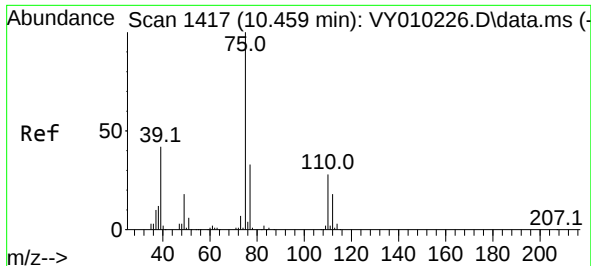
Tgt Ion: 43 Resp: 306841
Ion Ratio Lower Upper
43 100
58 42.7 28.1 42.1#



#52
Toluene
Concen: 51.008 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 92 Resp: 233078
Ion Ratio Lower Upper
92 100
91 172.7 142.6 213.8

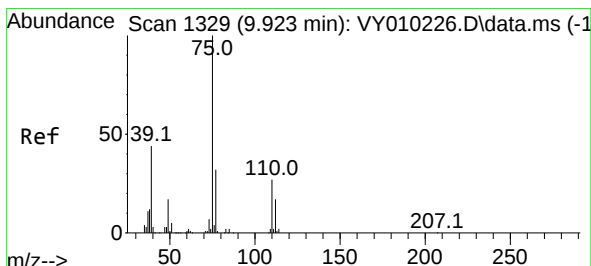
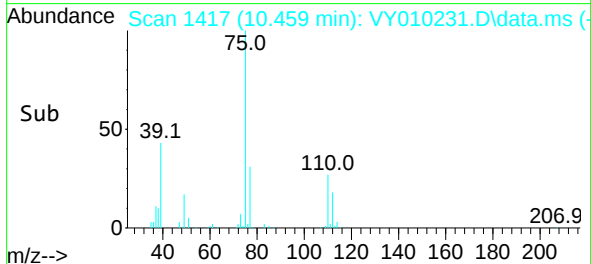
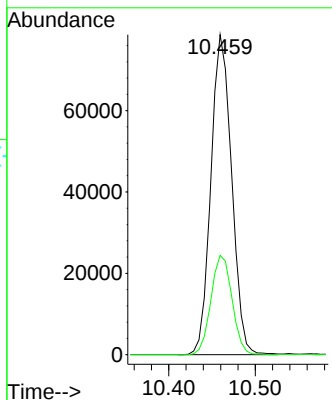
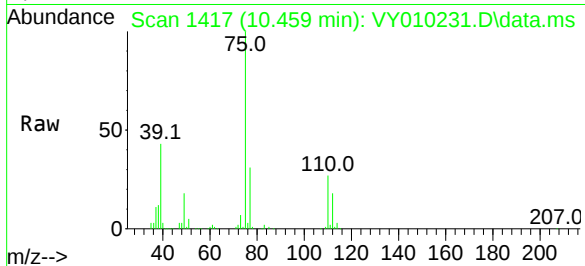




#53
 t-1,3-Dichloropropene
 Concen: 49.403 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

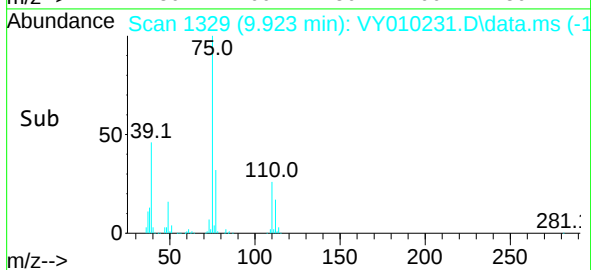
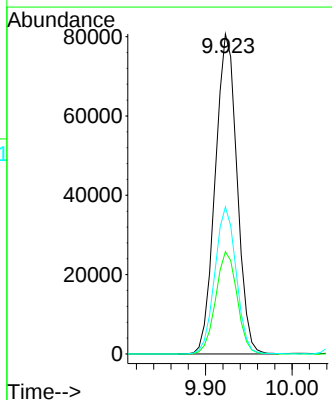
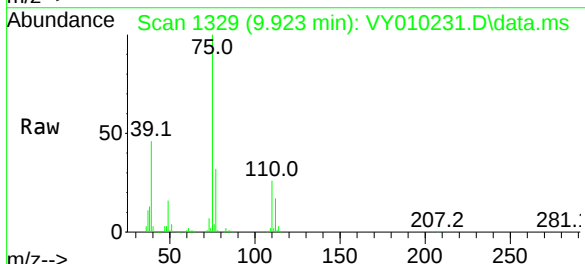
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

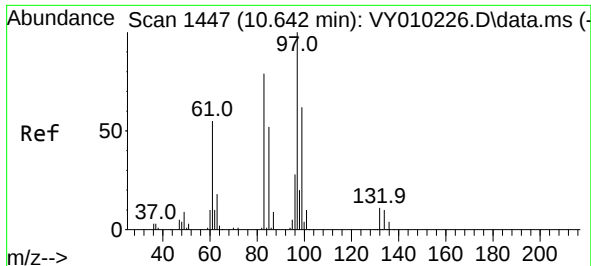
Tgt Ion: 75 Resp: 130900
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.553 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

Tgt Ion: 75 Resp: 141016
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 46.0 47.6 71.4#

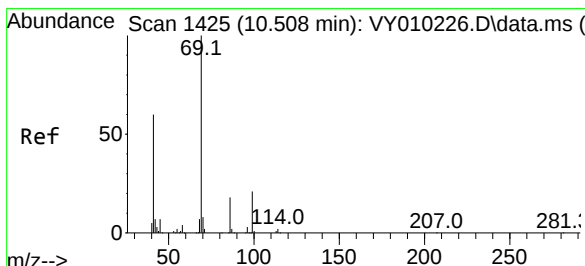
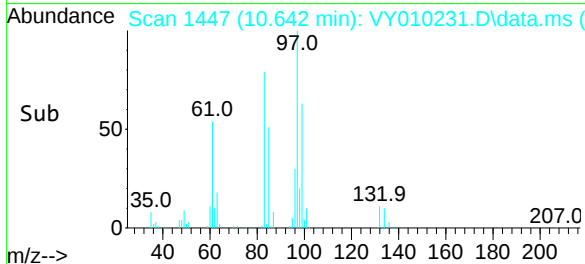
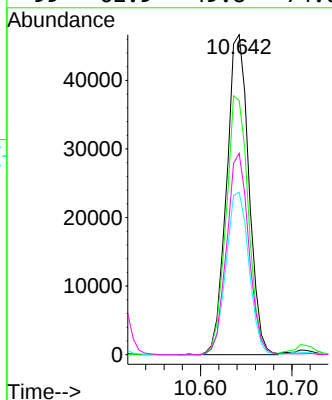
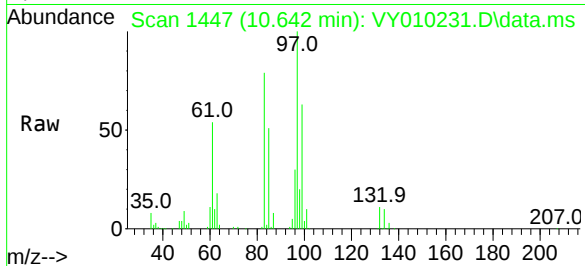




#55
1,1,2-Trichloroethane
Concen: 49.608 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

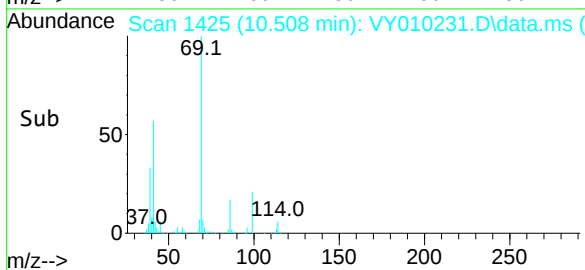
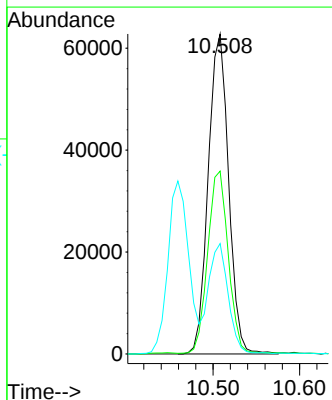
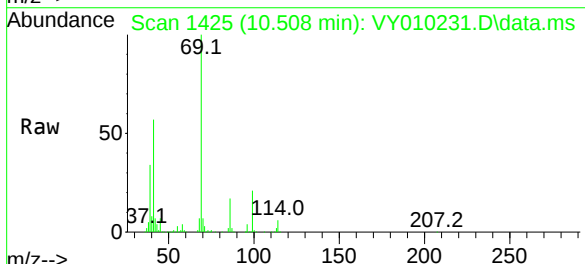
Instrument :
MSVOA_Y
ClientSampleId :
BFB

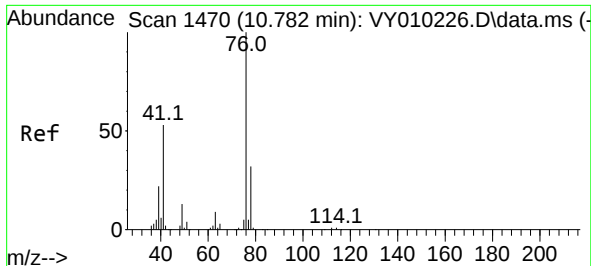
Tgt Ion:	97	Resp:	78924
Ion	Ratio	Lower	Upper
97	100		
83	79.4	69.8	104.8
85	50.8	44.3	66.5
99	62.9	49.8	74.6



#56
Ethyl methacrylate
Concen: 49.591 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:	69	Resp:	102602
Ion	Ratio	Lower	Upper
69	100		
41	57.4	63.4	95.0#
39	33.4	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 47.836 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

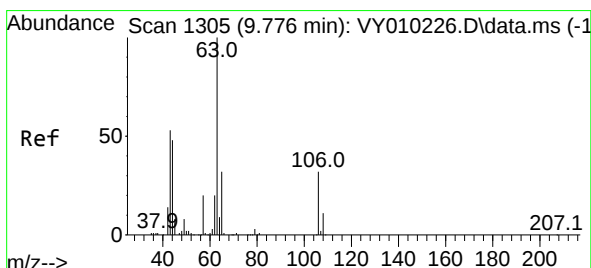
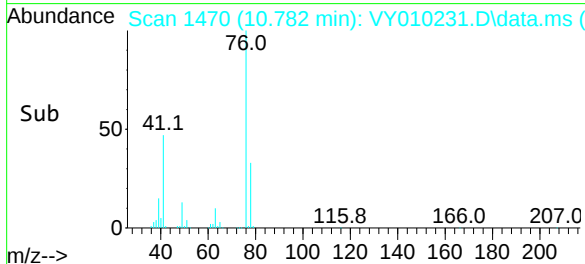
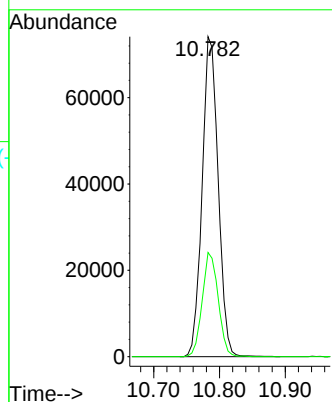
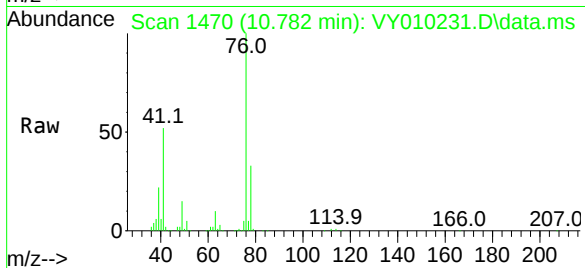
BFB

Tgt Ion: 76 Resp: 125472

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 218.943 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.001 min

Lab File: VY010231.D

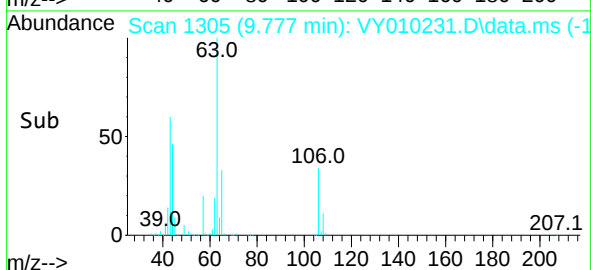
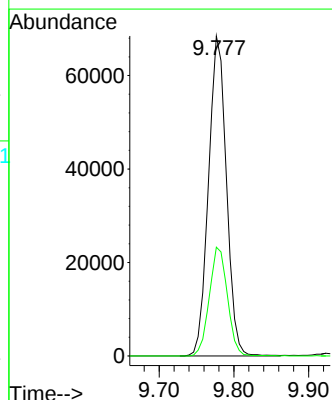
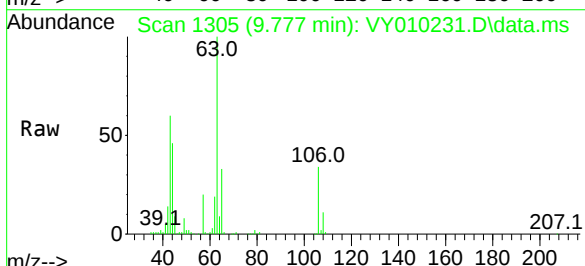
Acq: 30 Aug 2022 20:34

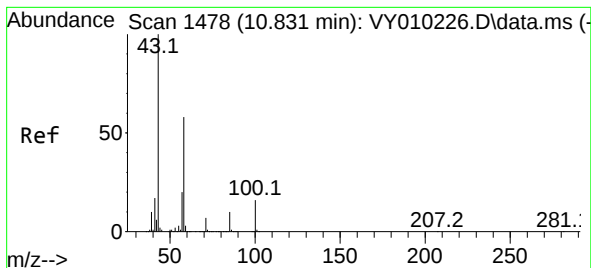
Tgt Ion: 63 Resp: 113956

Ion Ratio Lower Upper

63 100

106 34.4 21.5 32.3#

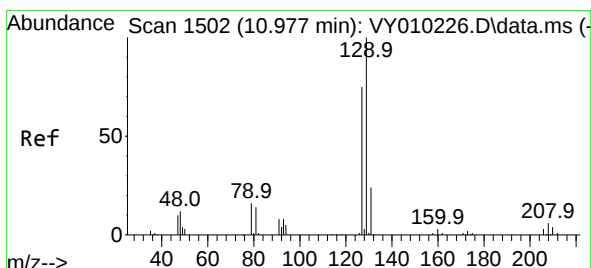
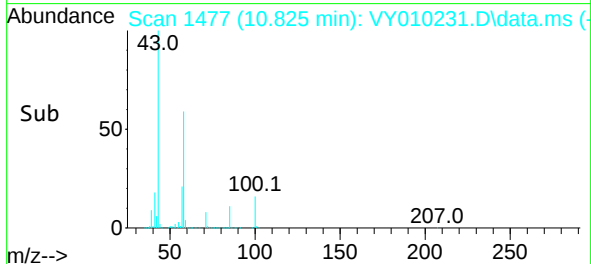
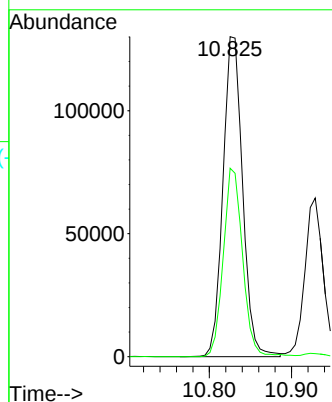
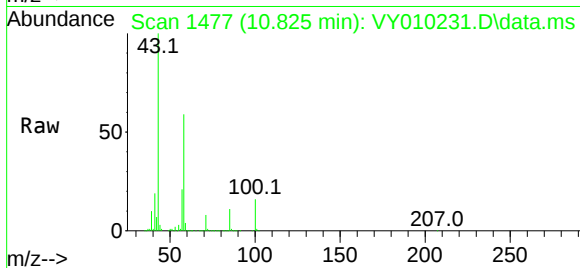




#59
2-Hexanone
Concen: 221.616 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

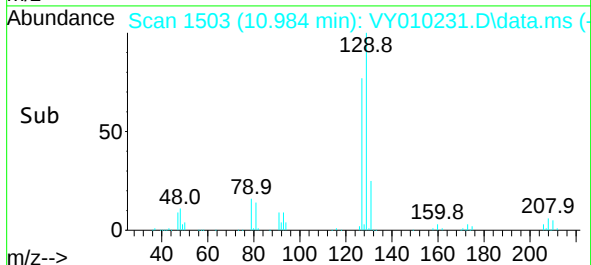
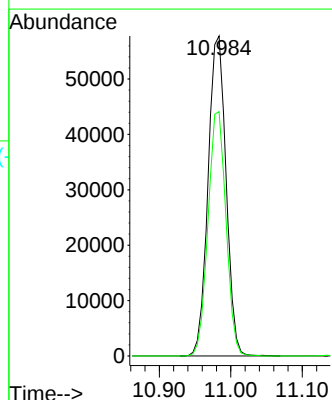
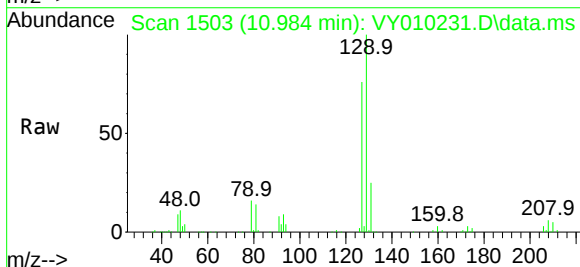
Instrument :
MSVOA_Y
ClientSampleId :
BFB

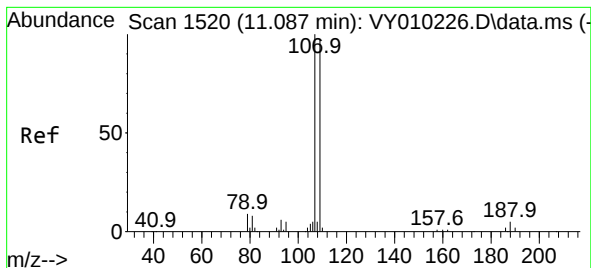
Tgt Ion: 43 Resp: 215666
Ion Ratio Lower Upper
43 100
58 58.0 24.4 73.4



#60
Dibromochloromethane
Concen: 50.652 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 129 Resp: 100959
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1

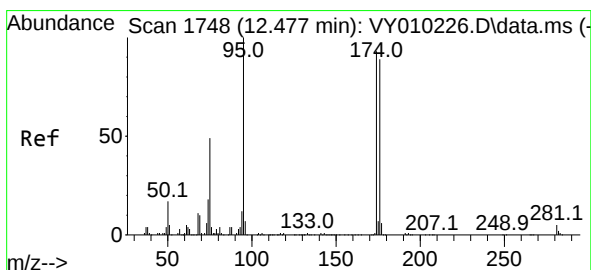
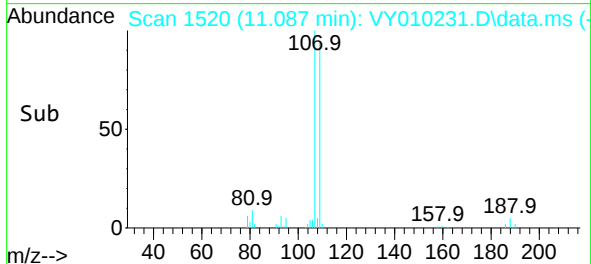
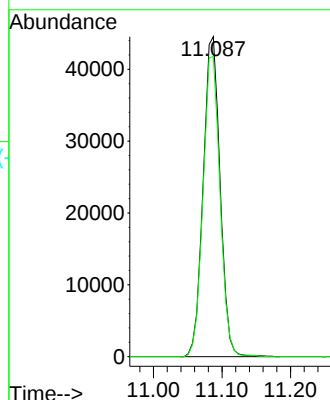
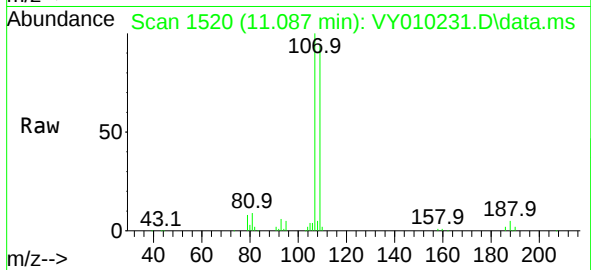




#61
1,2-Dibromoethane
Concen: 48.772 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

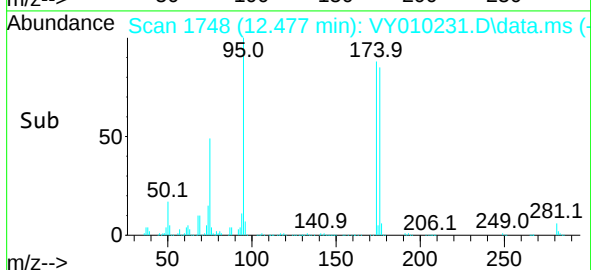
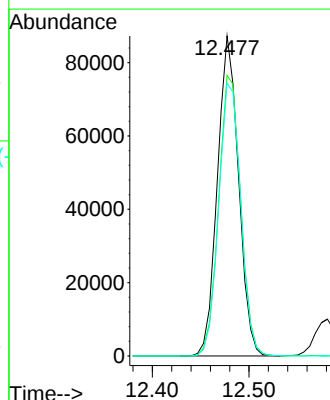
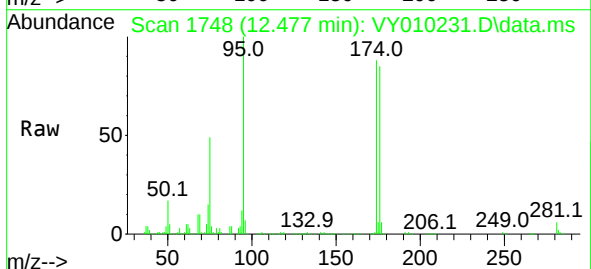
Instrument :
MSVOA_Y
ClientSampleId :
BFB

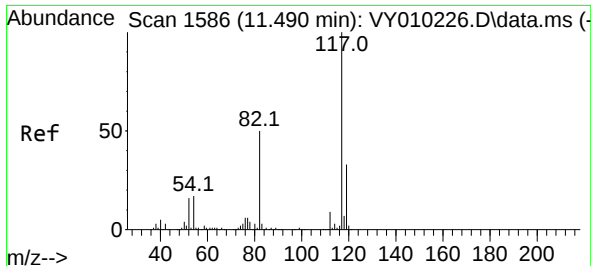
Tgt Ion:107 Resp: 76528
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 60.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 95 Resp: 132097
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 88.9 0.0 175.8

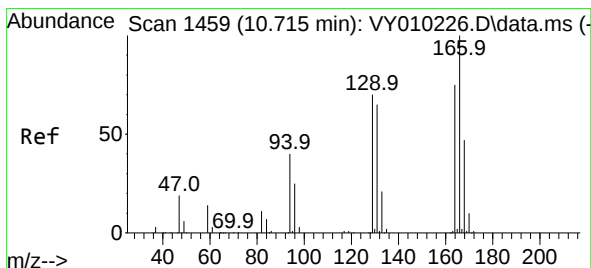
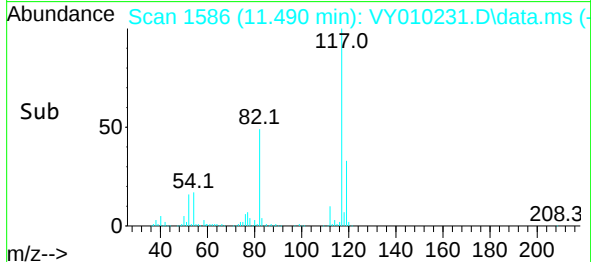
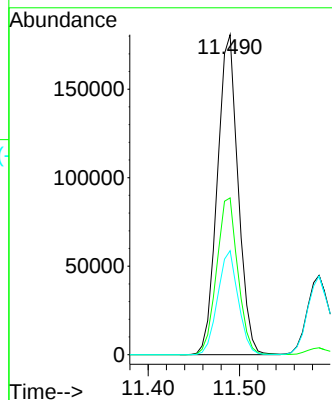
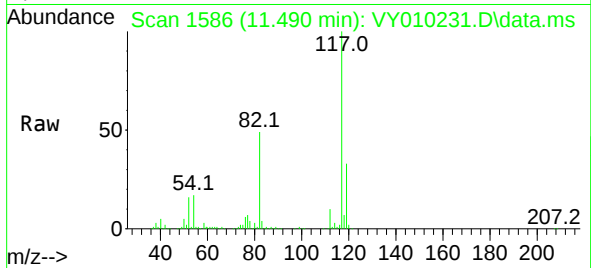




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

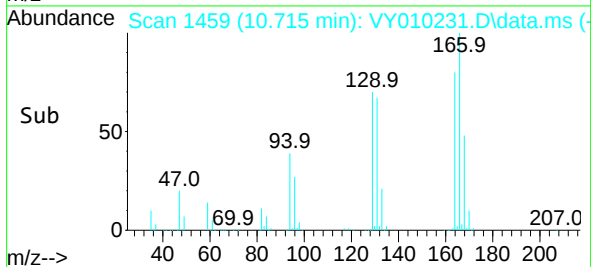
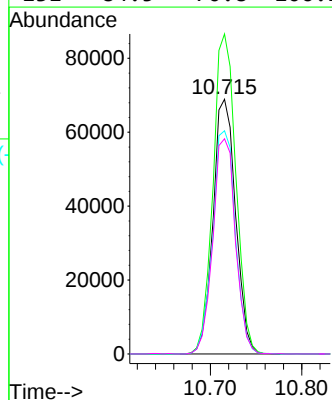
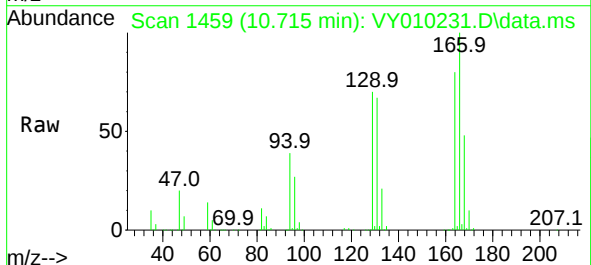
Instrument :
MSVOA_Y
ClientSampleId :
BFB

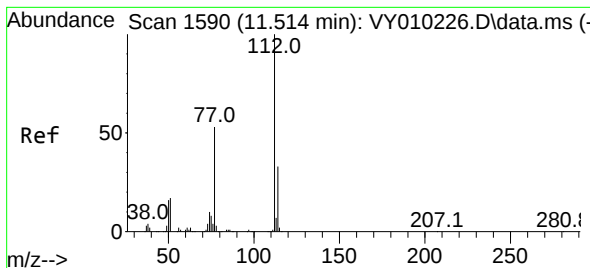
Tgt Ion:117 Resp: 285739
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 47.936 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:164 Resp: 118246
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 87.6 71.4 107.0
131 84.5 70.8 106.2





#65

Chlorobenzene

Concen: 51.781 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

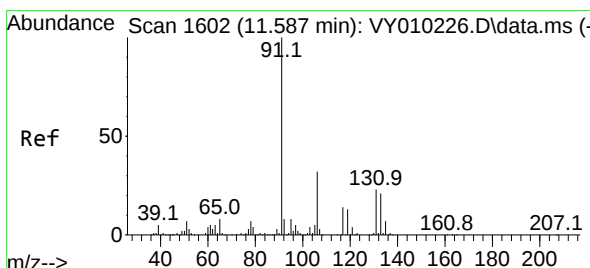
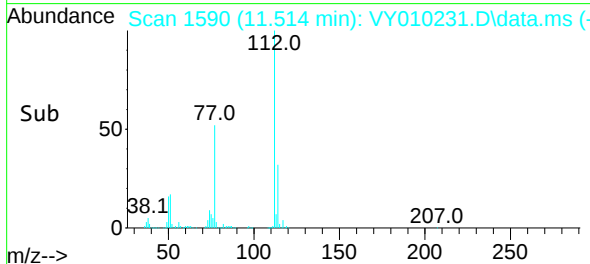
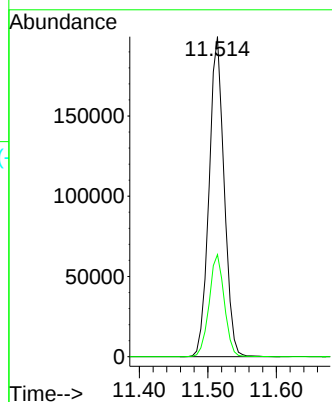
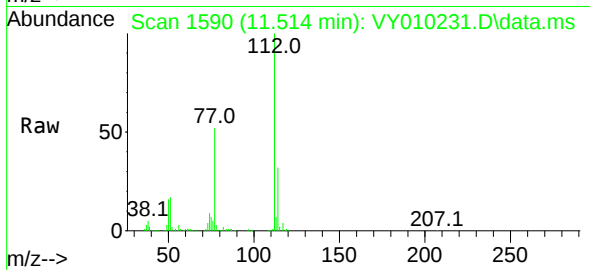
BFB

Tgt Ion:112 Resp: 304931

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.109 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

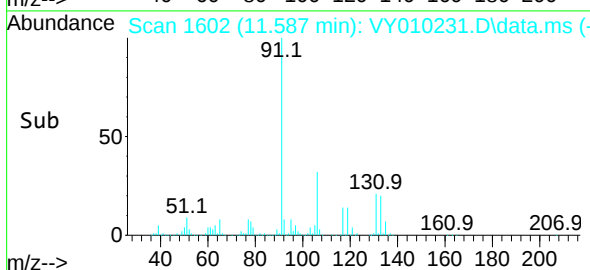
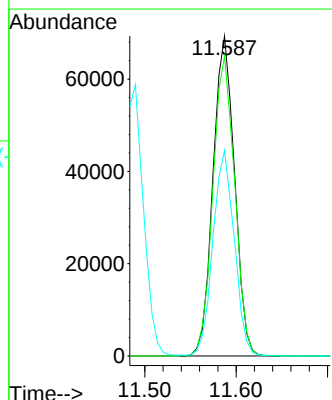
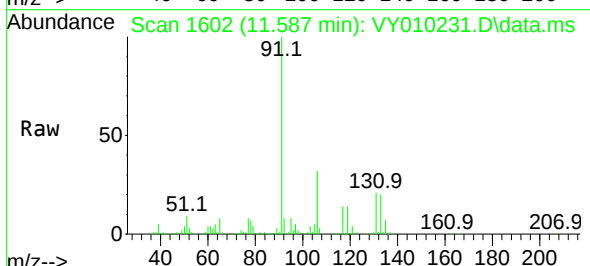
Tgt Ion:131 Resp: 113590

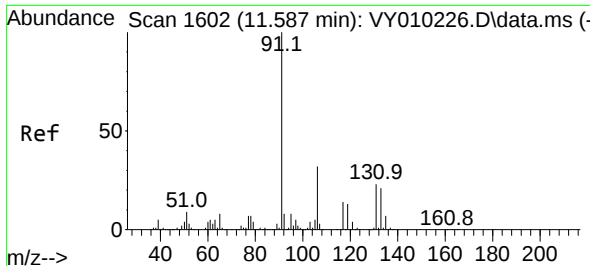
Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

119 63.9 30.8 92.3

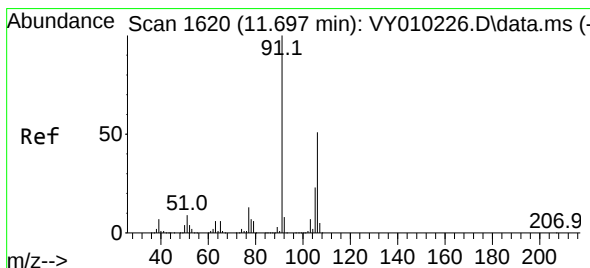
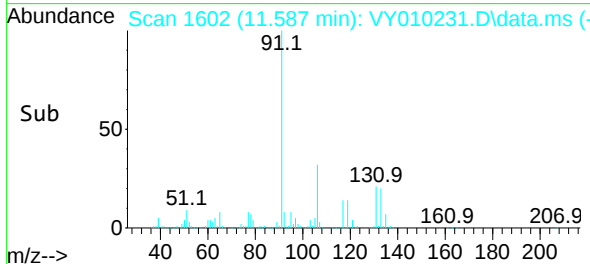
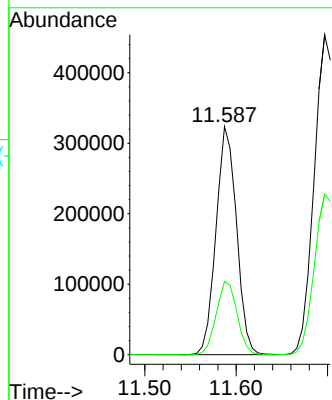
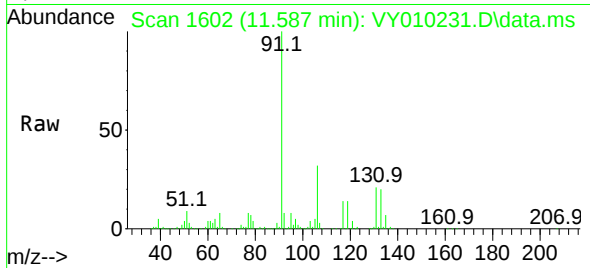




#67
Ethyl Benzene
Concen: 50.334 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

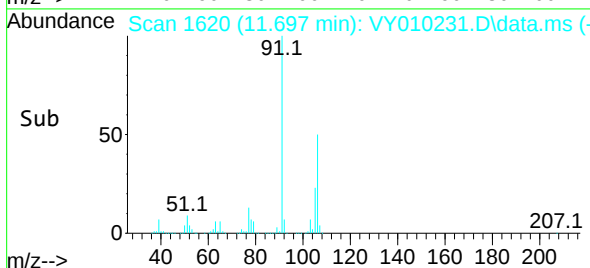
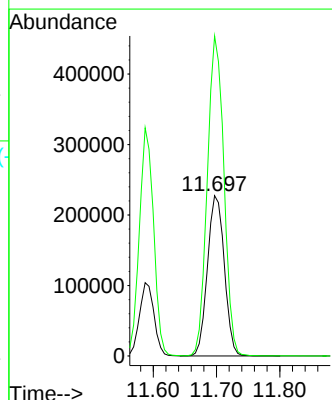
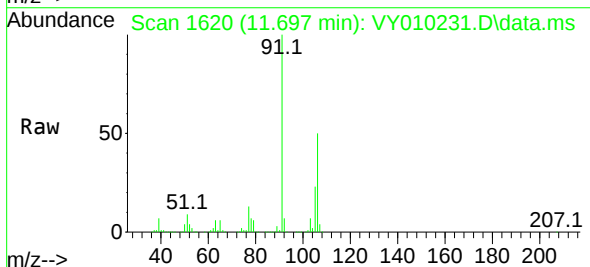
Instrument :
MSVOA_Y
ClientSampleId :
BFB

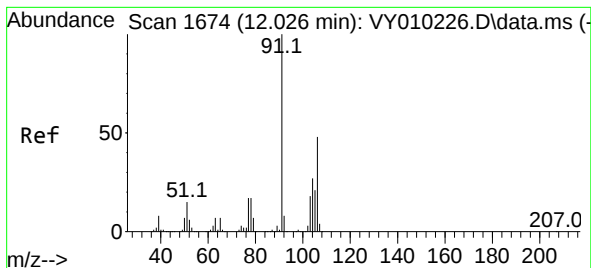
Tgt Ion: 91 Resp: 505683
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 105.309 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:106 Resp: 422010
Ion Ratio Lower Upper
106 100
91 196.4 166.6 249.8

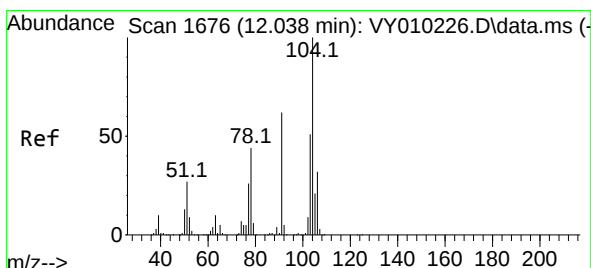
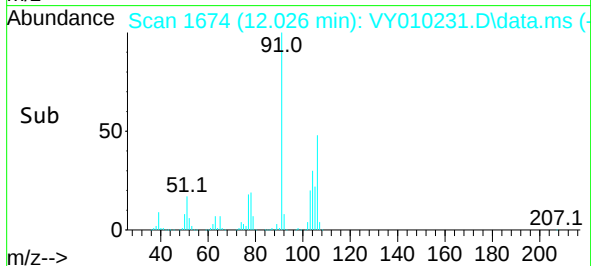
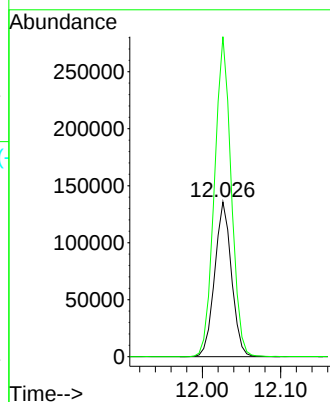
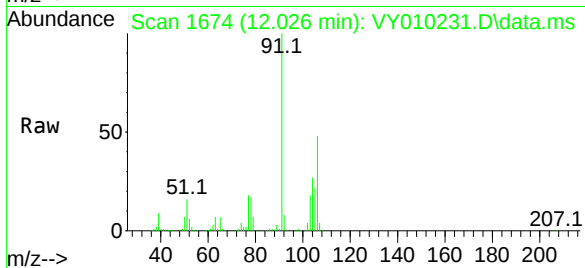




#69
o-Xylene
Concen: 54.197 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

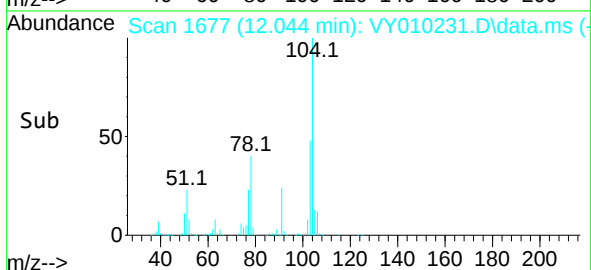
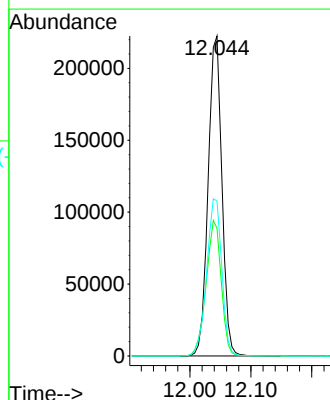
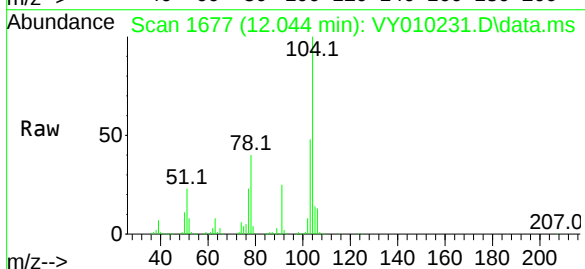
Instrument :
MSVOA_Y
ClientSampleId :
BFB

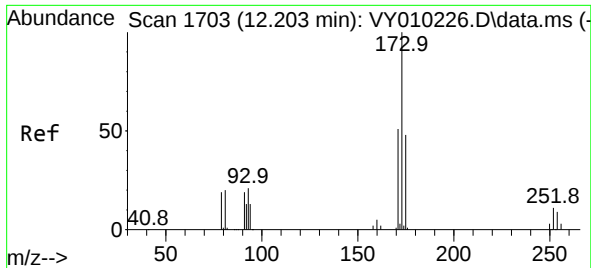
Tgt Ion:106 Resp: 202119
Ion Ratio Lower Upper
106 100
91 206.5 110.3 331.0



#70
Styrene
Concen: 55.810 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:104 Resp: 348967
Ion Ratio Lower Upper
104 100
78 46.5 42.4 63.6
103 54.1 44.4 66.6

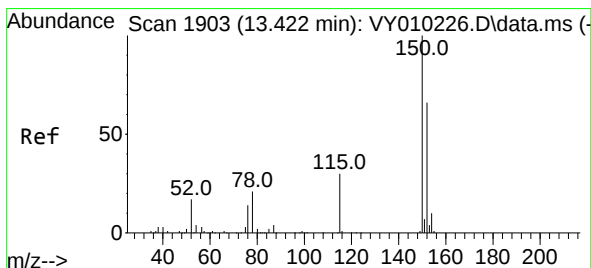
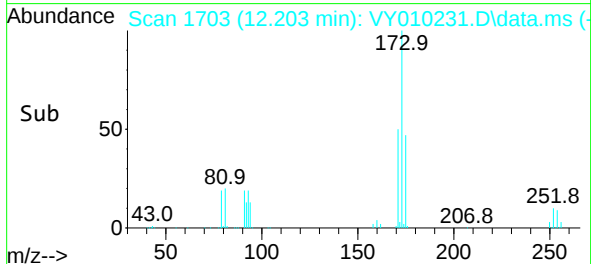
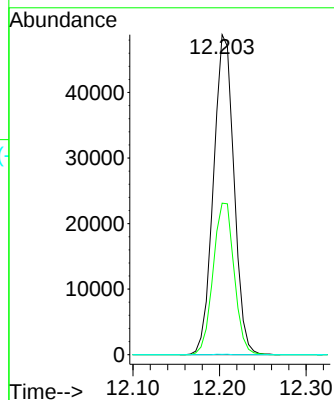
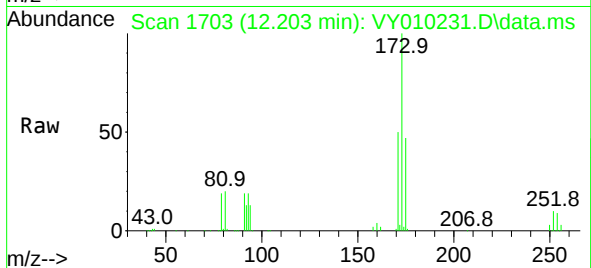




#71
Bromoform
Concen: 54.636 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

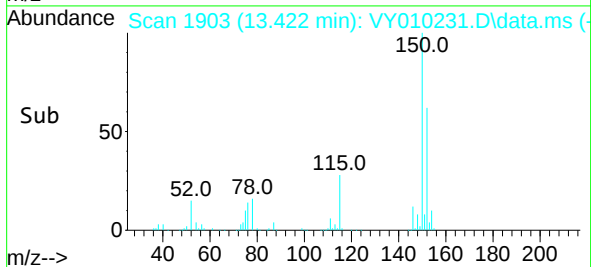
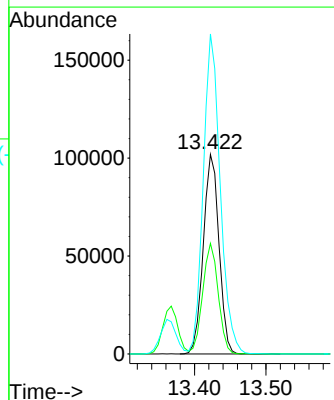
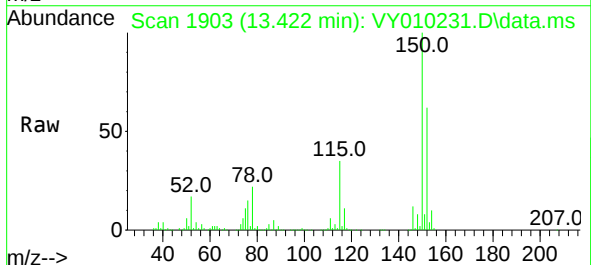
Instrument :
MSVOA_Y
ClientSampleId :
BFB

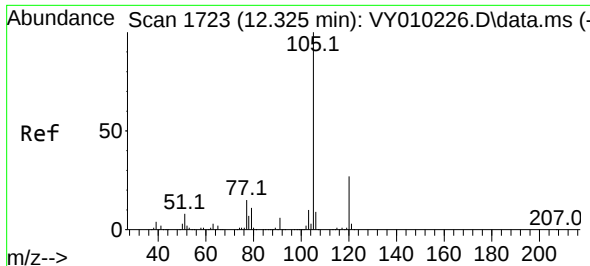
Tgt Ion:173 Resp: 80268
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:152 Resp: 155372
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 173.0 0.0 347.6

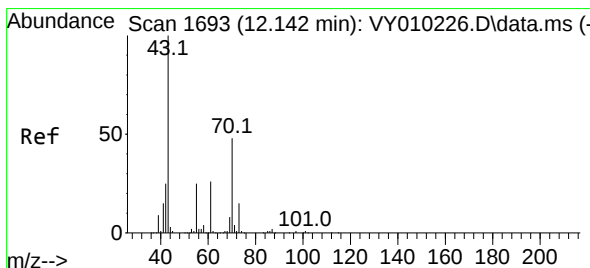
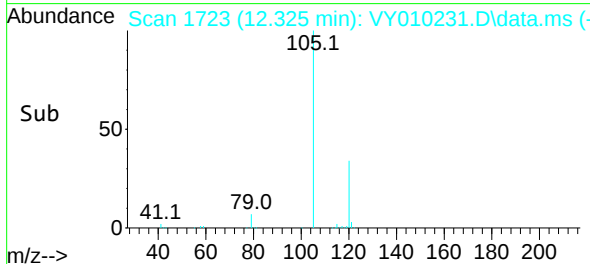
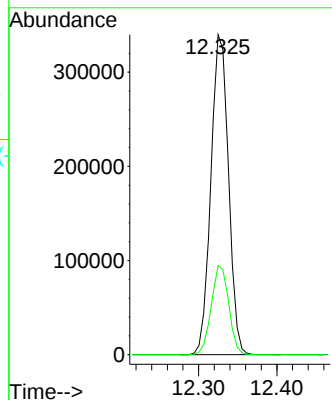
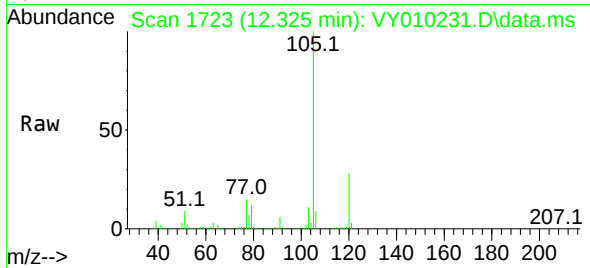




#73
Isopropylbenzene
Concen: 50.378 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

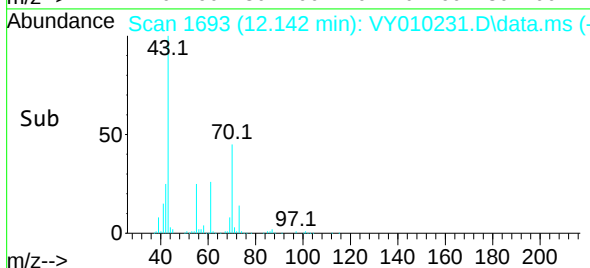
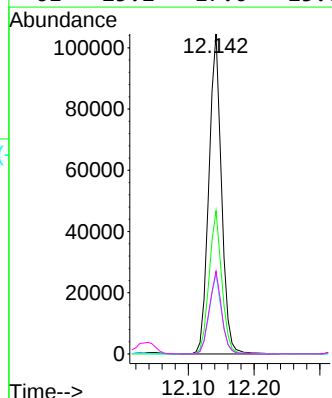
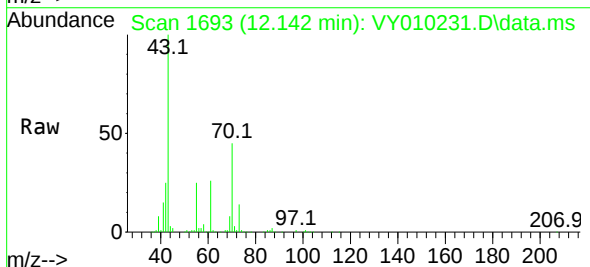
Instrument :
MSVOA_Y
ClientSampleId :
BFB

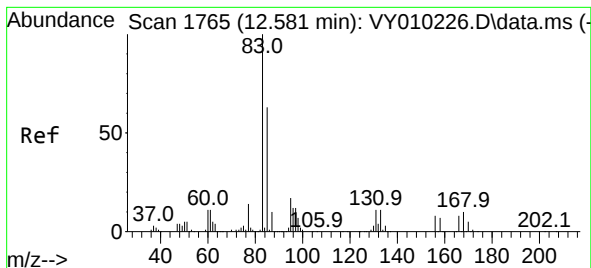
Tgt Ion:105 Resp: 529203
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 51.098 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 43 Resp: 139737
Ion Ratio Lower Upper
43 100
70 44.8 28.7 43.1#
55 24.6 17.3 25.9
61 25.2 17.0 25.6

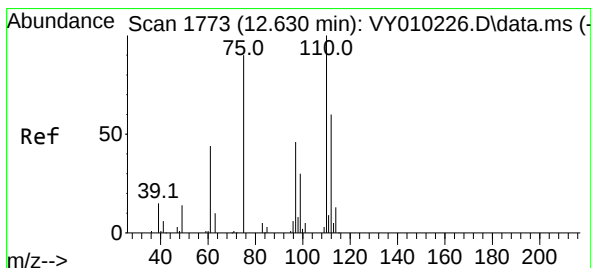
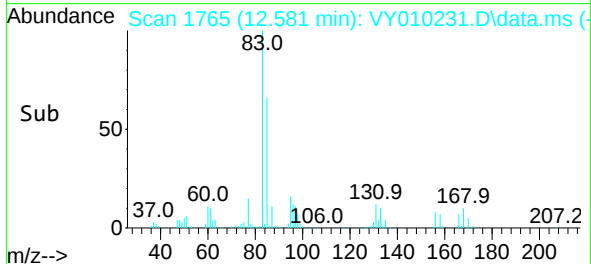
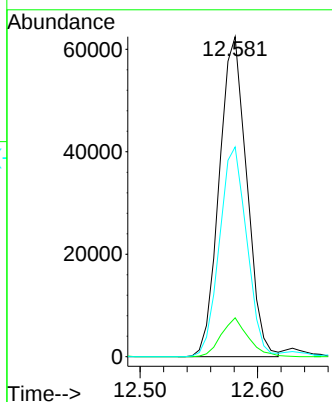
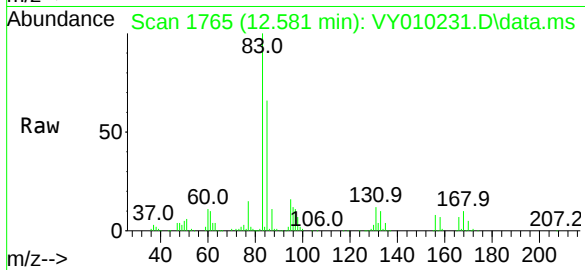




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.728 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

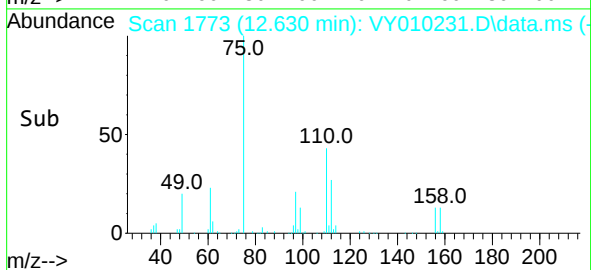
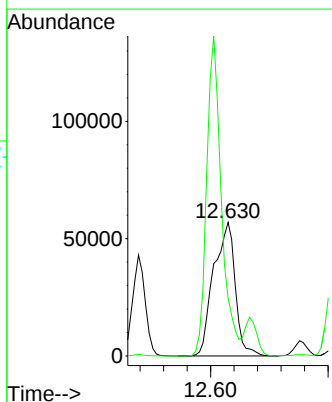
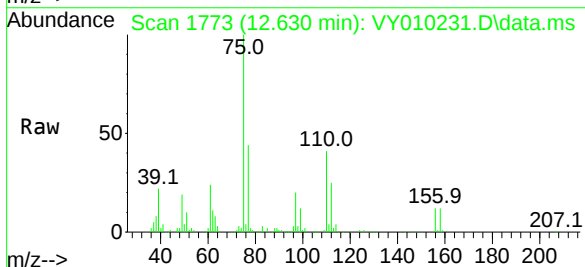
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

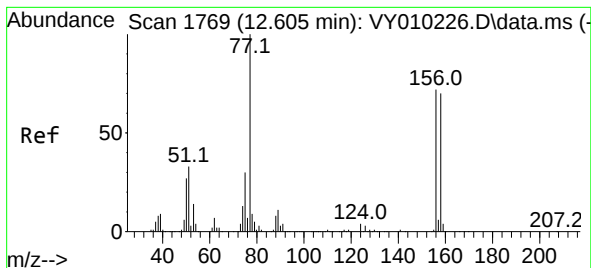
Tgt Ion: 83 Resp: 101640
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.6 16.8
 85 65.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 95.328 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY010231.D
 Acq: 30 Aug 2022 20:34

Tgt Ion: 75 Resp: 145639
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.707 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

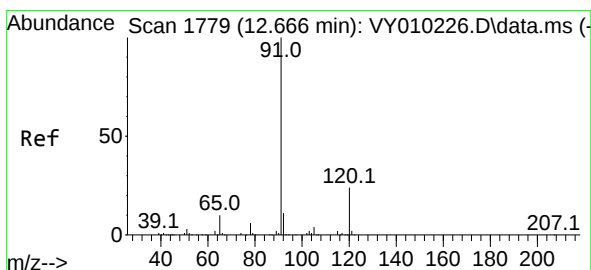
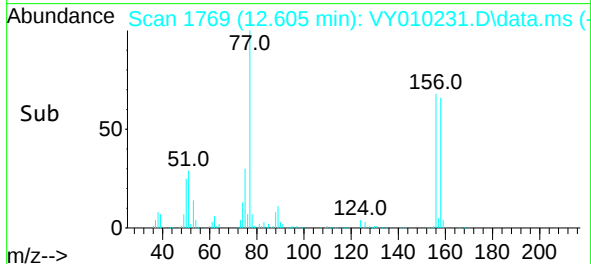
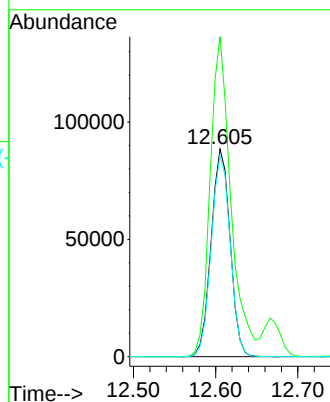
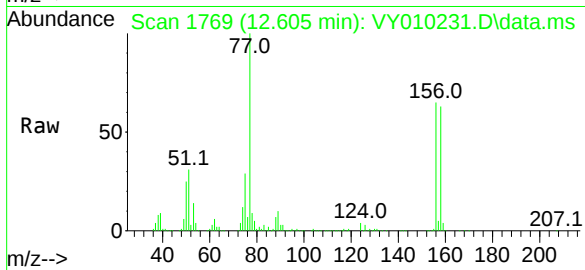
Tgt Ion:156 Resp: 141491

Ion Ratio Lower Upper

156 100

77 168.3 95.5 286.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 50.870 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY010231.D

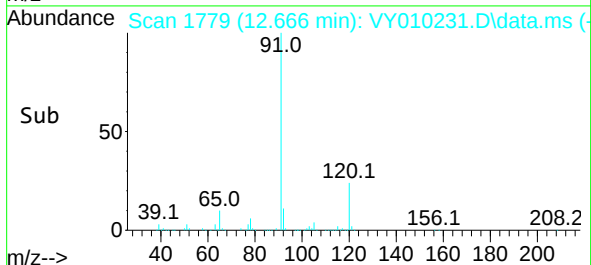
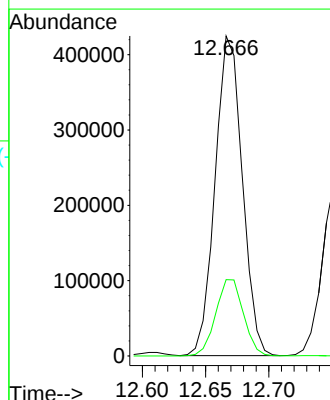
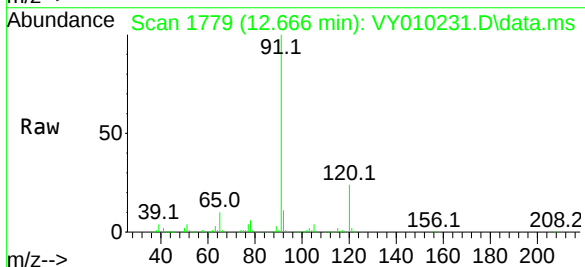
Acq: 30 Aug 2022 20:34

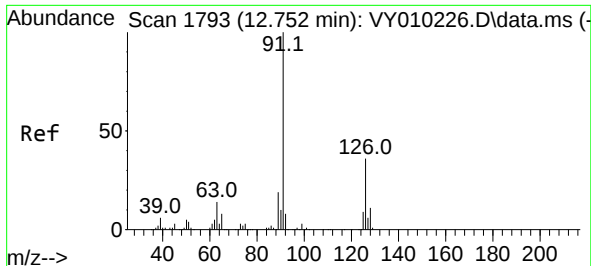
Tgt Ion: 91 Resp: 633807

Ion Ratio Lower Upper

91 100

120 24.4 11.3 33.9

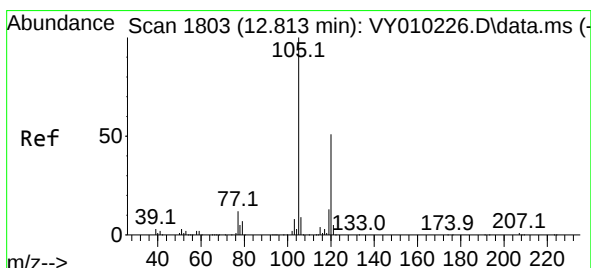
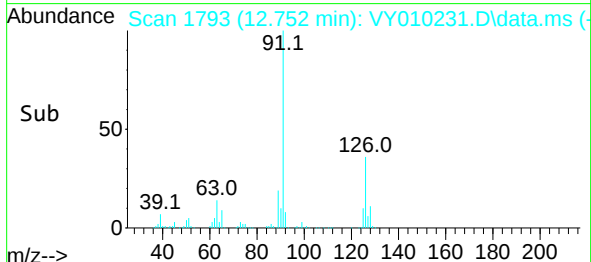
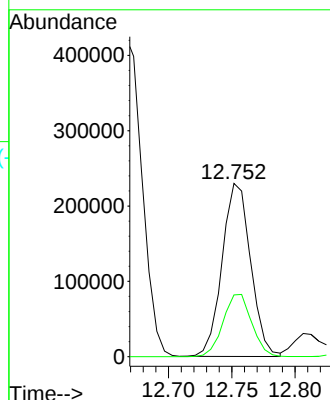
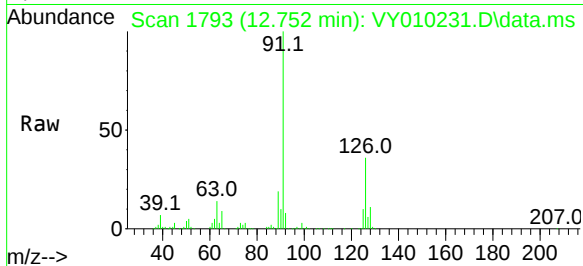




#79
2-Chlorotoluene
Concen: 50.140 ug/l
RT: 12.752 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

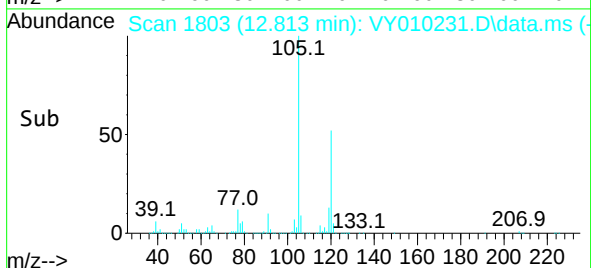
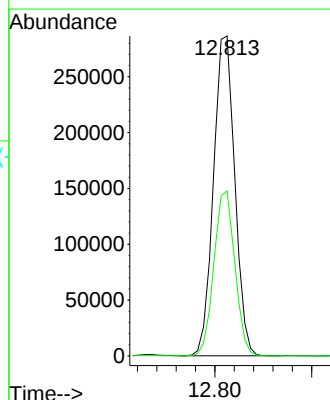
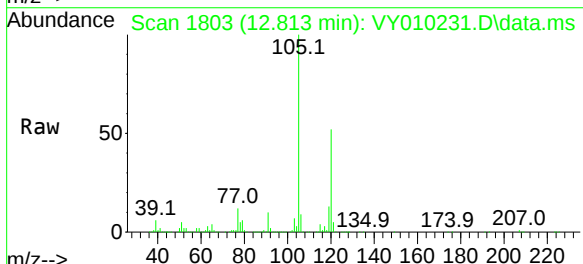
Instrument :
MSVOA_Y
ClientSampleId :
BFB

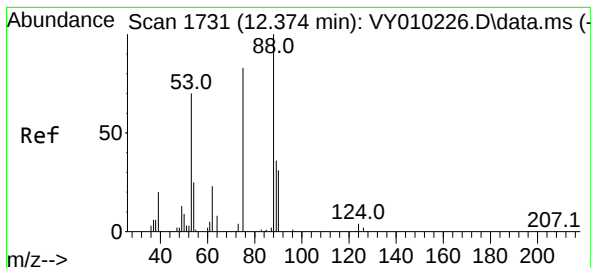
Tgt Ion: 91 Resp: 360365
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.106 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 105 Resp: 438196
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

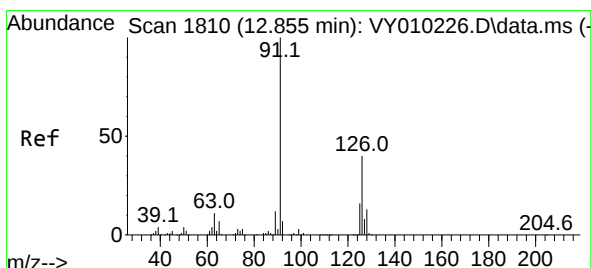
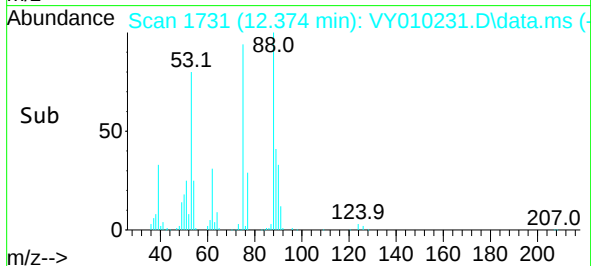
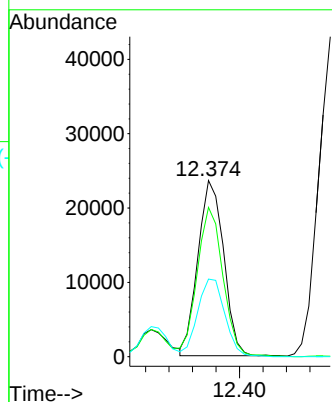
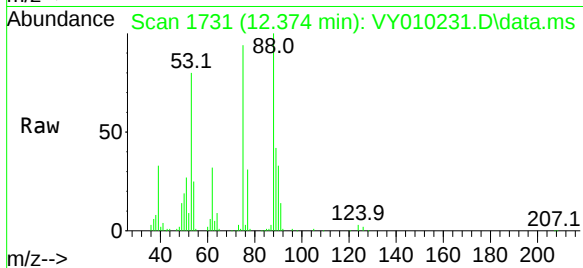




#81
trans-1,4-Dichloro-2-butene
Concen: 49.075 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

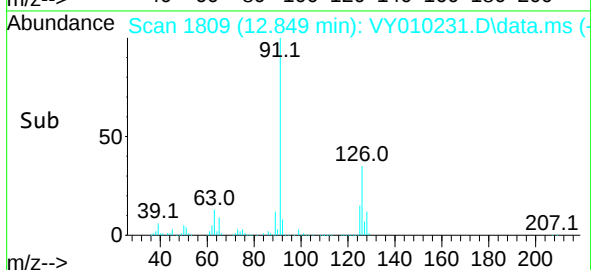
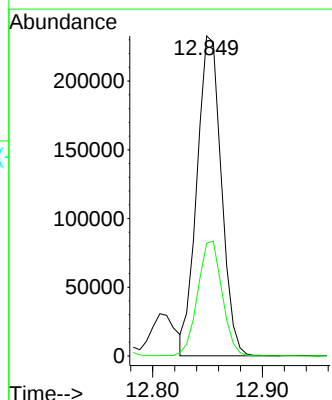
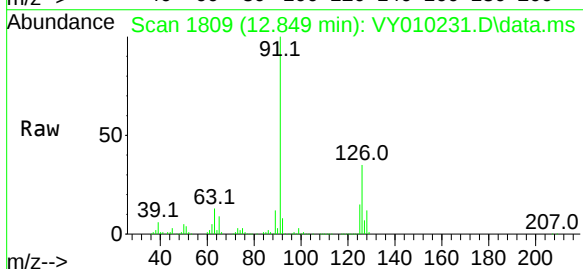
Instrument :
MSVOA_Y
ClientSampleId :
BFB

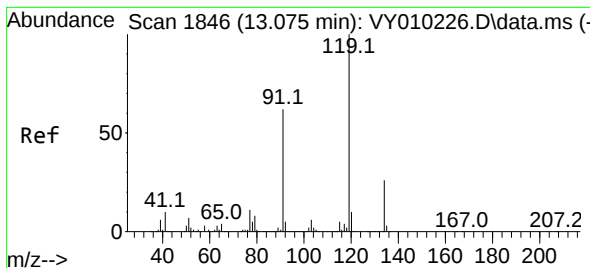
Tgt Ion: 75 Resp: 35937
Ion Ratio Lower Upper
75 100
53 86.6 85.3 127.9
89 46.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.664 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 91 Resp: 359397
Ion Ratio Lower Upper
91 100
126 36.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.771 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

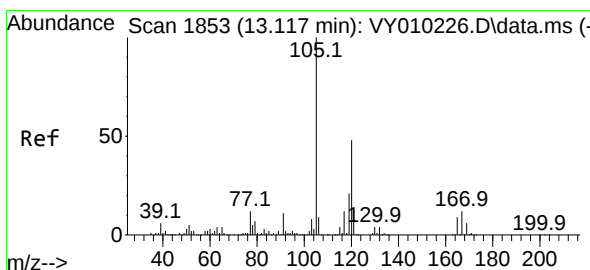
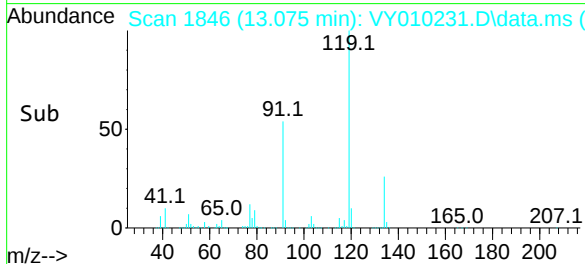
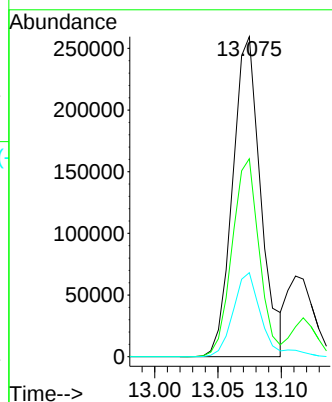
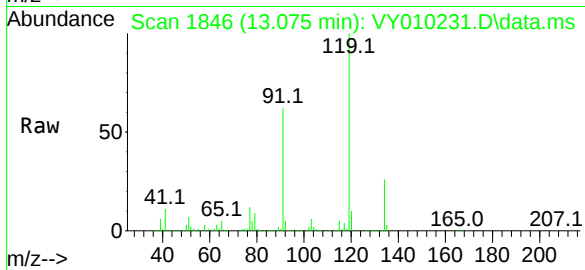
Tgt Ion:119 Resp: 400671

Ion Ratio Lower Upper

119 100

91 60.1 34.8 104.4

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.305 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010231.D

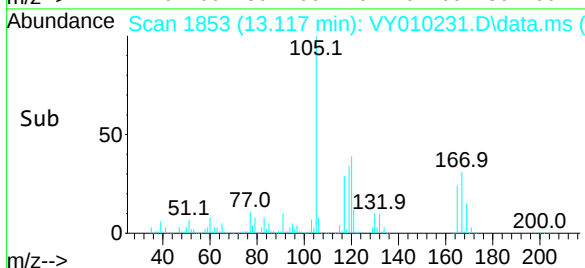
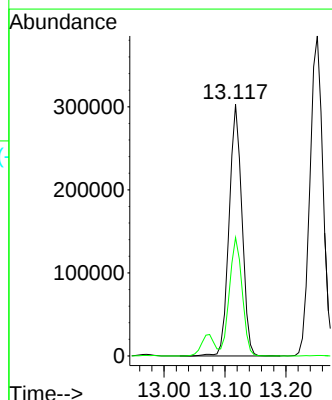
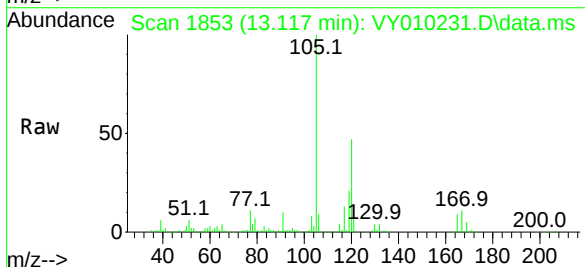
Acq: 30 Aug 2022 20:34

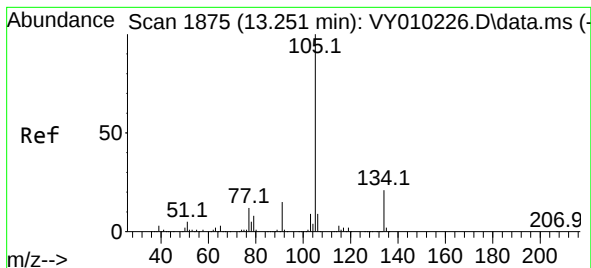
Tgt Ion:105 Resp: 440862

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.178 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

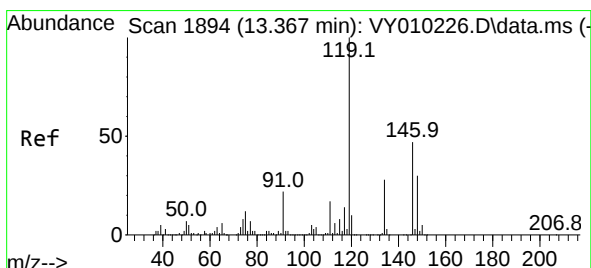
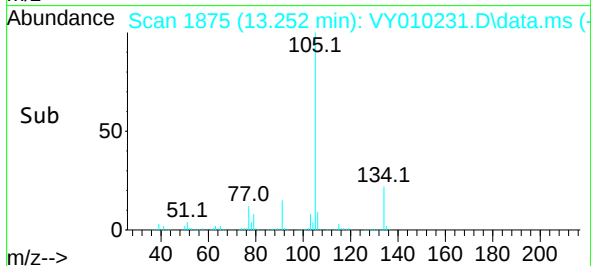
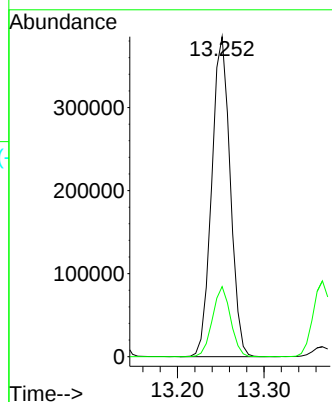
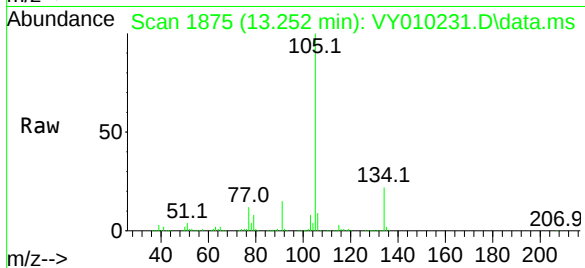
BFB

Tgt Ion:105 Resp: 570873

Ion Ratio Lower Upper

105 100

134 21.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.278 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

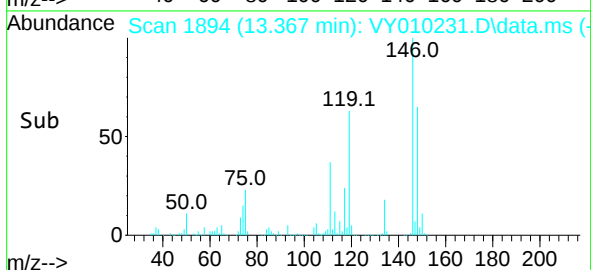
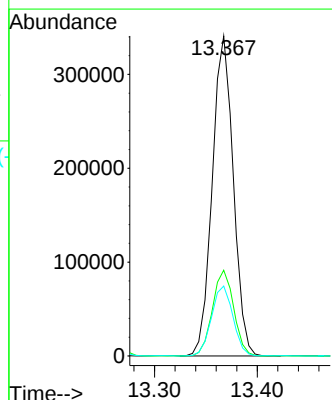
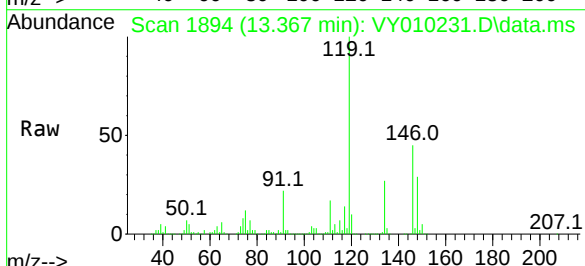
Tgt Ion:119 Resp: 483716

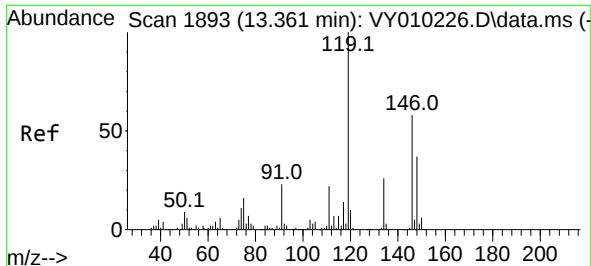
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 22.3 12.4 37.2

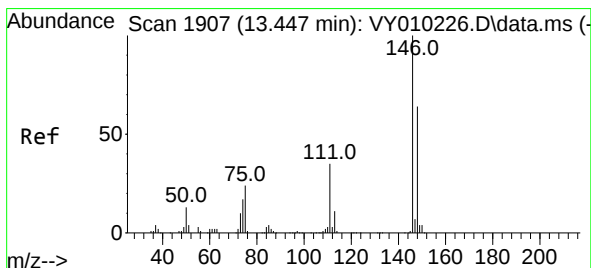
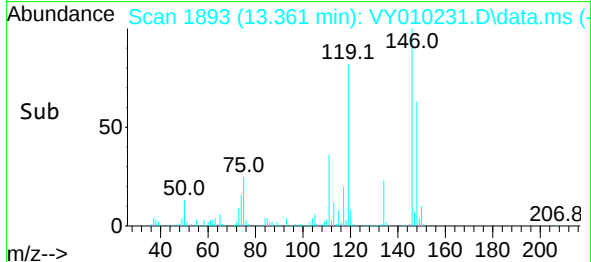
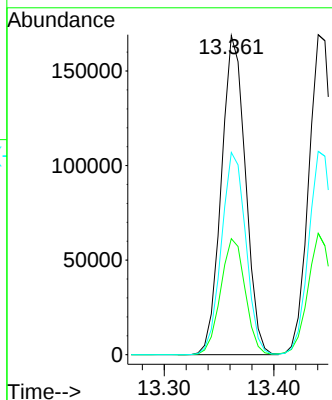
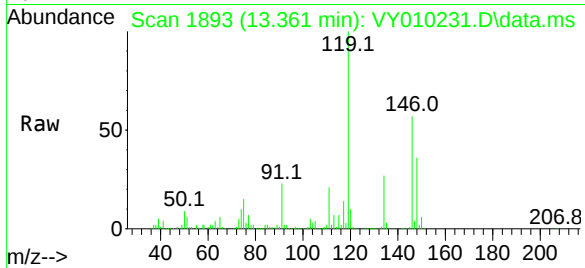




#87
1,3-Dichlorobenzene
Concen: 48.586 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

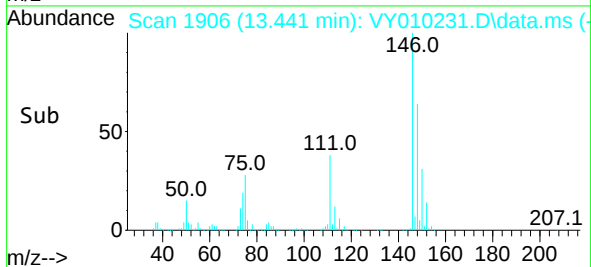
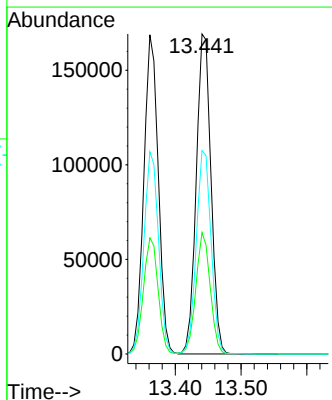
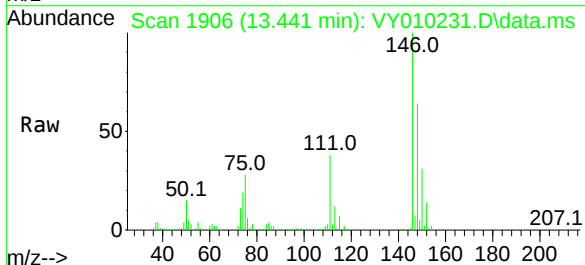
Instrument :
MSVOA_Y
ClientSampleId :
BFB

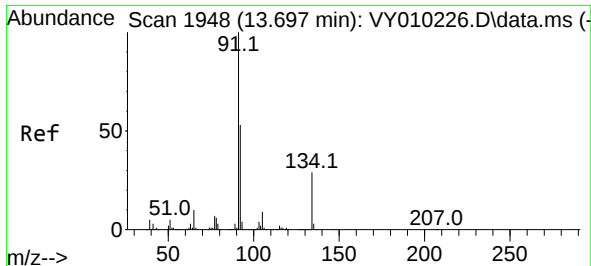
Tgt Ion:146 Resp: 257764
Ion Ratio Lower Upper
146 100
111 36.9 19.5 58.5
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 49.412 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion:146 Resp: 264120
Ion Ratio Lower Upper
146 100
111 36.8 19.3 57.8
148 63.8 32.6 97.8

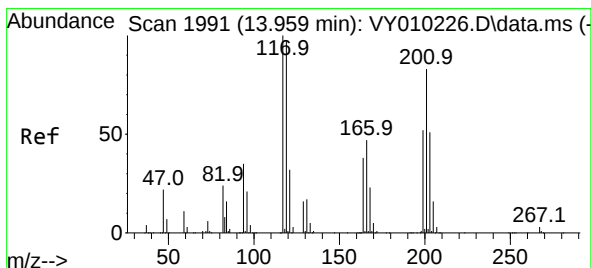
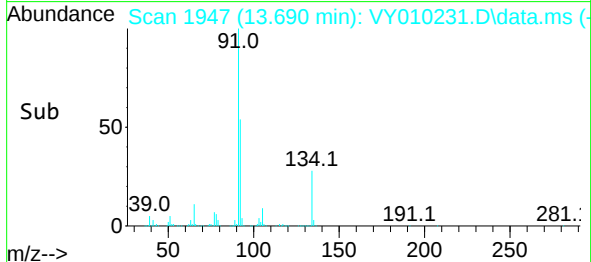
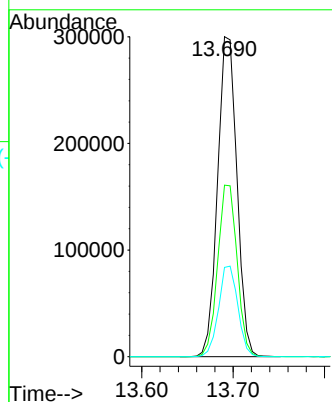
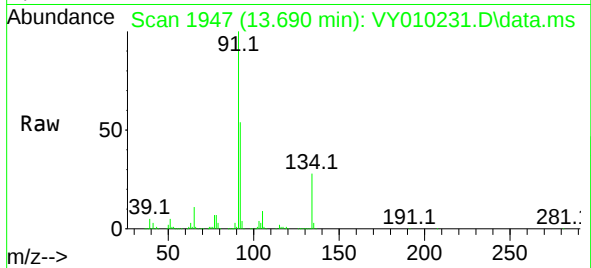




#89
n-Butylbenzene
Concen: 49.680 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

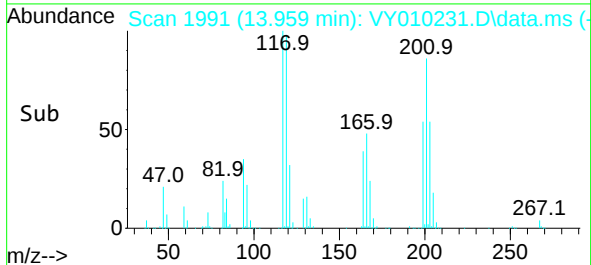
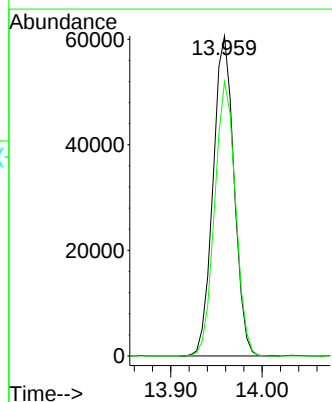
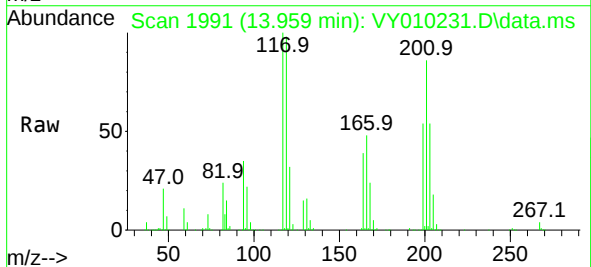
Instrument :
MSVOA_Y
ClientSampleId :
BFB

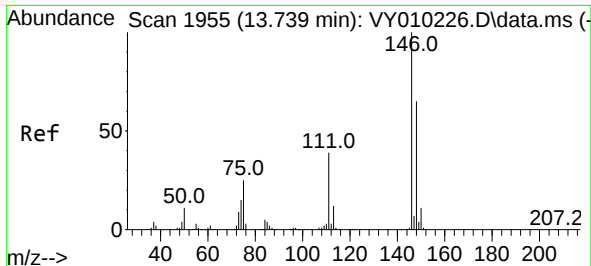
Tgt Ion: 91 Resp: 442492
Ion Ratio Lower Upper
91 100
92 53.8 26.3 78.9
134 28.2 13.0 38.9



#90
Hexachloroethane
Concen: 49.774 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 117 Resp: 96490
Ion Ratio Lower Upper
117 100
201 85.4 43.0 128.8

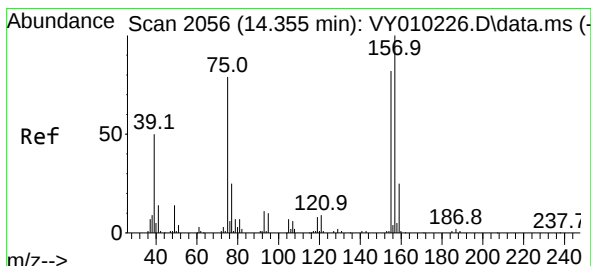
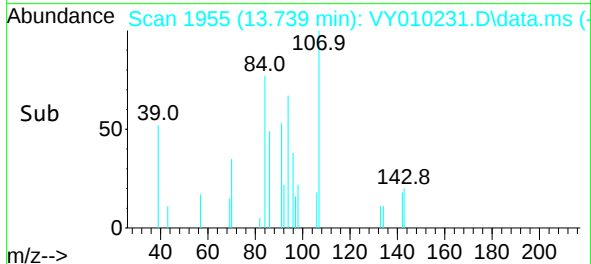
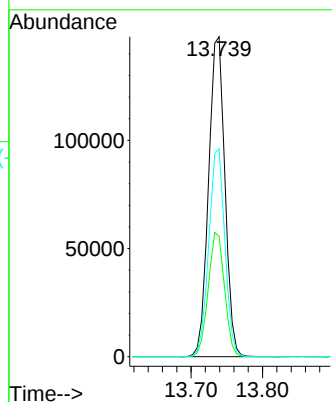
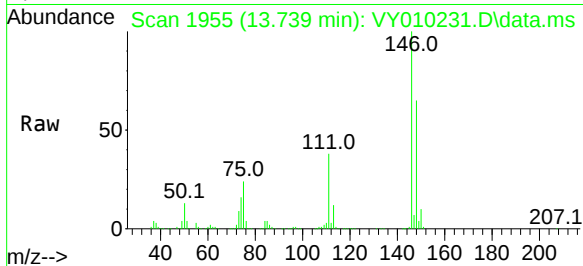




#91
1,2-Dichlorobenzene
Concen: 48.842 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

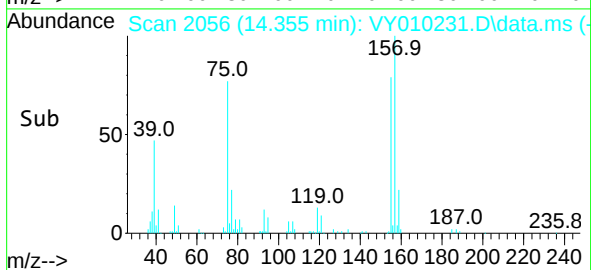
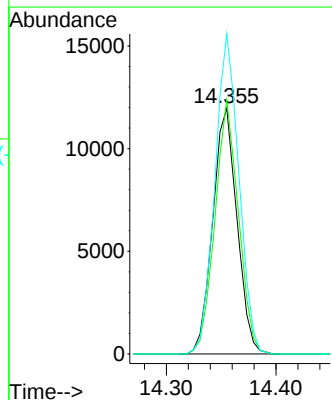
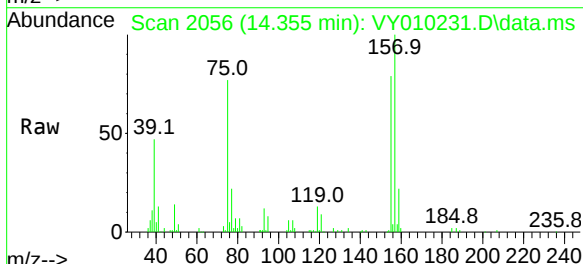
Instrument :
MSVOA_Y
ClientSampleId :
BFB

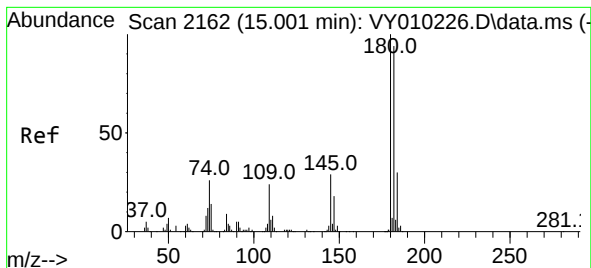
Tgt Ion:146 Resp: 234289
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.9
148 64.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.716 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY010231.D
Acq: 30 Aug 2022 20:34

Tgt Ion: 75 Resp: 18404
Ion Ratio Lower Upper
75 100
155 100.1 38.0 113.9
157 129.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 51.406 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

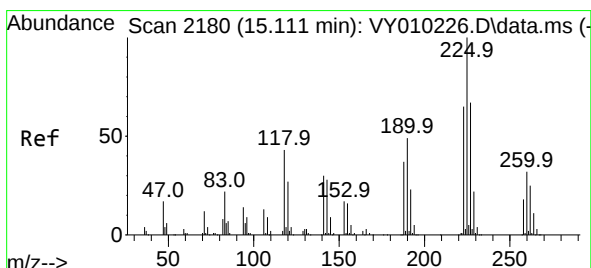
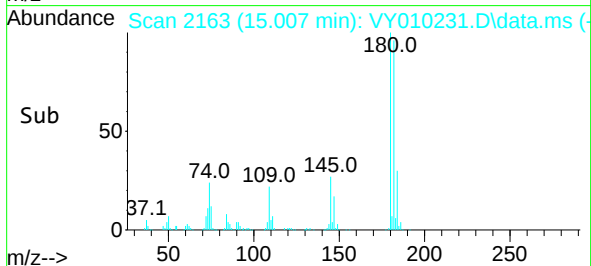
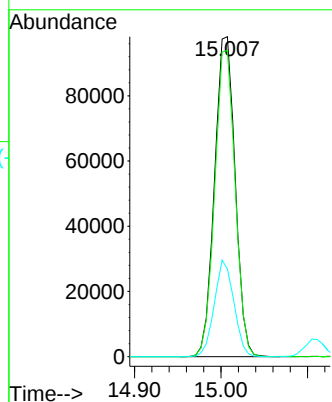
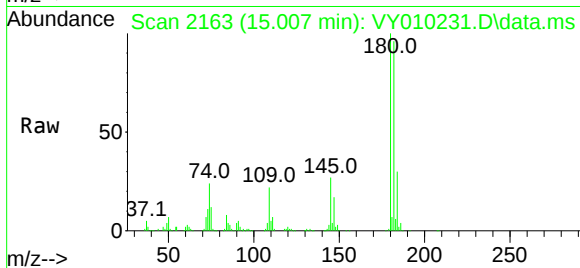
Tgt Ion:180 Resp: 161845

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.926 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

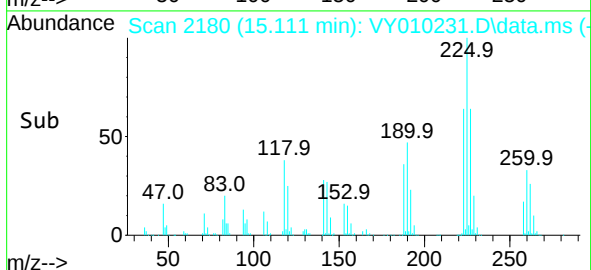
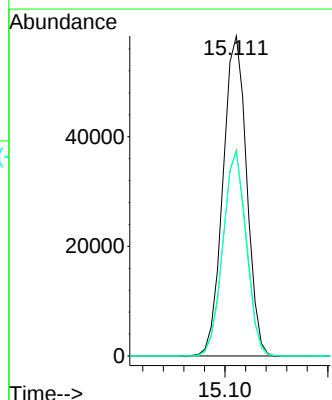
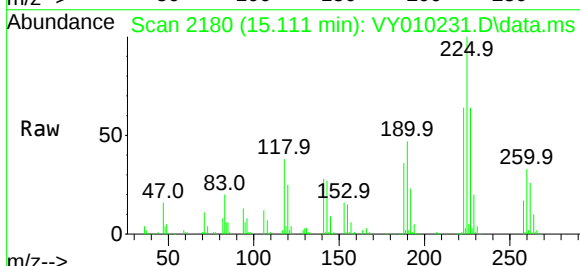
Tgt Ion:225 Resp: 93103

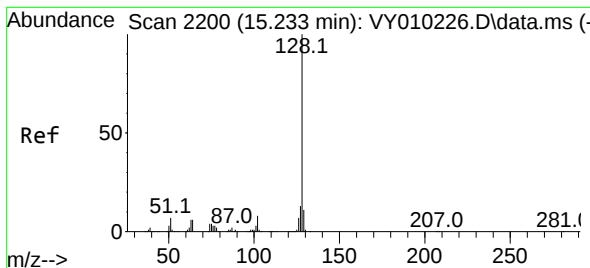
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 53.082 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Instrument :

MSVOA_Y

ClientSampleId :

BFB

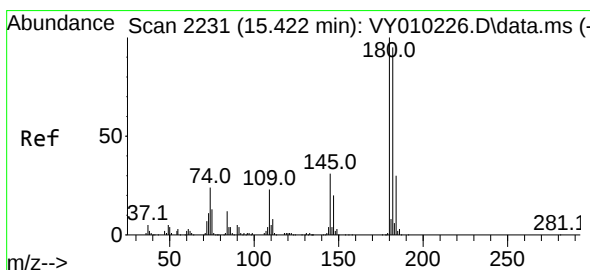
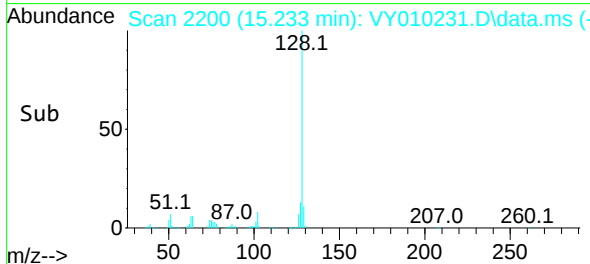
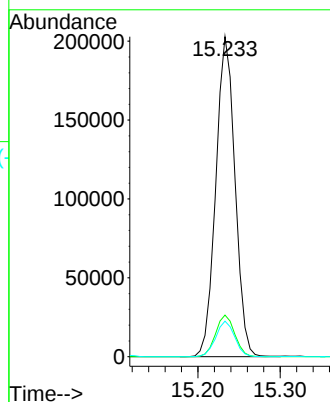
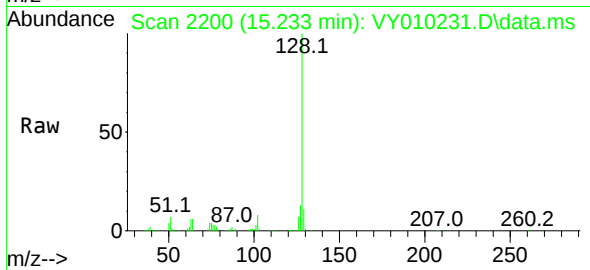
Tgt Ion:128 Resp: 329326

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.280 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY010231.D

Acq: 30 Aug 2022 20:34

Tgt Ion:180 Resp: 143255

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 31.0 15.3 45.9

