

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008452.D
 Acq On : 21 Apr 2022 19:45
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 05:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77250	47.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.716	113	79417	51.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.179	98	274120	45.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.500%
62) 4-Bromofluorobenzene	12.483	95	100340	48.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67663	53.381	ug/l	94
3) Chloromethane	2.113	50	71280	35.737	ug/l	95
4) Vinyl Chloride	2.253	62	93740	36.169	ug/l	99
5) Bromomethane	2.650	94	83406	34.611	ug/l	98
6) Chloroethane	2.796	64	63229	36.672	ug/l	94
7) Trichlorofluoromethane	3.125	101	138729	51.672	ug/l	92
8) Diethyl Ether	3.527	74	47001	50.865	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.899	101	82102	51.371	ug/l	93
10) Methyl Iodide	4.094	142	111452	52.829	ug/l #	88
11) Tert butyl alcohol	4.954	59	39467	235.905	ug/l	96
12) 1,1-Dichloroethene	3.875	96	78620	52.105	ug/l #	72
13) Acrolein	3.723	56	35808	204.785	ug/l	98
14) Allyl chloride	4.478	41	85949	43.641	ug/l #	88
15) Acrylonitrile	5.161	53	104812	221.841	ug/l	98
16) Acetone	3.948	43	74018	193.492	ug/l #	80
17) Carbon Disulfide	4.192	76	219541	48.127	ug/l	99
18) Methyl Acetate	4.478	43	43185	40.254	ug/l #	71
19) Methyl tert-butyl Ether	5.216	73	226230	47.385	ug/l	92
20) Methylene Chloride	4.716	84	99781	50.176	ug/l #	71
21) trans-1,2-Dichloroethene	5.222	96	89017	48.364	ug/l #	75
22) Diisopropyl ether	6.118	45	199291	41.903	ug/l #	89
23) Vinyl Acetate	6.057	43	691818	212.168	ug/l #	81
24) 1,1-Dichloroethane	6.015	63	134158	45.316	ug/l #	95
25) 2-Butanone	6.984	43	124668	210.655	ug/l #	70
26) 2,2-Dichloropropane	6.984	77	123286	44.963	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	104680	49.721	ug/l	76
28) Bromochloromethane	7.332	49	50815	42.552	ug/l #	53
29) Tetrahydrofuran	7.344	42	83043	217.861	ug/l #	66
30) Chloroform	7.508	83	154014	47.354	ug/l	99
31) Cyclohexane	7.783	56	113937	42.199	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	134594	47.261	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	112942	46.484	ug/l	94
37) Ethyl Acetate	7.076	43	59076	43.964	ug/l #	88
38) Carbon Tetrachloride	7.899	117	122686	48.599	ug/l	99
39) Methylcyclohexane	9.185	83	147015	47.257	ug/l #	85
40) Benzene	8.161	78	336215	47.431	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	76926	118.051	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	96278	45.114	ug/l	87
43) Isopropyl Acetate	8.270	43	109167	44.174	ug/l #	81
44) Trichloroethene	8.941	130	96050	49.183	ug/l	97
45) 1,2-Dichloropropane	9.215	63	80220	47.127	ug/l	97
46) Dibromomethane	9.307	93	56606	47.465	ug/l	97
47) Bromodichloromethane	9.496	83	120416	47.565	ug/l	99
48) Methyl methacrylate	9.295	41	46812	44.550	ug/l #	70
49) 1,4-Dioxane	9.295	88	15251	1014.143	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	289446	222.645	ug/l #	81
52) Toluene	10.246	92	223979	47.780	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	127258	46.874	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	140476	46.693	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	79020	48.547	ug/l	94
56) Ethyl methacrylate	10.508	69	102483	48.763	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	124192	46.740	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	267097	231.891	ug/l #	85
59) 2-Hexanone	10.831	43	200445	224.055	ug/l	78
60) Dibromochloromethane	10.983	129	94780	50.682	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80434	49.963	ug/l	99
64) Tetrachloroethene	10.721	164	81708	48.757	ug/l	97
65) Chlorobenzene	11.520	112	250824	49.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	95567	50.659	ug/l	97
67) Ethyl Benzene	11.593	91	422283	47.619	ug/l	96
68) m/p-Xylenes	11.703	106	343380	96.669	ug/l	89
69) o-Xylene	12.032	106	167995	49.125	ug/l	88
70) Styrene	12.044	104	280726	48.712	ug/l	93
71) Bromoform	12.209	173	62809	53.126	ug/l #	99
73) Isopropylbenzene	12.331	105	429395	47.446	ug/l	98
74) N-amyl acetate	12.142	43	97837	43.752	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	93742	46.359	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	114524	74.137	ug/l #	100
77) Bromobenzene	12.611	156	108545	49.178	ug/l	87
78) n-propylbenzene	12.672	91	497871	45.864	ug/l	96
79) 2-Chlorotoluene	12.757	91	279467	45.742	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	370663	49.343	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	30804	46.261	ug/l #	79
82) 4-Chlorotoluene	12.855	91	287629	45.430	ug/l	92
83) tert-Butylbenzene	13.075	119	316683	48.562	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	380643	51.069	ug/l	95
85) sec-Butylbenzene	13.251	105	460500	46.792	ug/l	97
86) p-Isopropyltoluene	13.367	119	390524	47.382	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	209700	47.456	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	210571	48.105	ug/l	98
89) n-Butylbenzene	13.696	91	342084	45.729	ug/l	96
90) Hexachloroethane	13.958	117	73574	49.652	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	189357	48.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14144	46.544	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	102819	47.012	ug/l	99
94) Hexachlorobutadiene	15.111	225	49535	46.419	ug/l	99
95) Naphthalene	15.239	128	243212	49.053	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	88608	46.287	ug/l	98

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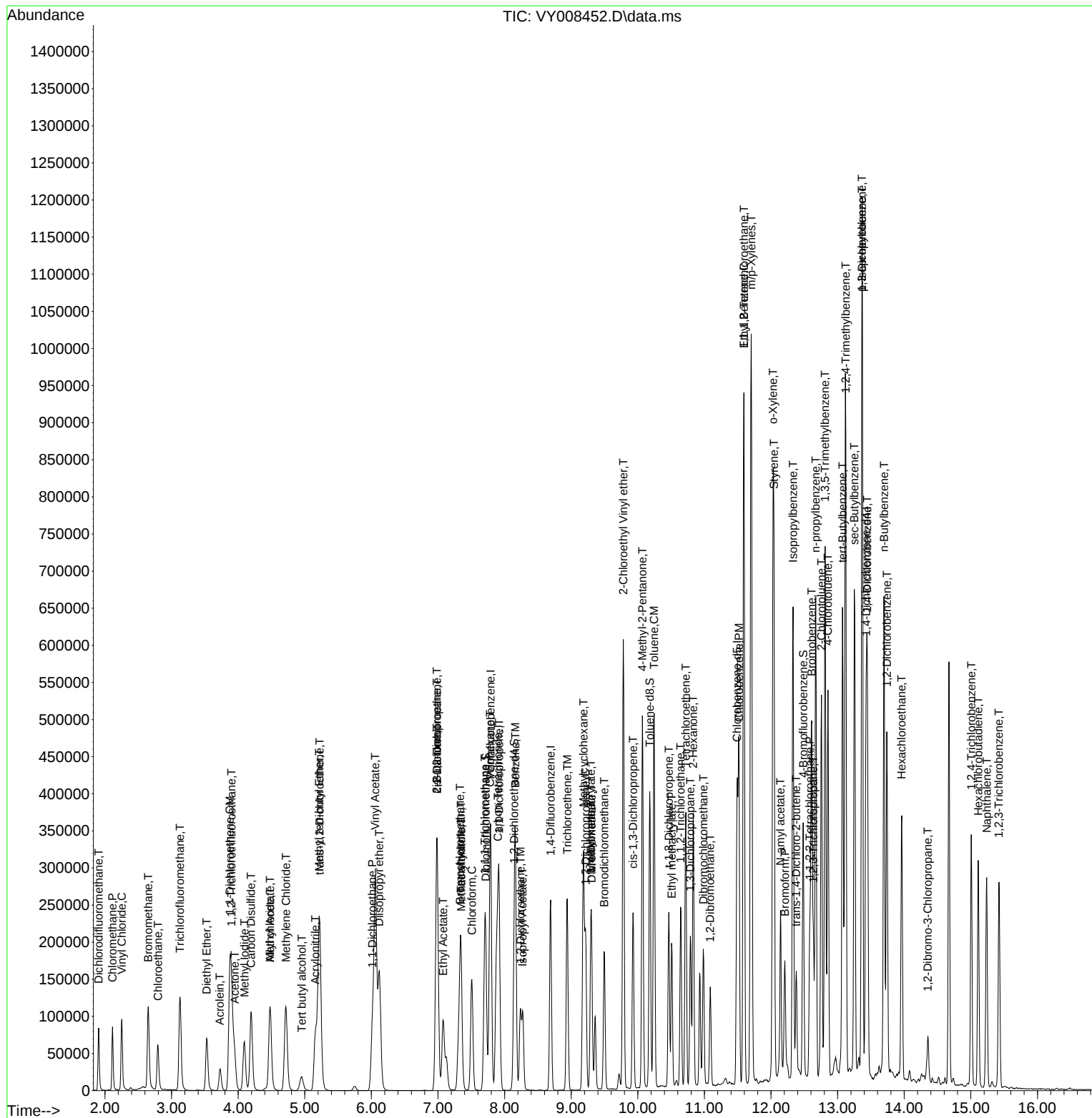
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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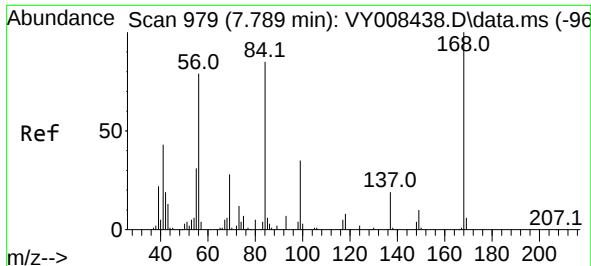
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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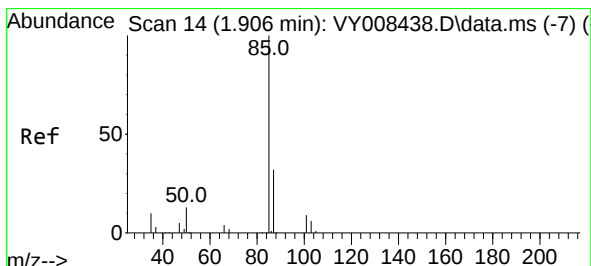
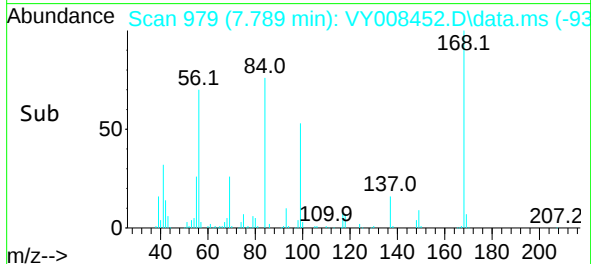
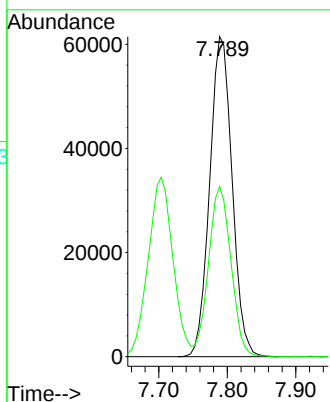
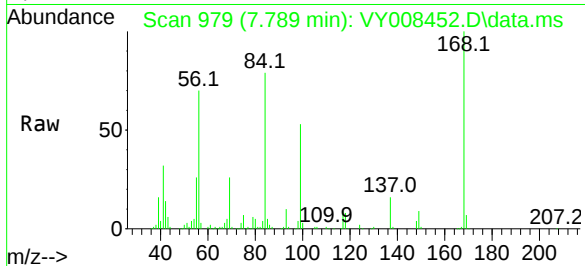




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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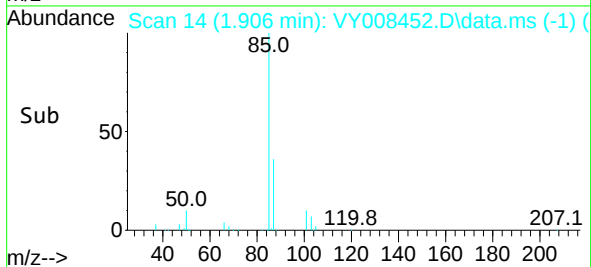
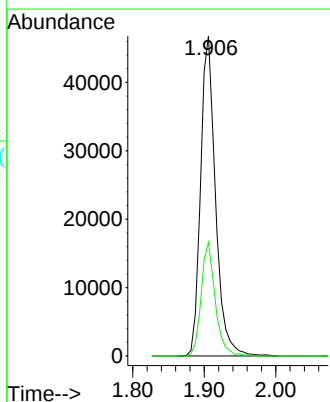
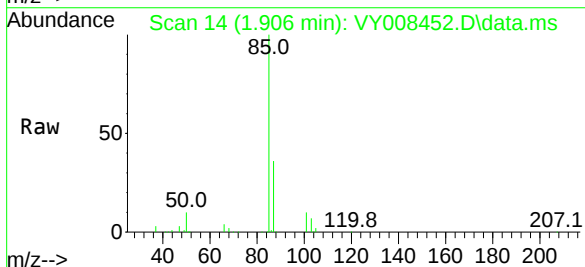
Instrument :
MSVOA_Y
ClientSampleId :

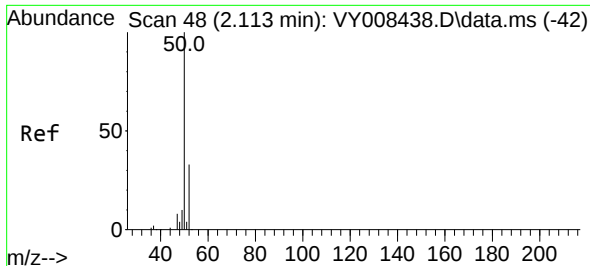
Tgt Ion:168 Resp: 139582
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 53.381 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

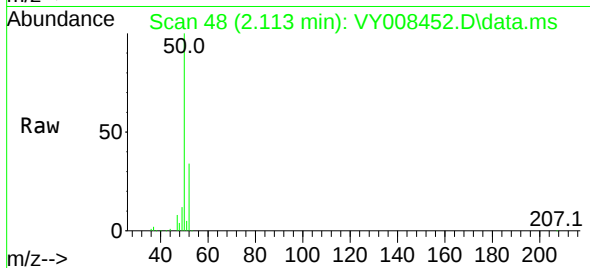
Tgt Ion: 85 Resp: 67663
Ion Ratio Lower Upper
85 100
87 35.5 16.1 48.2



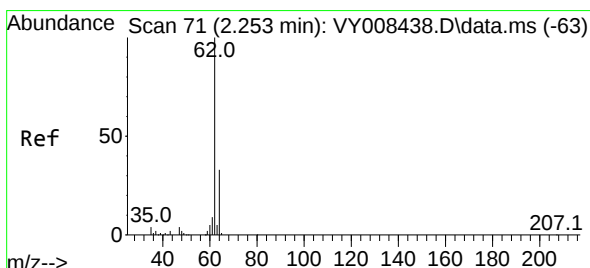
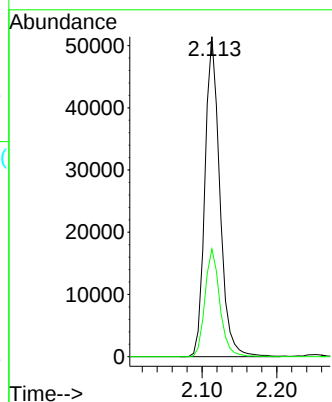
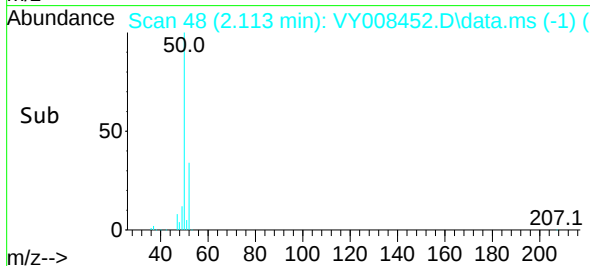


#3
Chloromethane
Concen: 35.737 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008452.D
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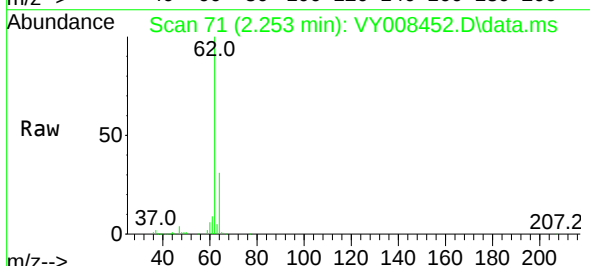
Instrument :
MSVOA_Y
ClientSampleId :



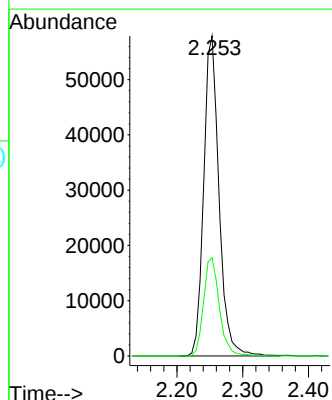
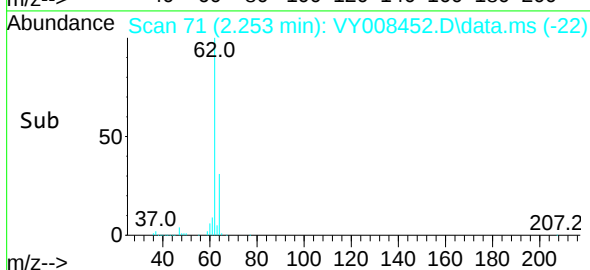
Tgt Ion: 50 Resp: 71280
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0

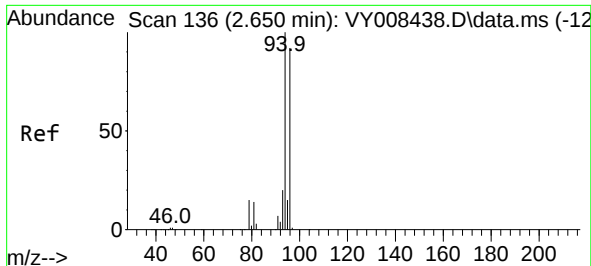


#4
Vinyl Chloride
Concen: 36.169 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45



Tgt Ion: 62 Resp: 93740
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.6

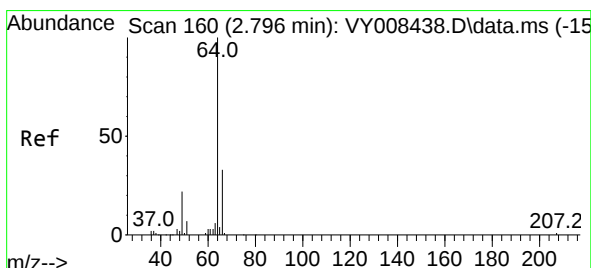
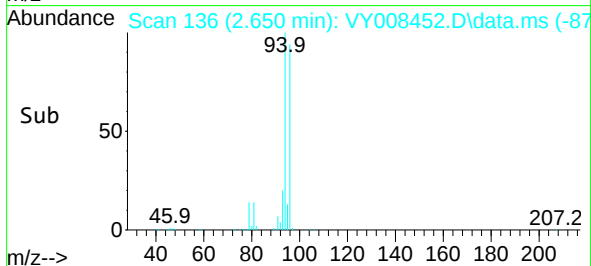
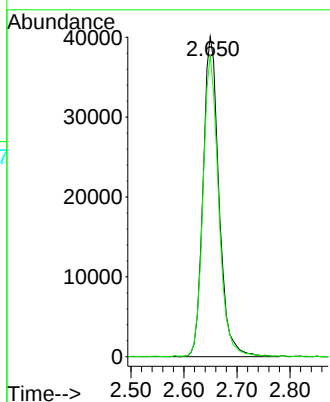
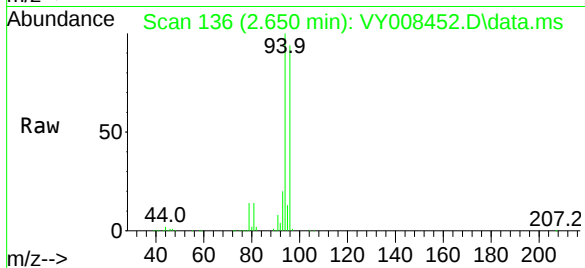




#5
Bromomethane
Concen: 34.611 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
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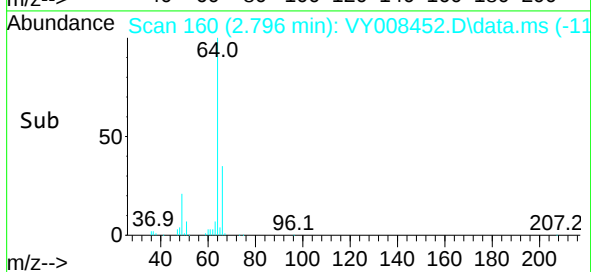
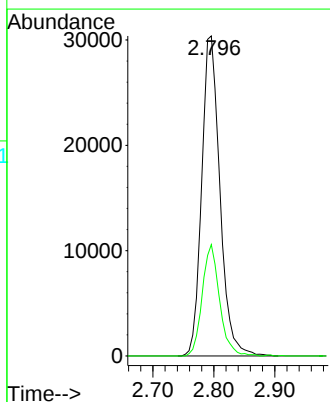
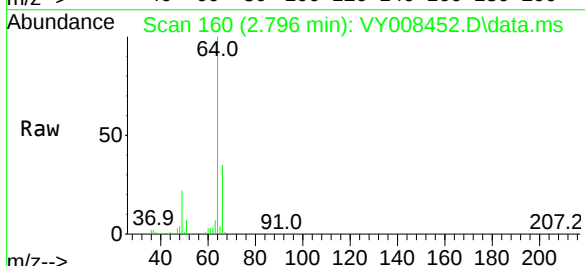
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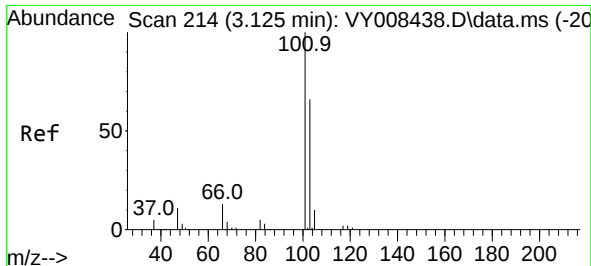
Tgt Ion: 94 Resp: 83406
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3



#6
Chloroethane
Concen: 36.672 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008452.D
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Tgt Ion: 64 Resp: 63229
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.0

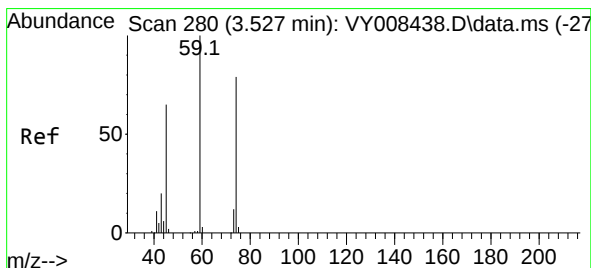
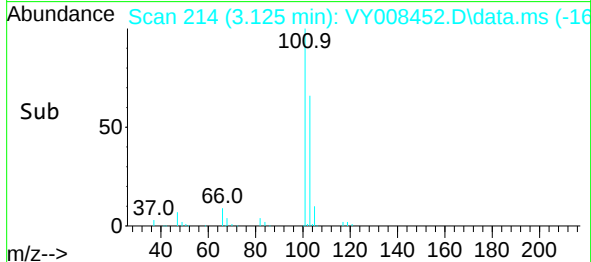
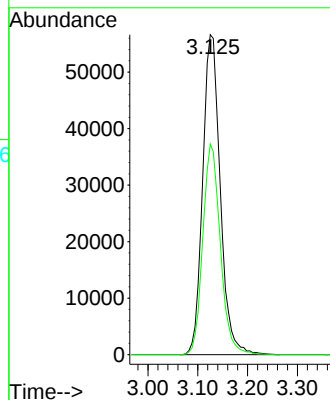
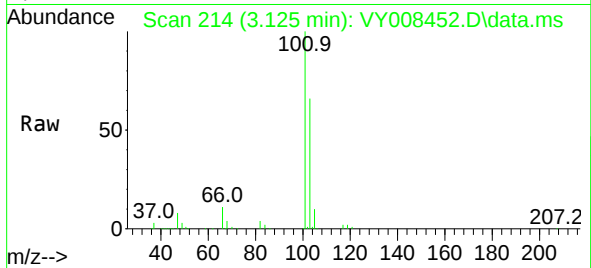




#7
Trichlorofluoromethane
Concen: 51.672 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

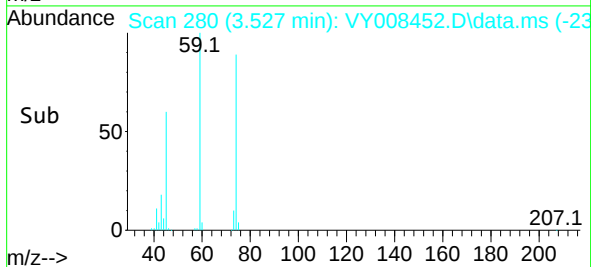
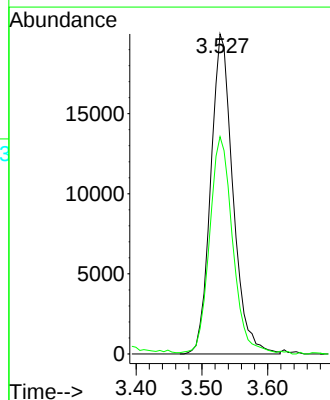
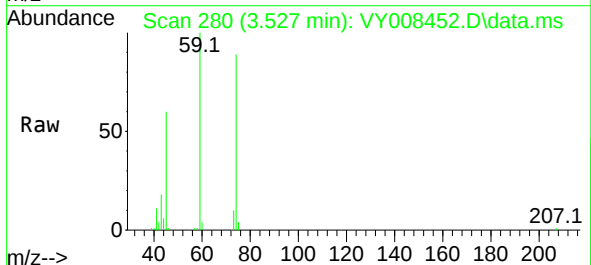
Instrument :
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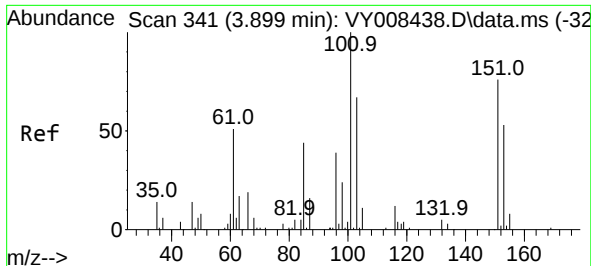
Tgt Ion:101 Resp: 138729
Ion Ratio Lower Upper
101 100
103 65.8 48.0 72.0



#8
Diethyl Ether
Concen: 50.865 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 74 Resp: 47001
Ion Ratio Lower Upper
74 100
45 69.1 55.1 165.5

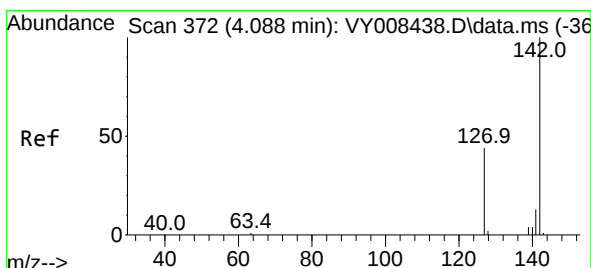
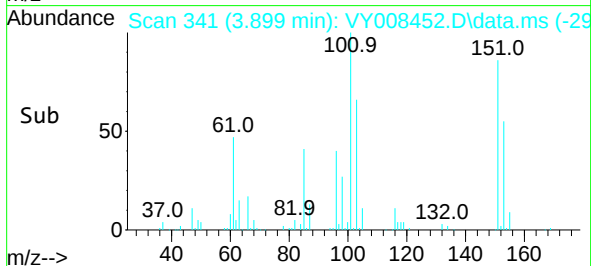
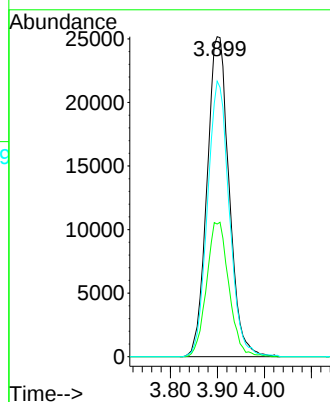
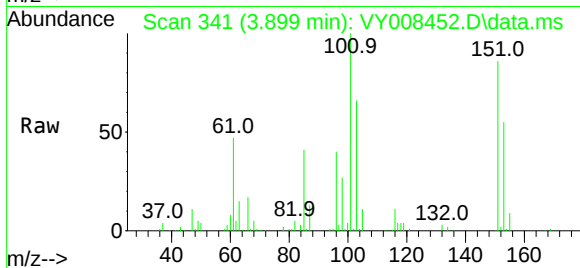




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.371 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

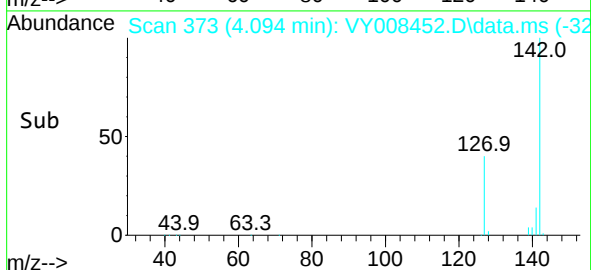
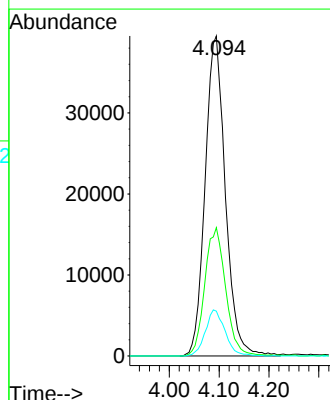
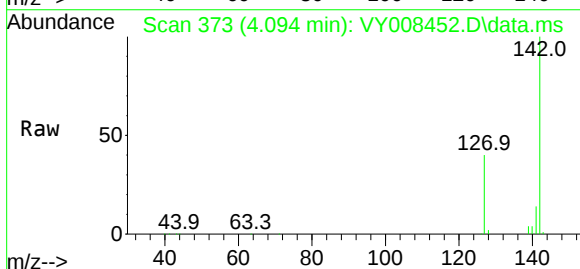
Instrument :
MSVOA_Y
ClientSampleId :

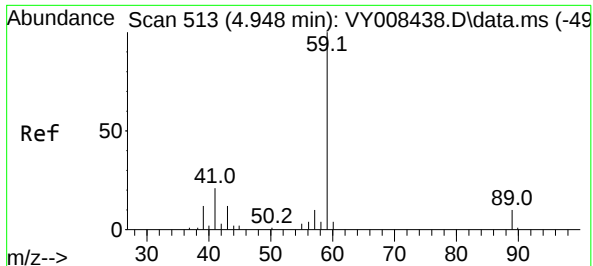
Tgt Ion:101 Resp: 82102
Ion Ratio Lower Upper
101 100
85 42.5 40.6 60.8
151 85.2 64.9 97.3



#10
Methyl Iodide
Concen: 52.829 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion:142 Resp: 111452
Ion Ratio Lower Upper
142 100
127 41.4 41.5 62.3#
141 14.0 11.9 17.9

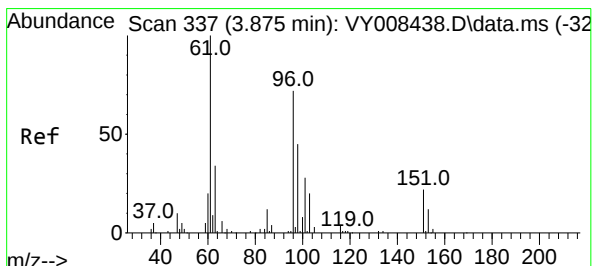
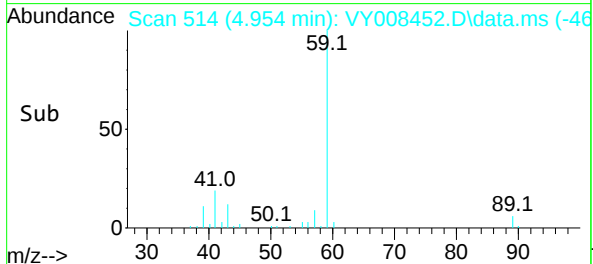
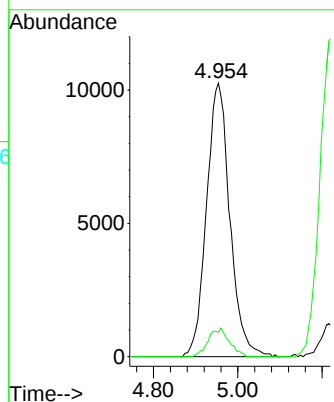
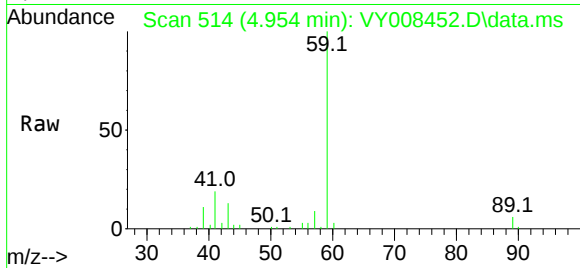




#11
Tert butyl alcohol
Concen: 235.905 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

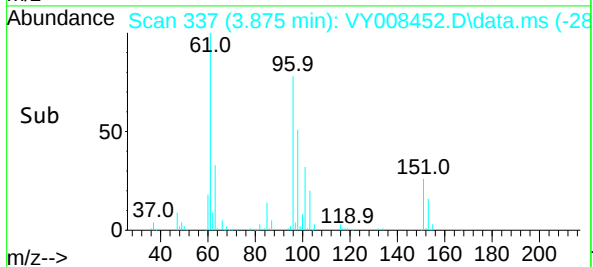
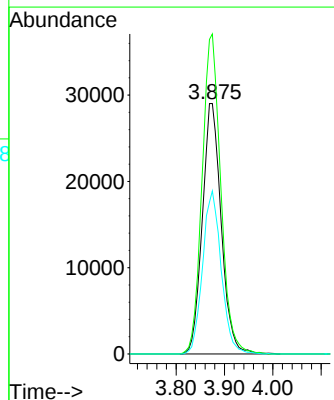
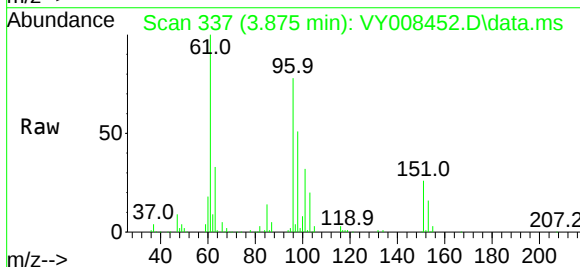
Instrument :
MSVOA_Y
ClientSampleId :

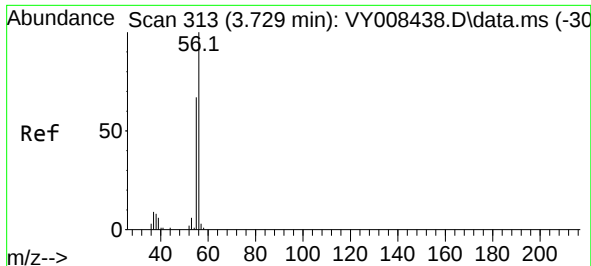
Tgt Ion: 59 Resp: 39467
Ion Ratio Lower Upper
59 100
57 9.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 52.105 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 96 Resp: 78620
Ion Ratio Lower Upper
96 100
61 127.8 145.8 218.6#
98 65.1 52.5 78.7





#13

Acrolein

Concen: 204.785 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

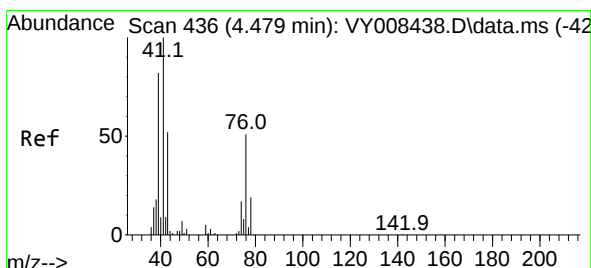
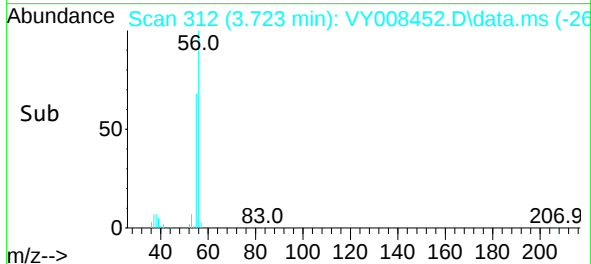
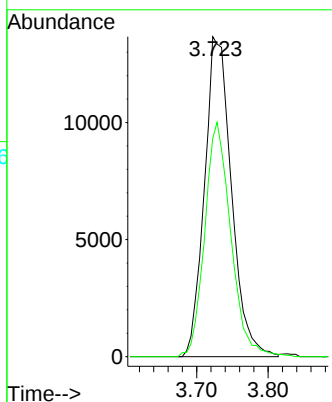
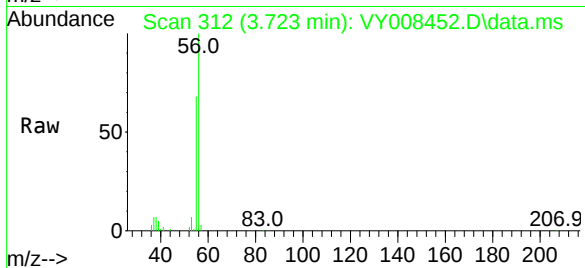
ClientSampleId :

Tgt Ion: 56 Resp: 35808

Ion Ratio Lower Upper

56 100

55 70.7 57.6 86.4



#14

Allyl chloride

Concen: 43.641 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

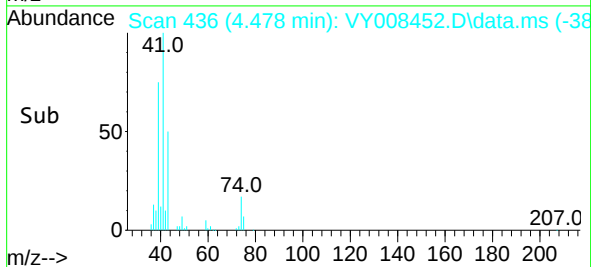
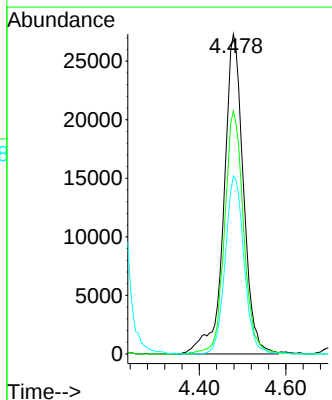
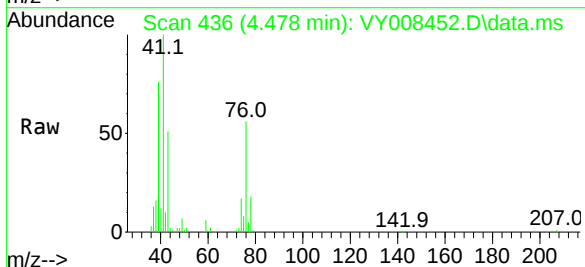
Tgt Ion: 41 Resp: 85949

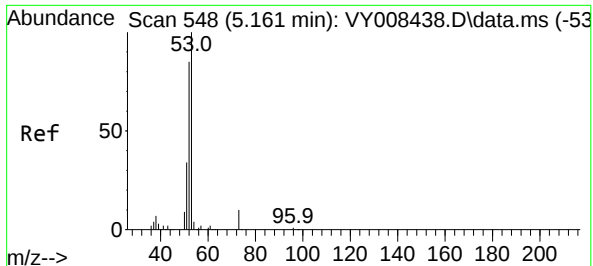
Ion Ratio Lower Upper

41 100

39 73.6 58.8 88.2

76 53.4 25.1 37.7#





#15

Acrylonitrile

Concen: 221.841 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

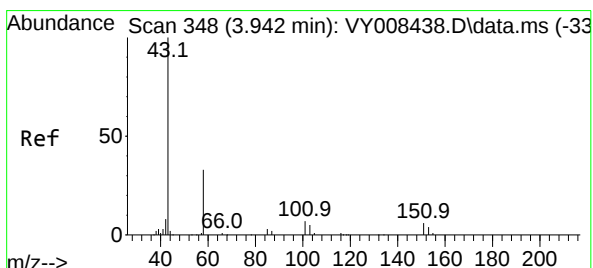
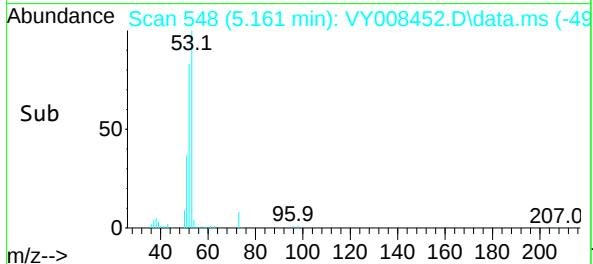
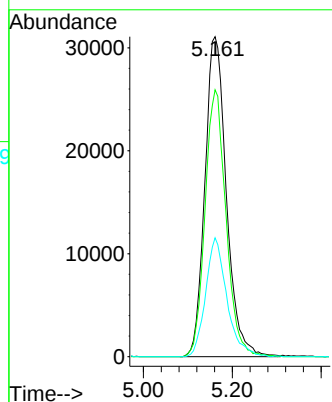
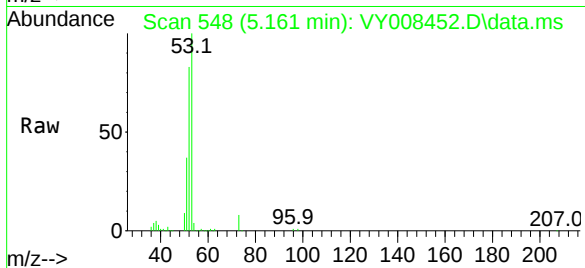
Tgt Ion: 53 Resp: 104812

Ion Ratio Lower Upper

53 100

52 81.3 67.0 100.4

51 36.7 29.8 44.6



#16

Acetone

Concen: 193.492 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008452.D

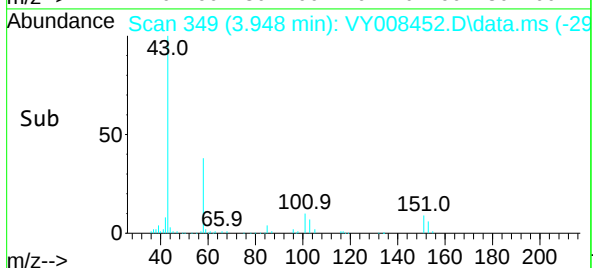
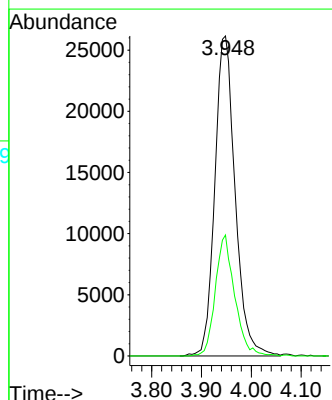
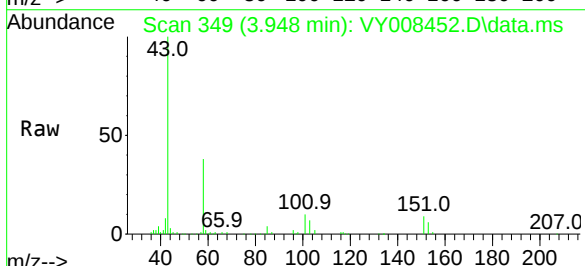
Acq: 21 Apr 2022 19:45

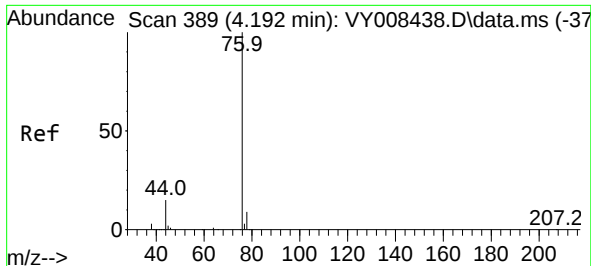
Tgt Ion: 43 Resp: 74018

Ion Ratio Lower Upper

43 100

58 37.8 22.0 33.0#

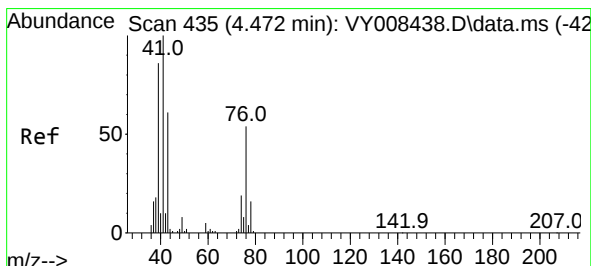
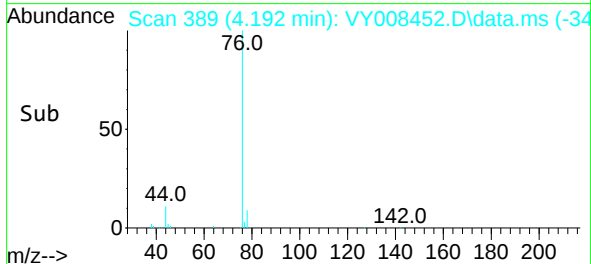
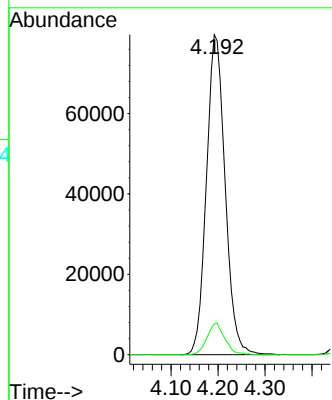
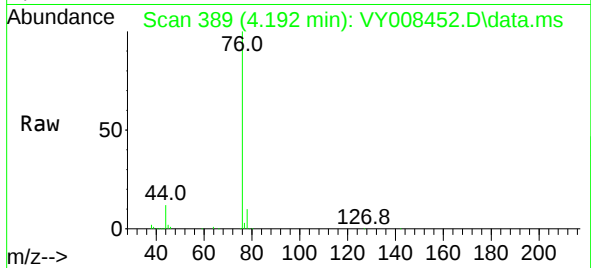




#17
Carbon Disulfide
Concen: 48.127 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

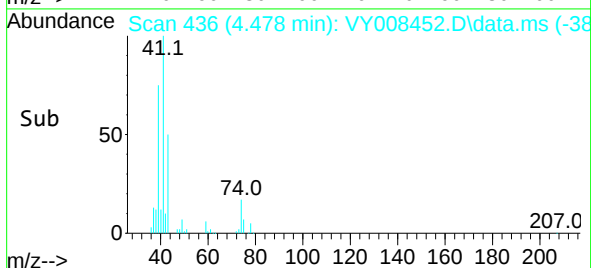
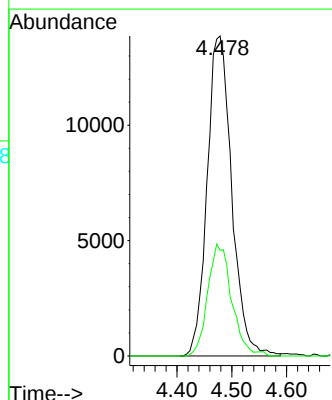
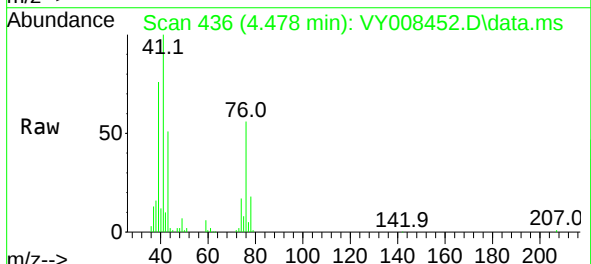
Instrument :
MSVOA_Y
ClientSampleId :

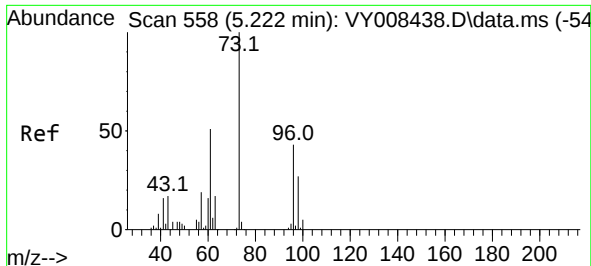
Tgt Ion: 76 Resp: 219541
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 40.254 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 43 Resp: 43185
Ion Ratio Lower Upper
43 100
74 34.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 47.385 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

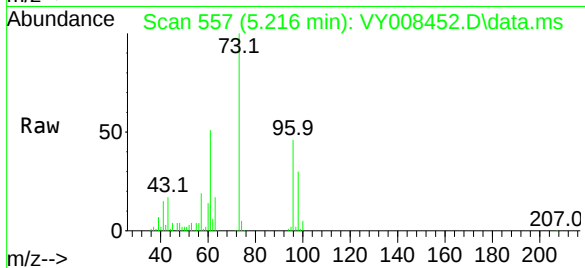
Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

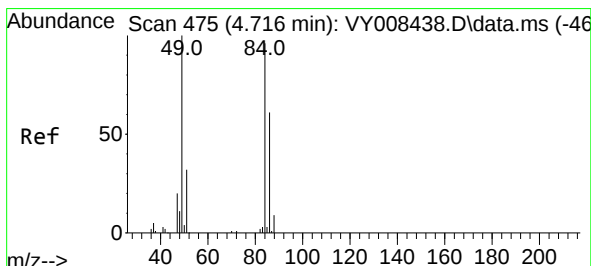
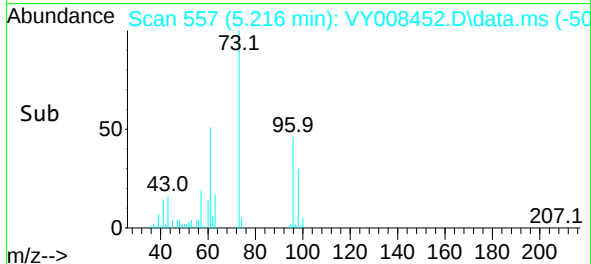
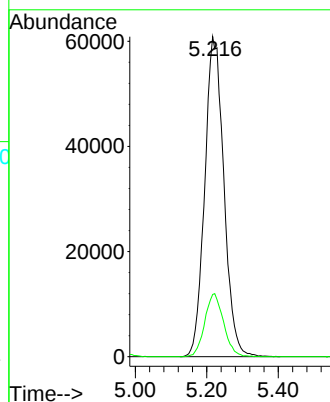


Tgt Ion: 73 Resp: 226230

Ion Ratio Lower Upper

73 100

57 19.5 18.6 27.8



#20

Methylene Chloride

Concen: 50.176 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Tgt Ion: 84 Resp: 99781

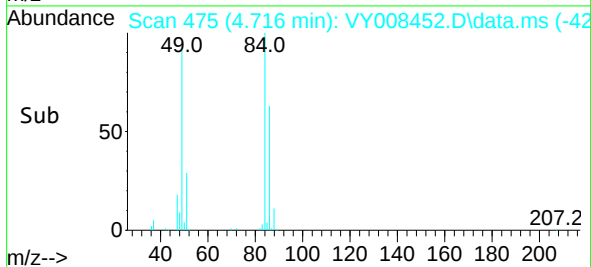
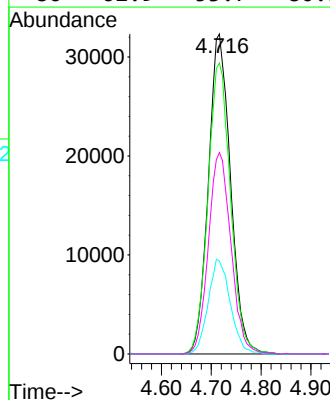
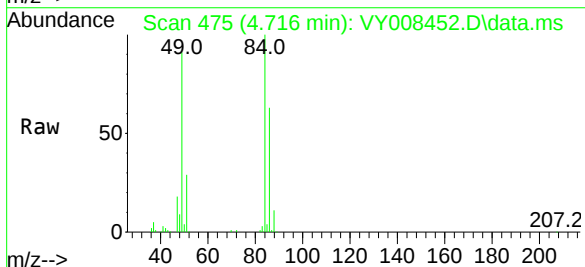
Ion Ratio Lower Upper

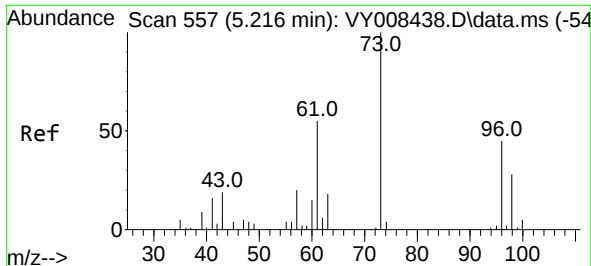
84 100

49 90.9 114.4 171.6#

51 29.0 35.3 52.9#

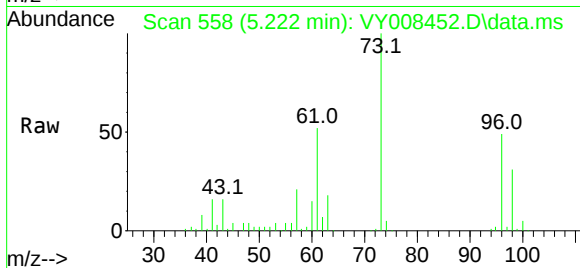
86 62.9 53.7 80.5



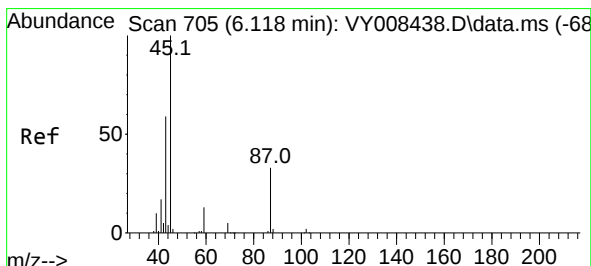
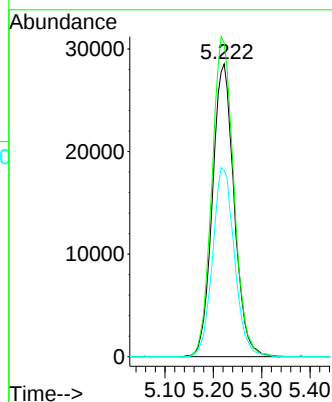
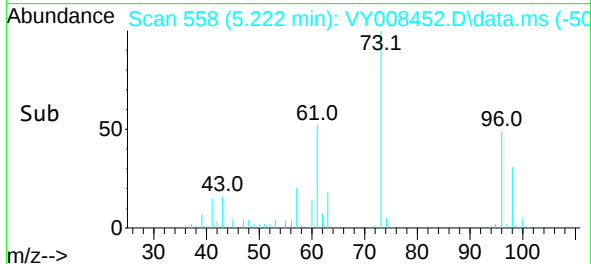


#21
trans-1,2-Dichloroethene
Concen: 48.364 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :

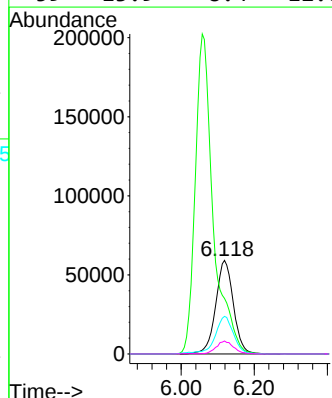
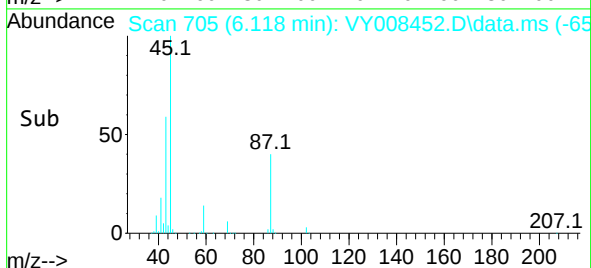
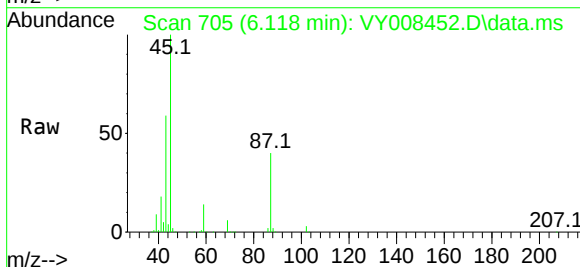


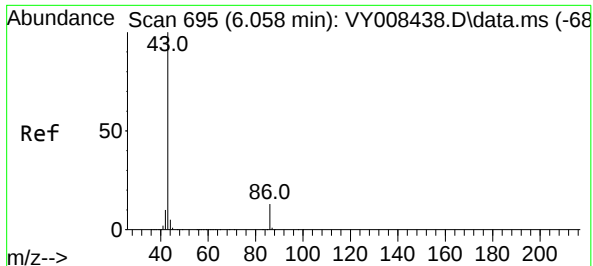
Tgt Ion: 96 Resp: 89017
Ion Ratio Lower Upper
96 100
61 107.1 120.5 180.7#
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 41.903 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 45 Resp: 199291
Ion Ratio Lower Upper
45 100
43 59.0 49.3 73.9
87 40.3 19.2 28.8#
59 13.9 8.4 12.6#

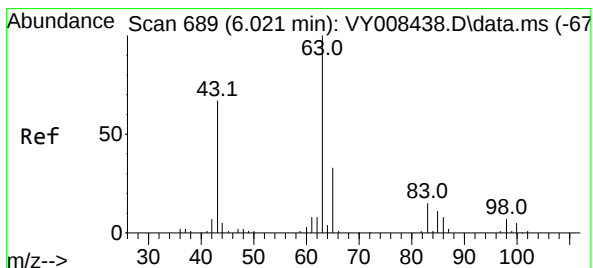
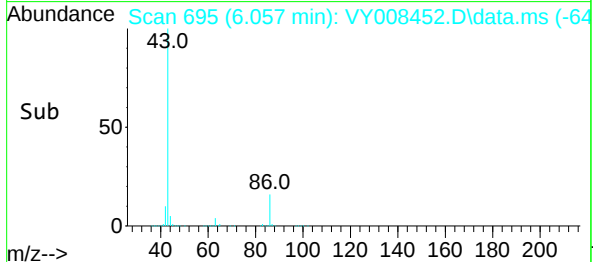
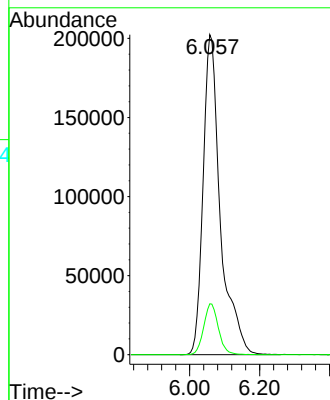
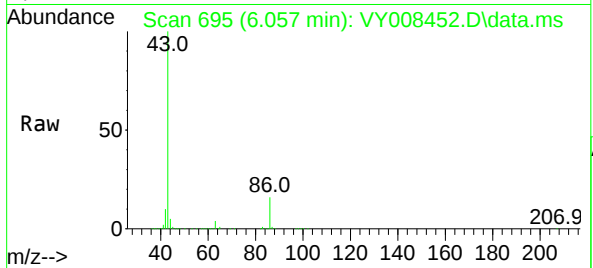




#23
 Vinyl Acetate
 Concen: 212.168 ug/l
 RT: 6.057 min Scan# 691
 Delta R.T. -0.001 min
 Lab File: VY008452.D
 Acq: 21 Apr 2022 19:45

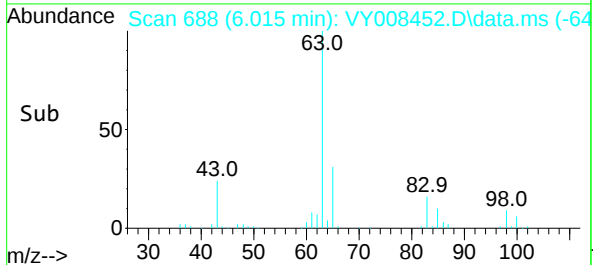
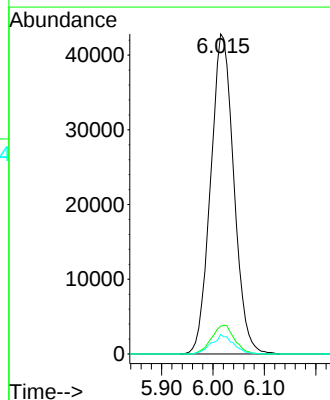
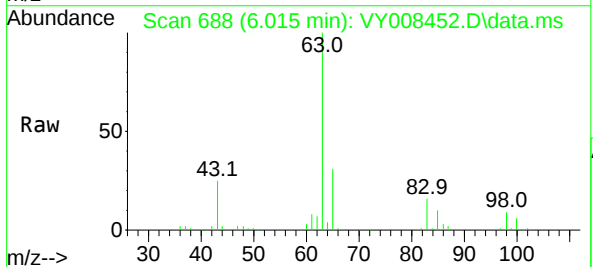
Instrument :
 MSVOA_Y
 ClientSampleId :

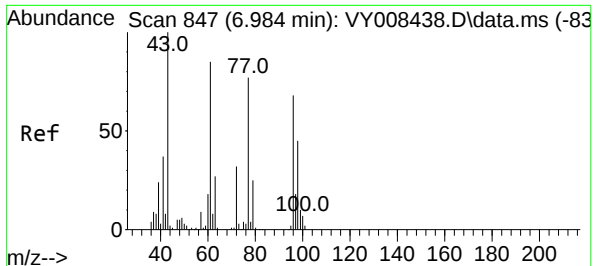
Tgt Ion: 43 Resp: 691818
 Ion Ratio Lower Upper
 43 100
 86 15.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 45.316 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008452.D
 Acq: 21 Apr 2022 19:45

Tgt Ion: 63 Resp: 134158
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 6.1 2.0 5.8#





#25

2-Butanone

Concen: 210.655 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

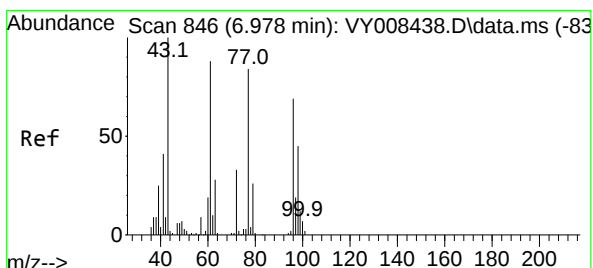
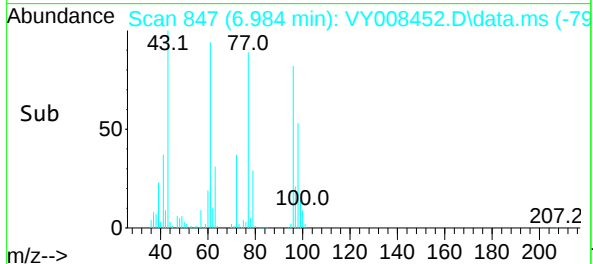
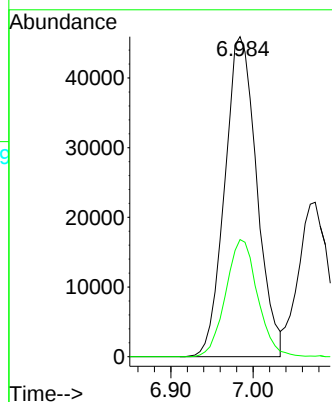
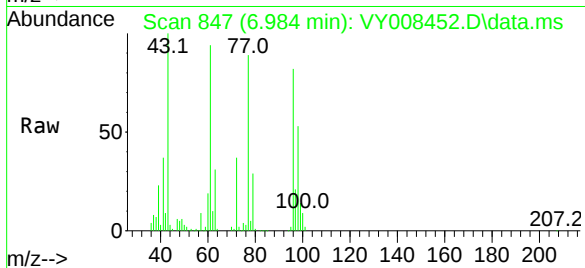
ClientSampleId :

Tgt Ion: 43 Resp: 124668

Ion Ratio Lower Upper

43 100

72 36.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 44.963 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008452.D

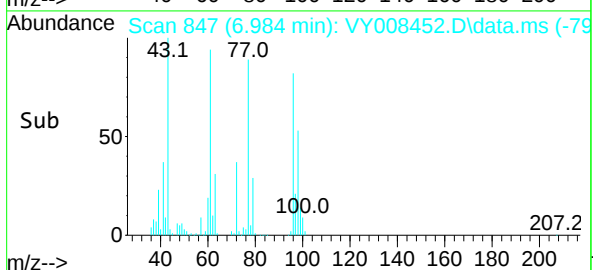
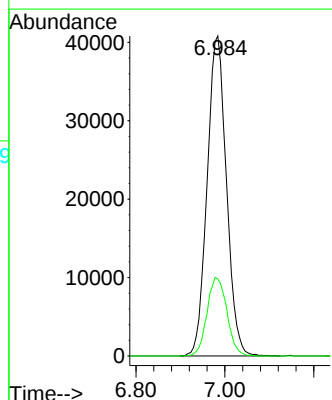
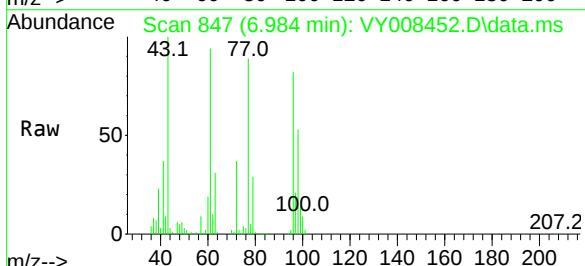
Acq: 21 Apr 2022 19:45

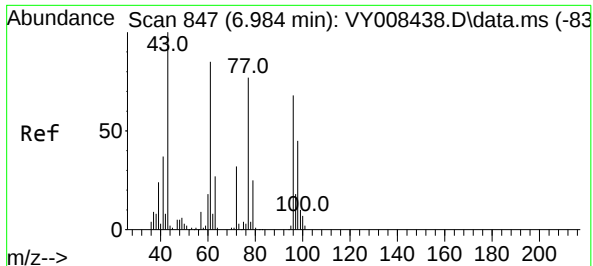
Tgt Ion: 77 Resp: 123286

Ion Ratio Lower Upper

77 100

97 25.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.721 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

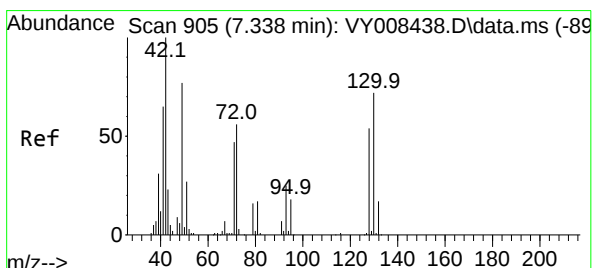
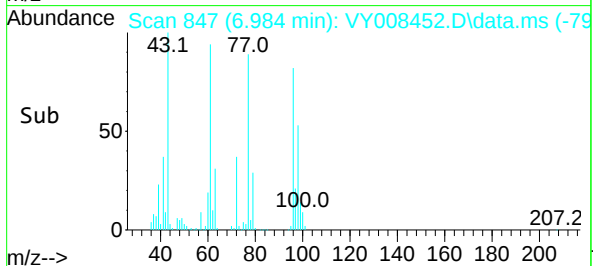
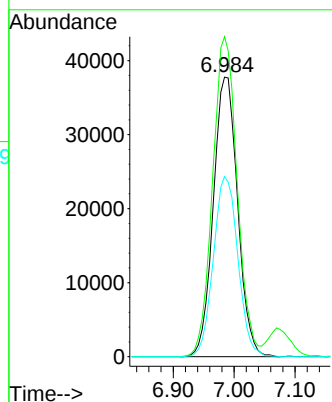
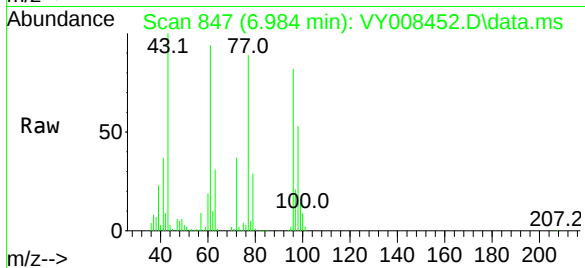
Tgt Ion: 96 Resp: 104680

Ion Ratio Lower Upper

96 100

61 115.9 0.0 319.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 42.552 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

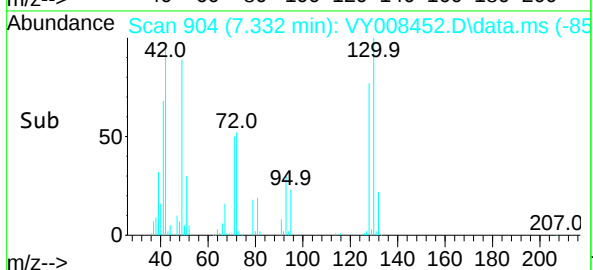
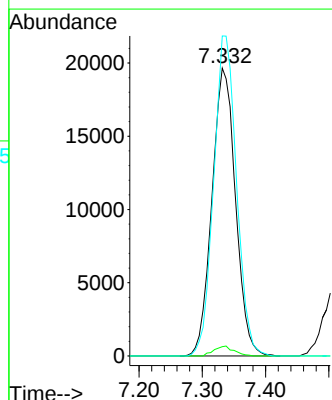
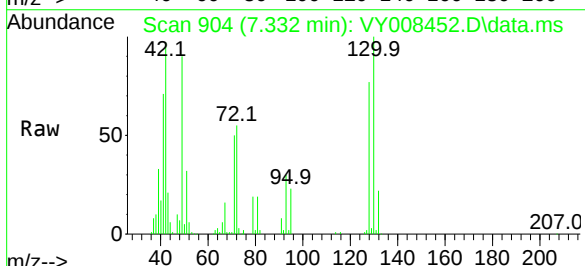
Tgt Ion: 49 Resp: 50815

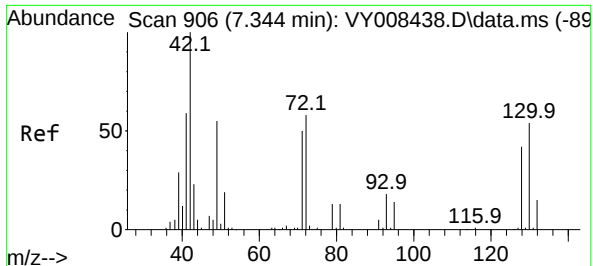
Ion Ratio Lower Upper

49 100

129 2.9 0.0 2.2#

130 108.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 217.861 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

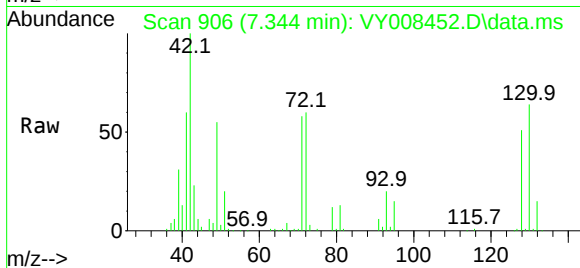
Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :



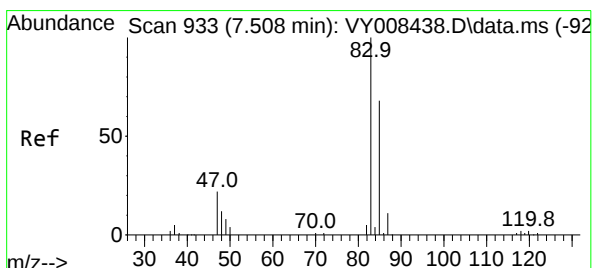
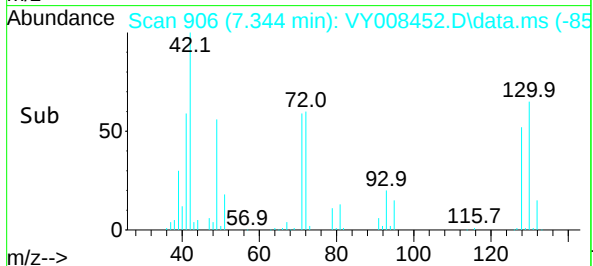
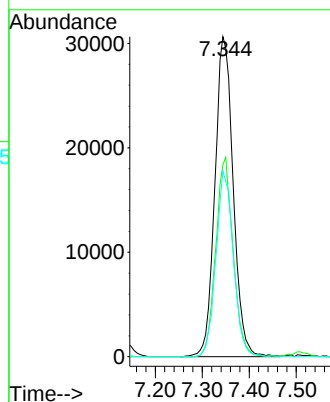
Tgt Ion: 42 Resp: 83043

Ion Ratio Lower Upper

42 100

72 58.9 30.3 45.5#

71 55.2 29.0 43.4#



#30

Chloroform

Concen: 47.354 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008452.D

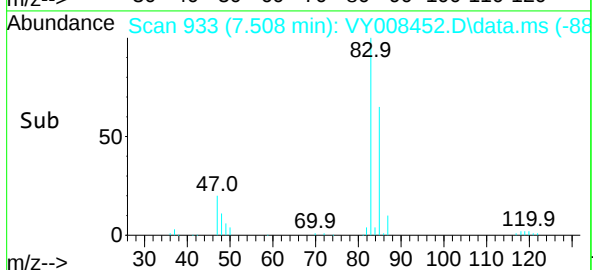
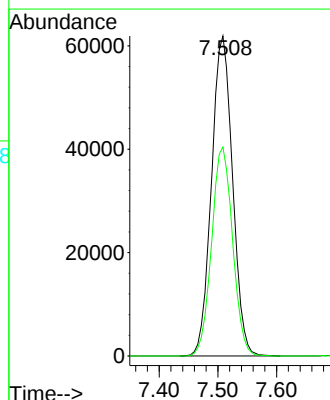
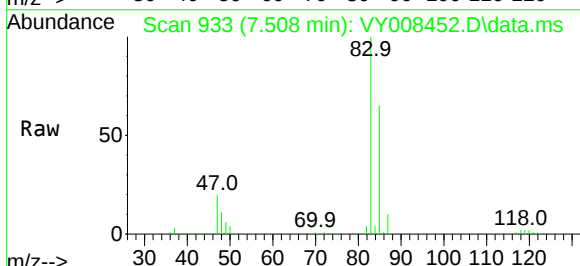
Acq: 21 Apr 2022 19:45

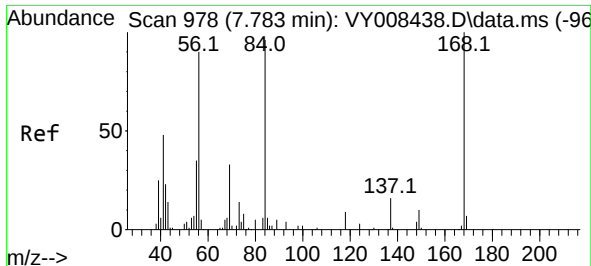
Tgt Ion: 83 Resp: 154014

Ion Ratio Lower Upper

83 100

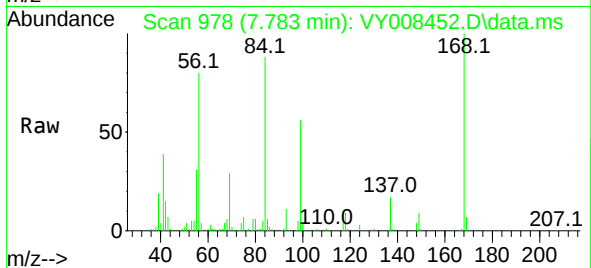
85 65.3 51.8 77.6



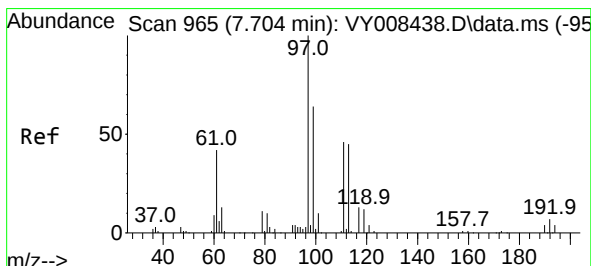
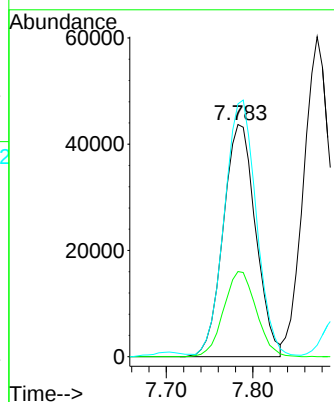
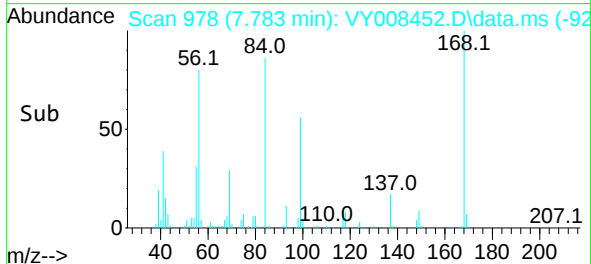


#31
Cyclohexane
Concen: 42.199 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :

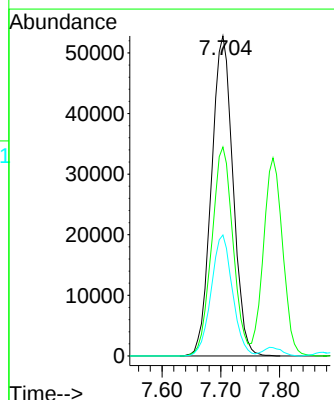
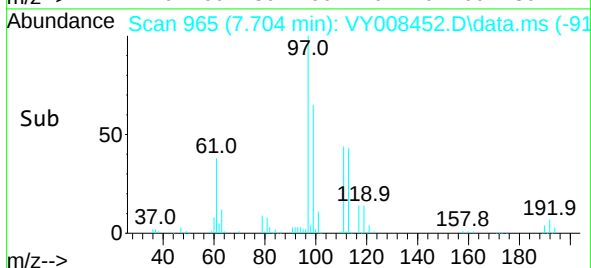
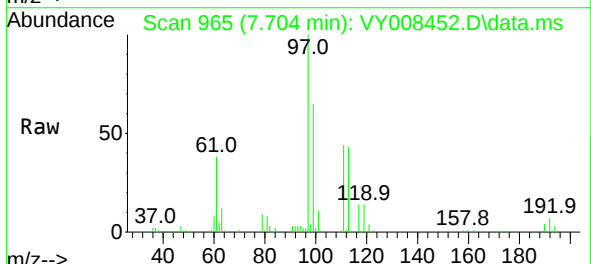


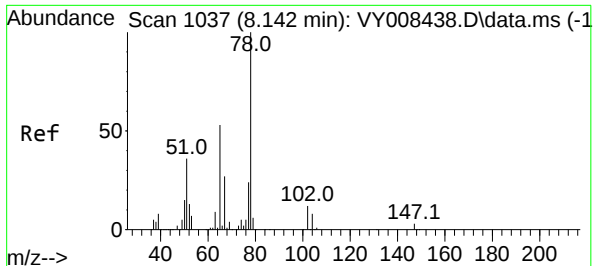
Tgt Ion: 56 Resp: 113937
Ion Ratio Lower Upper
56 100
69 36.7 26.7 40.1
84 107.5 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 47.261 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 97 Resp: 134594
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 37.4 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 47.036 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

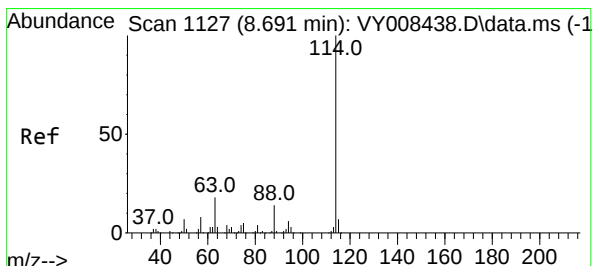
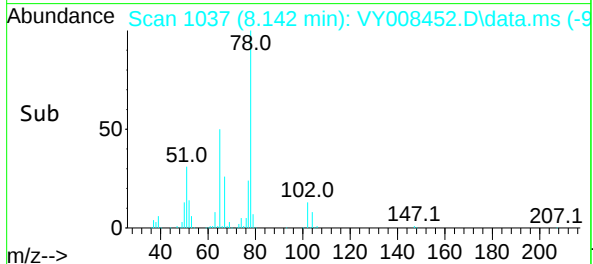
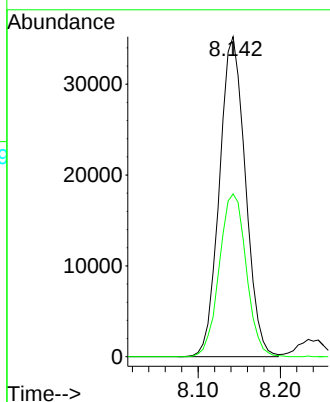
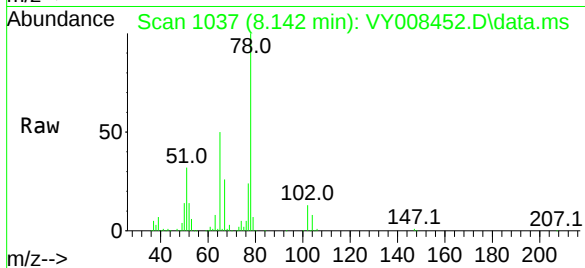
ClientSampleId :

Tgt Ion: 65 Resp: 77250

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

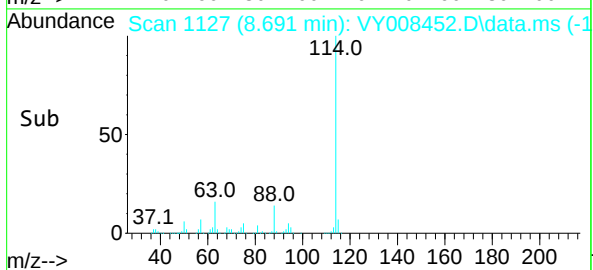
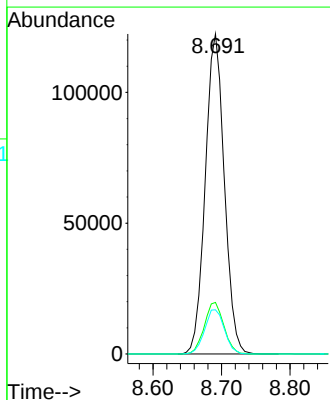
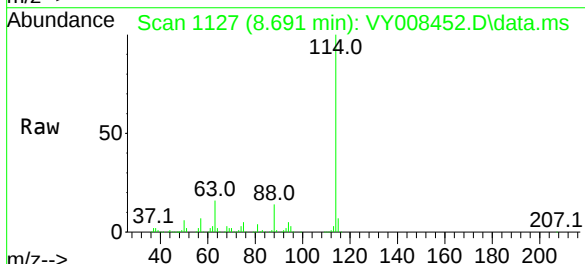
Tgt Ion: 114 Resp: 236676

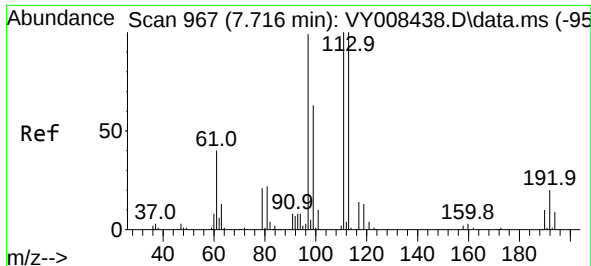
Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

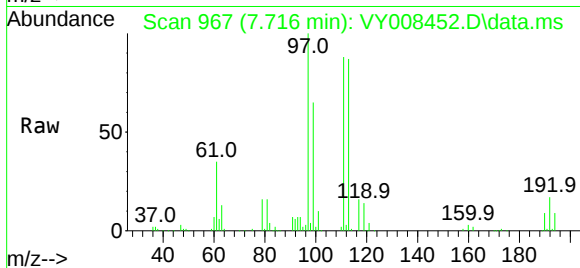
88 13.8 0.0 31.8



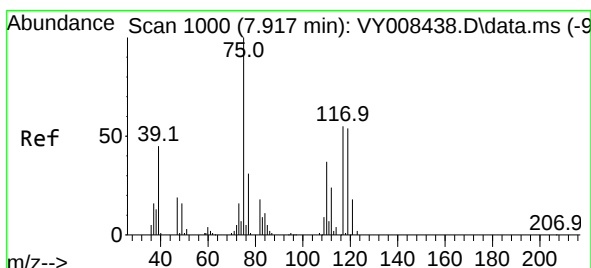
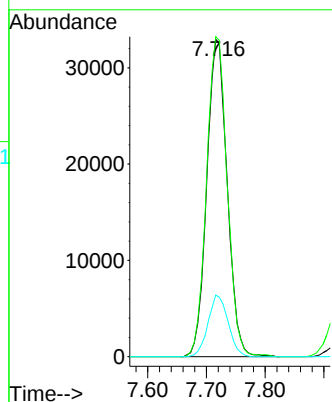
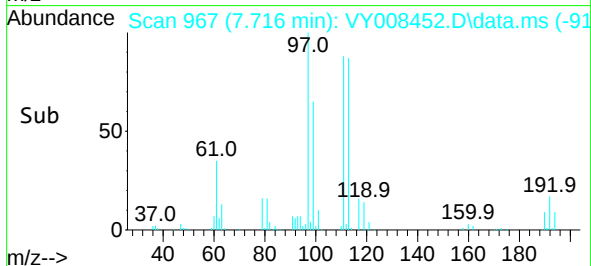


#35
Dibromofluoromethane
Concen: 51.993 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

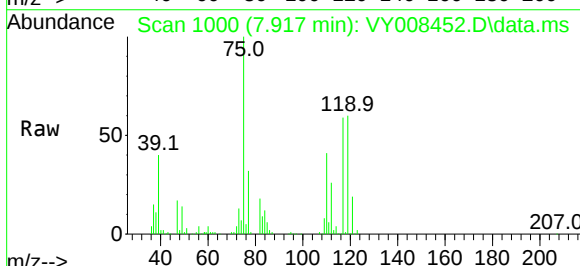
Instrument :
MSVOA_Y
ClientSampleId :



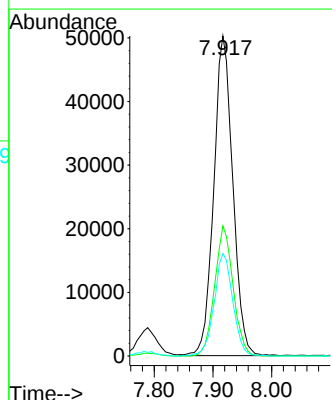
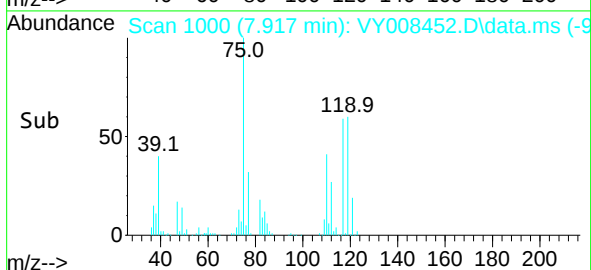
Tgt Ion:113 Resp: 79417
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.1 17.6 26.4

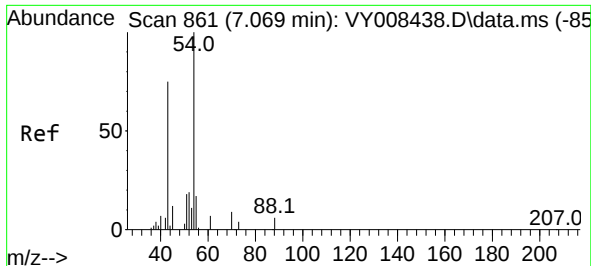


#36
1,1-Dichloropropene
Concen: 46.484 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45



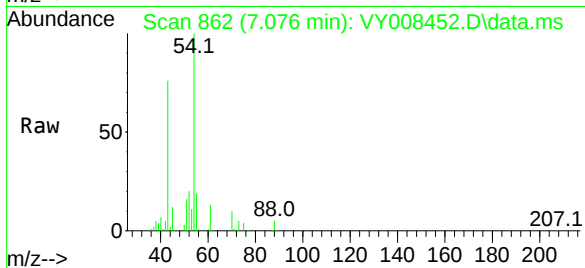
Tgt Ion: 75 Resp: 112942
Ion Ratio Lower Upper
75 100
110 39.4 17.1 51.2
77 31.5 24.4 36.6



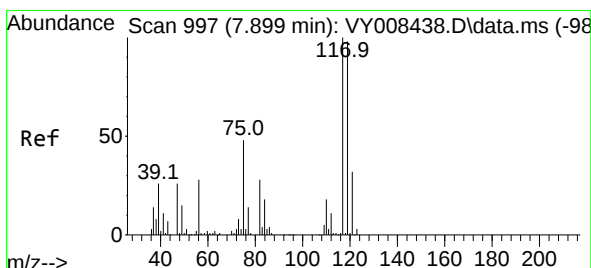
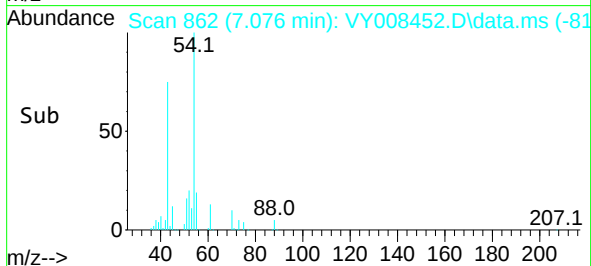
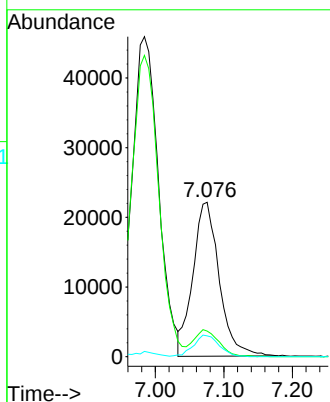


#37
Ethyl Acetate
Concen: 43.964 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :

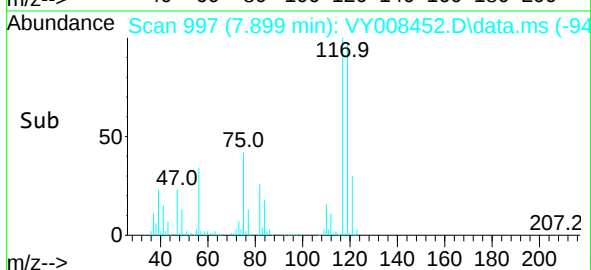
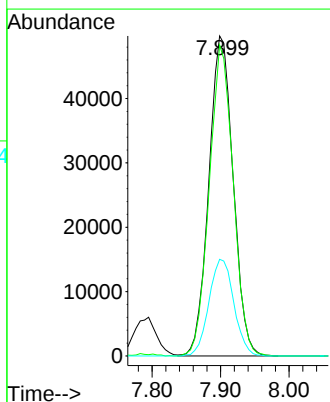
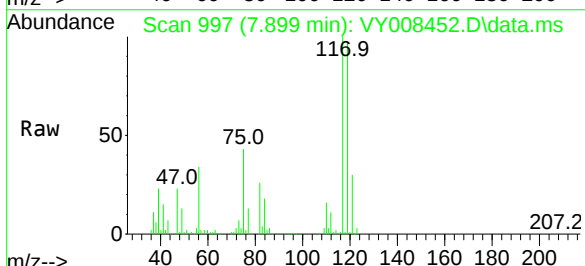


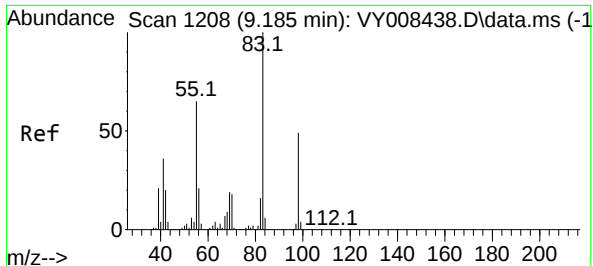
Tgt Ion: 43 Resp: 59076
Ion Ratio Lower Upper
43 100
61 16.5 9.7 14.5#
70 13.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 48.599 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 117 Resp: 122686
Ion Ratio Lower Upper
117 100
119 97.2 77.9 116.9
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 47.257 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

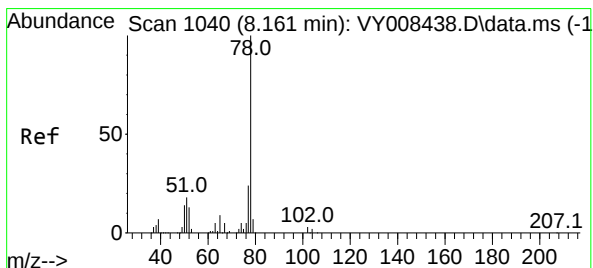
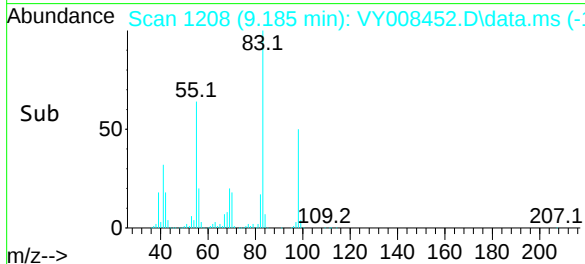
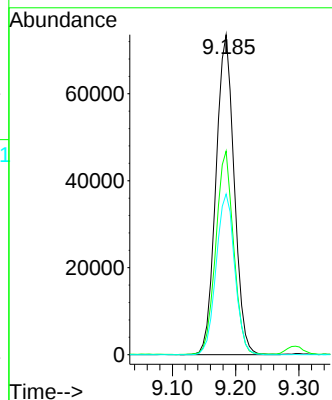
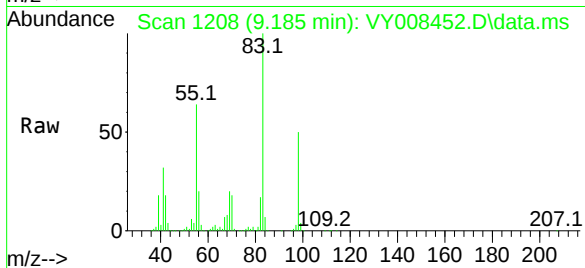
Tgt Ion: 83 Resp: 147015

Ion Ratio Lower Upper

83 100

55 63.5 66.5 99.7#

98 50.2 37.9 56.9



#40

Benzene

Concen: 47.431 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008452.D

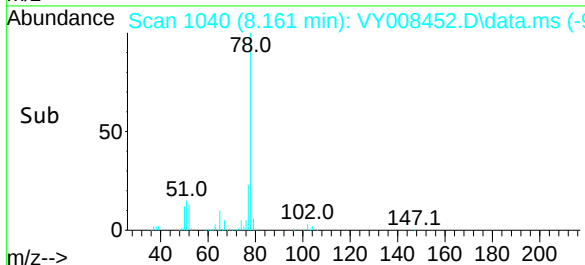
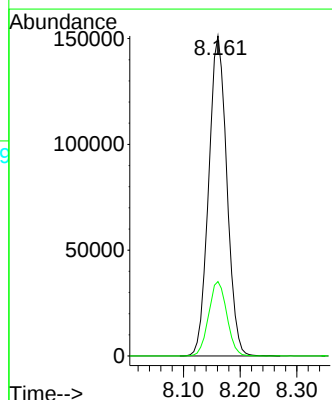
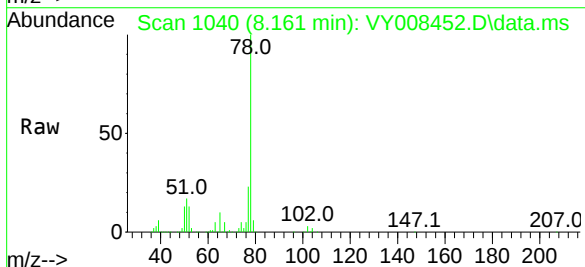
Acq: 21 Apr 2022 19:45

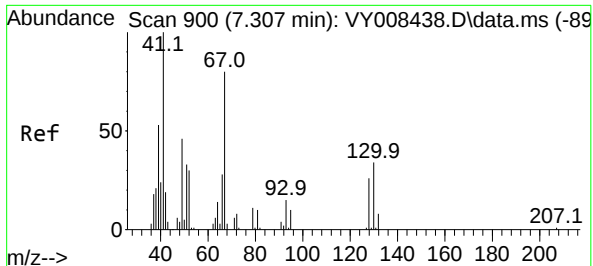
Tgt Ion: 78 Resp: 336215

Ion Ratio Lower Upper

78 100

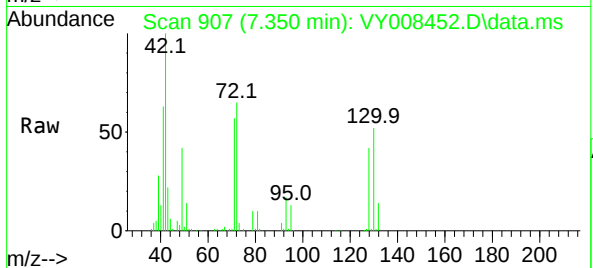
77 23.3 20.4 30.6



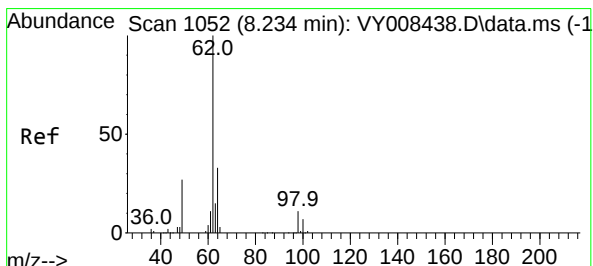
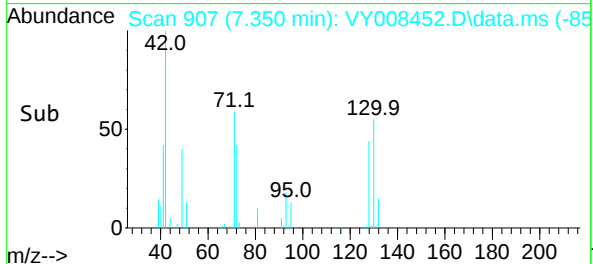
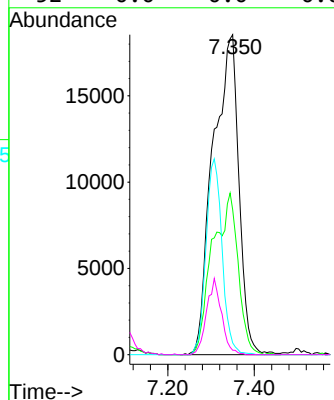


#41
Methacrylonitrile
Concen: 118.051 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :

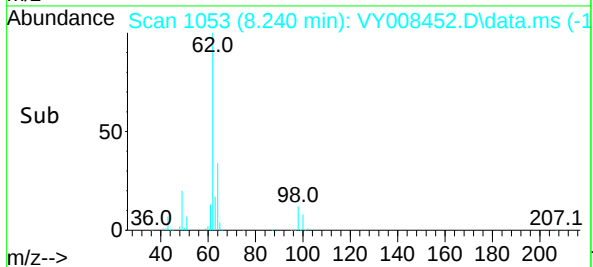
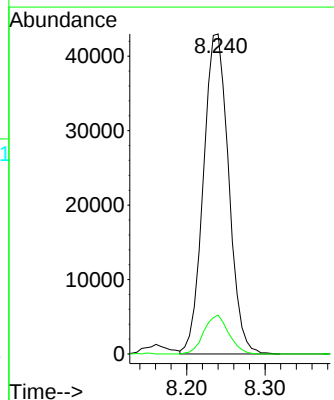
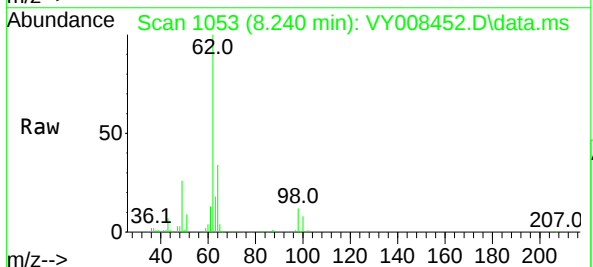


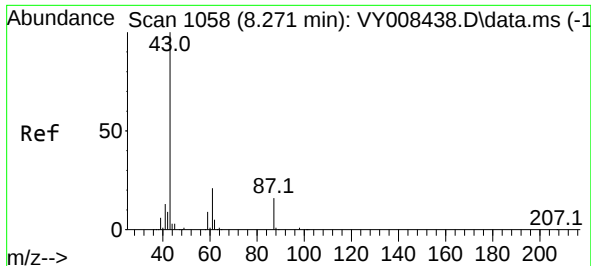
Tgt Ion: 41 Resp: 76926
Ion Ratio Lower Upper
41 100
39 49.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 45.114 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

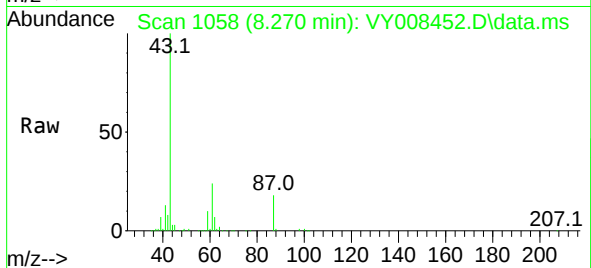
Tgt Ion: 62 Resp: 96278
Ion Ratio Lower Upper
62 100
98 11.9 0.0 14.8



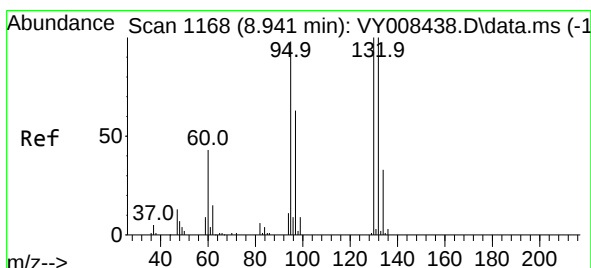
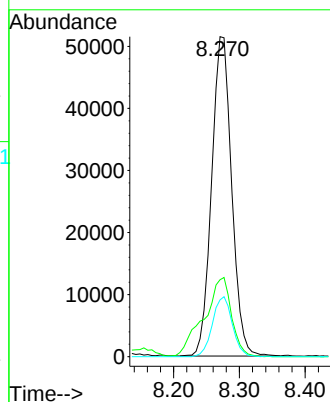
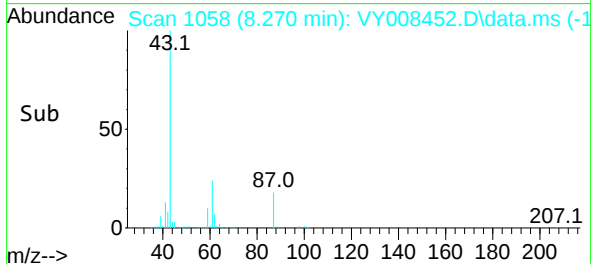


#43
Isopropyl Acetate
Concen: 44.174 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :

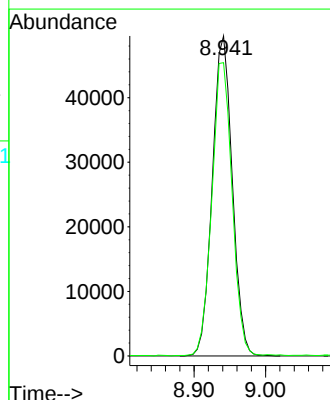
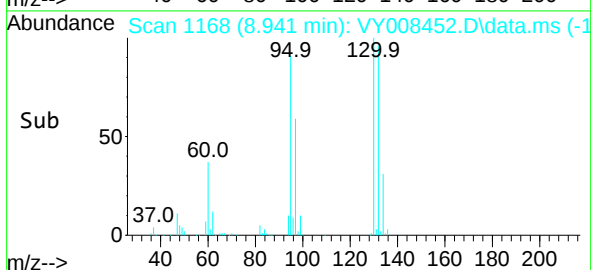
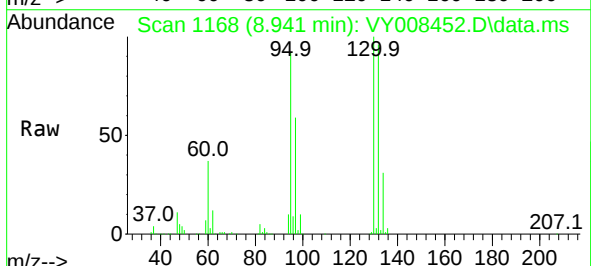


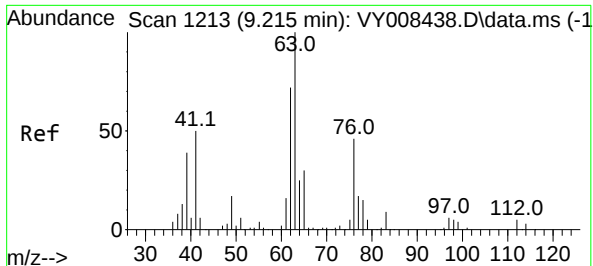
Tgt Ion: 43 Resp: 109167
Ion Ratio Lower Upper
43 100
61 34.2 20.2 30.2#
87 18.6 8.9 13.3#



#44
Trichloroethene
Concen: 49.183 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion:130 Resp: 96050
Ion Ratio Lower Upper
130 100
95 91.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 47.127 ug/l

RT: 9.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

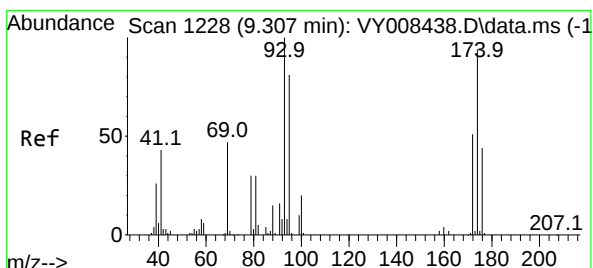
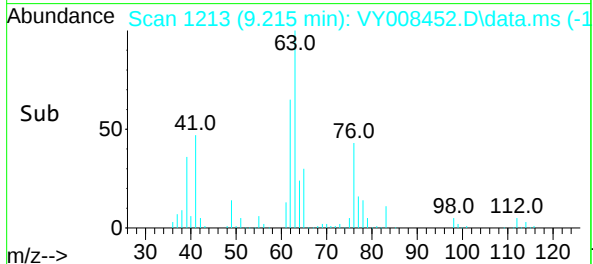
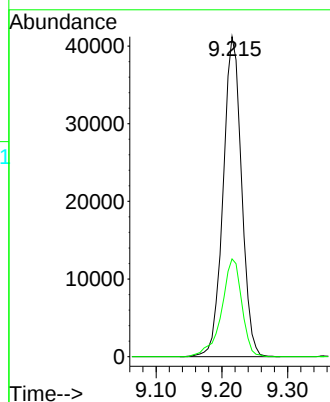
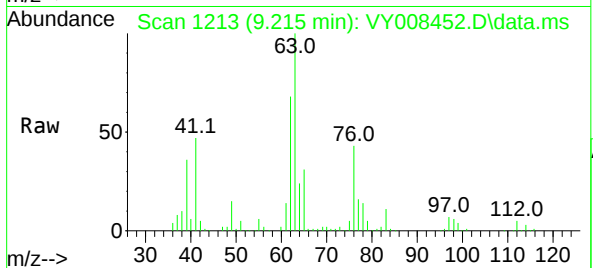
ClientSampleId :

Tgt Ion: 63 Resp: 80220

Ion Ratio Lower Upper

63 100

65 30.5 23.0 34.6



#46

Dibromomethane

Concen: 47.465 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

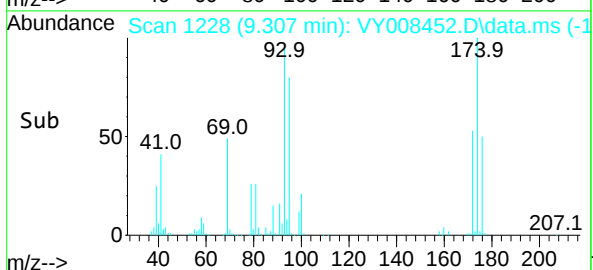
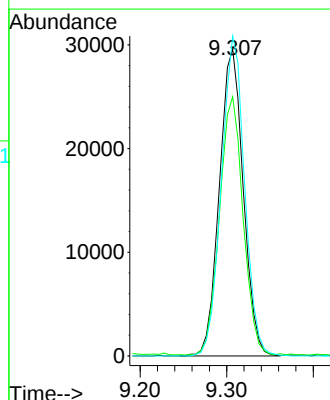
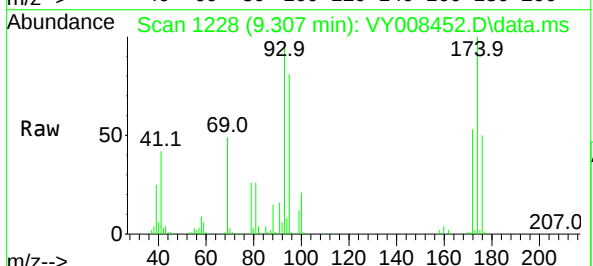
Tgt Ion: 93 Resp: 56606

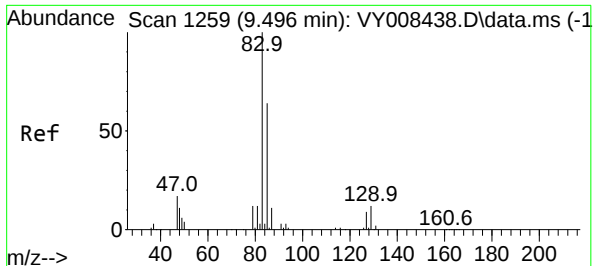
Ion Ratio Lower Upper

93 100

95 83.0 64.3 96.5

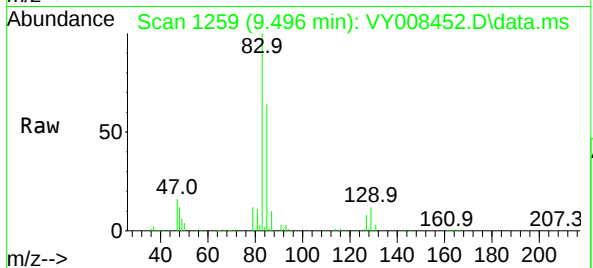
174 101.2 83.4 125.0



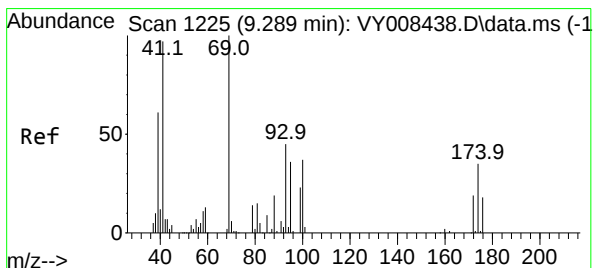
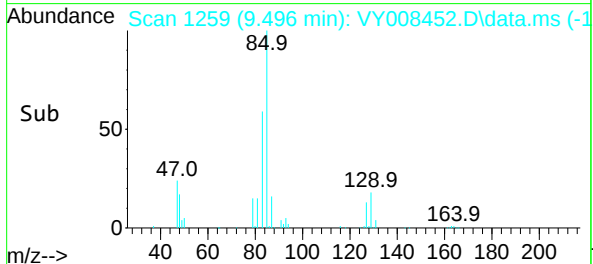
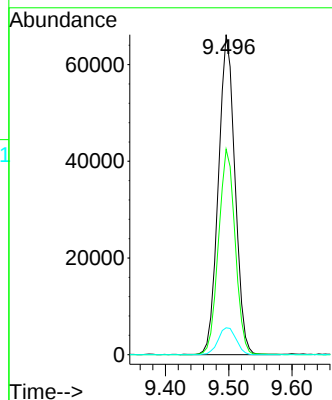


#47
Bromodichloromethane
Concen: 47.565 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :

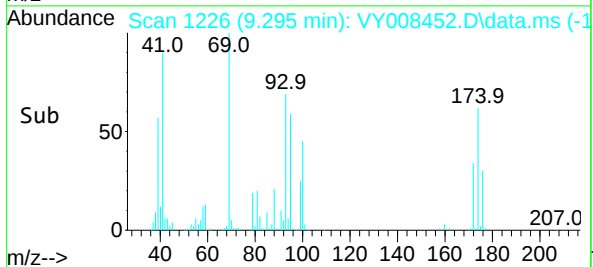
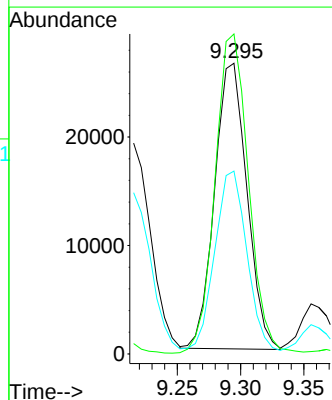
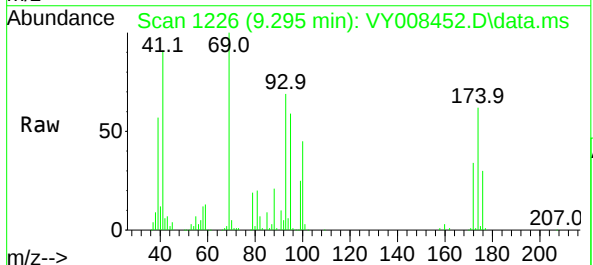


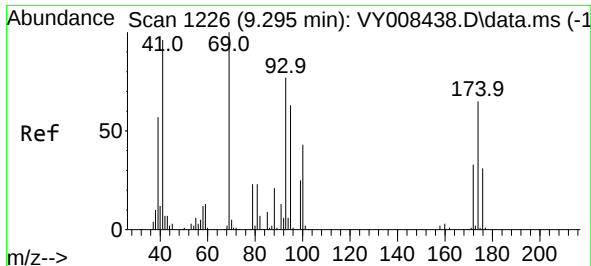
Tgt Ion: 83 Resp: 120416
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 44.550 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 41 Resp: 46812
Ion Ratio Lower Upper
41 100
69 115.0 58.2 87.2#
39 62.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1014.143 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

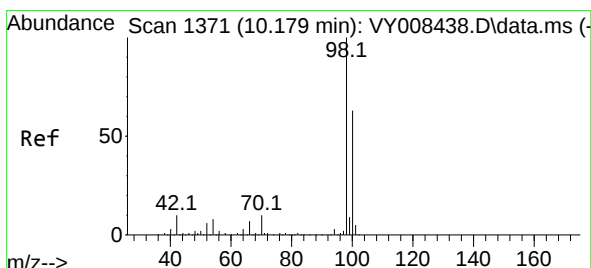
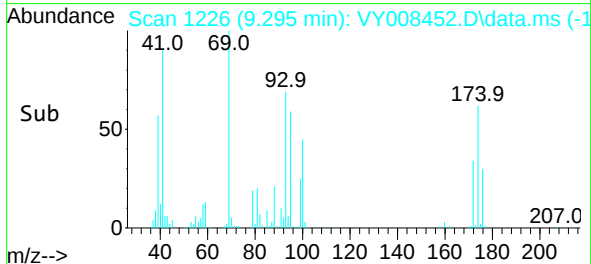
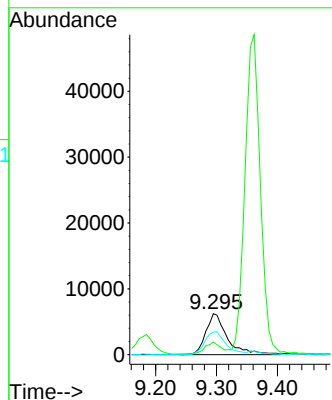
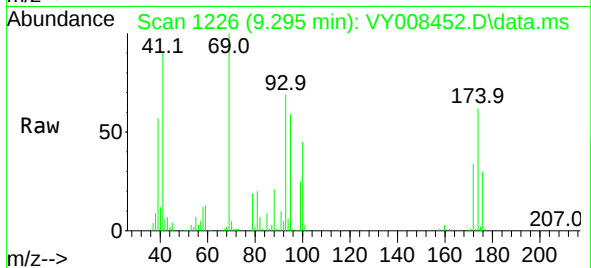
Tgt Ion: 88 Resp: 15251

Ion Ratio Lower Upper

88 100

43 20.1 32.8 49.2#

58 54.9 59.8 89.6#



#50

Toluene-d8

Concen: 45.248 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008452.D

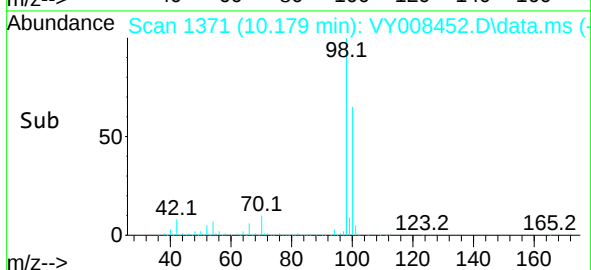
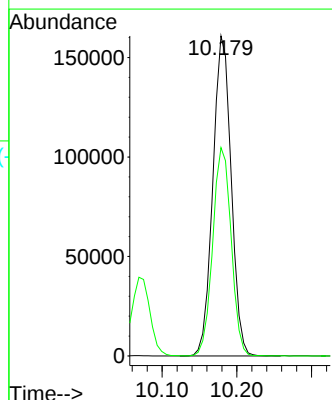
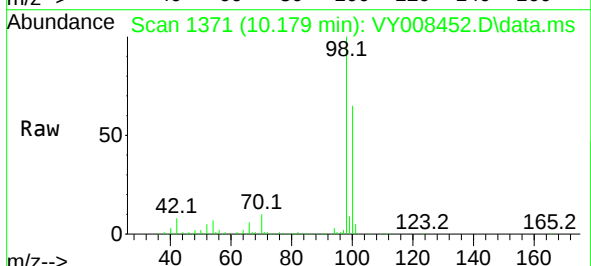
Acq: 21 Apr 2022 19:45

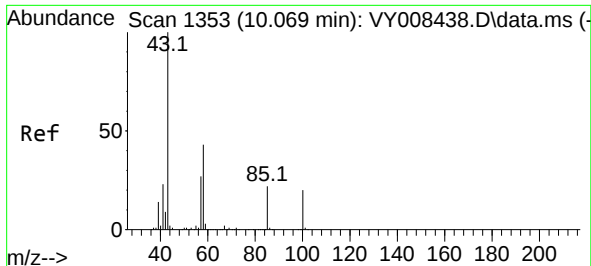
Tgt Ion: 98 Resp: 274120

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

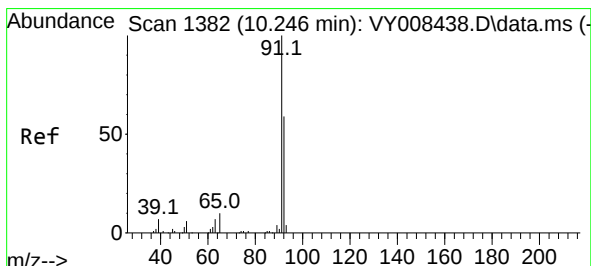
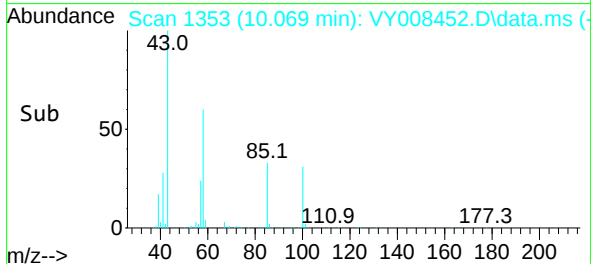
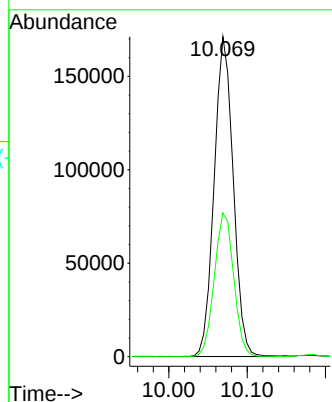
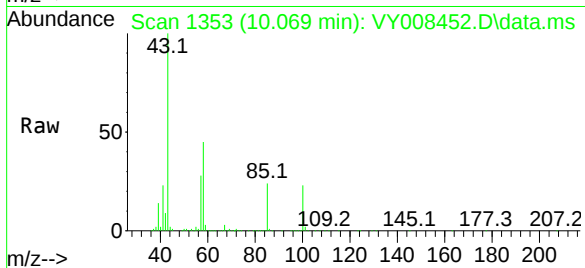




#51
4-Methyl-2-Pentanone
Concen: 222.645 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

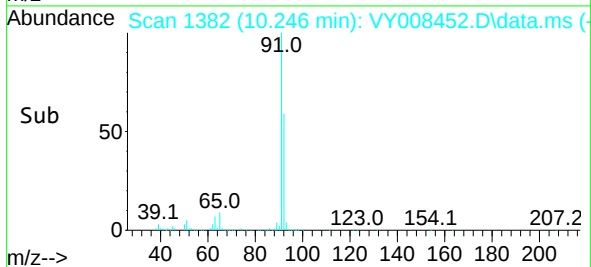
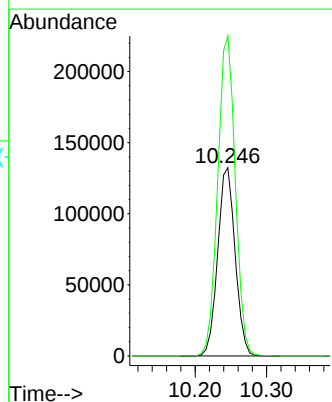
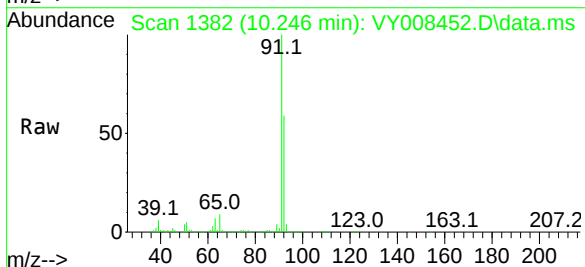
Instrument :
MSVOA_Y
ClientSampleId :

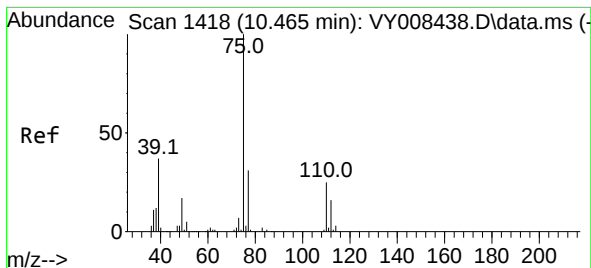
Tgt Ion: 43 Resp: 289446
Ion Ratio Lower Upper
43 100
58 45.9 28.1 42.1#



#52
Toluene
Concen: 47.780 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 92 Resp: 223979
Ion Ratio Lower Upper
92 100
91 170.9 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 46.874 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

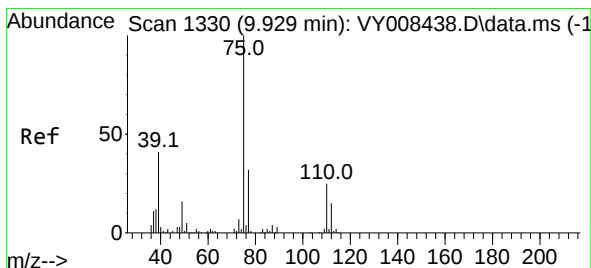
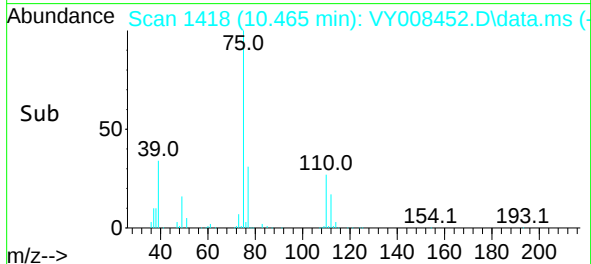
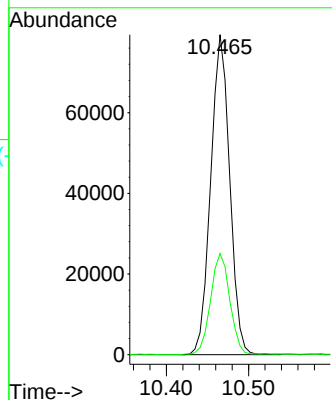
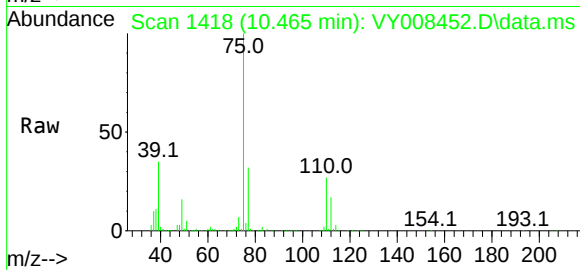
ClientSampleId :

Tgt Ion: 75 Resp: 127258

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 46.693 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

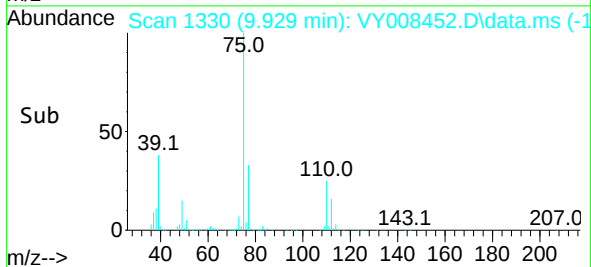
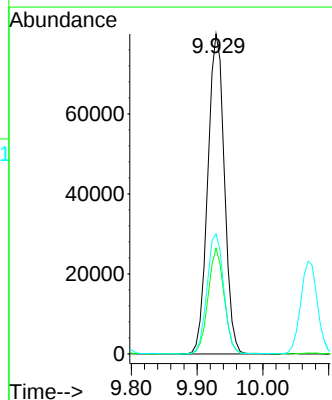
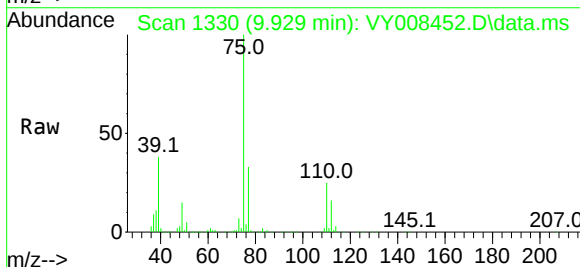
Tgt Ion: 75 Resp: 140476

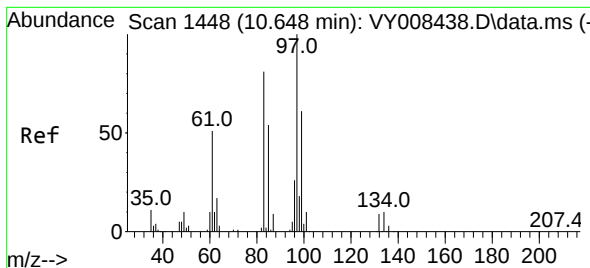
Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4

39 37.6 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 48.547 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 79020

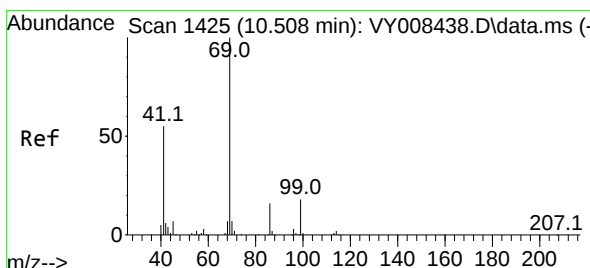
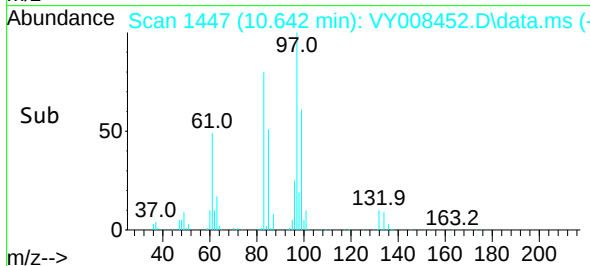
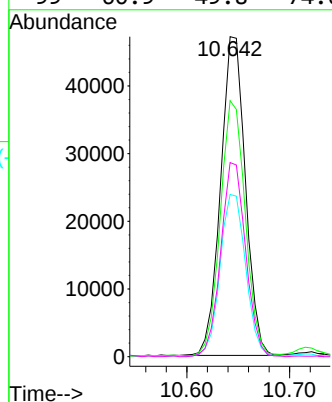
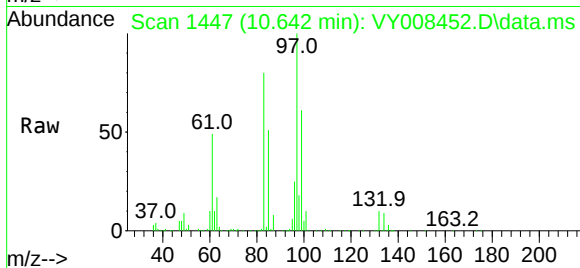
Ion Ratio Lower Upper

97 100

83 79.9 69.8 104.8

85 50.6 44.3 66.5

99 60.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 48.763 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

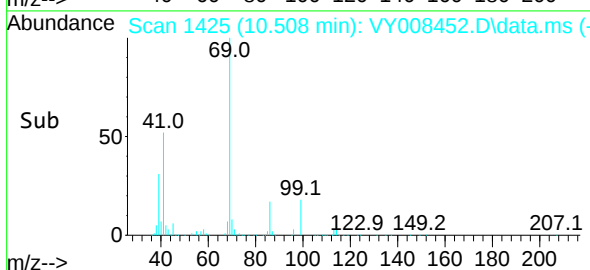
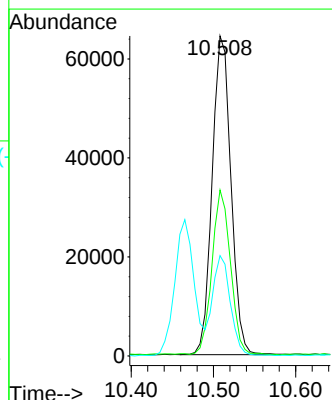
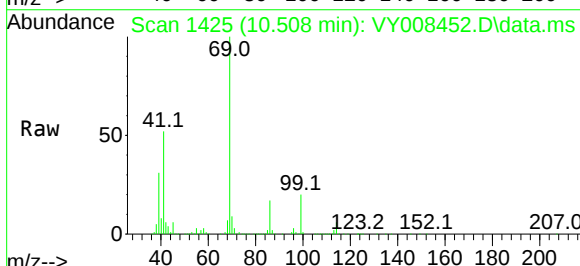
Tgt Ion: 69 Resp: 102483

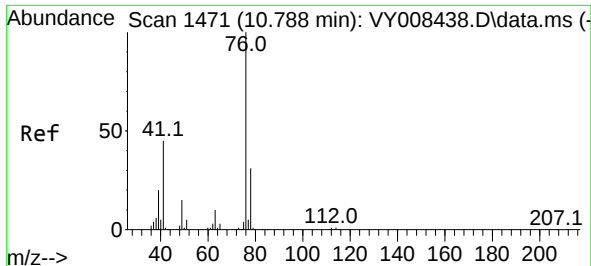
Ion Ratio Lower Upper

69 100

41 51.0 63.4 95.0#

39 29.5 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 46.740 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

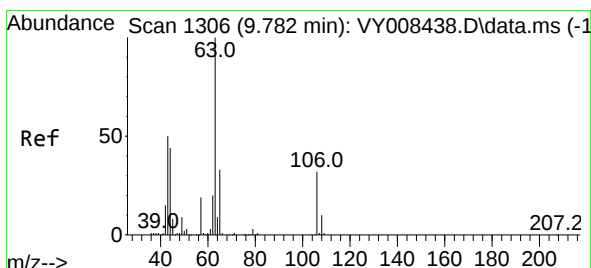
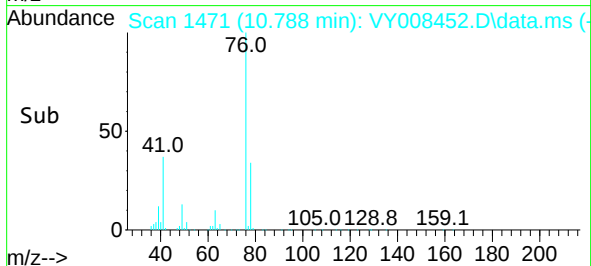
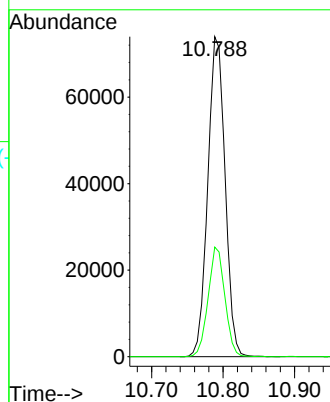
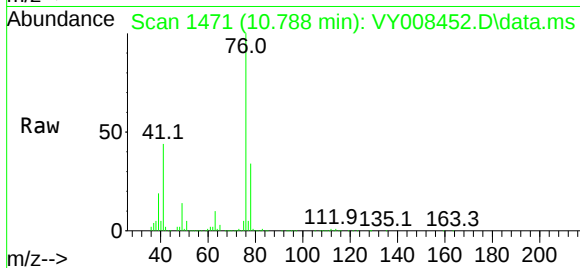
ClientSampleId :

Tgt Ion: 76 Resp: 124192

Ion Ratio Lower Upper

76 100

78 33.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 231.891 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008452.D

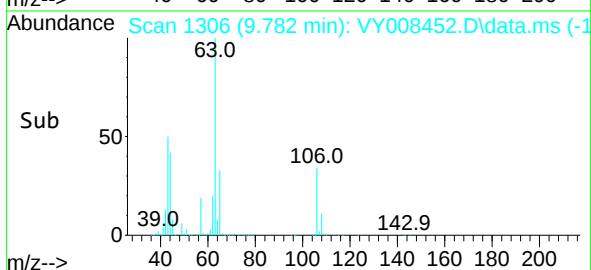
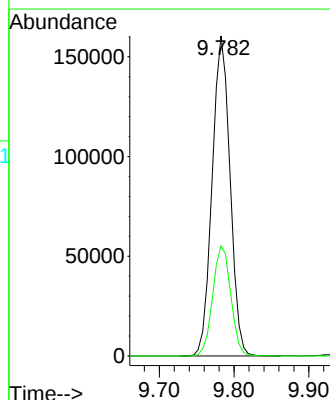
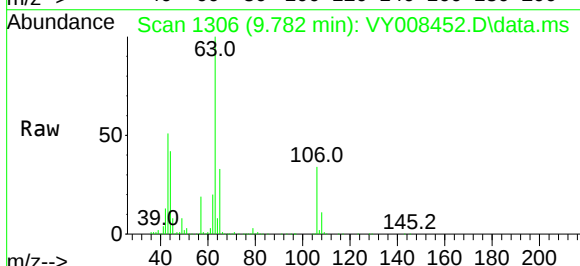
Acq: 21 Apr 2022 19:45

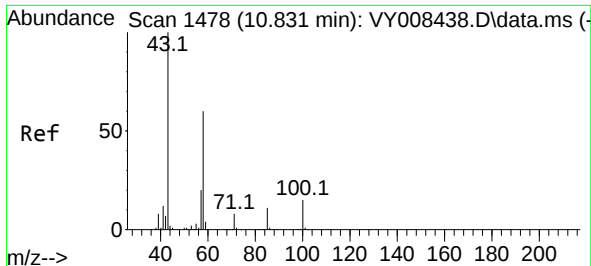
Tgt Ion: 63 Resp: 267097

Ion Ratio Lower Upper

63 100

106 34.7 21.5 32.3#

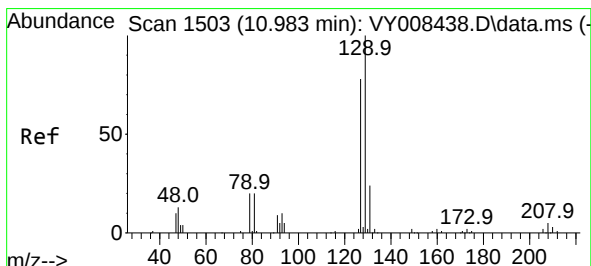
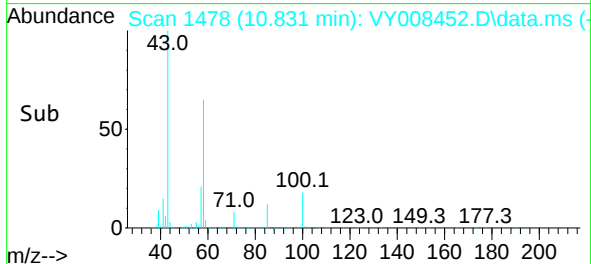
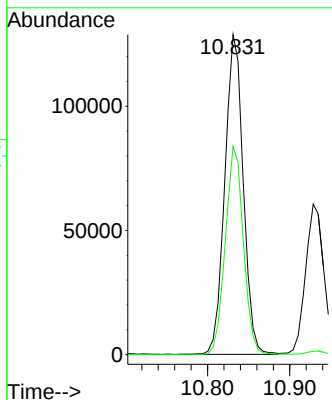
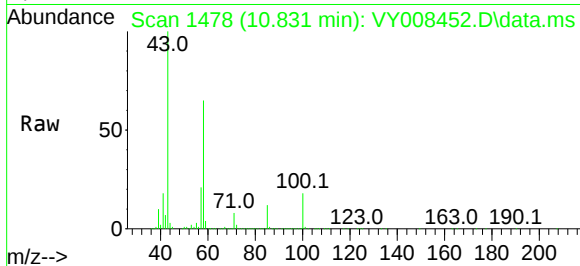




#59
2-Hexanone
Concen: 224.055 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

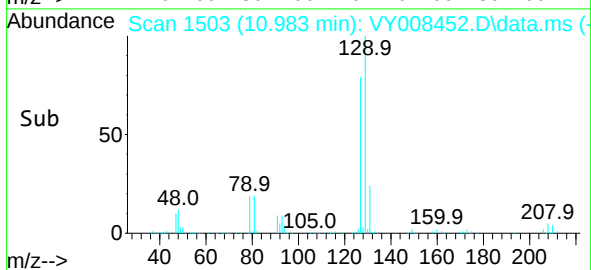
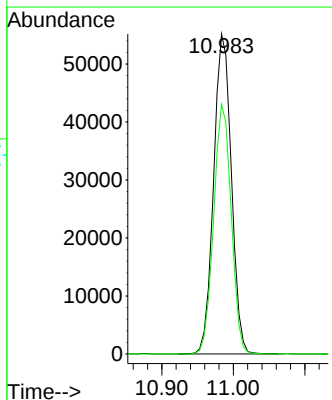
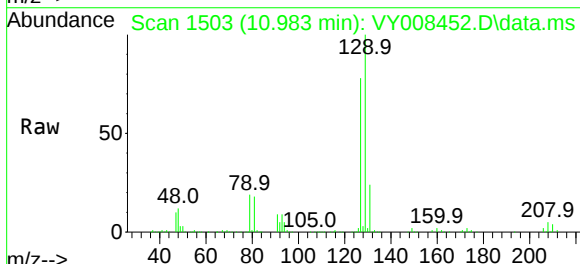
Instrument :
MSVOA_Y
ClientSampleId :

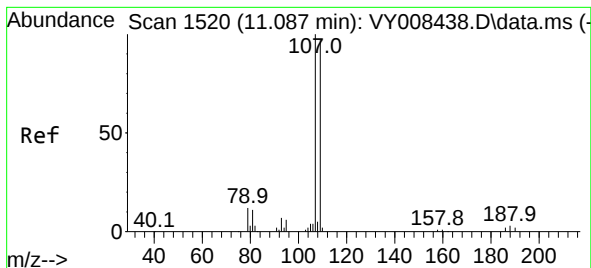
Tgt Ion: 43 Resp: 200445
Ion Ratio Lower Upper
43 100
58 64.2 24.4 73.4



#60
Dibromochloromethane
Concen: 50.682 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 129 Resp: 94780
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.963 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

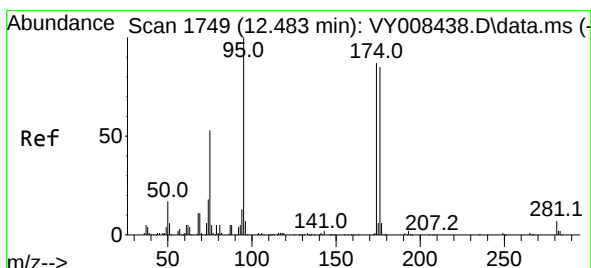
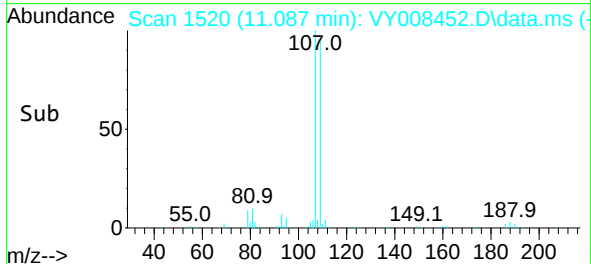
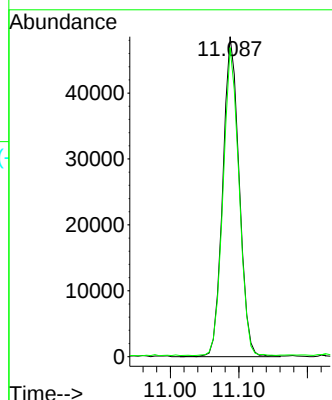
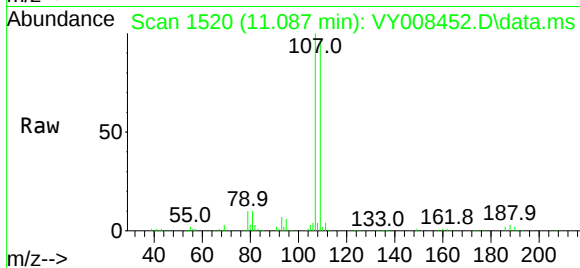
ClientSampleId :

Tgt Ion:107 Resp: 80434

Ion Ratio Lower Upper

107 100

109 93.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 48.785 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

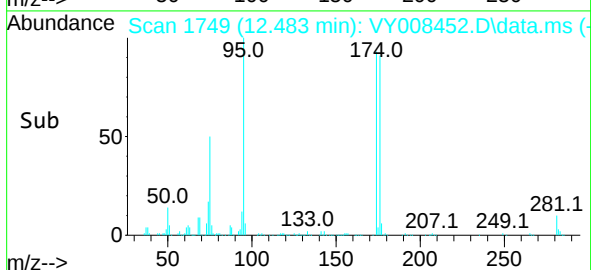
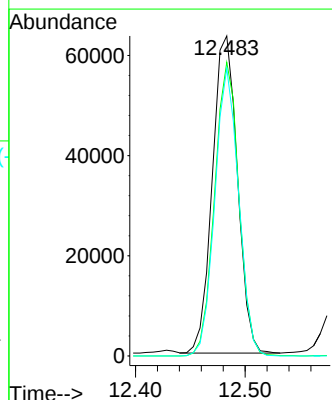
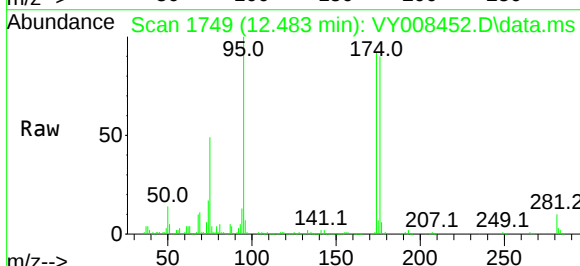
Tgt Ion: 95 Resp: 100340

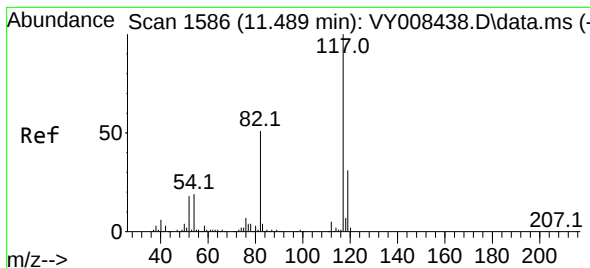
Ion Ratio Lower Upper

95 100

174 89.7 0.0 177.0

176 86.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

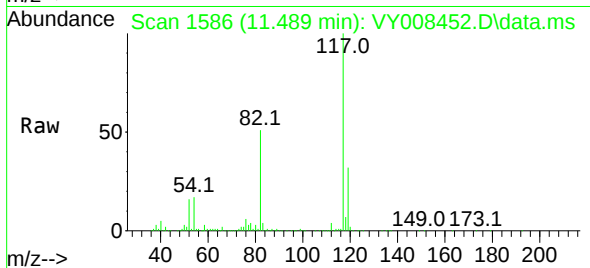
Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :



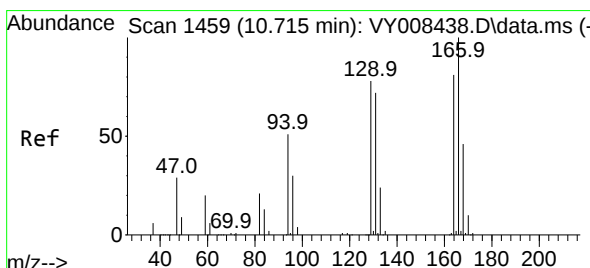
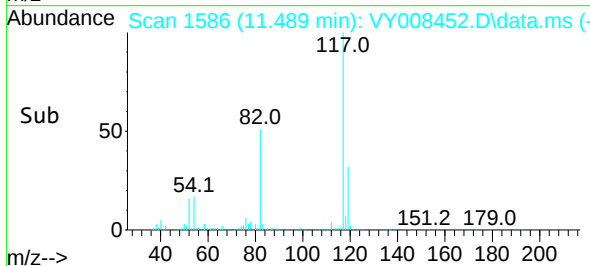
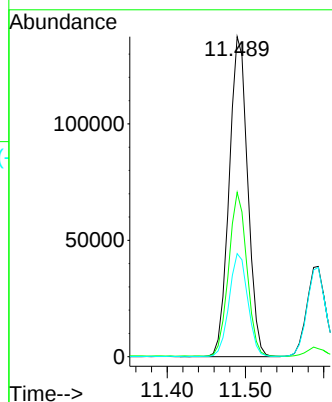
Tgt Ion:117 Resp: 225982

Ion Ratio Lower Upper

117 100

82 51.2 43.0 64.4

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 48.757 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Tgt Ion:164 Resp: 81708

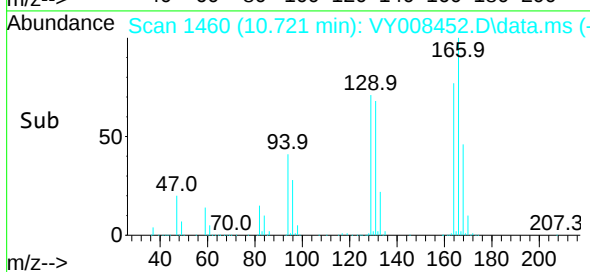
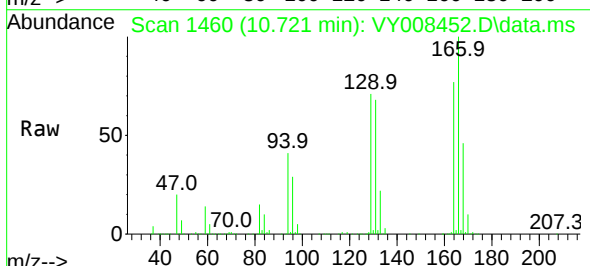
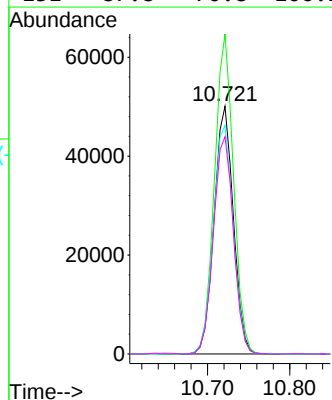
Ion Ratio Lower Upper

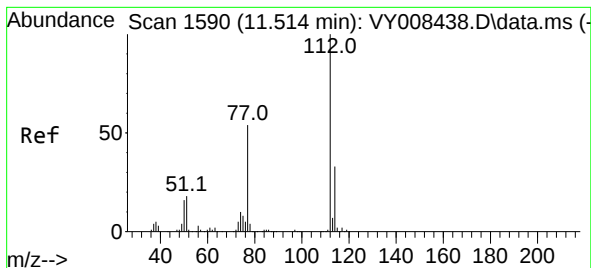
164 100

166 129.2 100.4 150.6

129 92.2 71.4 107.0

131 87.8 70.8 106.2





#65

Chlorobenzene

Concen: 49.088 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

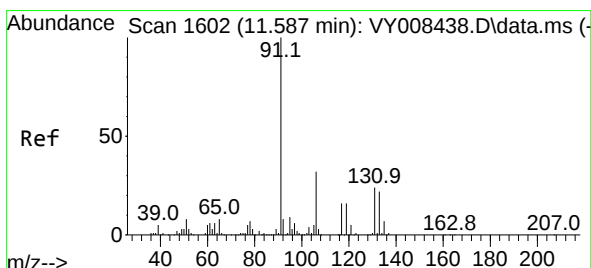
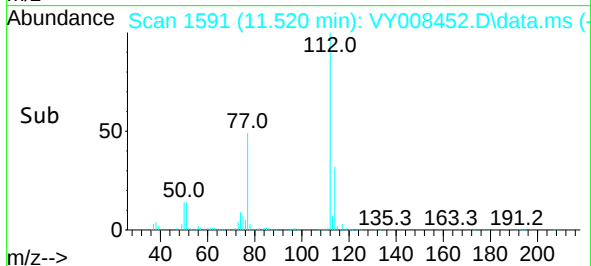
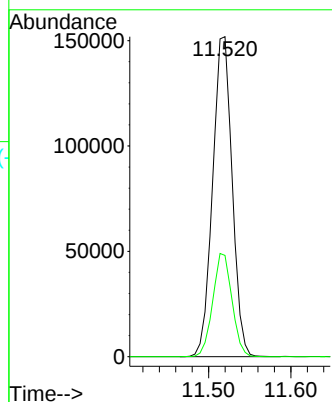
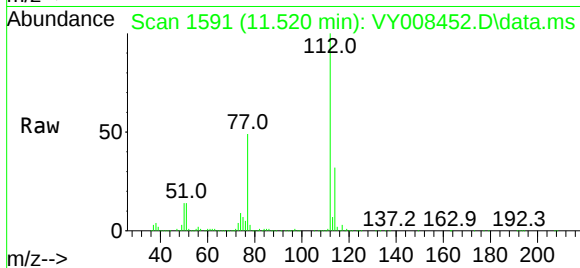
ClientSampleId :

Tgt Ion:112 Resp: 250824

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.659 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

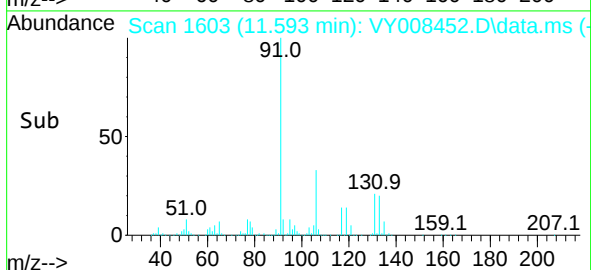
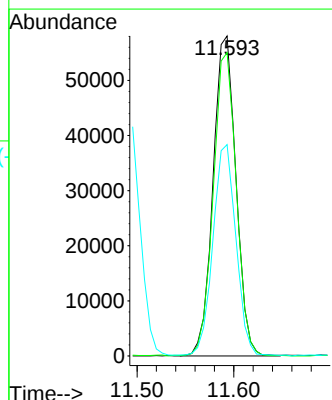
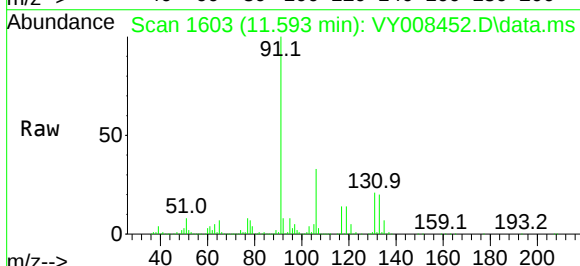
Tgt Ion:131 Resp: 95567

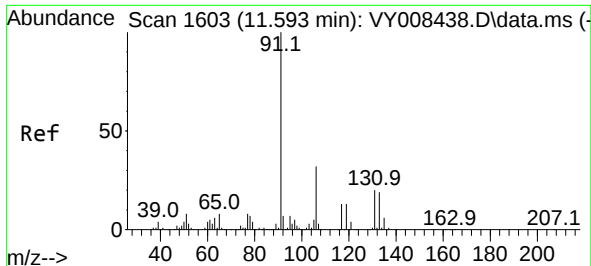
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 66.7 30.8 92.3





#67

Ethyl Benzene

Concen: 47.619 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

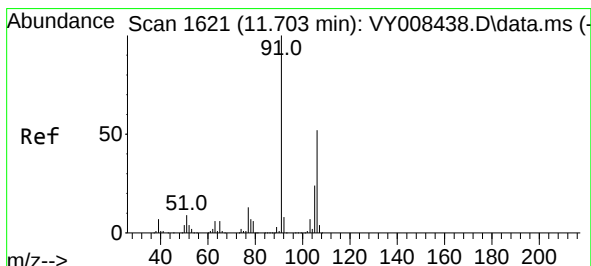
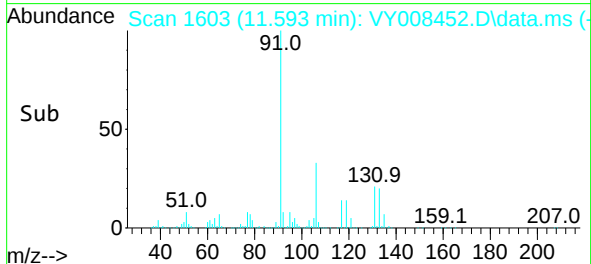
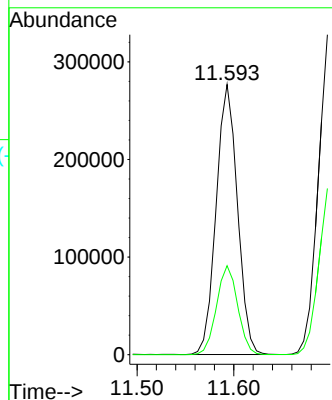
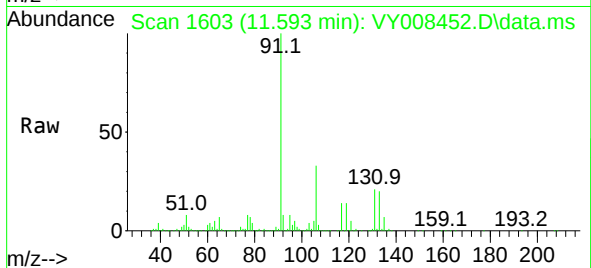
ClientSampleId :

Tgt Ion: 91 Resp: 422283

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 96.669 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008452.D

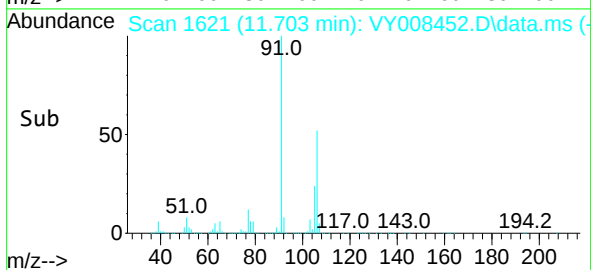
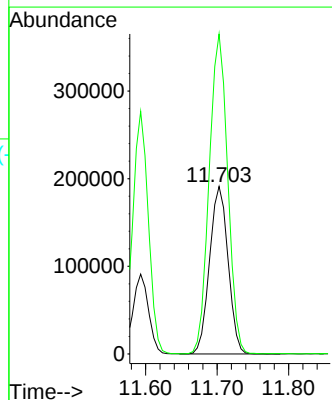
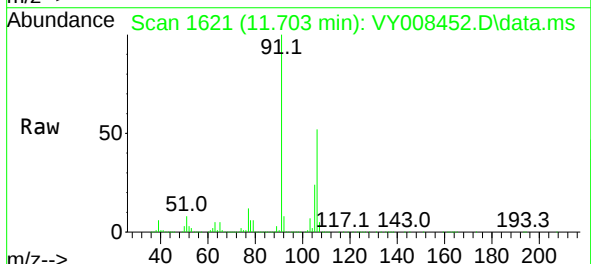
Acq: 21 Apr 2022 19:45

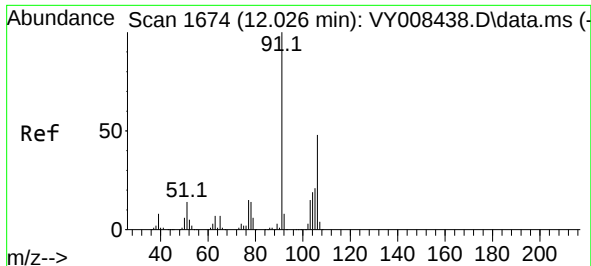
Tgt Ion: 106 Resp: 343380

Ion Ratio Lower Upper

106 100

91 190.6 166.6 249.8





#69

o-Xylene

Concen: 49.125 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

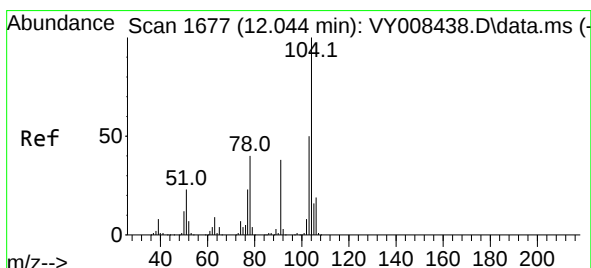
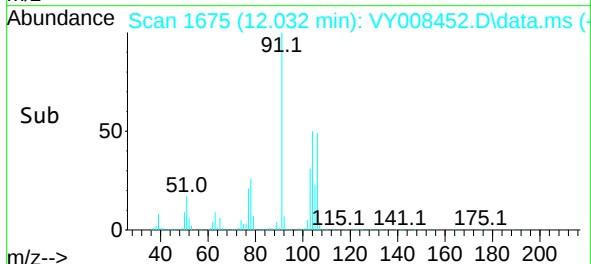
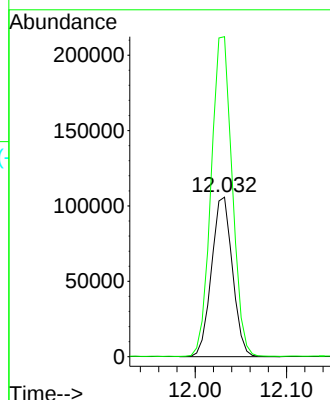
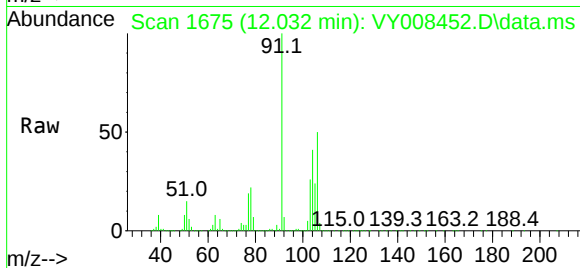
ClientSampleId :

Tgt Ion:106 Resp: 167995

Ion Ratio Lower Upper

106 100

91 201.9 110.3 331.0



#70

Styrene

Concen: 48.712 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

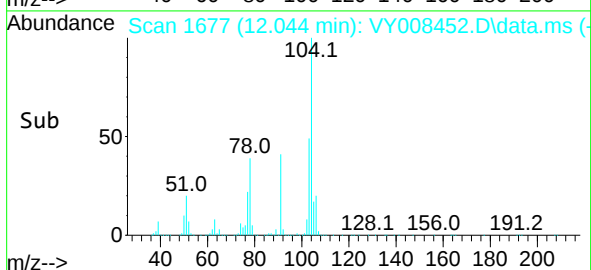
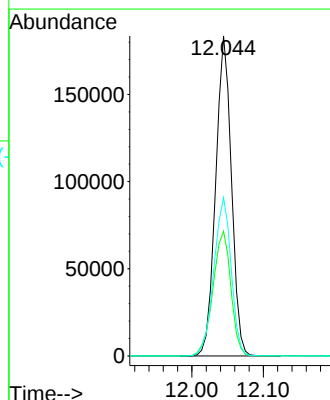
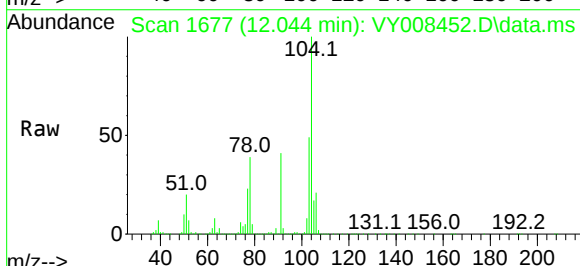
Tgt Ion:104 Resp: 280726

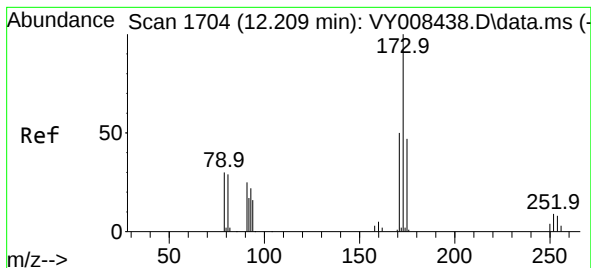
Ion Ratio Lower Upper

104 100

78 44.4 42.4 63.6

103 54.4 44.4 66.6





#71

Bromoform

Concen: 53.126 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY008452.D

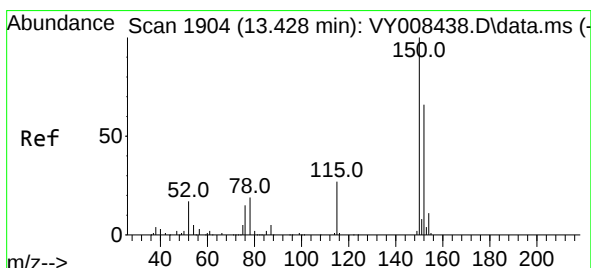
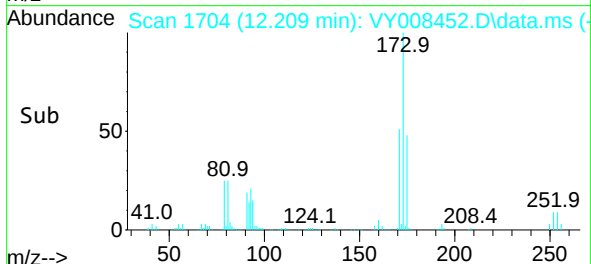
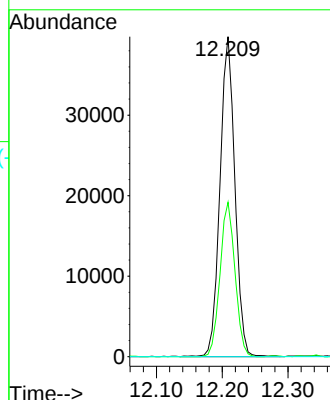
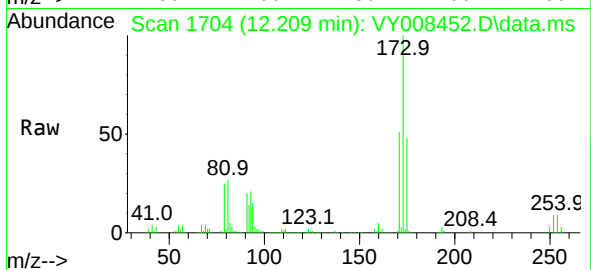
Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	62809
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.6	74.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

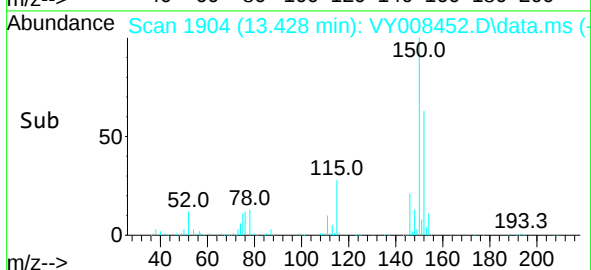
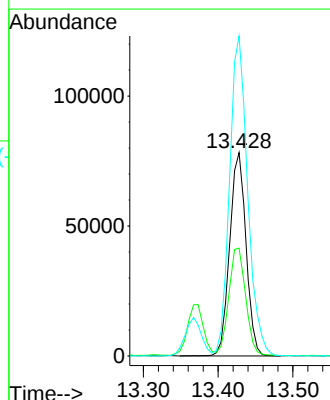
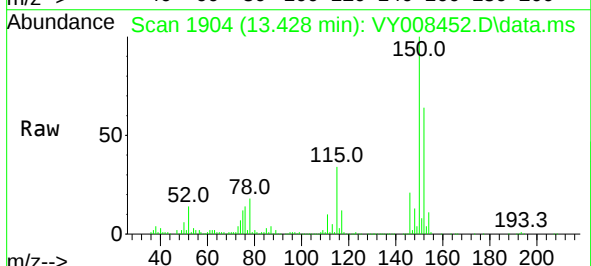
RT: 13.428 min Scan# 1904

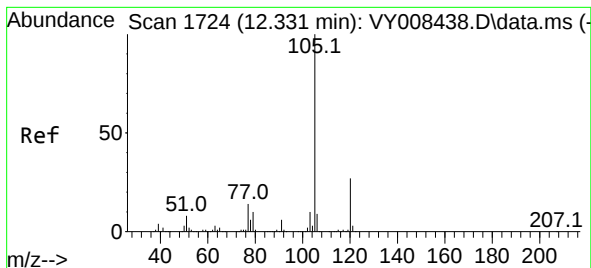
Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Tgt Ion:	152	Resp:	119364
Ion Ratio	Lower	Upper	
152	100		
115	54.5	28.2	84.7
150	173.6	0.0	347.6





#73

Isopropylbenzene

Concen: 47.446 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

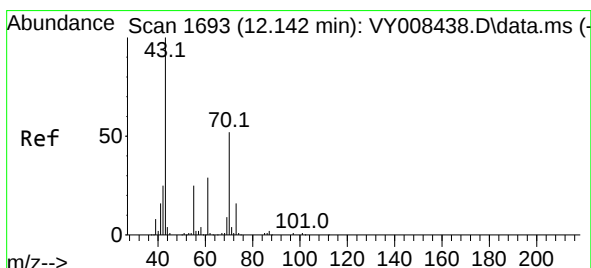
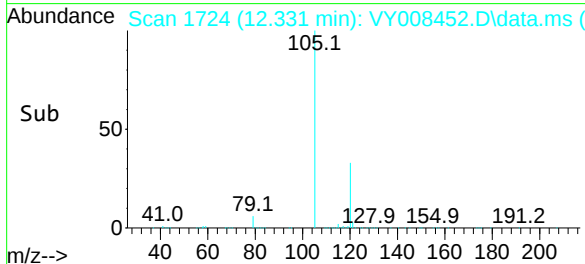
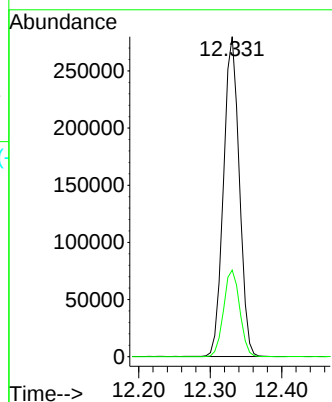
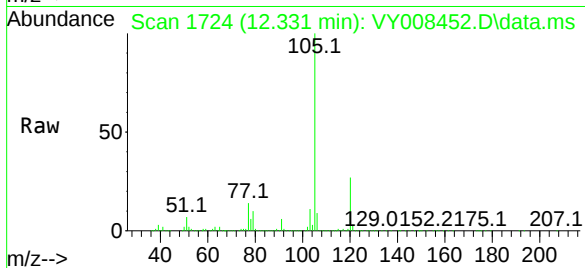
ClientSampleId :

Tgt Ion:105 Resp: 429395

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



#74

N-ethyl acetate

Concen: 43.752 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Tgt Ion: 43 Resp: 97837

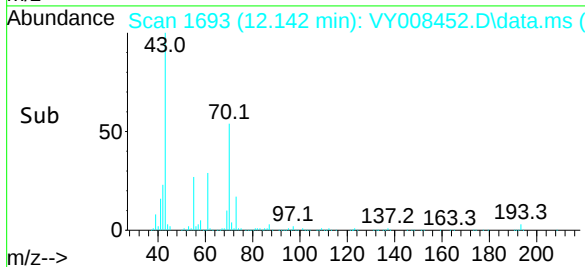
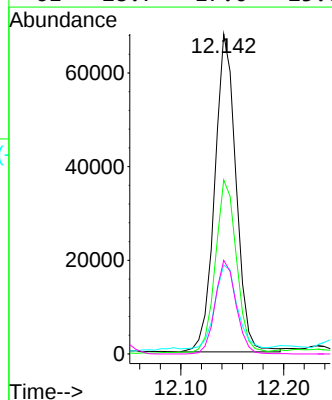
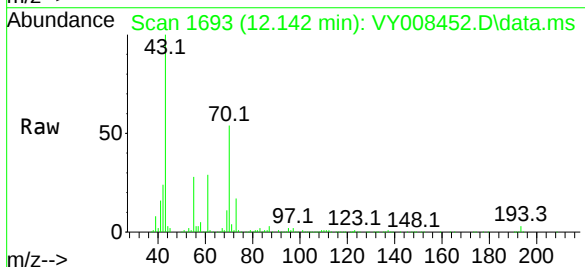
Ion Ratio Lower Upper

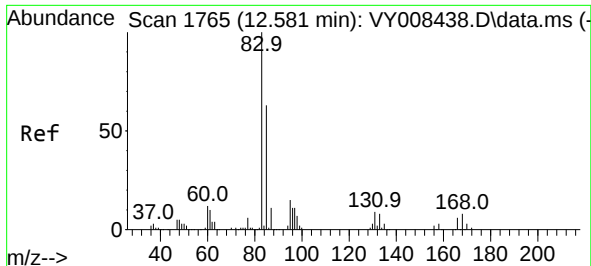
43 100

70 54.4 28.7 43.1#

55 29.7 17.3 25.9#

61 28.7 17.0 25.6#

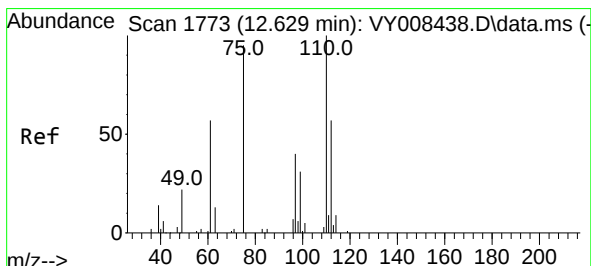
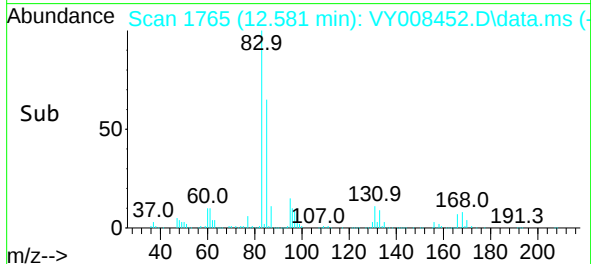
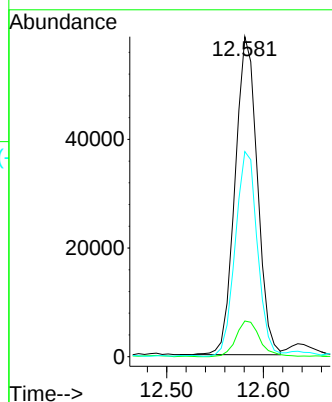
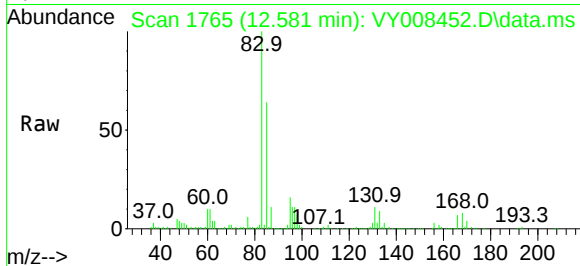




#75
1,1,2,2-Tetrachloroethane
Concen: 46.359 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

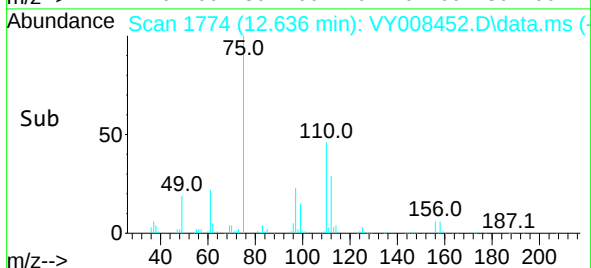
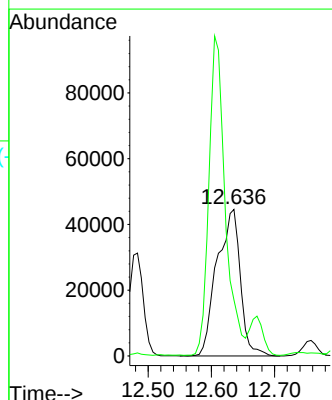
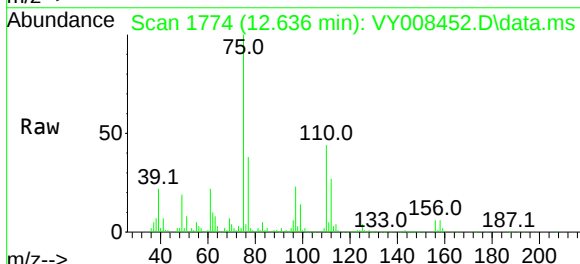
Instrument :
MSVOA_Y
ClientSampleId :

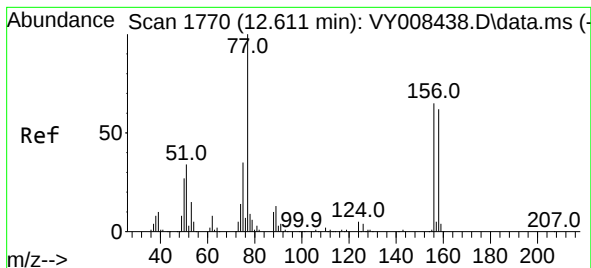
Tgt Ion: 83 Resp: 93742
Ion Ratio Lower Upper
83 100
131 12.2 5.6 16.8
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 74.137 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 75 Resp: 114524
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.178 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

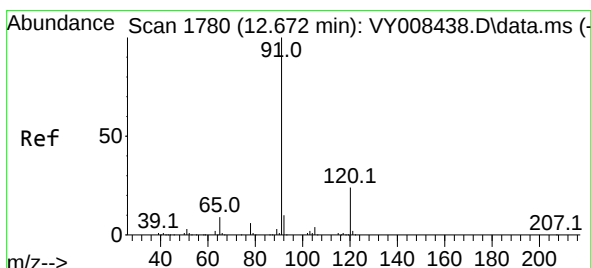
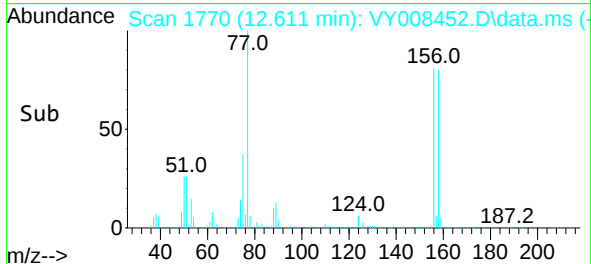
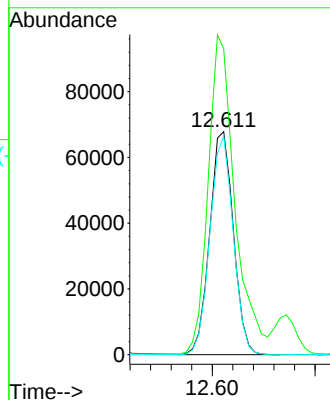
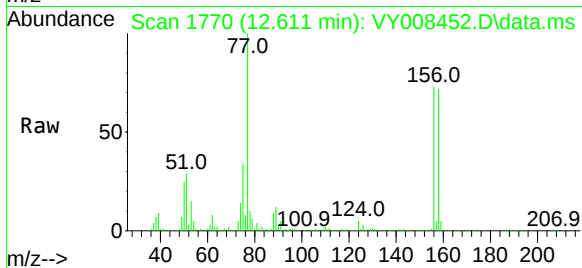
Tgt Ion:156 Resp: 108545

Ion Ratio Lower Upper

156 100

77 161.1 95.5 286.4

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 45.864 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008452.D

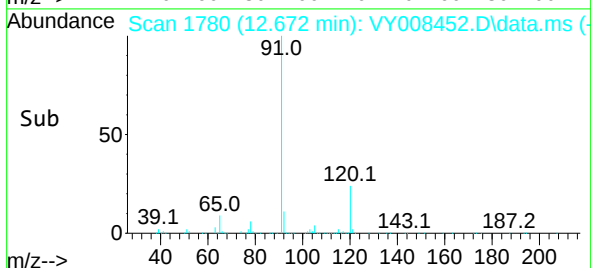
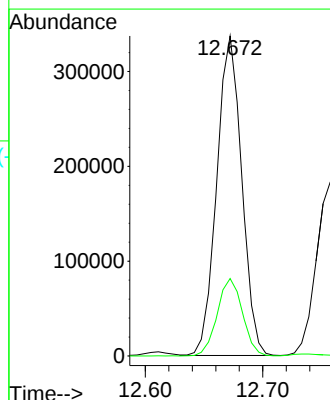
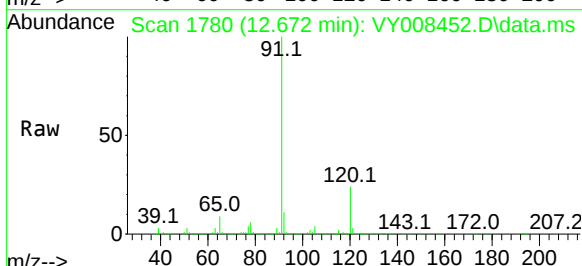
Acq: 21 Apr 2022 19:45

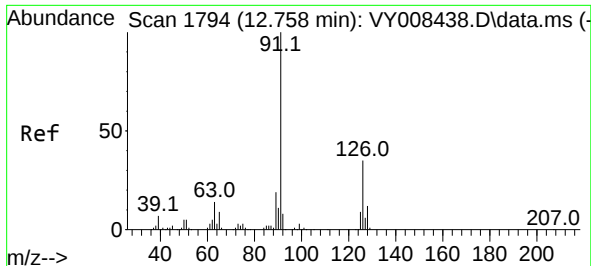
Tgt Ion: 91 Resp: 497871

Ion Ratio Lower Upper

91 100

120 24.5 11.3 33.9

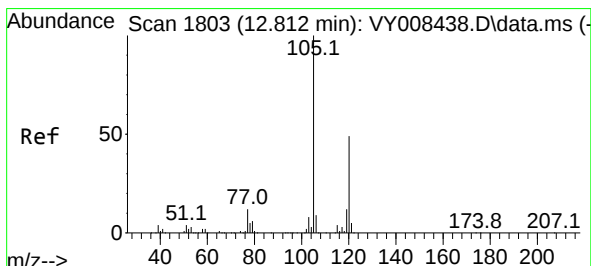
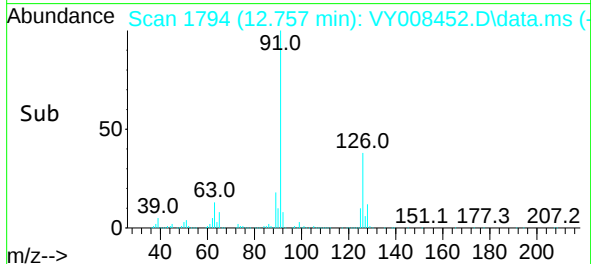
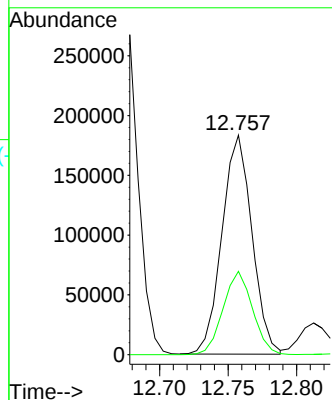
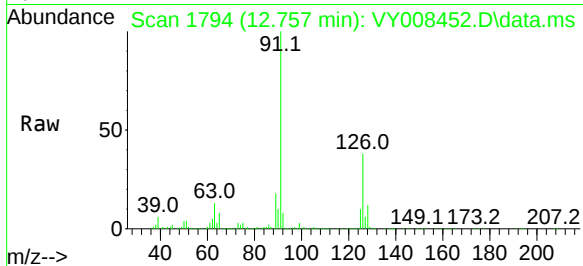




#79
2-Chlorotoluene
Concen: 45.742 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

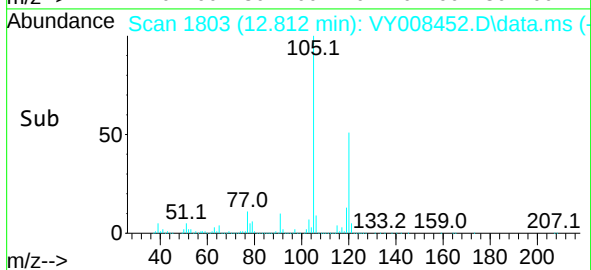
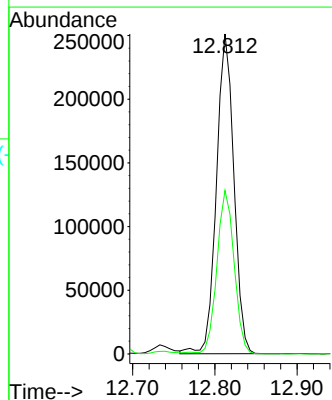
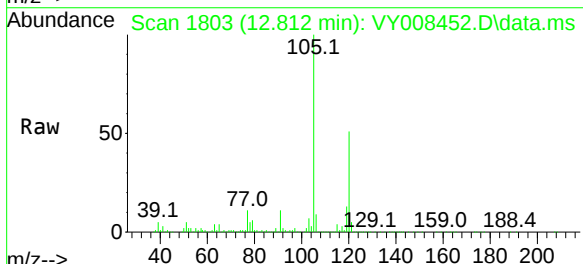
Instrument :
MSVOA_Y
ClientSampleId :

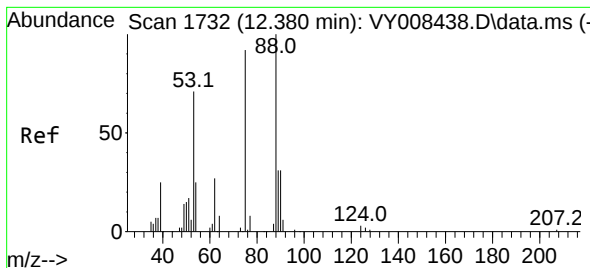
Tgt Ion: 91 Resp: 279467
Ion Ratio Lower Upper
91 100
126 37.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.343 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 105 Resp: 370663
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

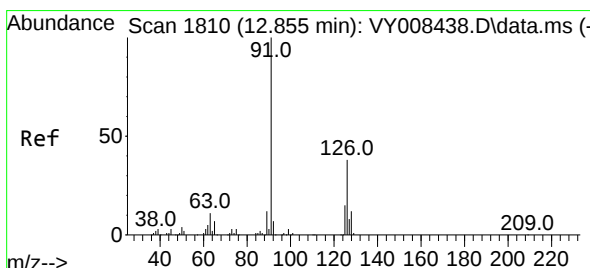
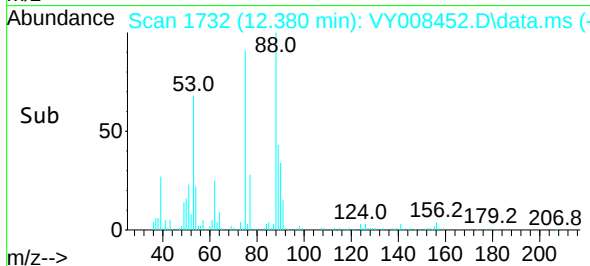
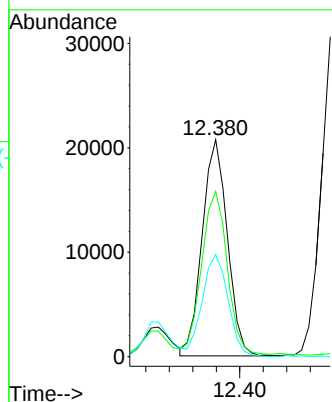
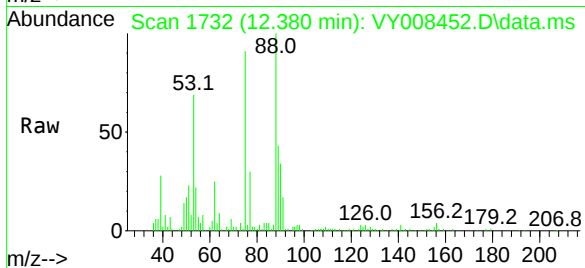




#81
trans-1,4-Dichloro-2-butene
Concen: 46.261 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

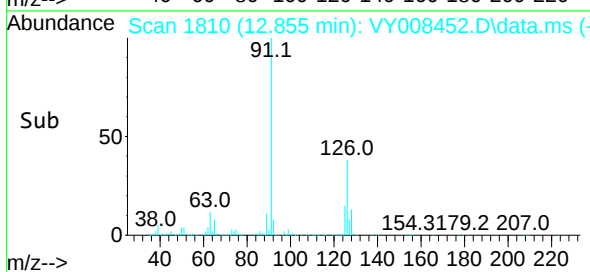
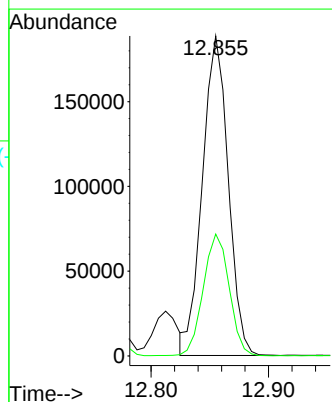
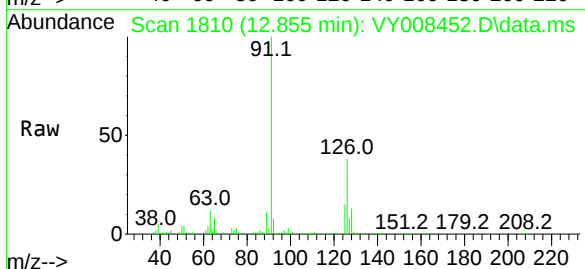
Instrument :
MSVOA_Y
ClientSampleId :

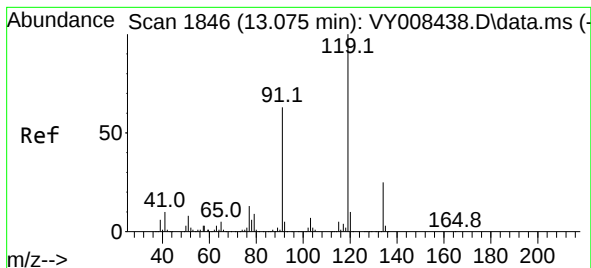
Tgt Ion: 75 Resp: 30804
Ion Ratio Lower Upper
75 100
53 76.3 85.3 127.9#
89 48.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 45.430 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 91 Resp: 287629
Ion Ratio Lower Upper
91 100
126 38.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 48.562 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

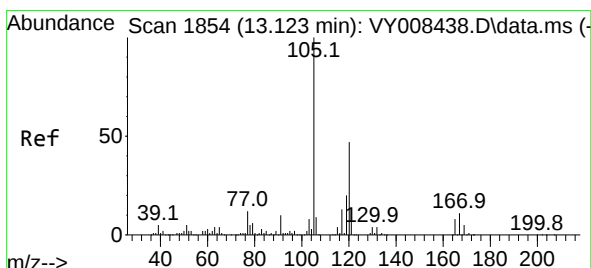
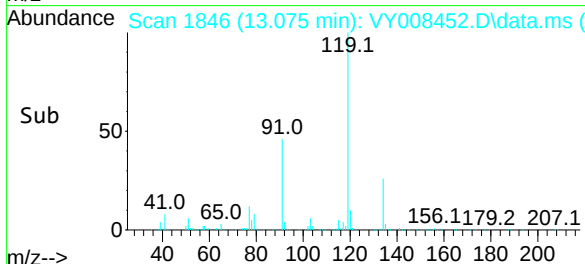
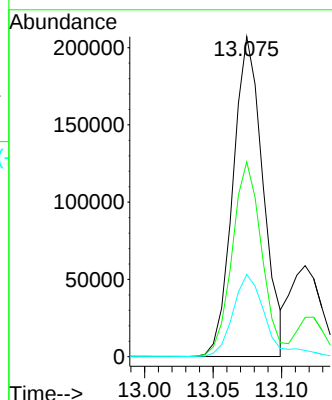
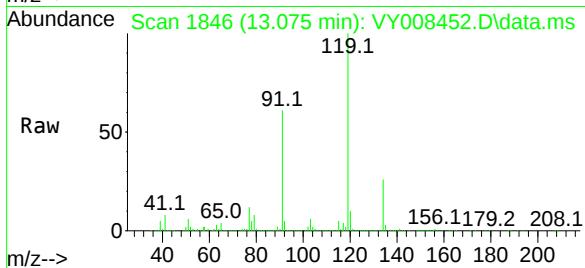
Tgt Ion:119 Resp: 316683

Ion Ratio Lower Upper

119 100

91 60.0 34.8 104.4

134 27.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.069 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008452.D

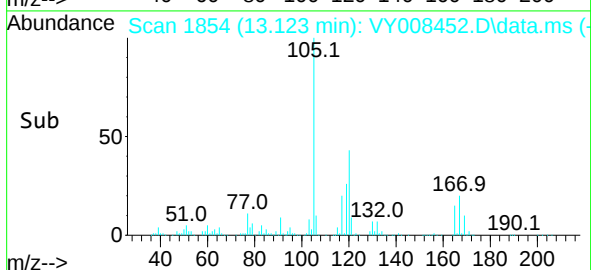
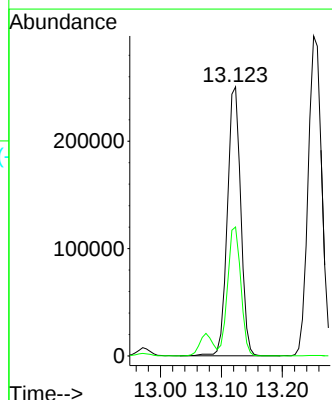
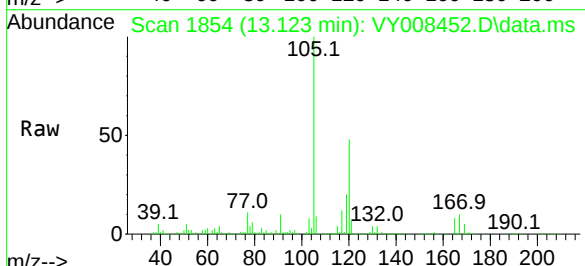
Acq: 21 Apr 2022 19:45

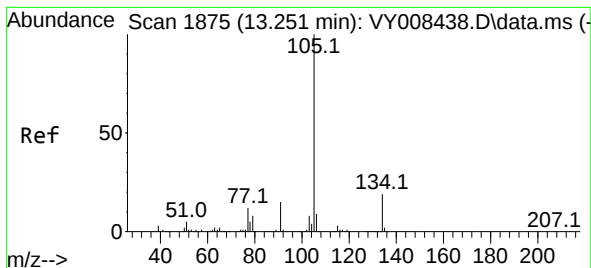
Tgt Ion:105 Resp: 380643

Ion Ratio Lower Upper

105 100

120 47.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.792 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

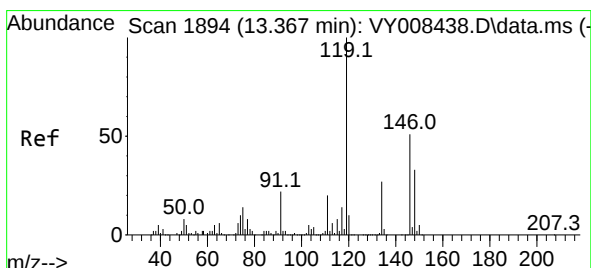
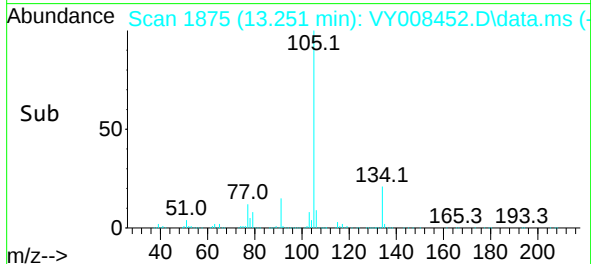
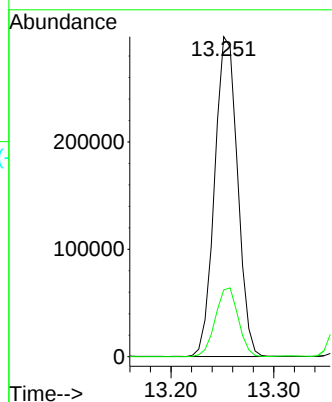
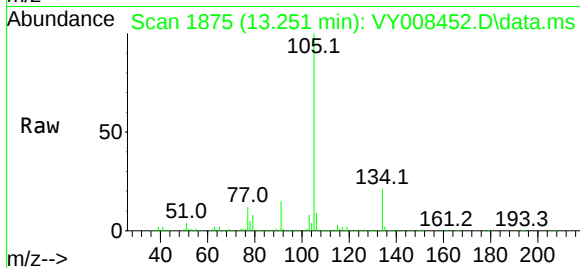
ClientSampleId :

Tgt Ion:105 Resp: 460500

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.382 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

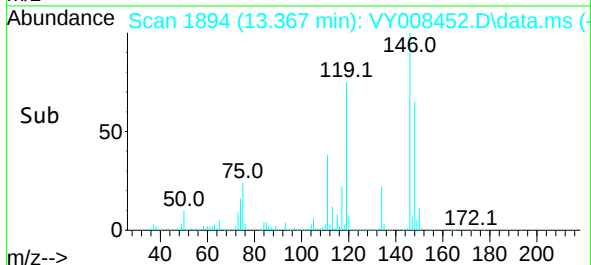
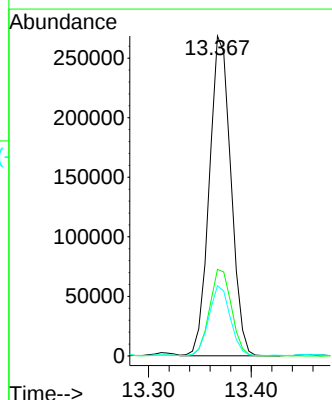
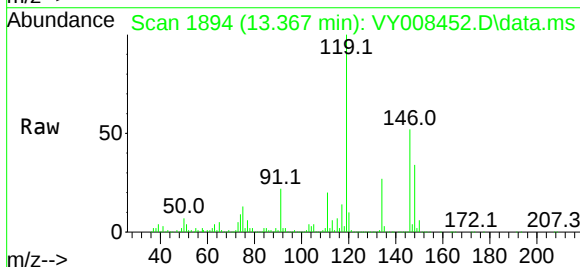
Tgt Ion:119 Resp: 390524

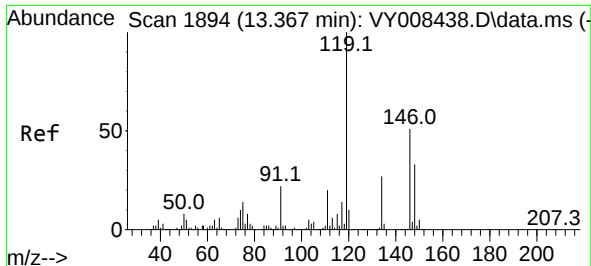
Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.5

91 21.5 12.4 37.2

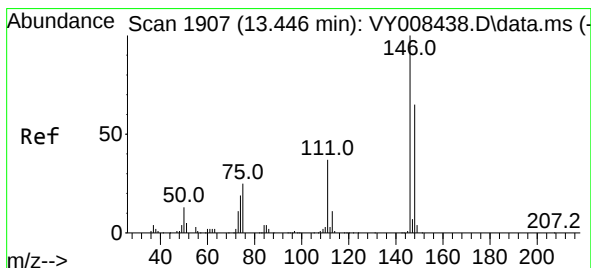
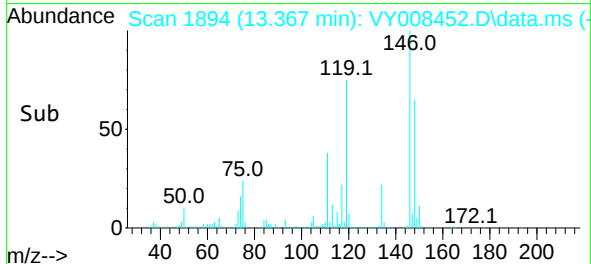
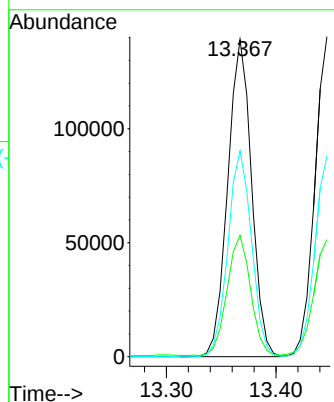
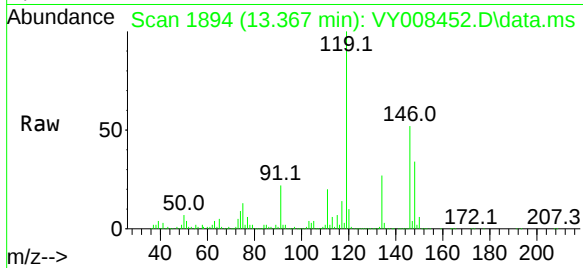




#87
 1,3-Dichlorobenzene
 Concen: 47.456 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008452.D
 Acq: 21 Apr 2022 19:45

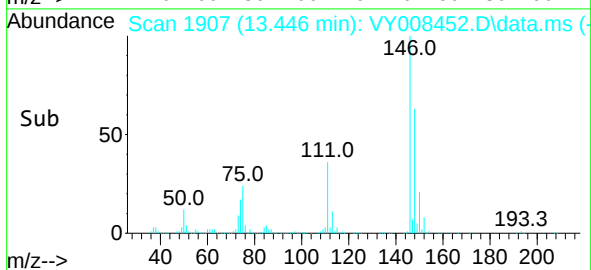
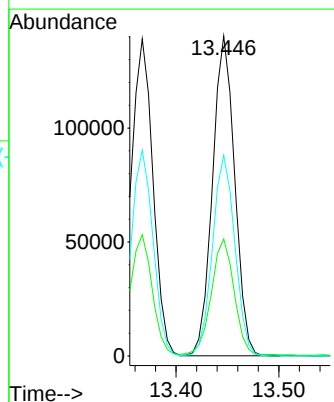
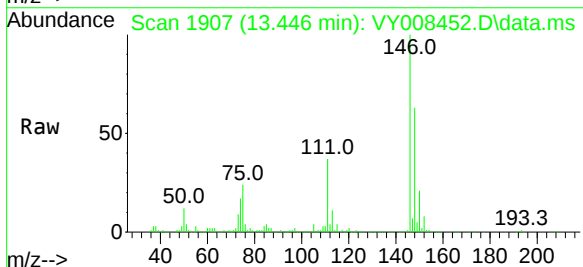
Instrument :
 MSVOA_Y
 ClientSampleId :

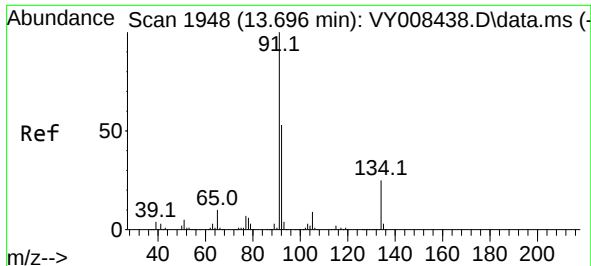
Tgt Ion:146 Resp: 209700
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.5 58.5
 148 64.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.105 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008452.D
 Acq: 21 Apr 2022 19:45

Tgt Ion:146 Resp: 210571
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.3 57.8
 148 63.4 32.6 97.8

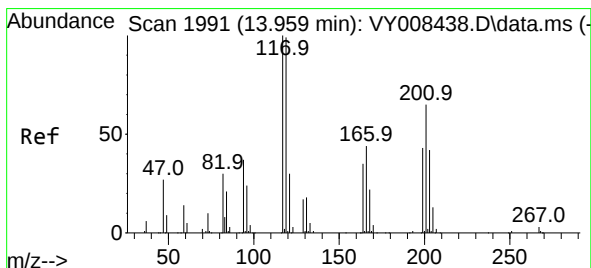
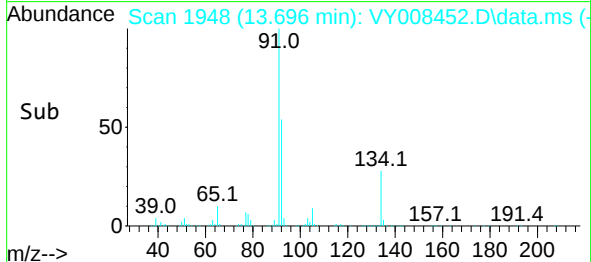
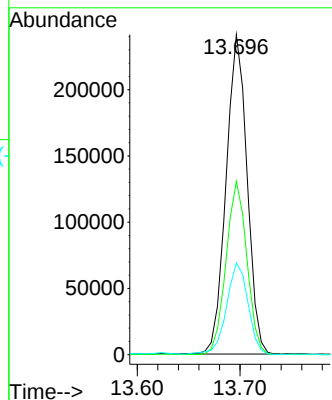
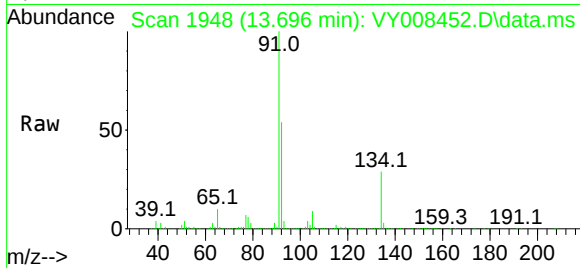




#89
n-Butylbenzene
Concen: 45.729 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

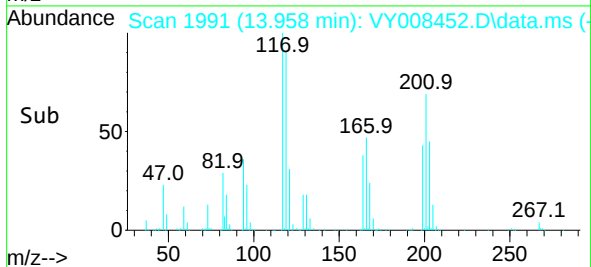
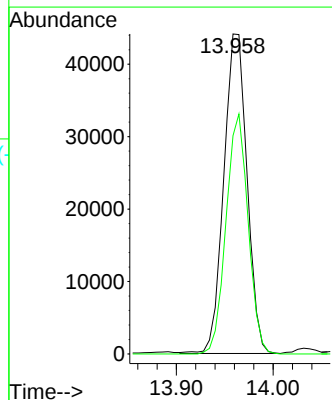
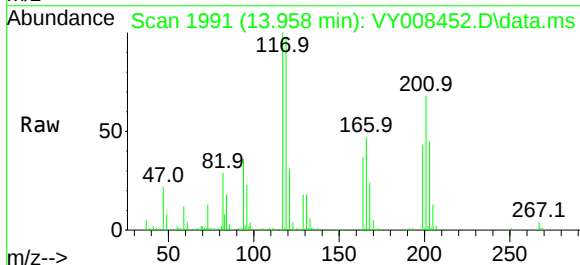
Instrument :
MSVOA_Y
ClientSampleId :

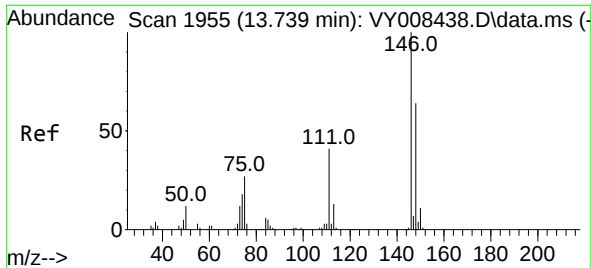
Tgt Ion: 91 Resp: 342084
Ion Ratio Lower Upper
91 100
92 54.0 26.3 78.9
134 29.5 13.0 38.9



#90
Hexachloroethane
Concen: 49.652 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 117 Resp: 73574
Ion Ratio Lower Upper
117 100
201 71.3 43.0 128.8

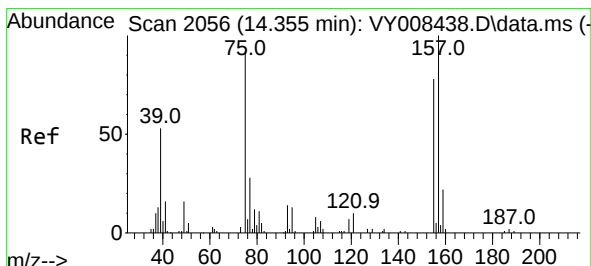
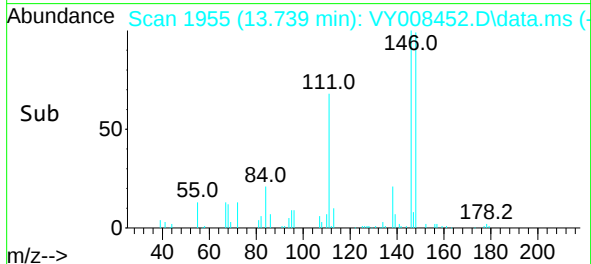
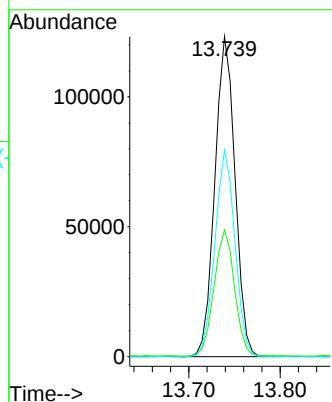
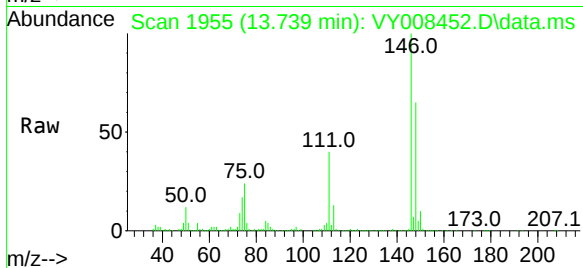




#91
1,2-Dichlorobenzene
Concen: 48.193 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

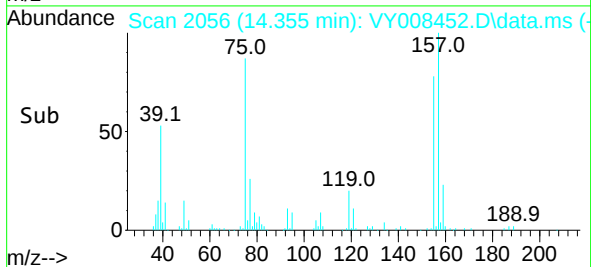
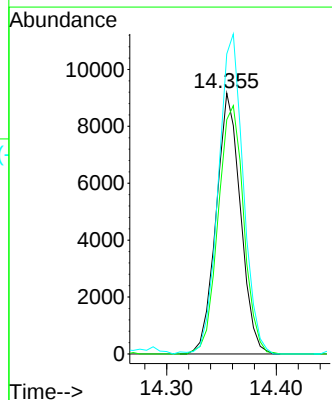
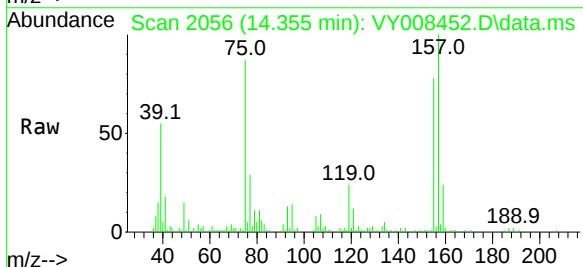
Instrument :
MSVOA_Y
ClientSampleId :

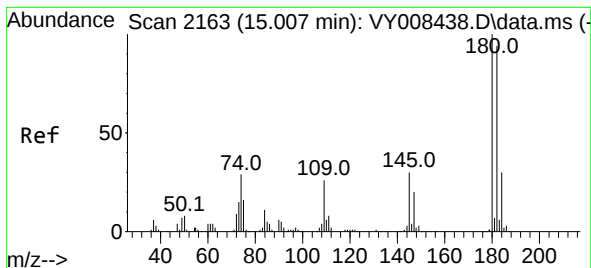
Tgt Ion:146 Resp: 189357
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 64.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.544 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008452.D
Acq: 21 Apr 2022 19:45

Tgt Ion: 75 Resp: 14144
Ion Ratio Lower Upper
75 100
155 99.7 38.0 113.9
157 125.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.012 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

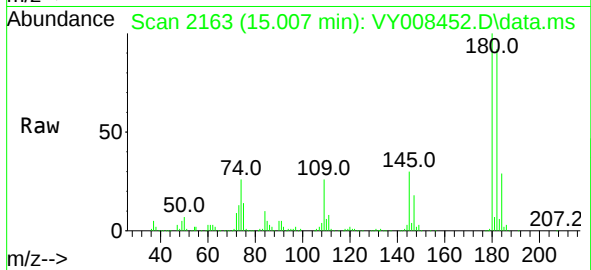
Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :



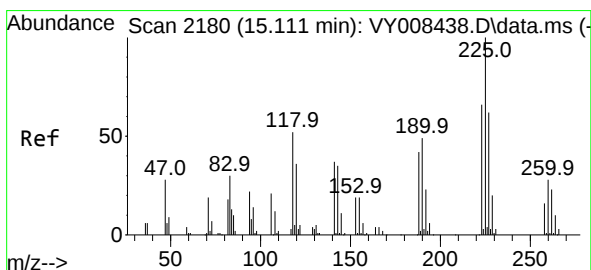
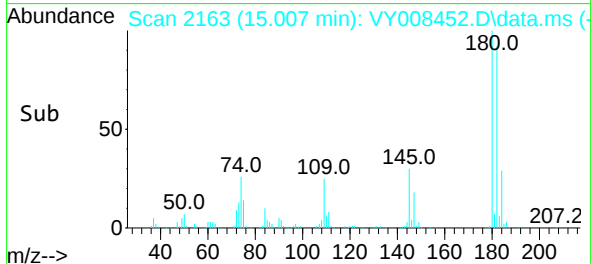
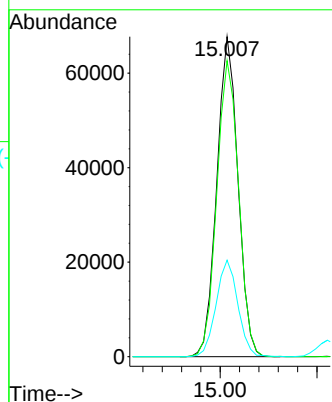
Tgt Ion:180 Resp: 102819

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 31.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.419 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

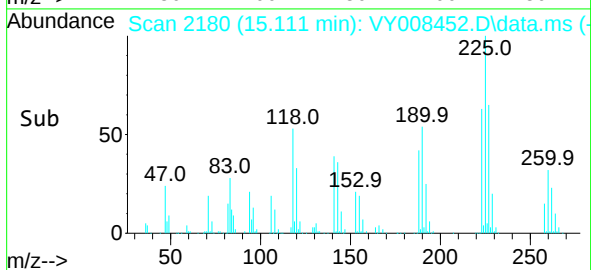
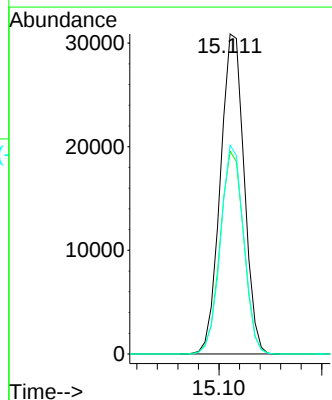
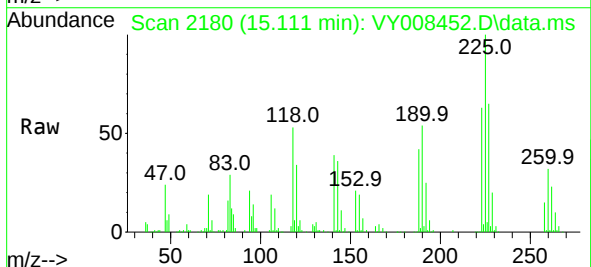
Tgt Ion:225 Resp: 49535

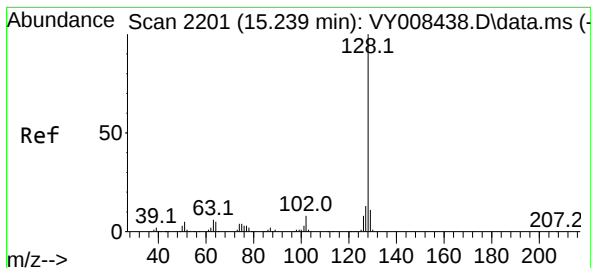
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 49.053 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

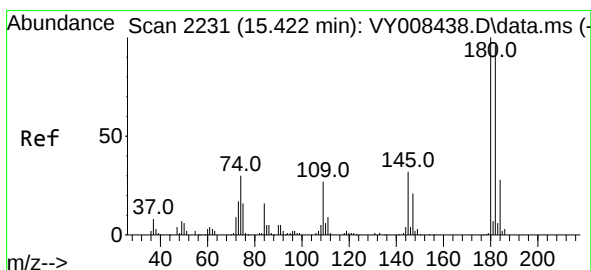
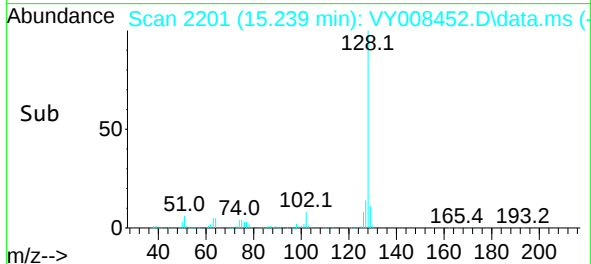
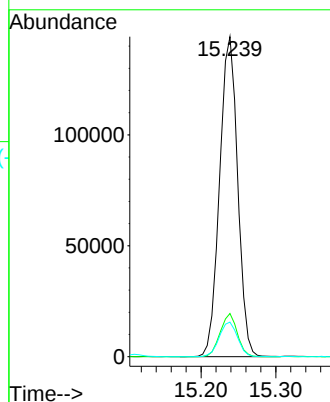
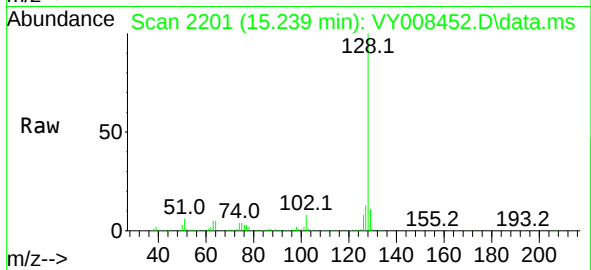
Tgt Ion:128 Resp: 243212

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.287 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY008452.D

Acq: 21 Apr 2022 19:45

Tgt Ion:180 Resp: 88608

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 32.7 15.3 45.9

