

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008937.D
 Acq On : 21 May 2022 09:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 21 21:26:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	54334	40.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.420%
35) Dibromofluoromethane	7.716	113	60548	42.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.820%
50) Toluene-d8	10.179	98	204607	38.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.700%
62) 4-Bromofluorobenzene	12.483	95	106349	50.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60778	50.607	ug/l	100
3) Chloromethane	2.113	50	99265	57.693	ug/l	95
4) Vinyl Chloride	2.253	62	135993	53.350	ug/l	96
5) Bromomethane	2.650	94	117968	47.212	ug/l	95
6) Chloroethane	2.796	64	96001	53.160	ug/l	100
7) Trichlorofluoromethane	3.125	101	111186	51.362	ug/l	97
8) Diethyl Ether	3.534	74	36000	53.185	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	67098	50.433	ug/l	96
10) Methyl Iodide	4.088	142	76410	55.619	ug/l	93
11) Tert butyl alcohol	4.948	59	29702	216.679	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	65686	53.184	ug/l	82
13) Acrolein	3.729	56	4477	99.224	ug/l	97
14) Allyl chloride	4.478	41	101567	54.568	ug/l #	87
15) Acrylonitrile	5.155	53	94196	248.542	ug/l	99
16) Acetone	3.942	43	65929	234.366	ug/l	94
17) Carbon Disulfide	4.192	76	219114	54.304	ug/l	98
18) Methyl Acetate	4.478	43	57294	65.405	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	193624	52.231	ug/l	97
20) Methylene Chloride	4.716	84	90358	58.938	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	85932	54.207	ug/l	87
22) Diisopropyl ether	6.118	45	245267	54.849	ug/l #	93
23) Vinyl Acetate	6.057	43	735149	248.535	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	150934	56.433	ug/l	99
25) 2-Butanone	6.984	43	122436	243.680	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	115321	46.807	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	99279	55.556	ug/l	87
28) Bromochloromethane	7.332	49	47843	52.116	ug/l #	86
29) Tetrahydrofuran	7.350	42	85172	249.551	ug/l #	87
30) Chloroform	7.508	83	161198	55.834	ug/l	99
31) Cyclohexane	7.789	56	131791	49.849	ug/l	89
32) 1,1,1-Trichloroethane	7.703	97	142734	54.493	ug/l	98
36) 1,1-Dichloropropene	7.917	75	124196	51.114	ug/l	98
37) Ethyl Acetate	7.076	43	55979	44.414	ug/l	97
38) Carbon Tetrachloride	7.899	117	127868	50.306	ug/l	98
39) Methylcyclohexane	9.185	83	158080	50.403	ug/l	87
40) Benzene	8.161	78	373693	53.335	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	79935	122.900	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	106834	51.926	ug/l	92
43) Isopropyl Acetate	8.270	43	112595	48.044	ug/l #	90
44) Trichloroethene	8.935	130	98025	52.838	ug/l	99
45) 1,2-Dichloropropane	9.215	63	90253	53.646	ug/l	93
46) Dibromomethane	9.307	93	56655	52.961	ug/l	94
47) Bromodichloromethane	9.496	83	129996	53.172	ug/l	100
48) Methyl methacrylate	9.295	41	51728	49.430	ug/l #	83
49) 1,4-Dioxane	9.295	88	13618	952.291	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	318956	245.913	ug/l	90
52) Toluene	10.246	92	270780	55.301	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	134496	51.804	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	144184	51.660	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	79568	53.164	ug/l	99
56) Ethyl methacrylate	10.508	69	102799	53.724	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	129375	52.992	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	201937	243.939	ug/l	97
59) 2-Hexanone	10.831	43	216502	243.798	ug/l	89
60) Dibromochloromethane	10.983	129	96583	53.236	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76695	51.714	ug/l	97
64) Tetrachloroethene	10.721	164	87703	51.748	ug/l	97
65) Chlorobenzene	11.514	112	286282	53.567	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	106255	54.297	ug/l	97
67) Ethyl Benzene	11.593	91	530643	55.095	ug/l	98
68) m/p-Xylenes	11.703	106	447028	114.333	ug/l	91
69) o-Xylene	12.032	106	209711	57.759	ug/l	89
70) Styrene	12.044	104	368106	58.954	ug/l	94
71) Bromoform	12.209	173	67633	52.135	ug/l #	99
73) Isopropylbenzene	12.331	105	566386	50.998	ug/l	100
74) N-amyl acetate	12.142	43	115423	45.045	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	102683	44.883	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	129628	81.271	ug/l #	100
77) Bromobenzene	12.611	156	124242	48.259	ug/l	93
78) n-propylbenzene	12.672	91	695535	54.206	ug/l	99
79) 2-Chlorotoluene	12.757	91	385558	52.093	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	494913	53.166	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	32454	41.763	ug/l	87
82) 4-Chlorotoluene	12.855	91	422373	53.355	ug/l	96
83) tert-Butylbenzene	13.074	119	426137	51.599	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	501491	54.269	ug/l	96
85) sec-Butylbenzene	13.251	105	632869	50.086	ug/l	98
86) p-Isopropyltoluene	13.373	119	571692	54.255	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	288393	52.514	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	286189	51.870	ug/l	99
89) n-Butylbenzene	13.696	91	502266	52.103	ug/l	100
90) Hexachloroethane	13.965	117	101198	51.249	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	251710	51.923	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14938	42.057	ug/l	79
93) 1,2,4-Trichlorobenzene	15.013	180	121480	45.660	ug/l	99
94) Hexachlorobutadiene	15.111	225	66463	45.834	ug/l	99
95) Naphthalene	15.239	128	243317	45.525	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	105840	45.779	ug/l	99

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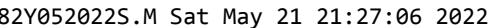
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

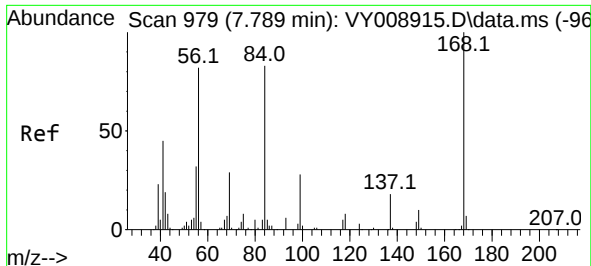
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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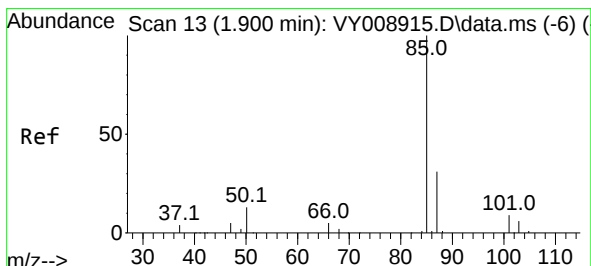
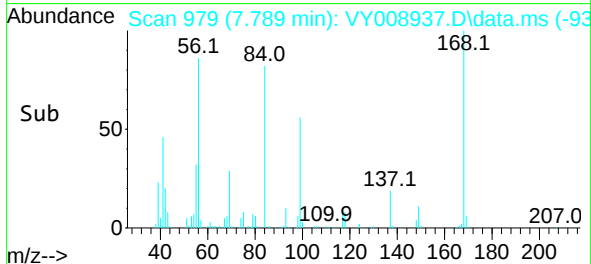
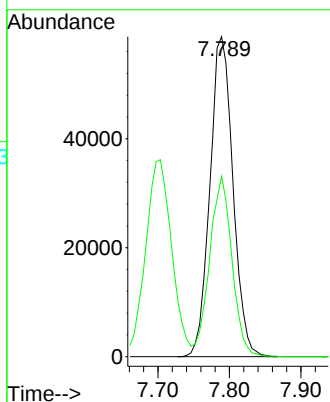
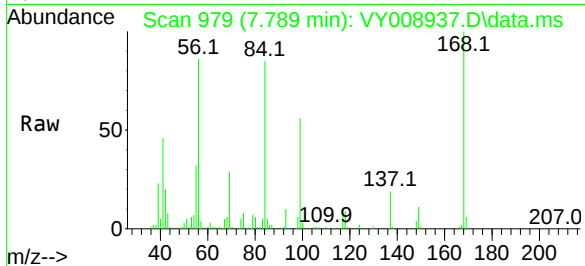




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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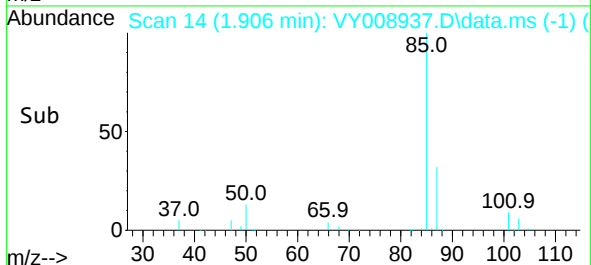
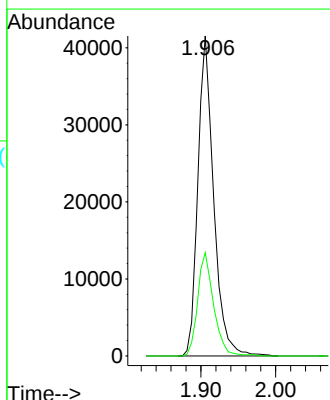
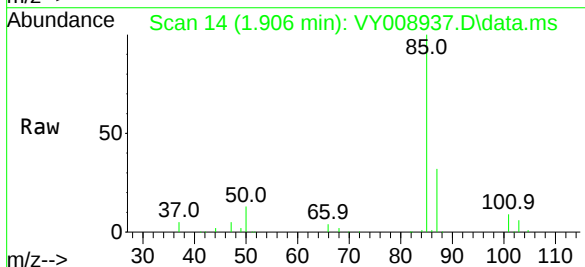
Instrument :
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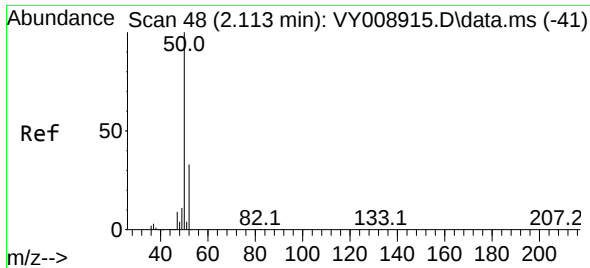
Tgt Ion:168 Resp: 131310
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 50.607 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 85 Resp: 60778
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

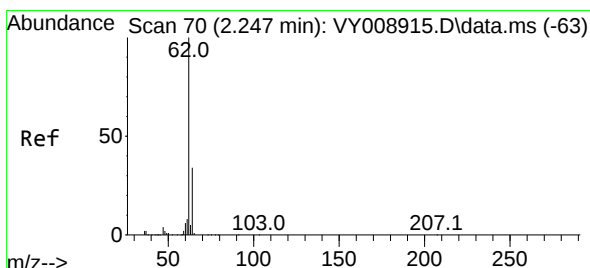
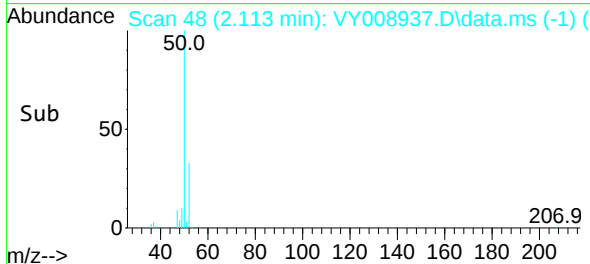
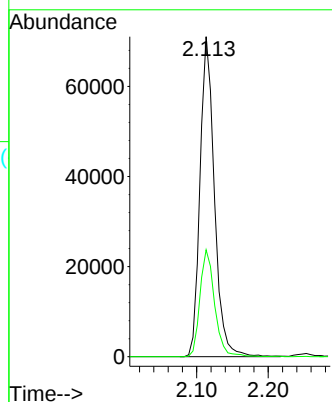
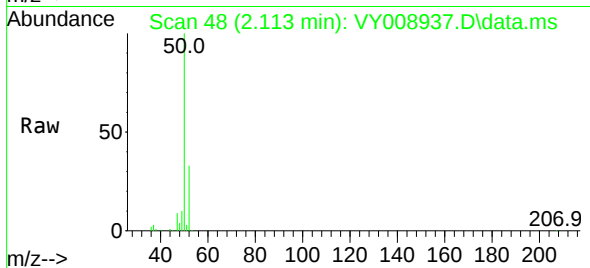




#3
Chloromethane
Concen: 57.693 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

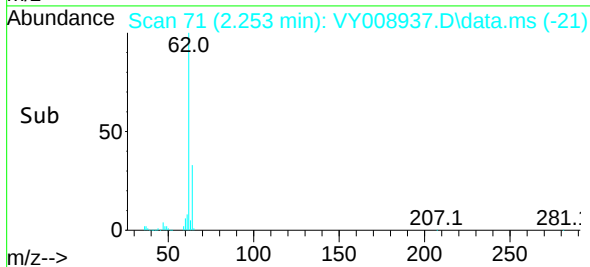
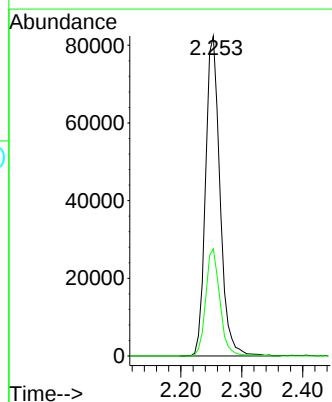
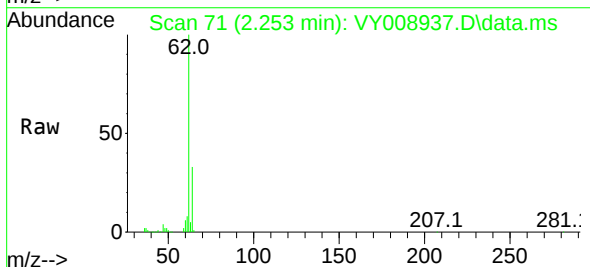
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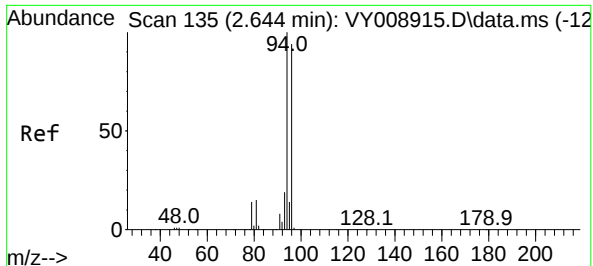
Tgt Ion: 50 Resp: 99265
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0



#4
Vinyl Chloride
Concen: 53.350 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 62 Resp: 135993
Ion Ratio Lower Upper
62 100
64 33.5 25.0 37.6

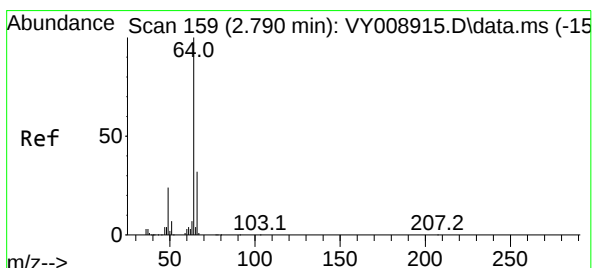
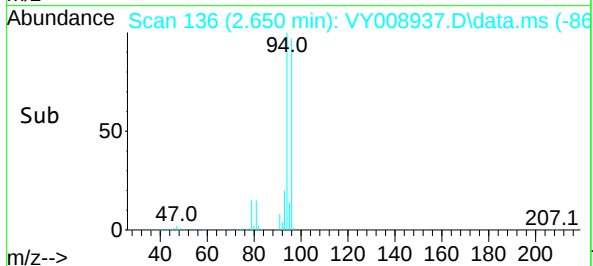
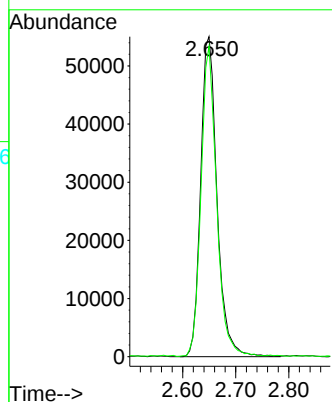
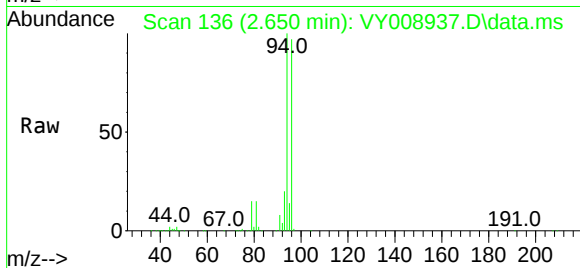




#5
Bromomethane
Concen: 47.212 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

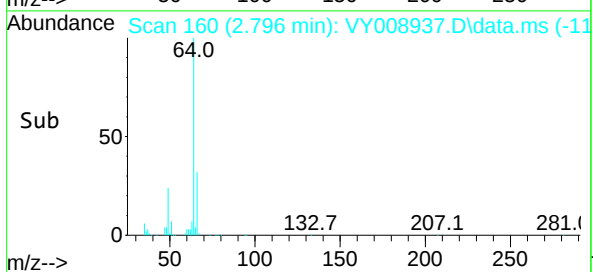
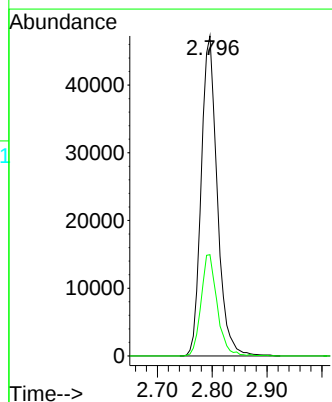
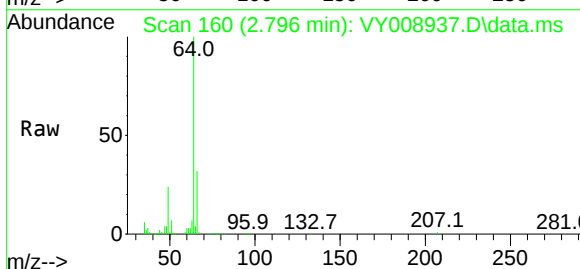
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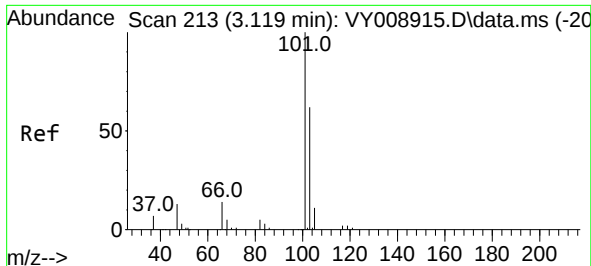
Tgt Ion: 94 Resp: 117968
Ion Ratio Lower Upper
94 100
96 96.8 73.5 110.3



#6
Chloroethane
Concen: 53.160 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008937.D
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Tgt Ion: 64 Resp: 96001
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0

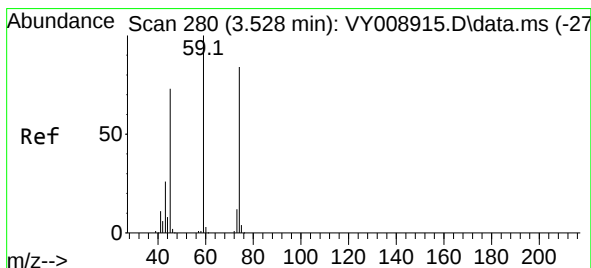
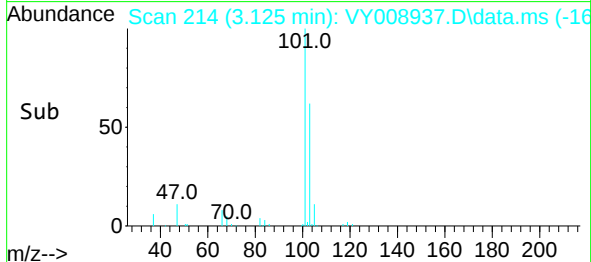
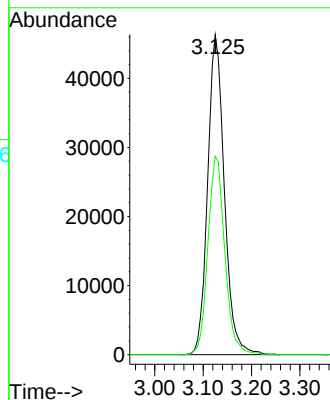
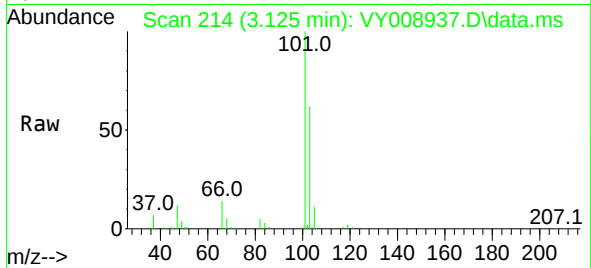




#7
 Trichlorofluoromethane
 Concen: 51.362 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY008937.D
 Acq: 21 May 2022 09:57

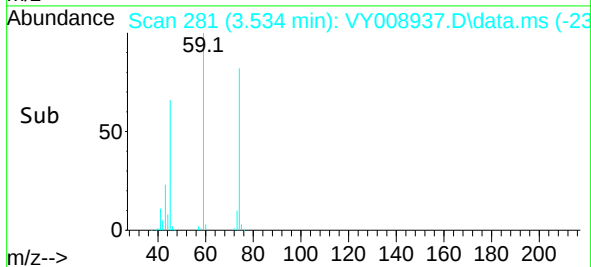
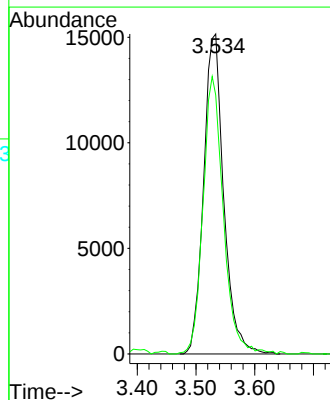
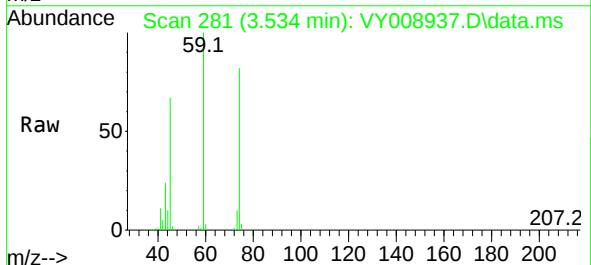
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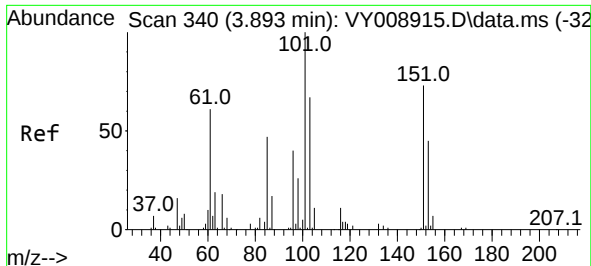
Tgt Ion:101 Resp: 111186
 Ion Ratio Lower Upper
 101 100
 103 62.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 53.185 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 36000
 Ion Ratio Lower Upper
 74 100
 45 87.7 55.1 165.5

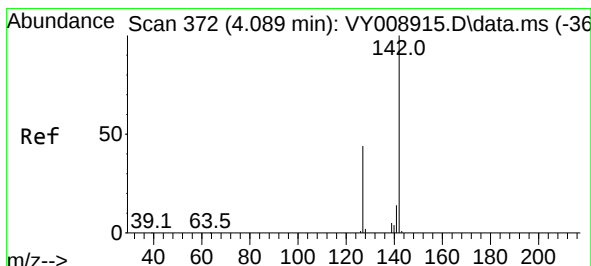
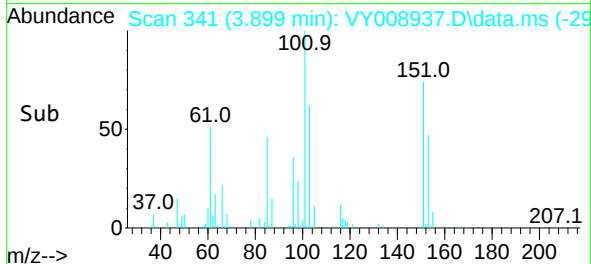
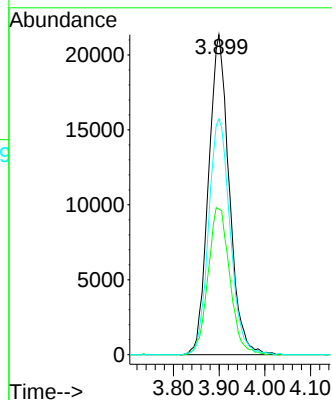
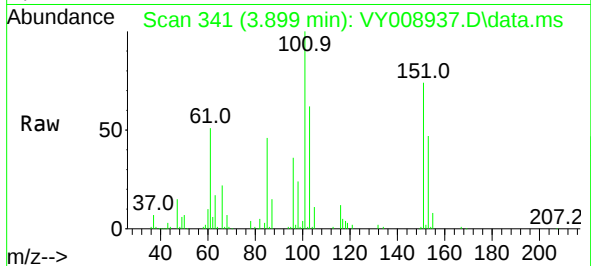




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.433 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

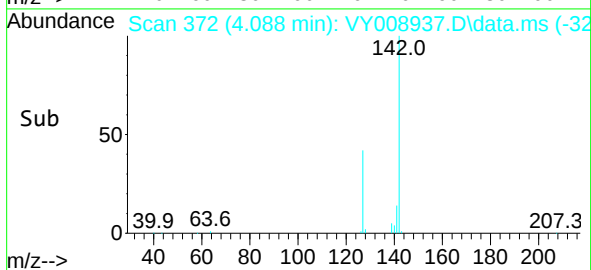
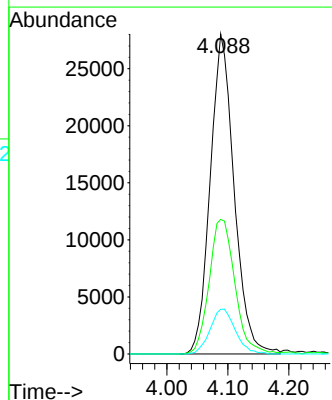
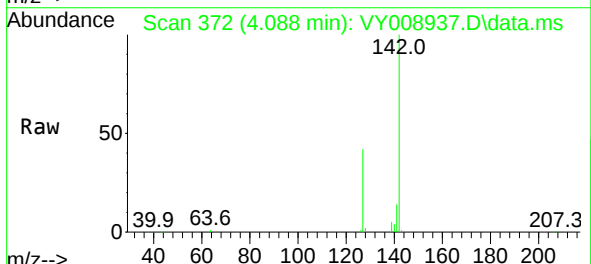
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

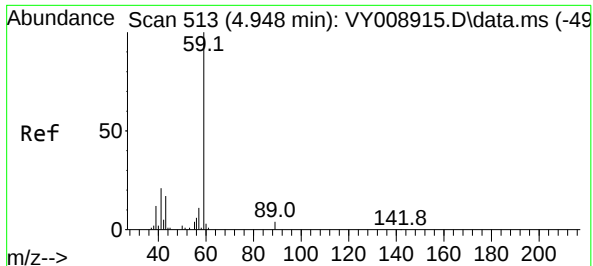
Tgt Ion:101 Resp: 67098
Ion Ratio Lower Upper
101 100
85 48.2 40.6 60.8
151 76.8 64.9 97.3



#10
Methyl Iodide
Concen: 55.619 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion:142 Resp: 76410
Ion Ratio Lower Upper
142 100
127 45.3 41.5 62.3
141 14.8 11.9 17.9

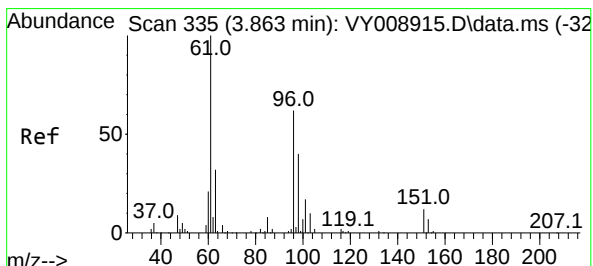
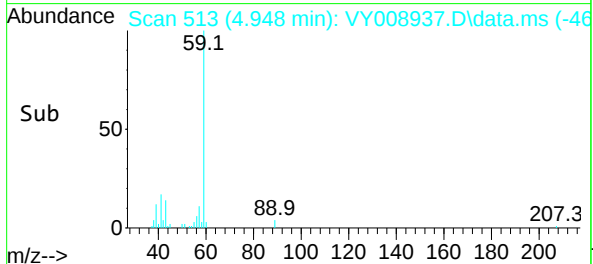
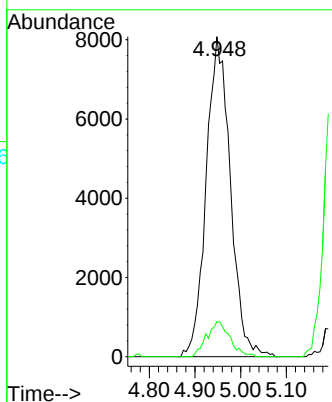
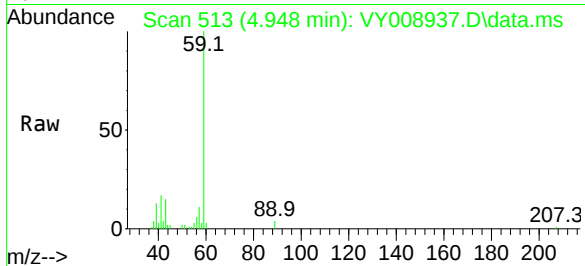




#11
Tert butyl alcohol
Concen: 216.679 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

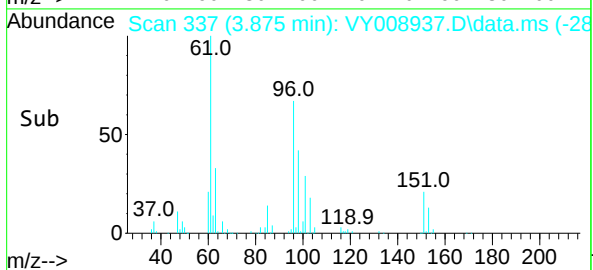
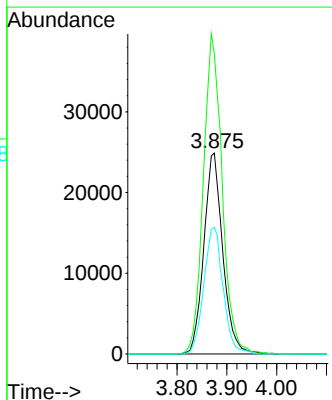
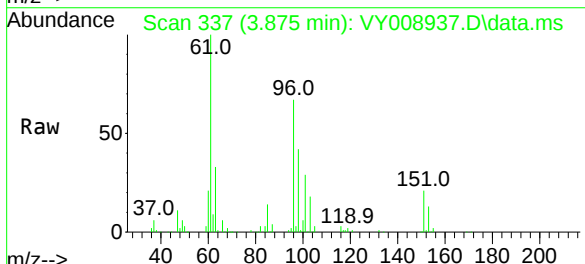
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

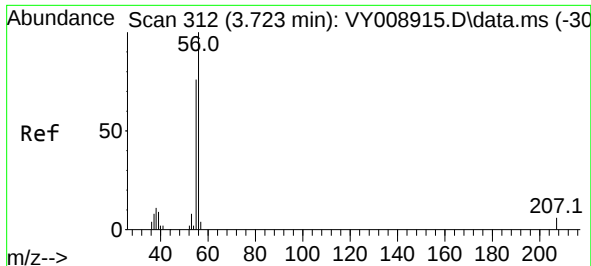
Tgt Ion: 59 Resp: 29702
Ion Ratio Lower Upper
59 100
57 10.5 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 53.184 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

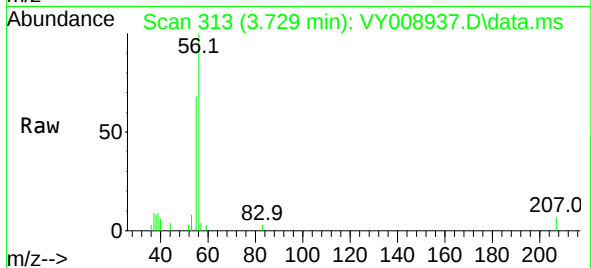
Tgt Ion: 96 Resp: 65686
Ion Ratio Lower Upper
96 100
61 149.4 145.8 218.6
98 63.0 52.5 78.7



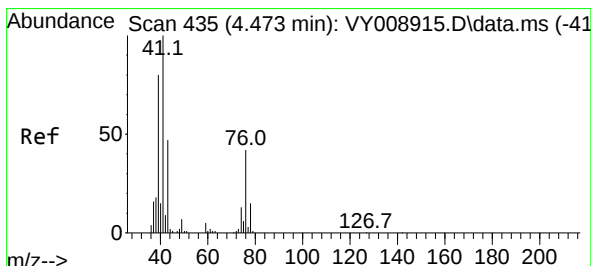
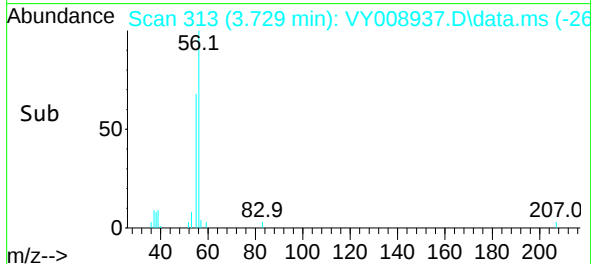
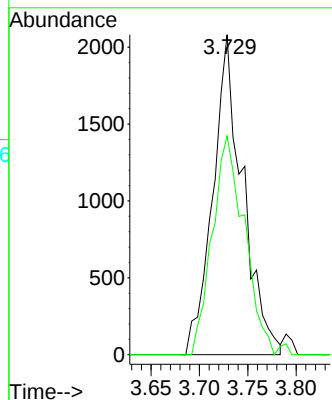


#13
Acrolein
Concen: 99.224 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

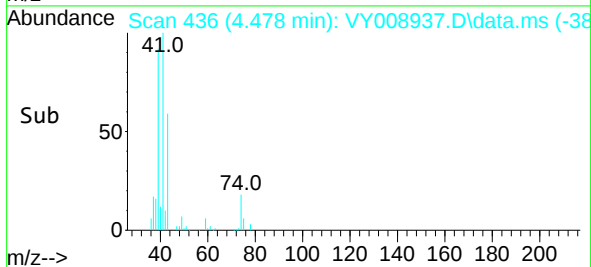
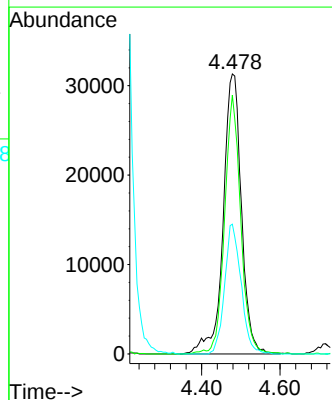
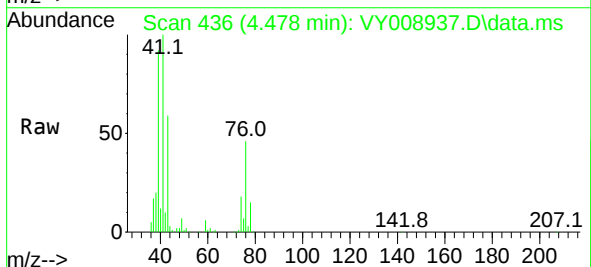


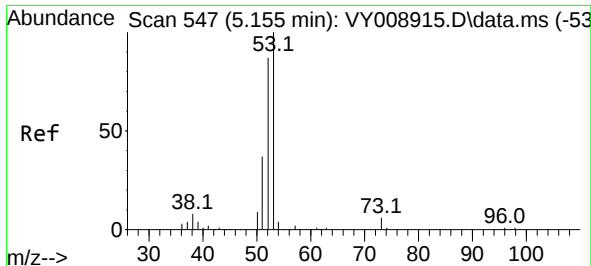
Tgt Ion: 56 Resp: 4477
Ion Ratio Lower Upper
56 100
55 74.2 57.6 86.4



#14
Allyl chloride
Concen: 54.568 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 41 Resp: 101567
Ion Ratio Lower Upper
41 100
39 81.9 58.8 88.2
76 41.7 25.1 37.7#

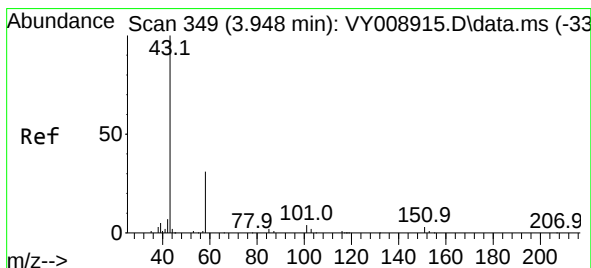
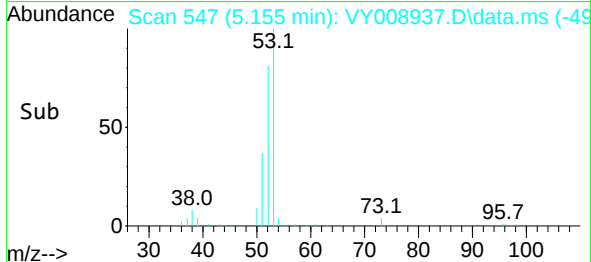
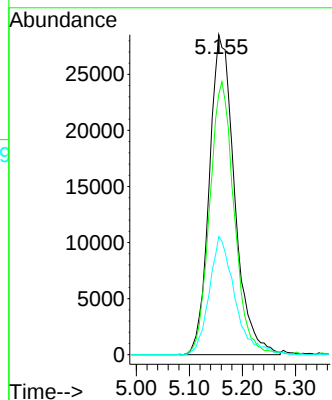
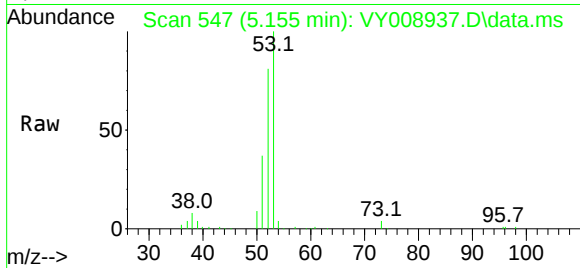




#15
Acrylonitrile
Concen: 248.542 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

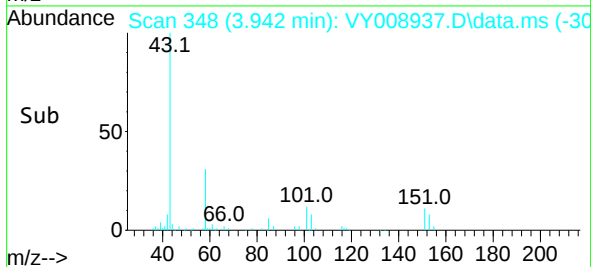
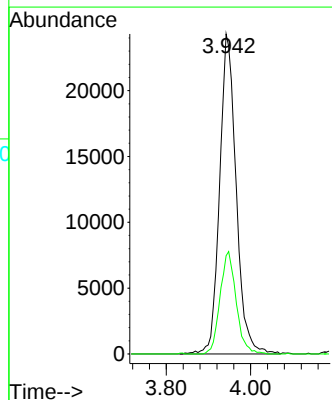
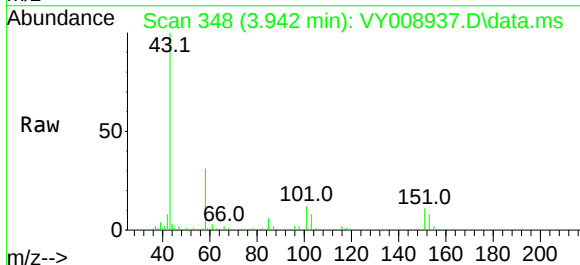
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

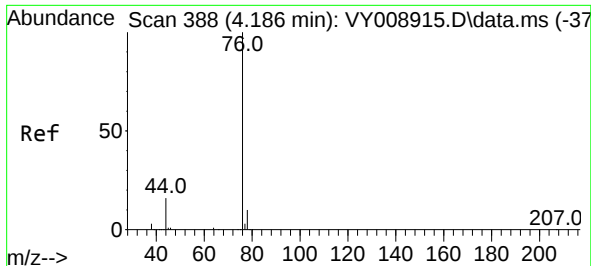
Tgt Ion: 53 Resp: 94196
Ion Ratio Lower Upper
53 100
52 82.8 67.0 100.4
51 37.7 29.8 44.6



#16
Acetone
Concen: 234.366 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 43 Resp: 65929
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0

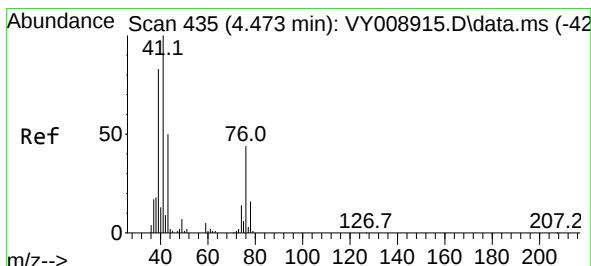
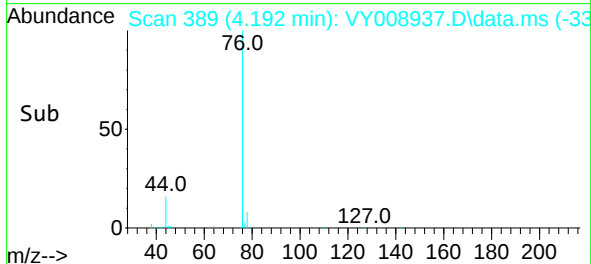
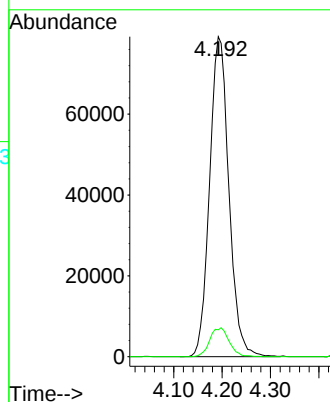
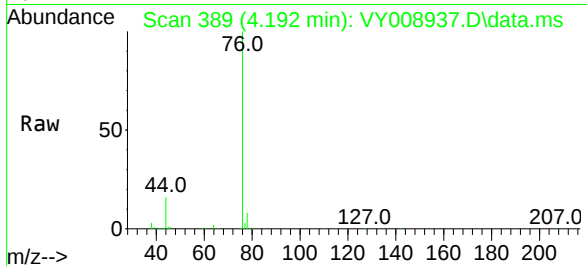




#17
Carbon Disulfide
Concen: 54.304 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

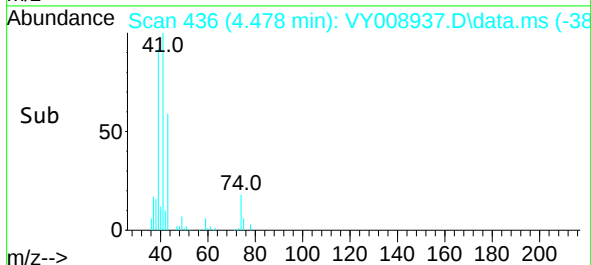
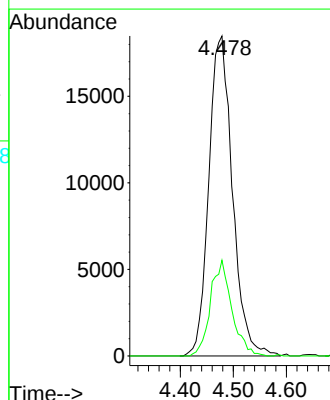
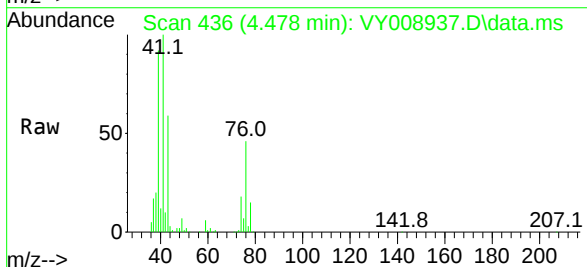
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

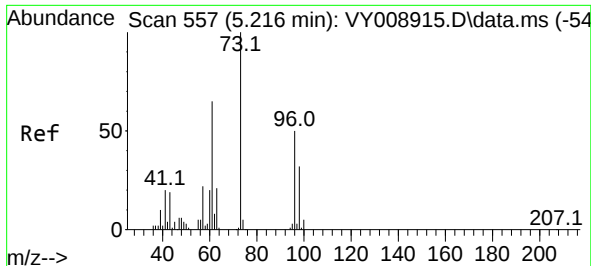
Tgt Ion: 76 Resp: 219114
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 65.405 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 43 Resp: 57294
Ion Ratio Lower Upper
43 100
74 27.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 52.231 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

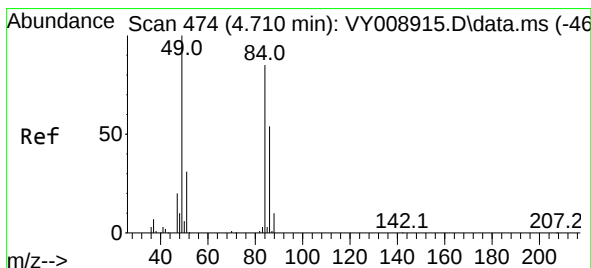
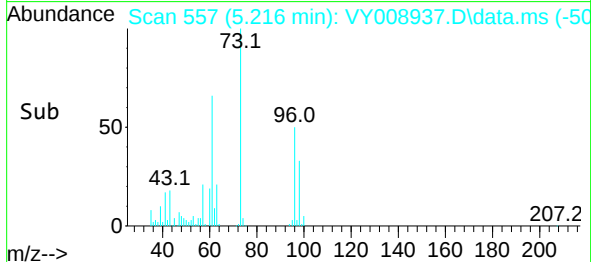
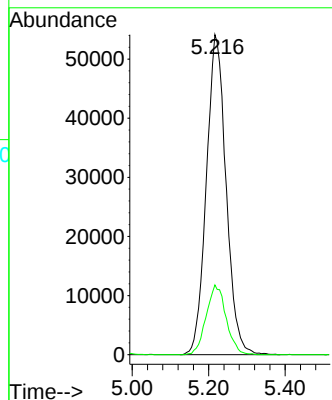
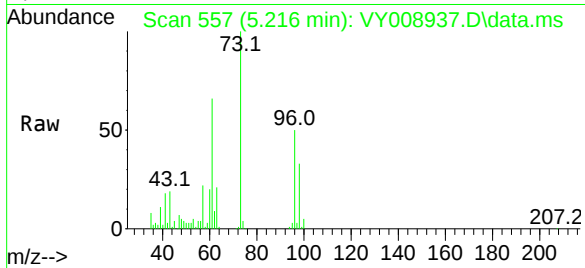
VSTDCCC050

Tgt Ion: 73 Resp: 193624

Ion Ratio Lower Upper

73 100

57 21.8 18.6 27.8



#20

Methylene Chloride

Concen: 58.938 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Tgt Ion: 84 Resp: 90358

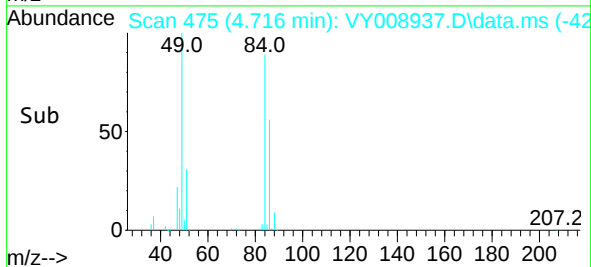
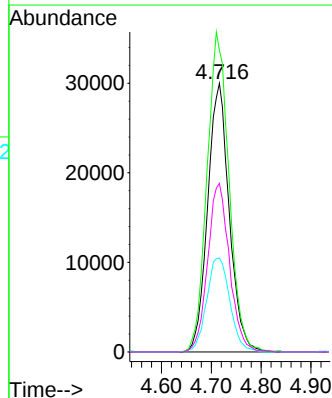
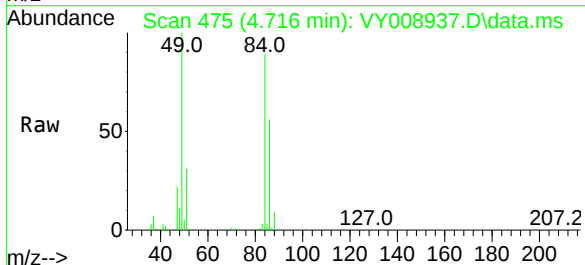
Ion Ratio Lower Upper

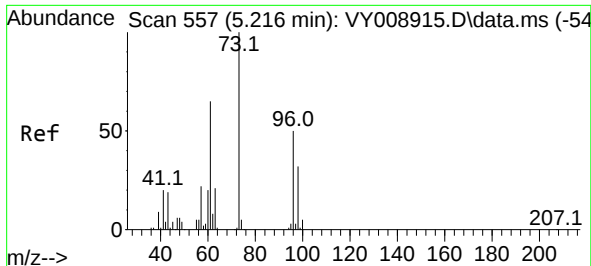
84 100

49 112.3 114.4 171.6#

51 34.9 35.3 52.9#

86 62.7 53.7 80.5

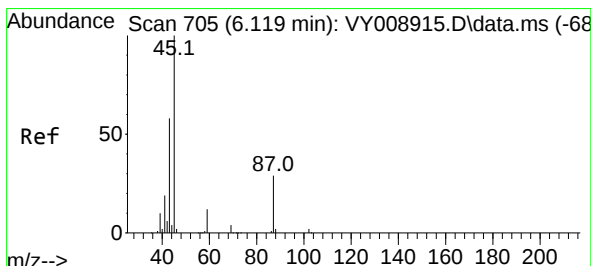
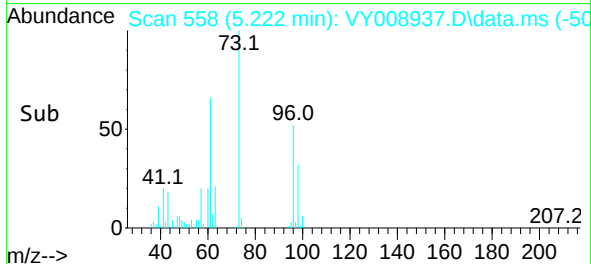
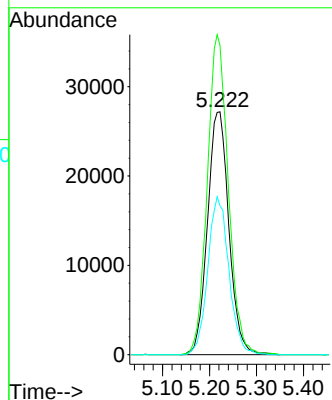
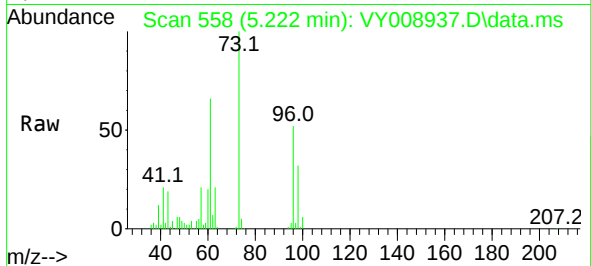




#21
trans-1,2-Dichloroethene
Concen: 54.207 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

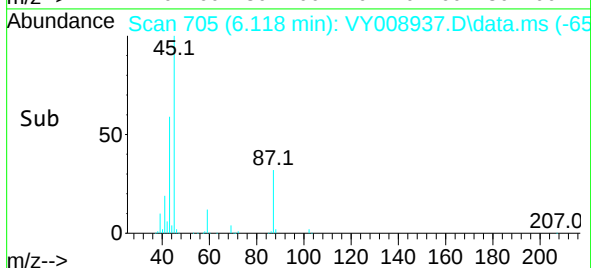
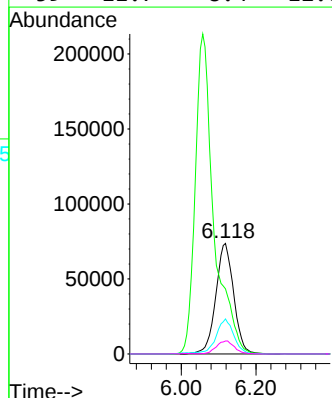
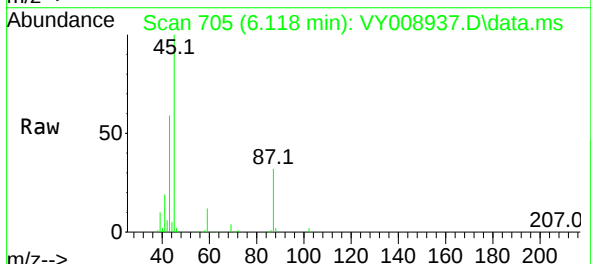
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

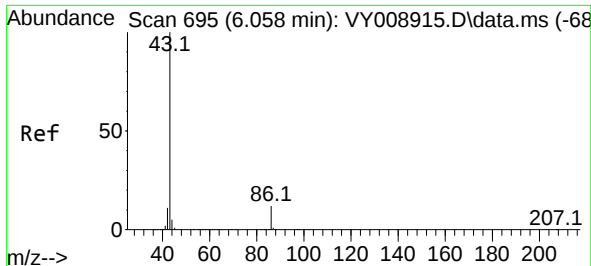
Tgt Ion: 96 Resp: 85932
Ion Ratio Lower Upper
96 100
61 127.3 120.5 180.7
98 61.3 49.8 74.8



#22
Diisopropyl ether
Concen: 54.849 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 45 Resp: 245267
Ion Ratio Lower Upper
45 100
43 58.8 49.3 73.9
87 31.7 19.2 28.8#
59 11.7 8.4 12.6

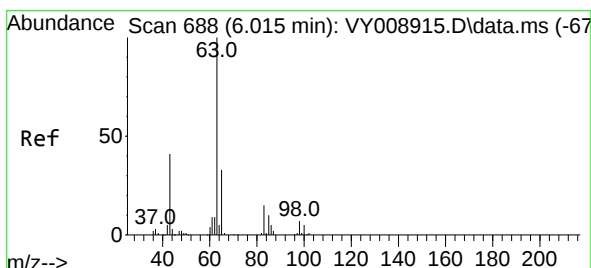
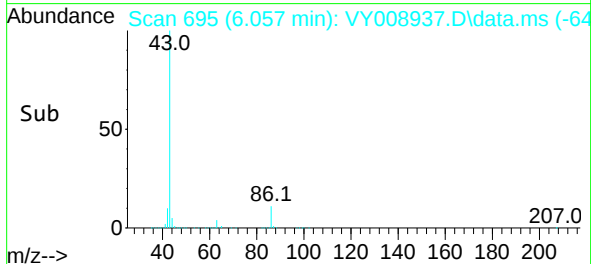
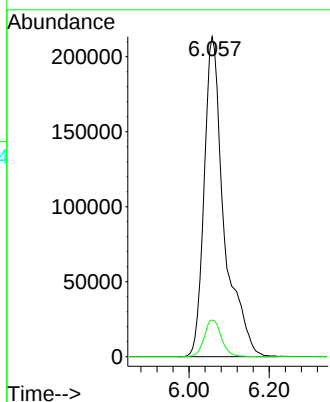
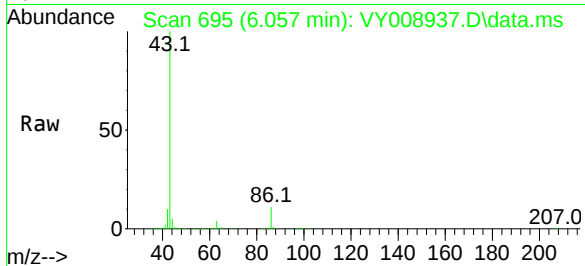




#23
 Vinyl Acetate
 Concen: 248.535 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY008937.D
 Acq: 21 May 2022 09:57

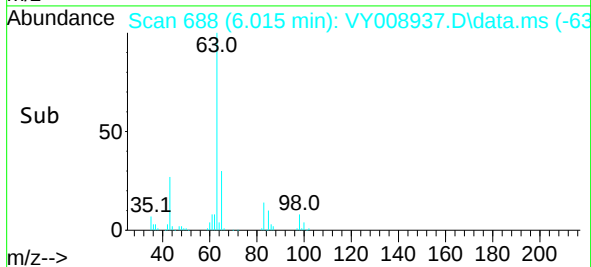
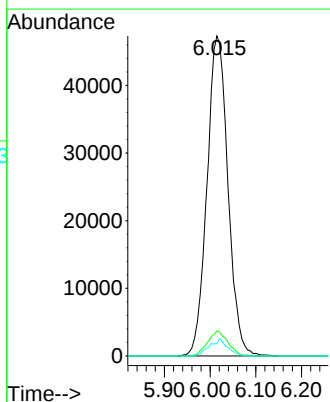
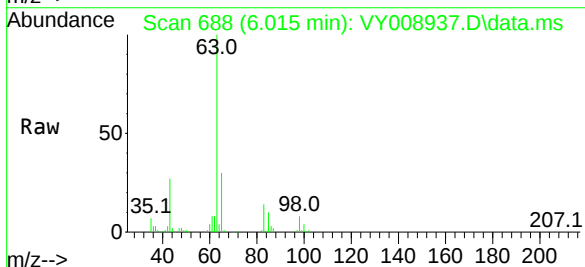
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

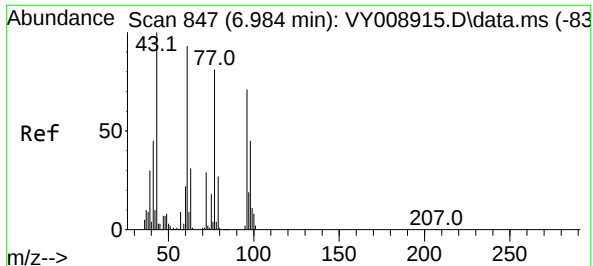
Tgt Ion: 43 Resp: 735149
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 56.433 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008937.D
 Acq: 21 May 2022 09:57

Tgt Ion: 63 Resp: 150934
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 243.680 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

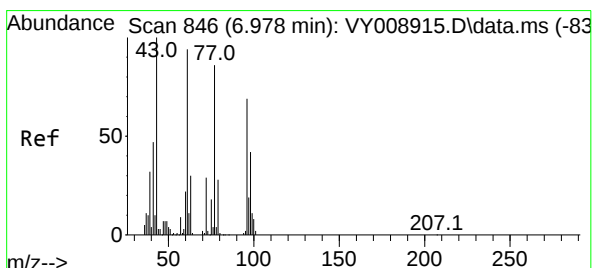
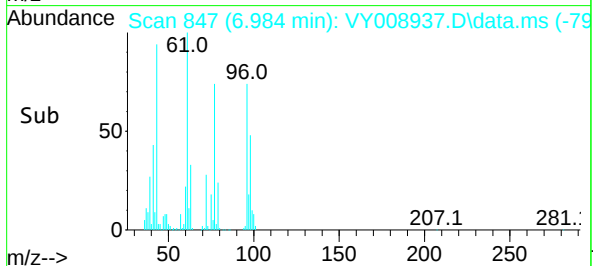
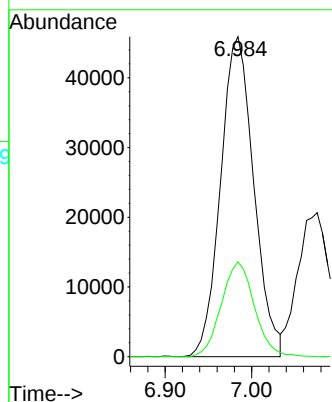
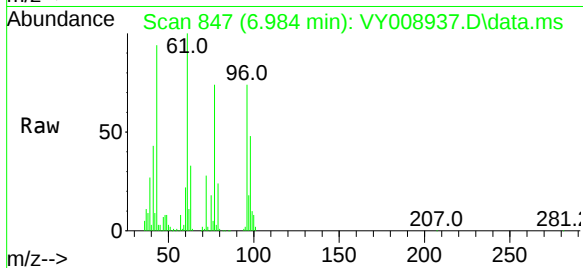
VSTDCCC050

Tgt Ion: 43 Resp: 122436

Ion Ratio Lower Upper

43 100

72 29.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.807 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008937.D

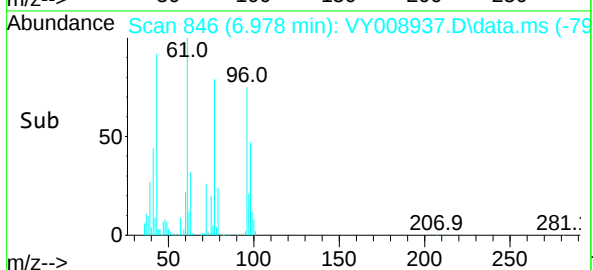
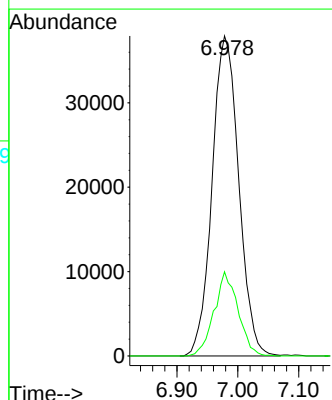
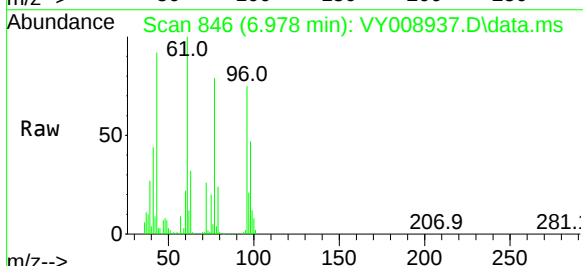
Acq: 21 May 2022 09:57

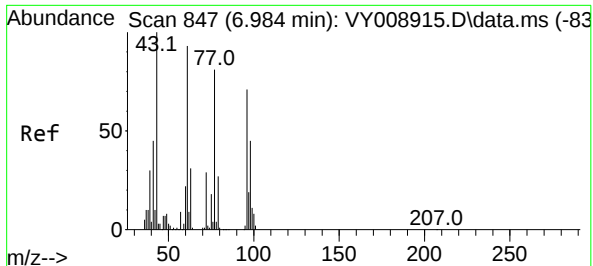
Tgt Ion: 77 Resp: 115321

Ion Ratio Lower Upper

77 100

97 23.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 55.556 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

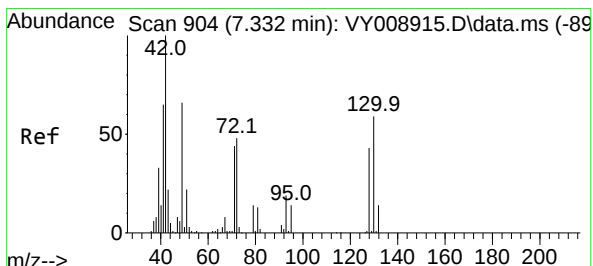
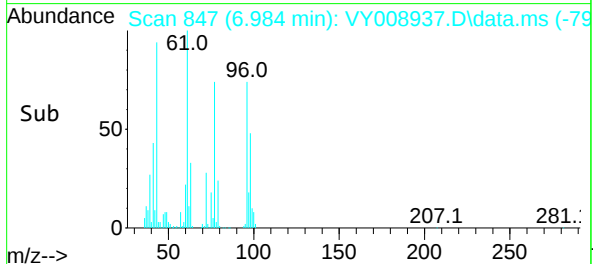
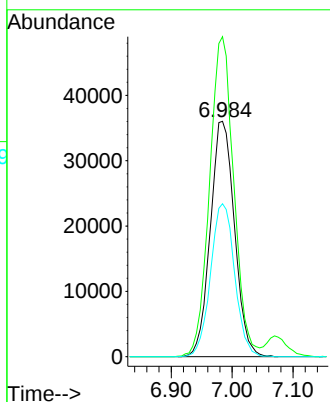
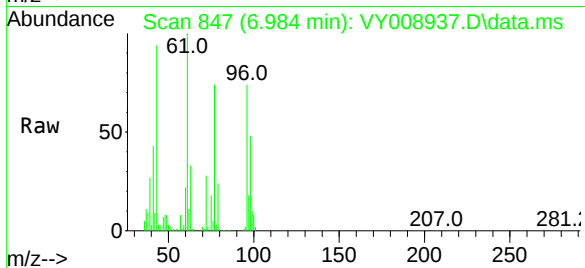
Tgt Ion: 96 Resp: 99279

Ion Ratio Lower Upper

96 100

61 136.1 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 52.116 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

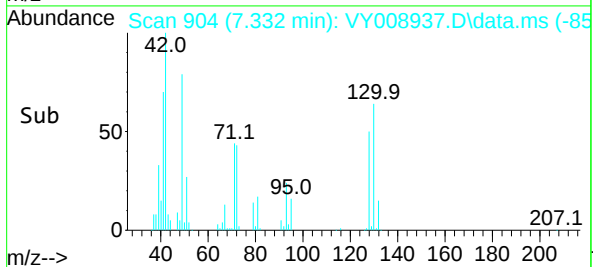
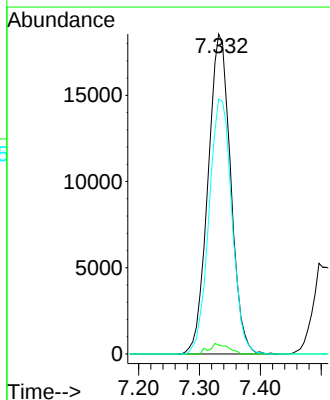
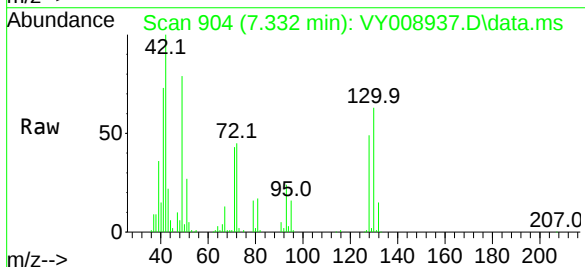
Tgt Ion: 49 Resp: 47843

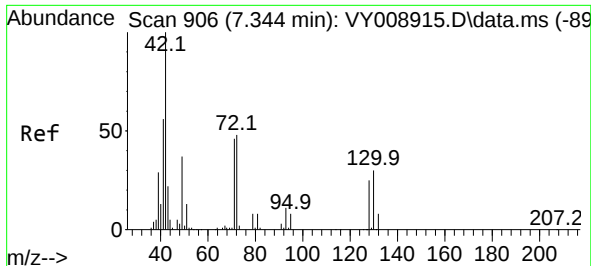
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 80.6 55.4 83.0





#29

Tetrahydrofuran

Concen: 249.551 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

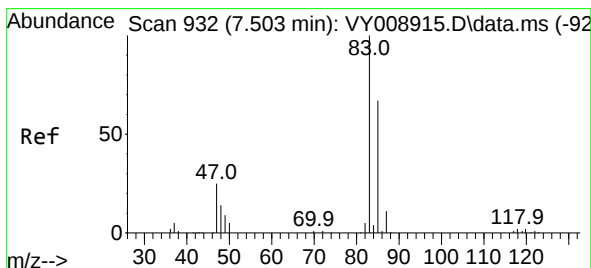
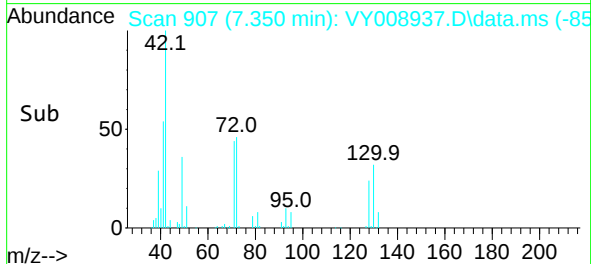
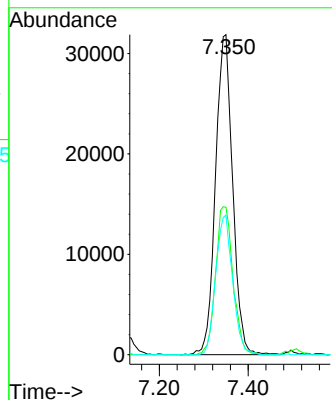
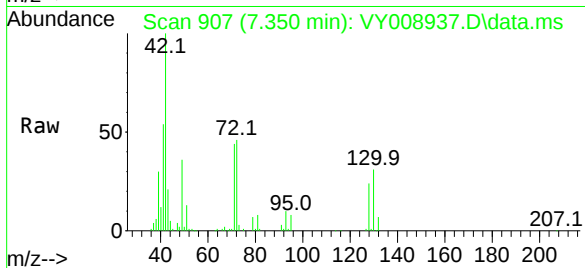
Tgt Ion: 42 Resp: 85172

Ion Ratio Lower Upper

42 100

72 47.0 30.3 45.5#

71 43.2 29.0 43.4



#30

Chloroform

Concen: 55.834 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY008937.D

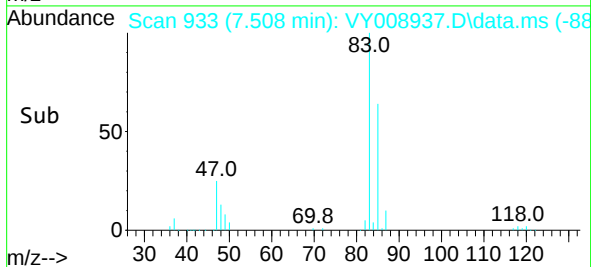
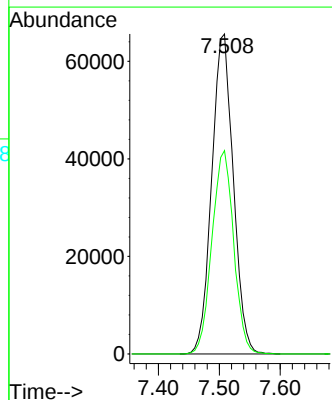
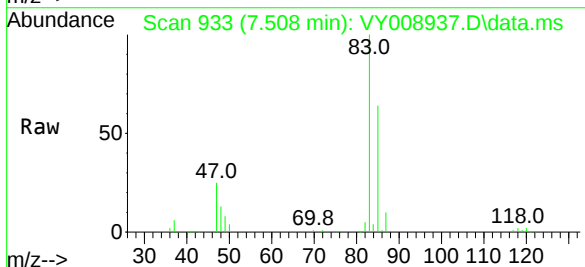
Acq: 21 May 2022 09:57

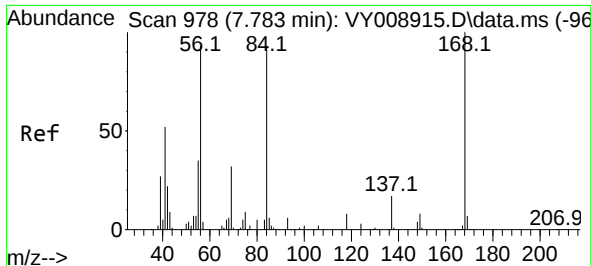
Tgt Ion: 83 Resp: 161198

Ion Ratio Lower Upper

83 100

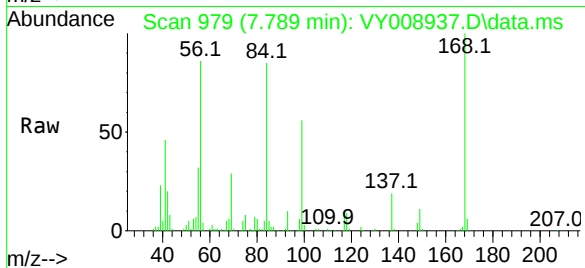
85 63.5 51.8 77.6



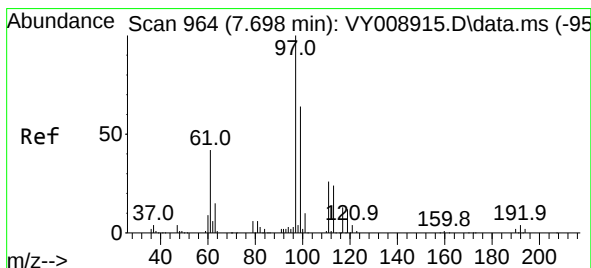
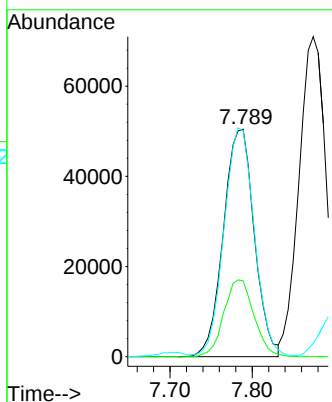
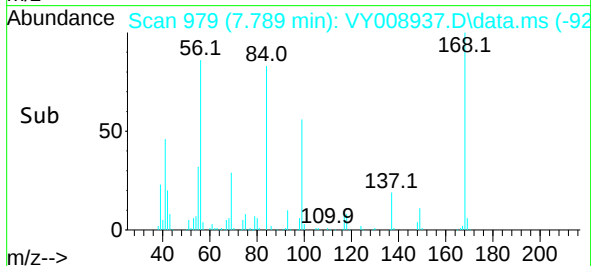


#31
Cyclohexane
Concen: 49.849 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

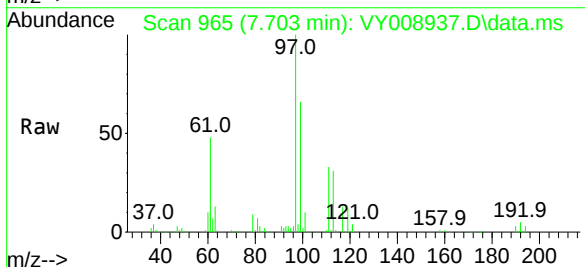
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



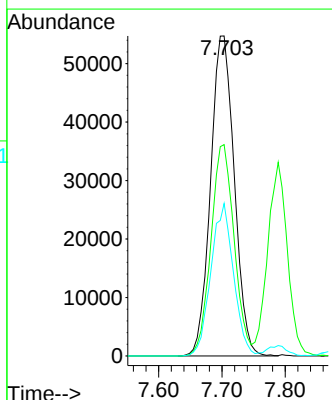
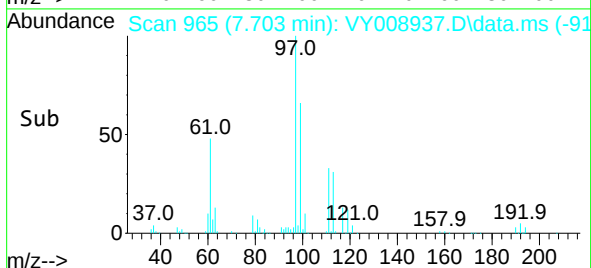
Tgt Ion: 56 Resp: 131791
Ion Ratio Lower Upper
56 100
69 33.3 26.7 40.1
84 97.5 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 54.493 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57



Tgt Ion: 97 Resp: 142734
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 45.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 40.205 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

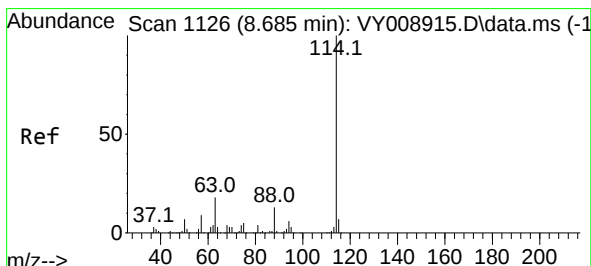
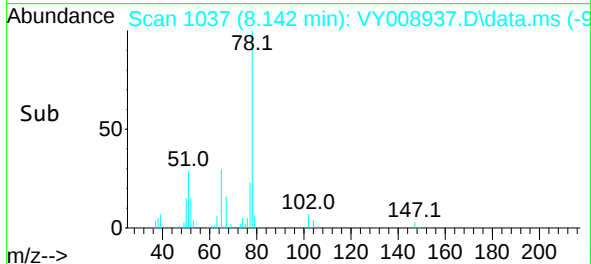
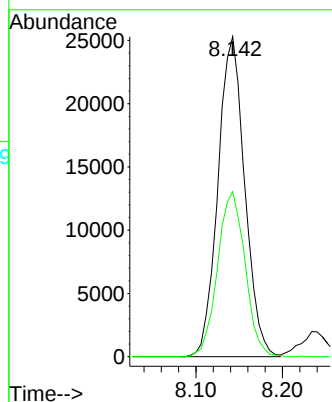
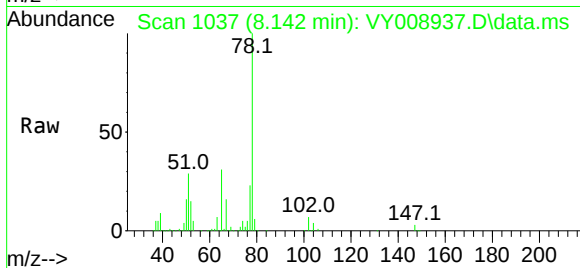
VSTDCCC050

Tgt Ion: 65 Resp: 54334

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

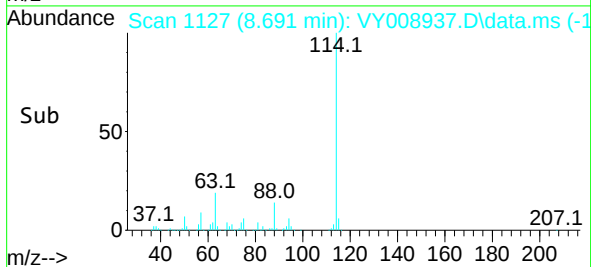
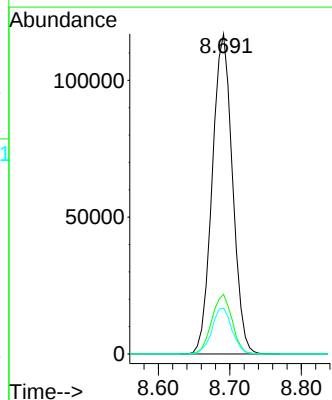
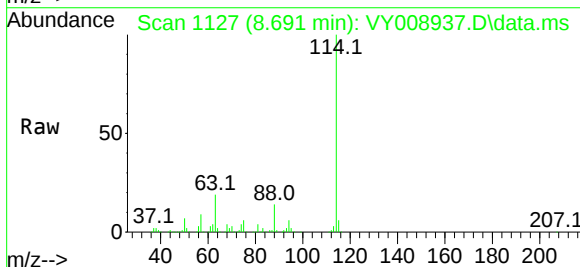
Tgt Ion: 114 Resp: 229604

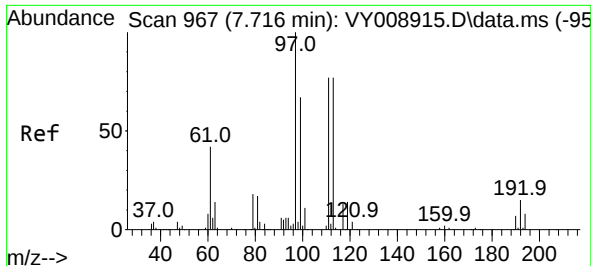
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.3 0.0 31.8

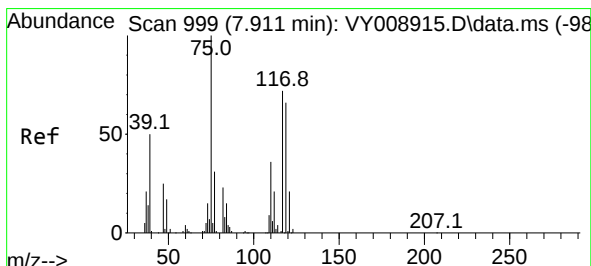
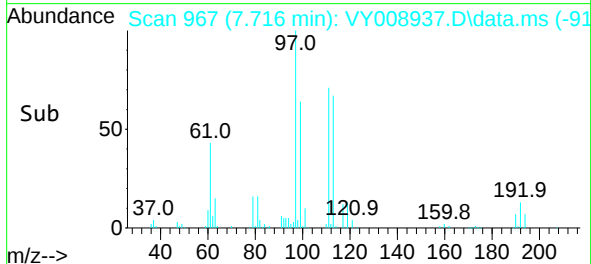
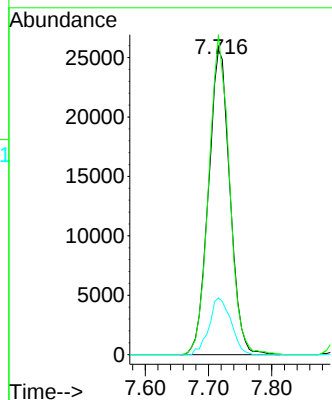
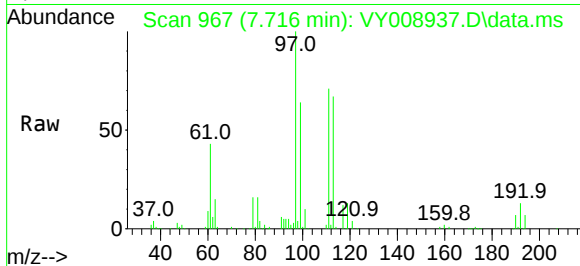




#35
Dibromofluoromethane
Concen: 42.407 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

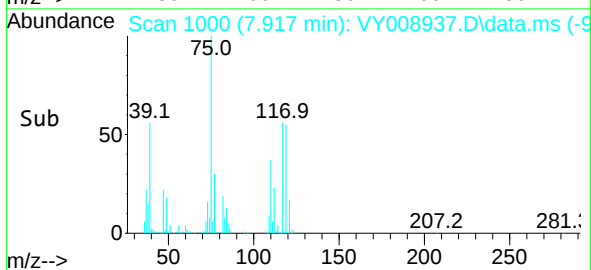
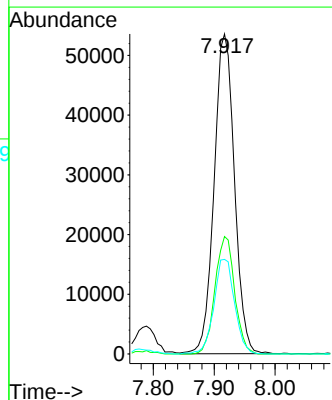
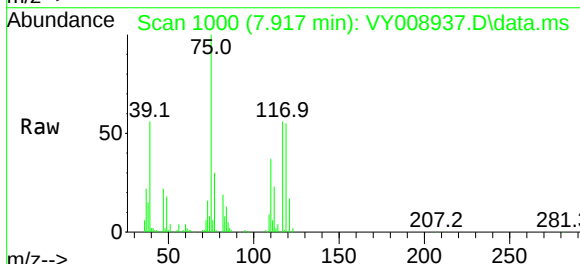
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

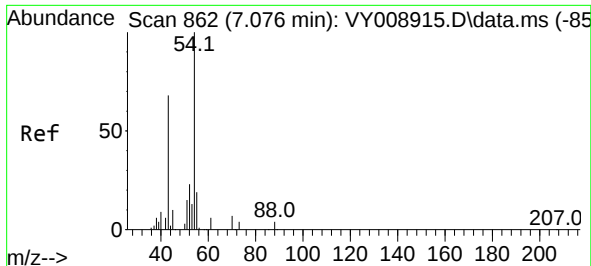
Tgt Ion:113 Resp: 60548
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.114 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 75 Resp: 124196
Ion Ratio Lower Upper
75 100
110 35.5 17.1 51.2
77 30.1 24.4 36.6

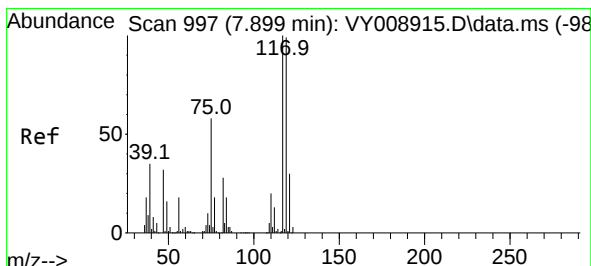
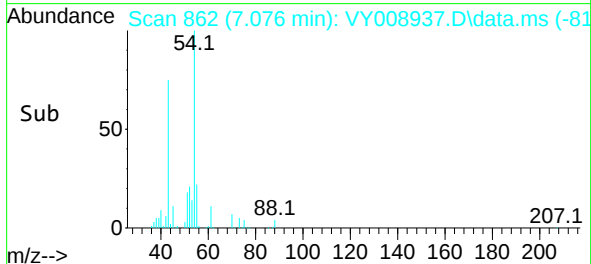
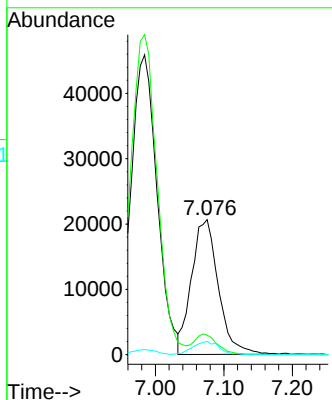
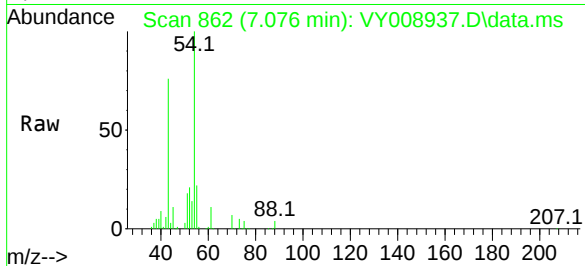




#37
Ethyl Acetate
Concen: 44.414 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

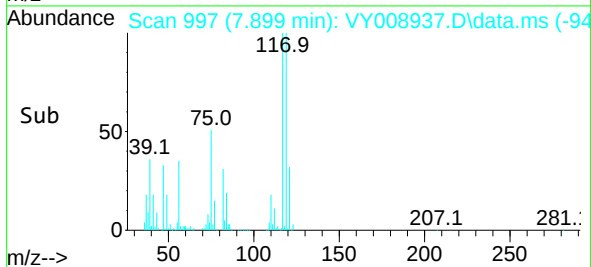
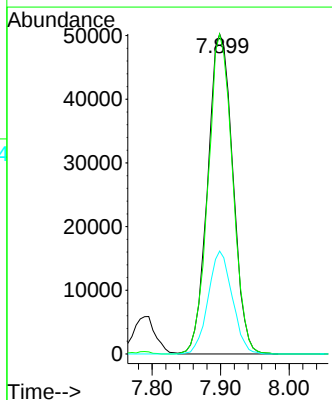
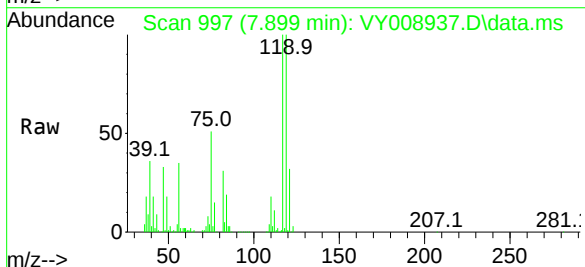
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 55979
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 9.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.306 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 117 Resp: 127868
Ion Ratio Lower Upper
117 100
119 100.0 77.9 116.9
121 32.1 24.8 37.2





#39

Methylcyclohexane

Concen: 50.403 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

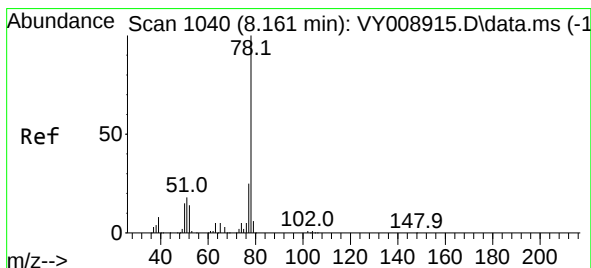
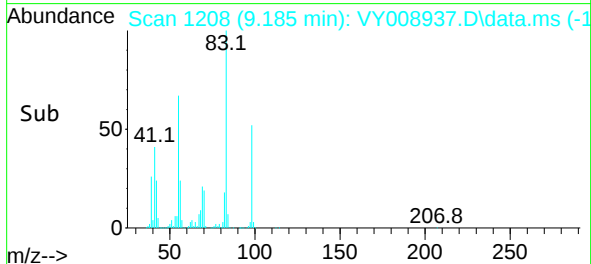
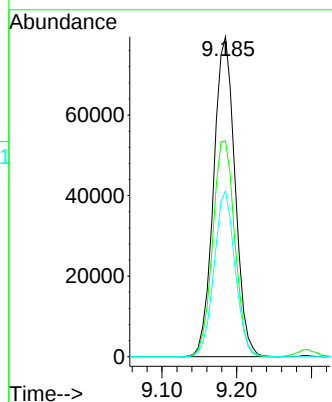
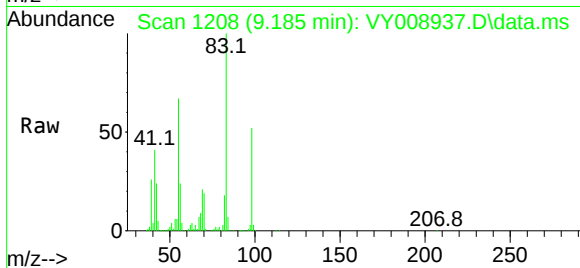
Tgt Ion: 83 Resp: 158080

Ion Ratio Lower Upper

83 100

55 67.4 66.5 99.7

98 51.8 37.9 56.9



#40

Benzene

Concen: 53.335 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008937.D

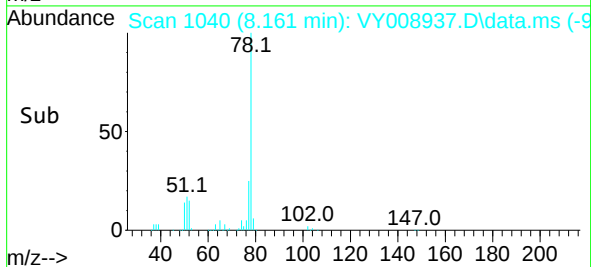
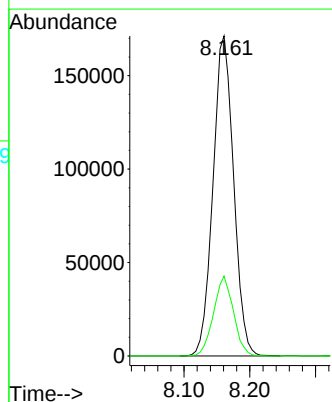
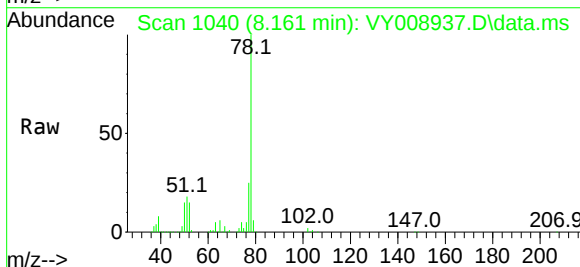
Acq: 21 May 2022 09:57

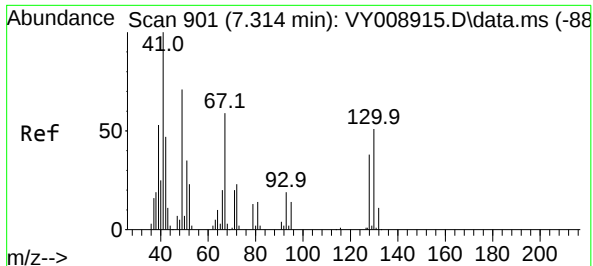
Tgt Ion: 78 Resp: 373693

Ion Ratio Lower Upper

78 100

77 25.0 20.4 30.6

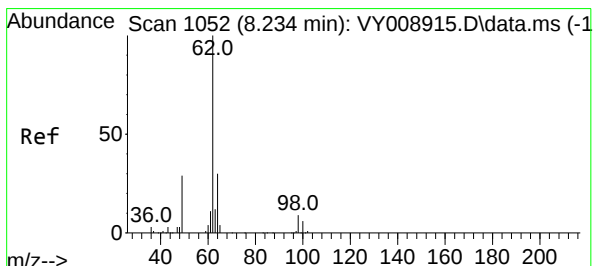
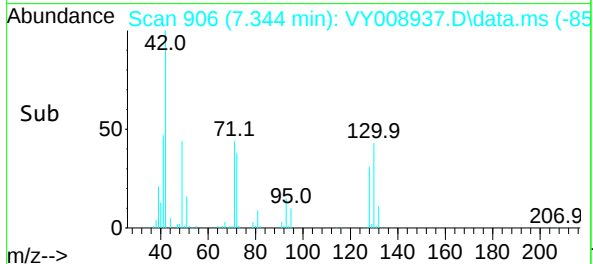
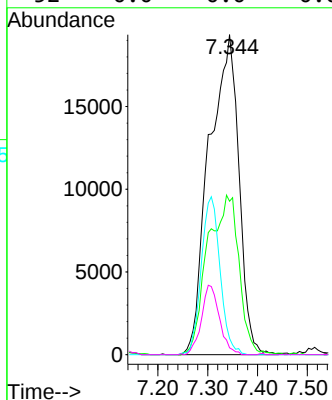
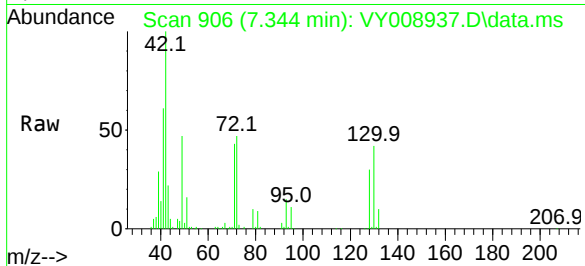




#41
Methacrylonitrile
Concen: 122.900 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

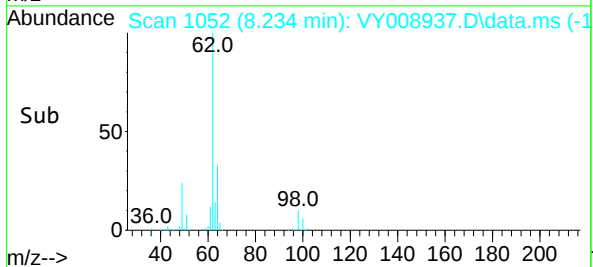
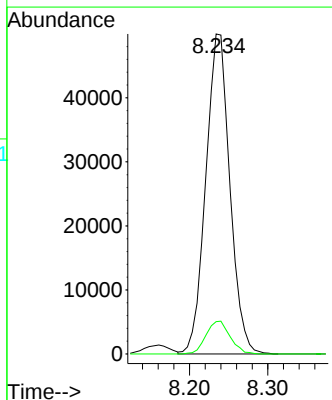
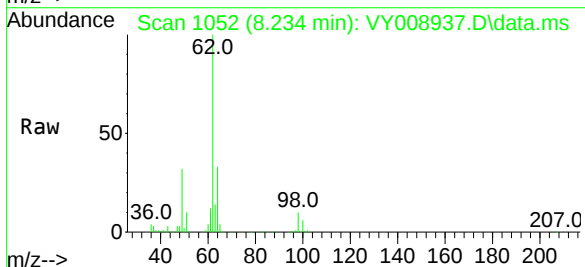
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

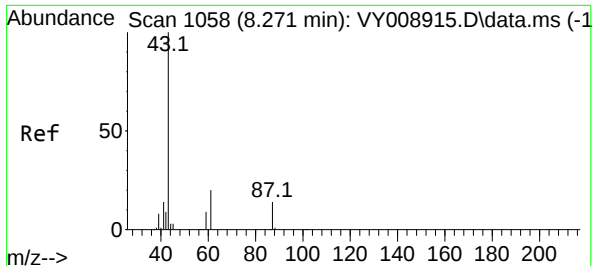
Tgt Ion: 41 Resp: 79935
Ion Ratio Lower Upper
41 100
39 52.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.926 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 62 Resp: 106834
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8

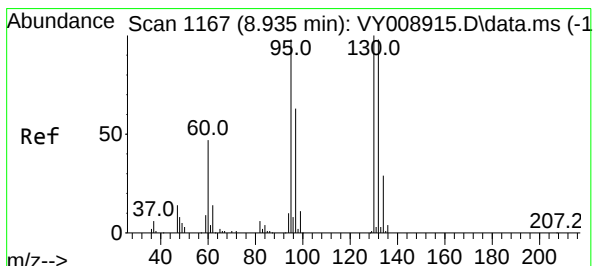
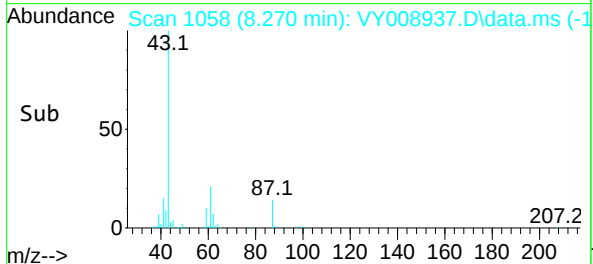
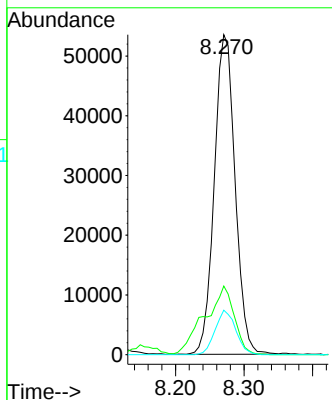
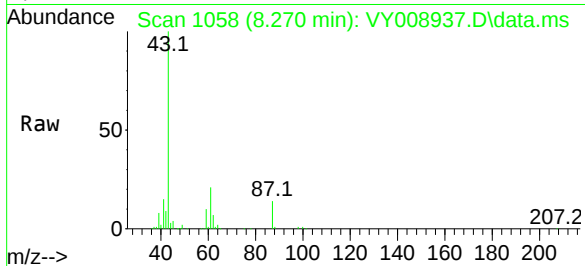




#43
Isopropyl Acetate
Concen: 48.044 ug/l
RT: 8.270 min Scan# 11058
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

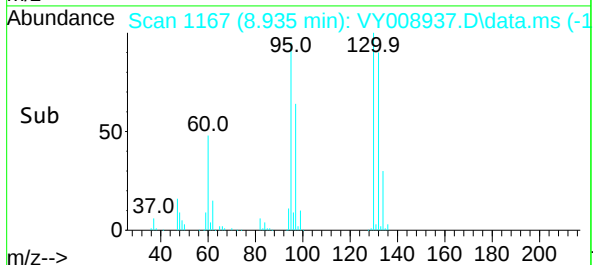
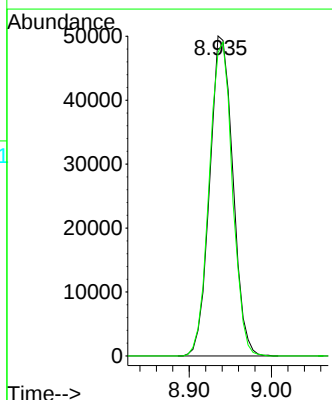
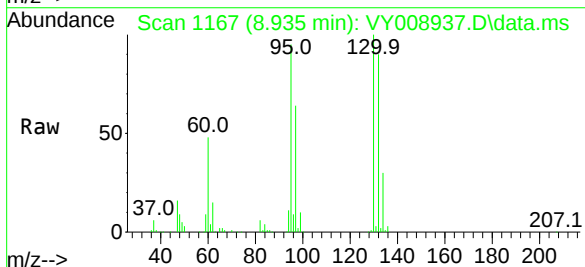
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

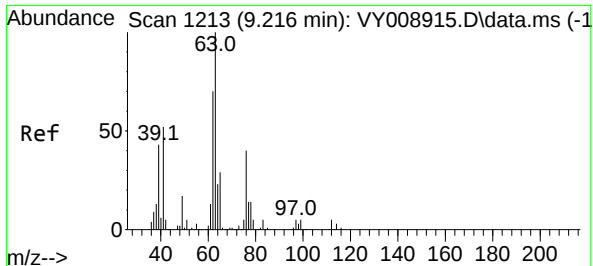
Tgt Ion: 43 Resp: 112595
Ion Ratio Lower Upper
43 100
61 30.7 20.2 30.2#
87 13.8 8.9 13.3#



#44
Trichloroethene
Concen: 52.838 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 130 Resp: 98025
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.646 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

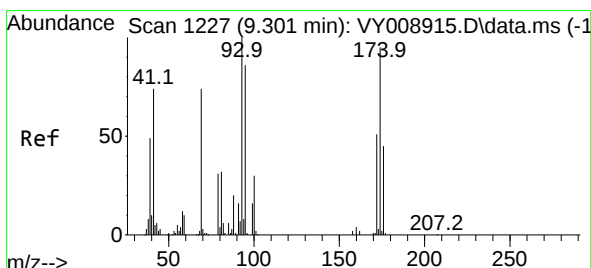
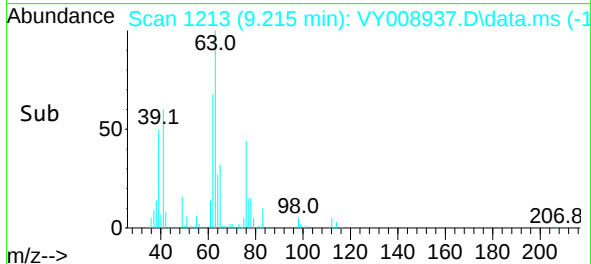
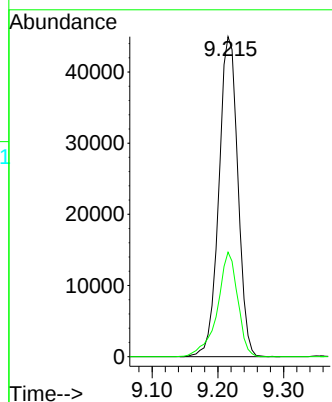
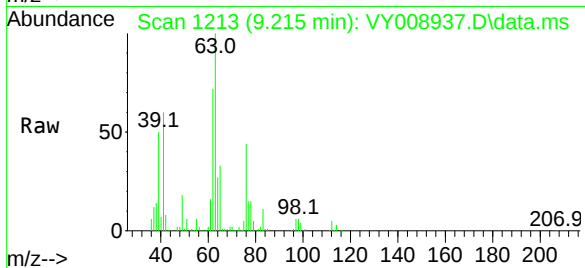
VSTDCCC050

Tgt Ion: 63 Resp: 90253

Ion Ratio Lower Upper

63 100

65 32.6 23.0 34.6



#46

Dibromomethane

Concen: 52.961 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

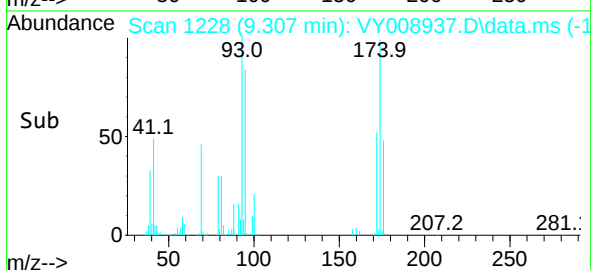
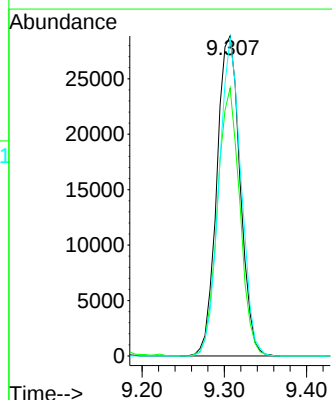
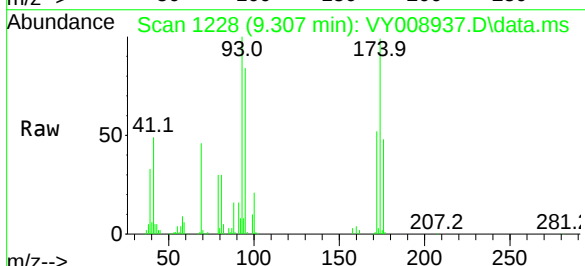
Tgt Ion: 93 Resp: 56655

Ion Ratio Lower Upper

93 100

95 80.7 64.3 96.5

174 94.2 83.4 125.0

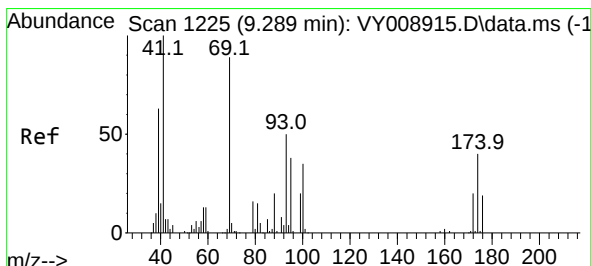
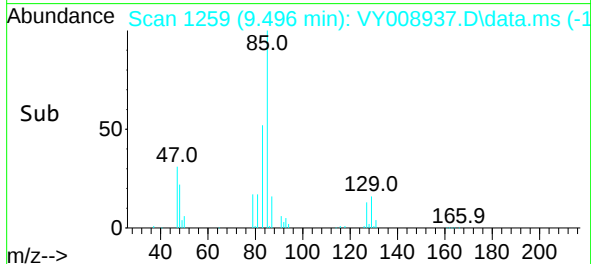
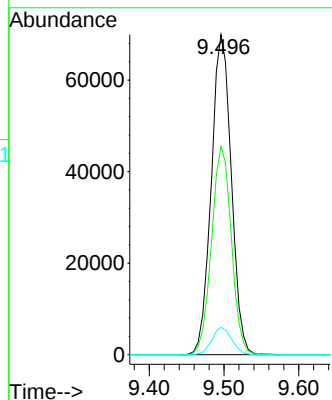
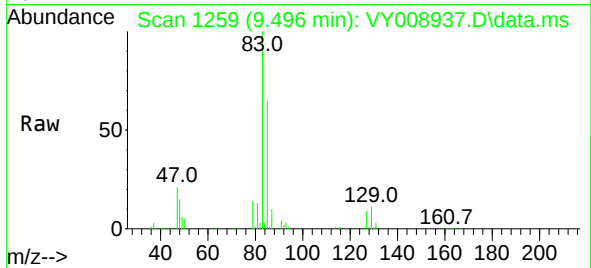




#47
Bromodichloromethane
Concen: 53.172 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

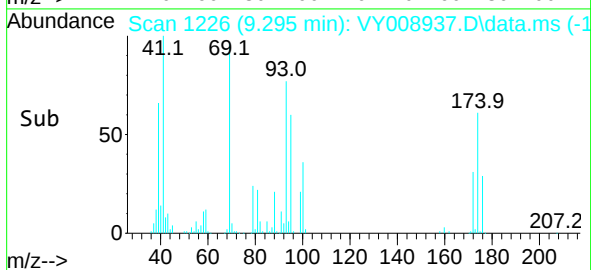
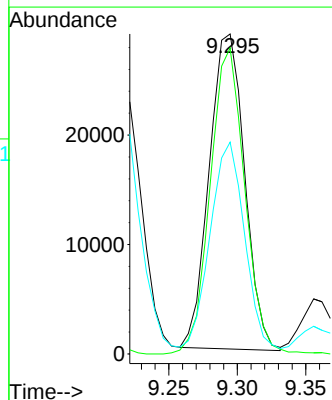
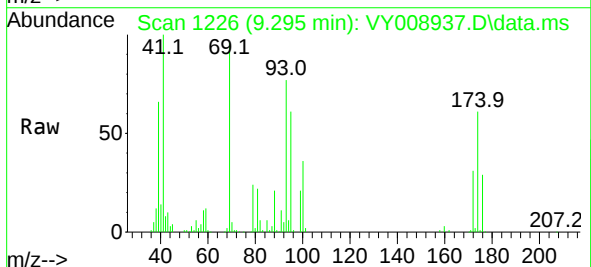
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

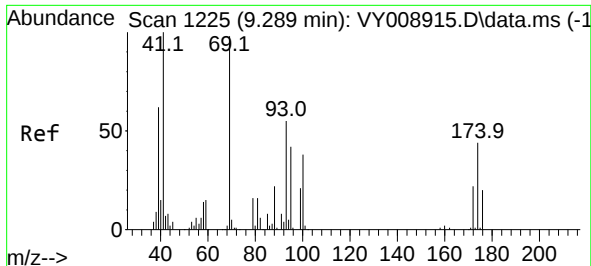
Tgt Ion: 83 Resp: 129996
Ion Ratio Lower Upper
83 100
85 65.1 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 49.430 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 41 Resp: 51728
Ion Ratio Lower Upper
41 100
69 94.9 58.2 87.2#
39 63.4 47.4 71.0





#49

1,4-Dioxane

Concen: 952.291 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

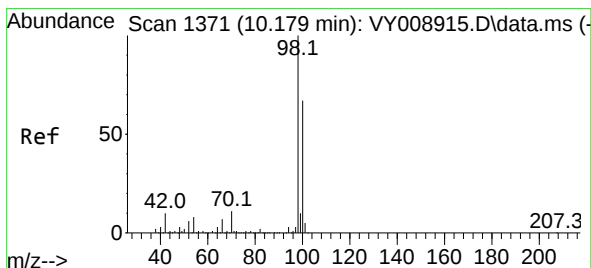
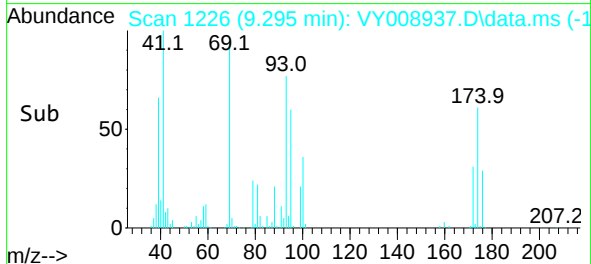
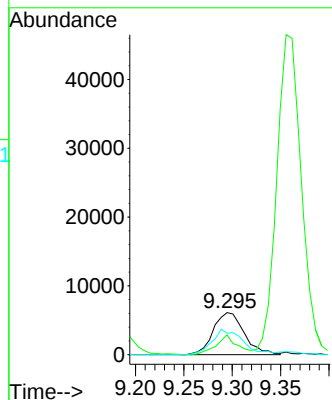
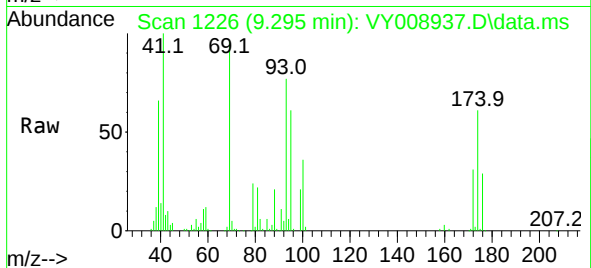
Tgt Ion: 88 Resp: 13618

Ion Ratio Lower Upper

88 100

43 31.9 32.8 49.2#

58 59.6 59.8 89.6#



#50

Toluene-d8

Concen: 38.845 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008937.D

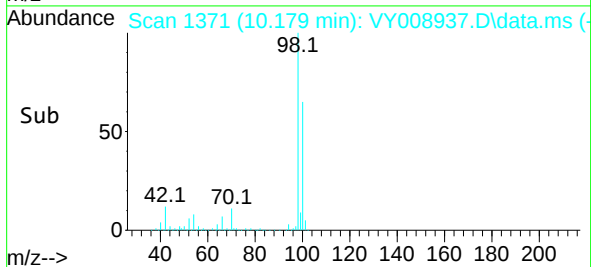
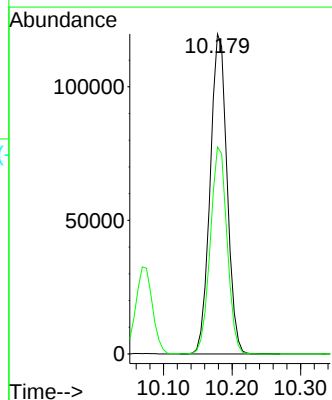
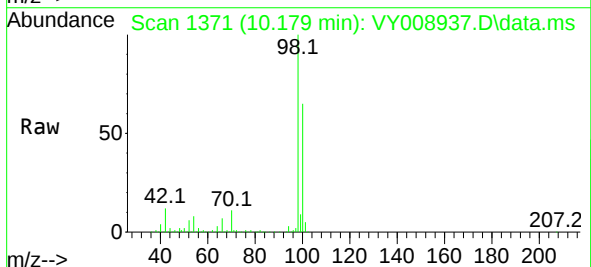
Acq: 21 May 2022 09:57

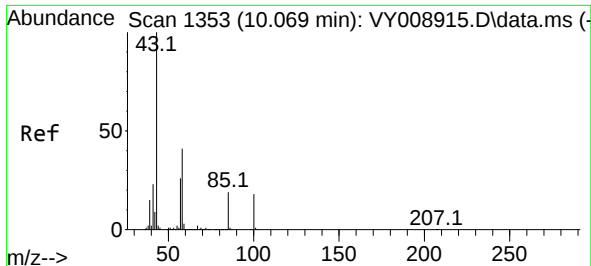
Tgt Ion: 98 Resp: 204607

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2

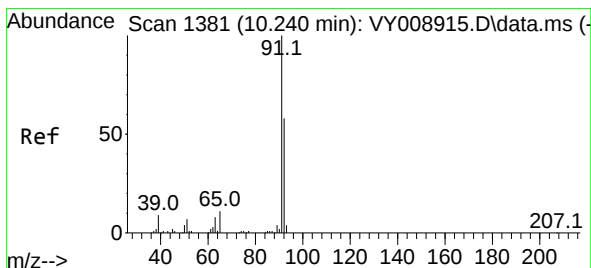
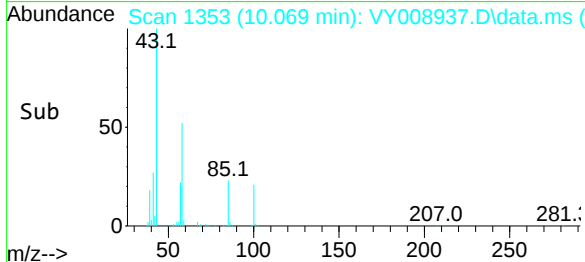
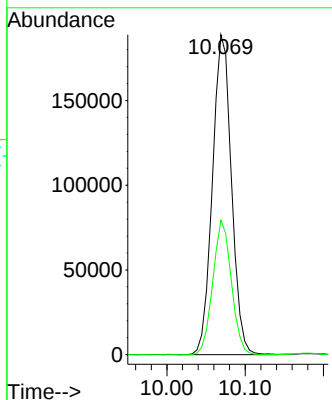
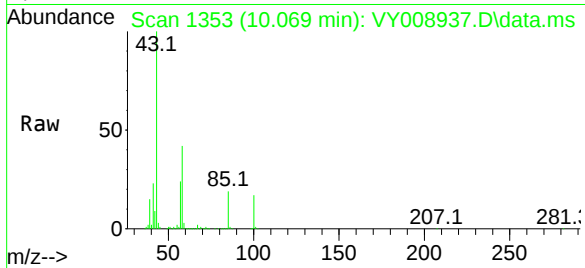




#51
4-Methyl-2-Pentanone
Concen: 245.913 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

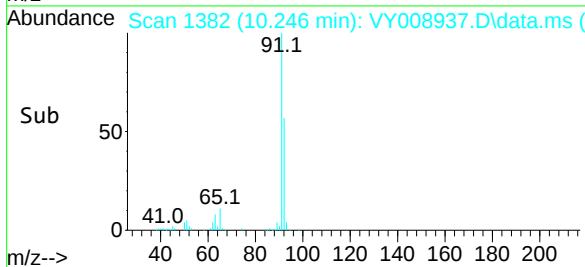
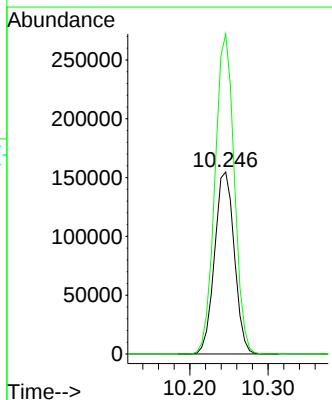
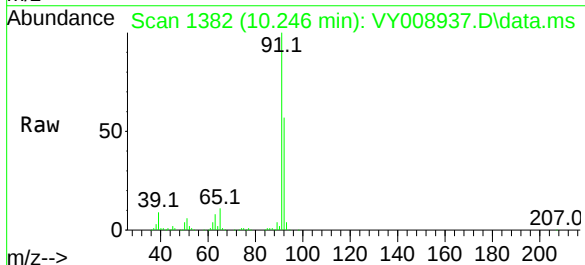
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

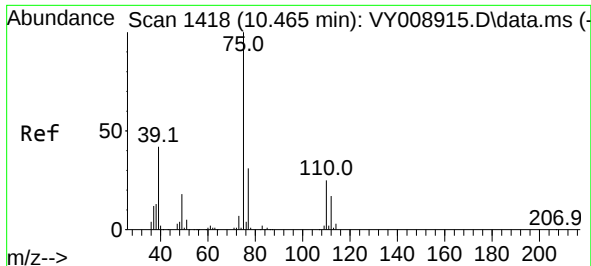
Tgt Ion: 43 Resp: 318956
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1



#52
Toluene
Concen: 55.301 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 92 Resp: 270780
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 51.804 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

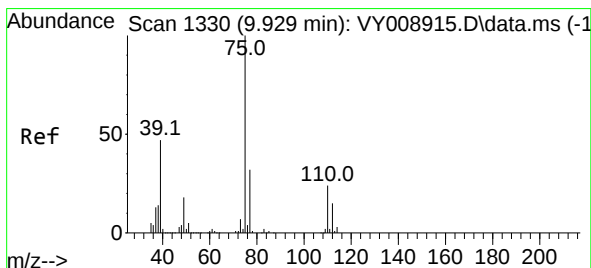
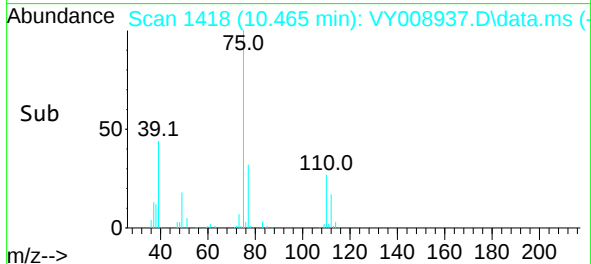
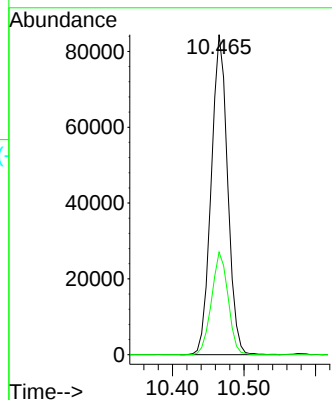
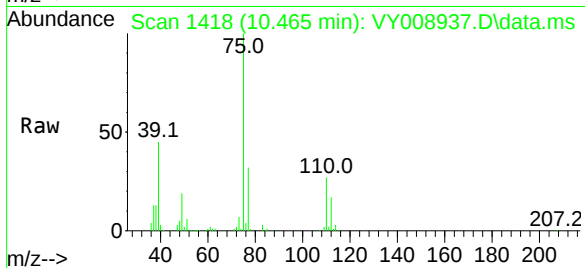
VSTDCCC050

Tgt Ion: 75 Resp: 134496

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.660 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

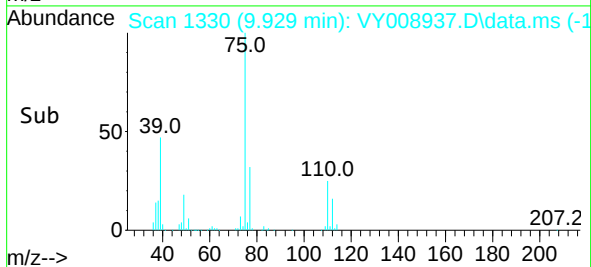
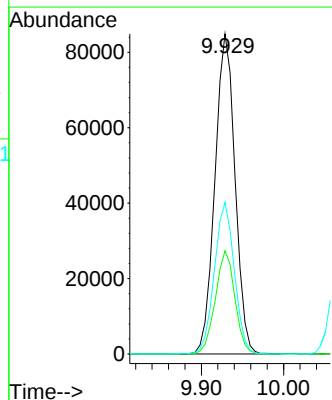
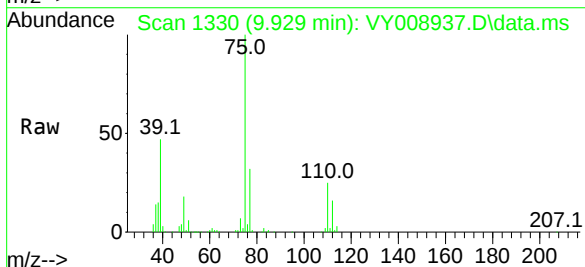
Tgt Ion: 75 Resp: 144184

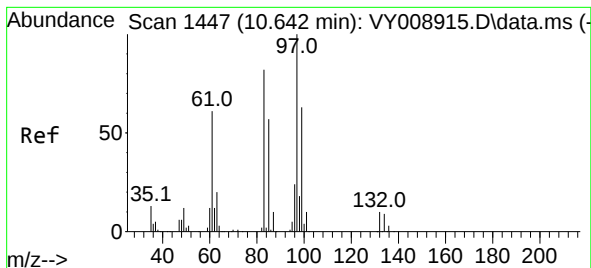
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 47.4 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 53.164 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 79568

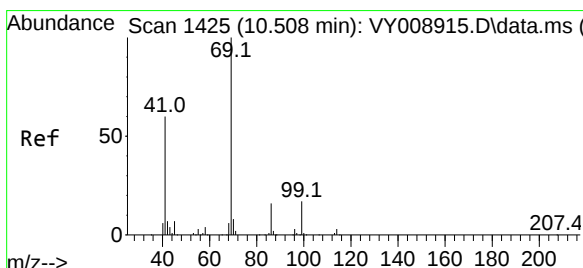
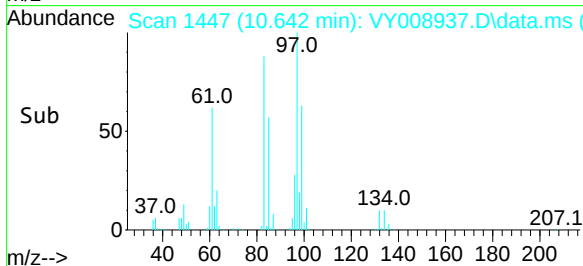
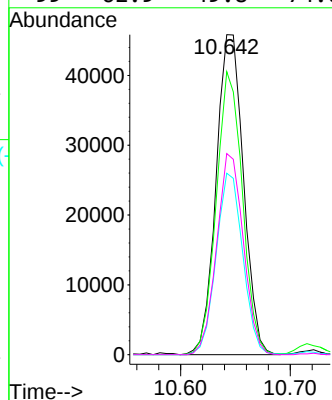
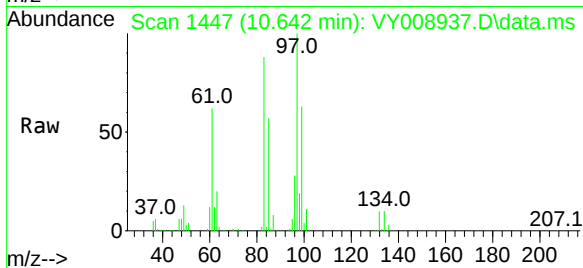
Ion Ratio Lower Upper

97 100

83 88.4 69.8 104.8

85 56.7 44.3 66.5

99 62.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 53.724 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

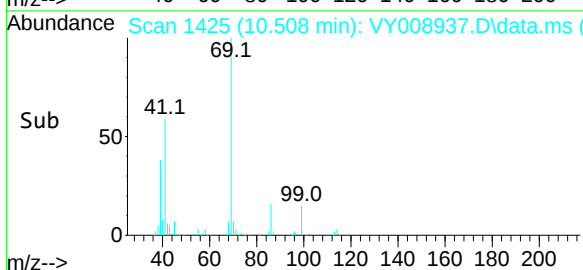
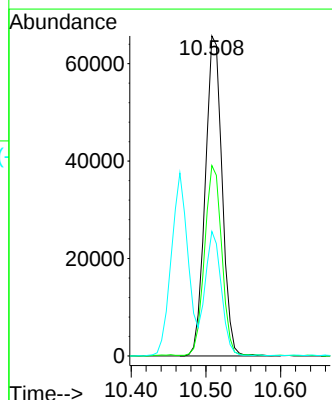
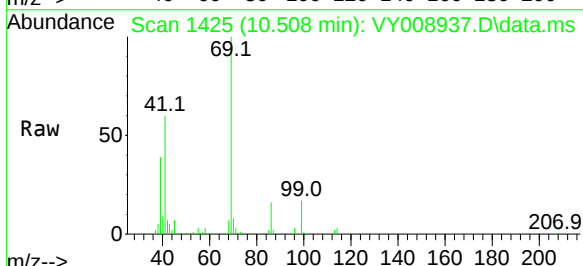
Tgt Ion: 69 Resp: 102799

Ion Ratio Lower Upper

69 100

41 60.4 63.4 95.0#

39 36.4 35.8 53.8





#57

1,3-Dichloropropane

Concen: 52.992 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

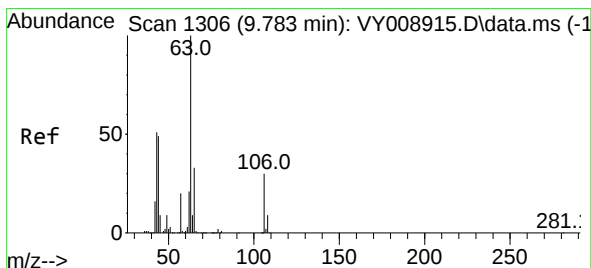
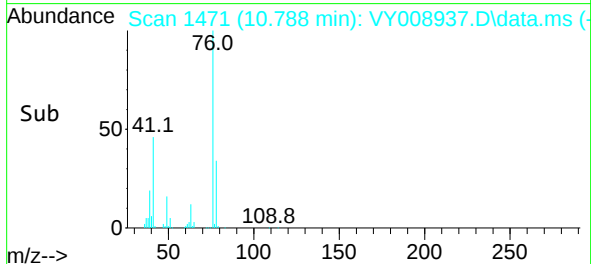
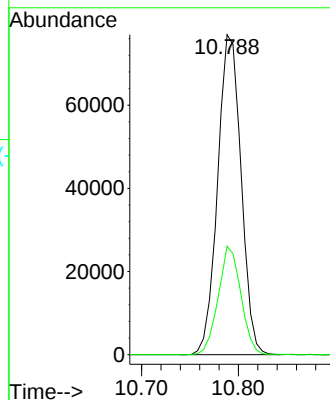
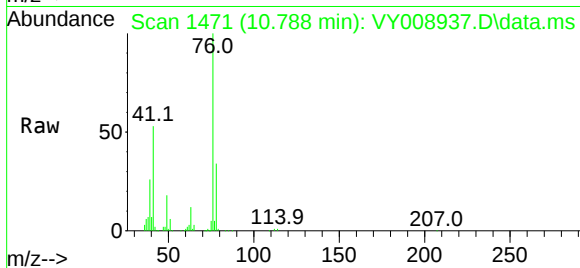
VSTDCCC050

Tgt Ion: 76 Resp: 129375

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 243.939 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY008937.D

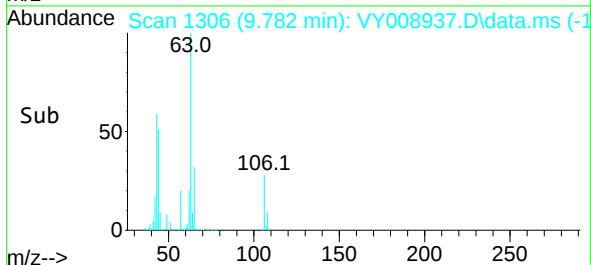
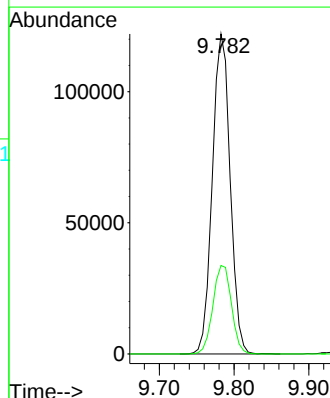
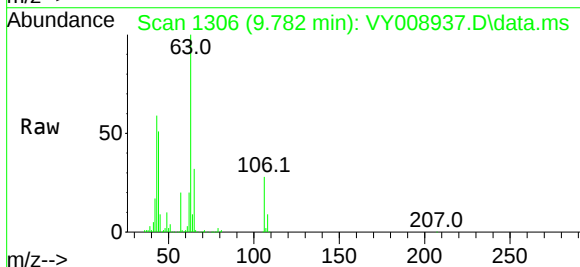
Acq: 21 May 2022 09:57

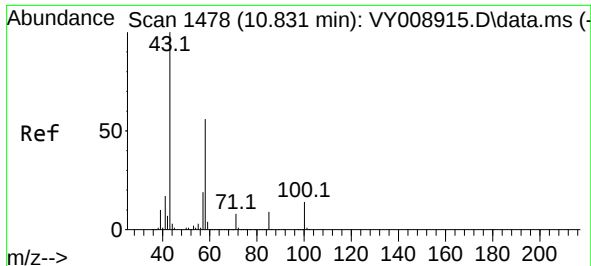
Tgt Ion: 63 Resp: 201937

Ion Ratio Lower Upper

63 100

106 28.7 21.5 32.3

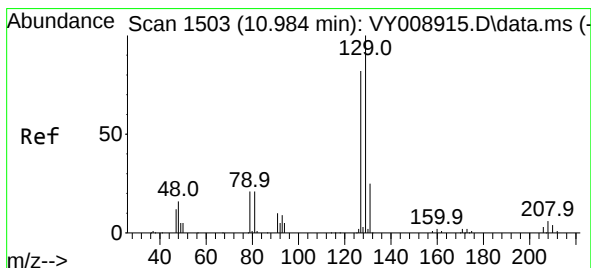
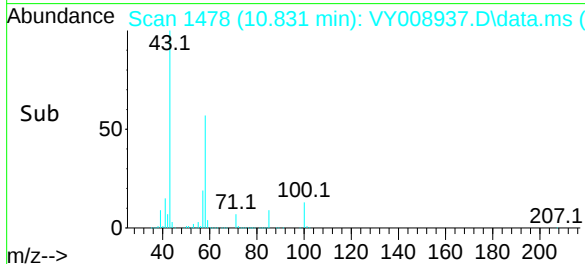
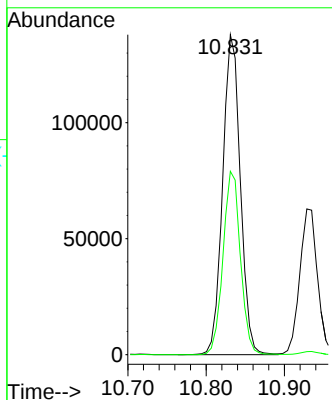
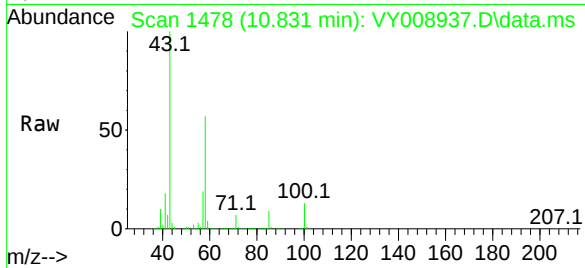




#59
2-Hexanone
Concen: 243.798 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

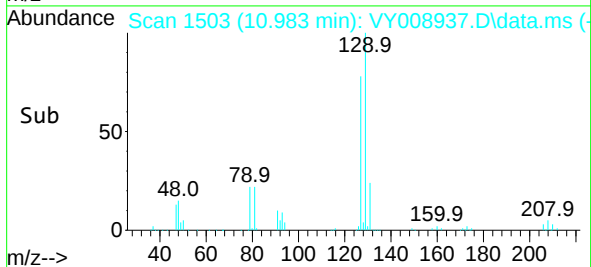
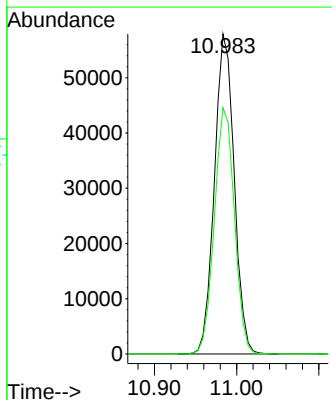
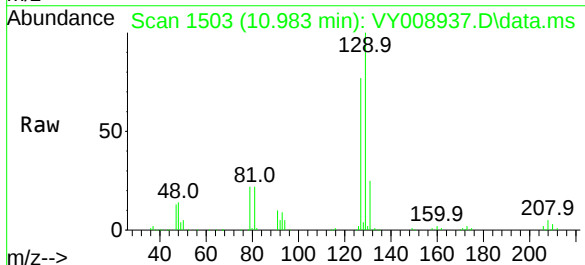
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

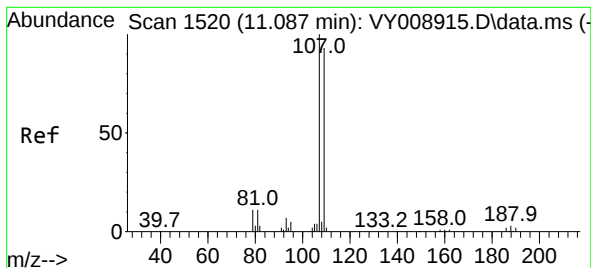
Tgt Ion: 43 Resp: 216502
Ion Ratio Lower Upper
43 100
58 56.6 24.4 73.4



#60
Dibromochloromethane
Concen: 53.236 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 129 Resp: 96583
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1

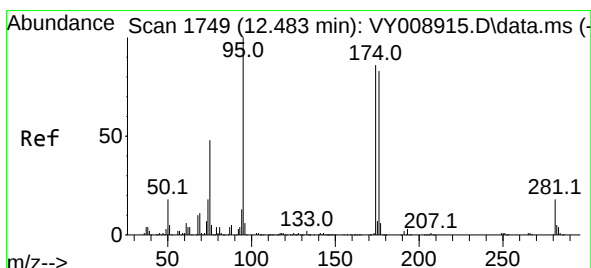
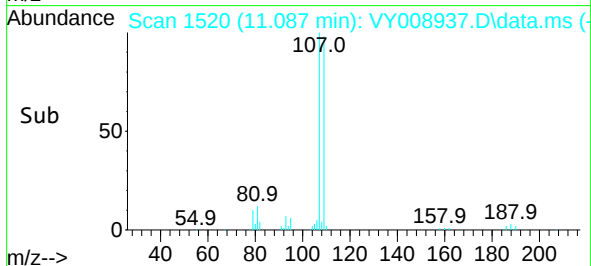
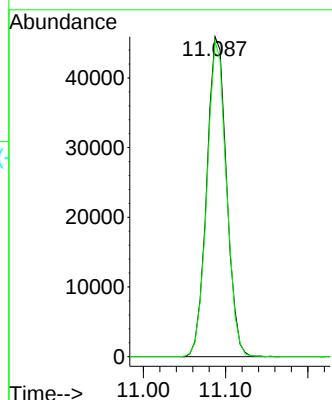
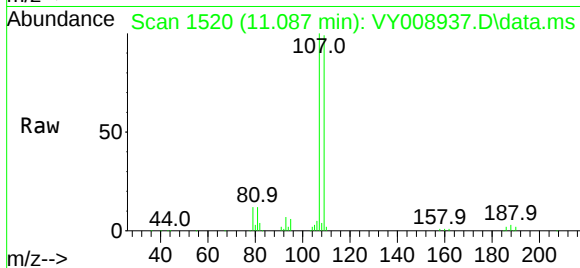




#61
1,2-Dibromoethane
Concen: 51.714 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

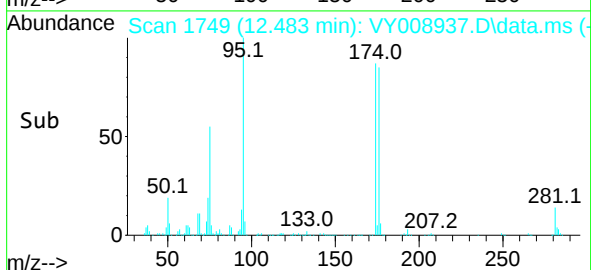
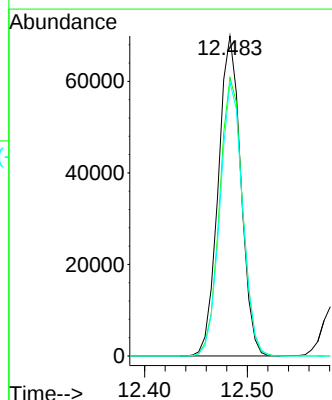
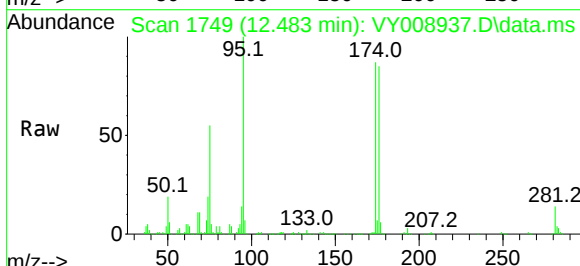
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

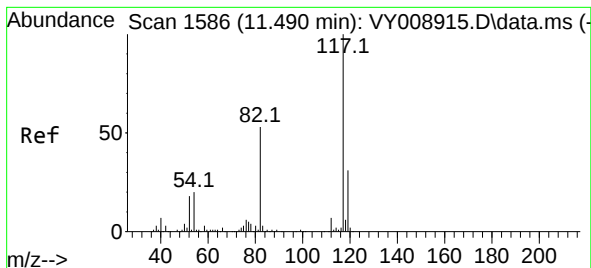
Tgt Ion:107 Resp: 76695
Ion Ratio Lower Upper
107 100
109 97.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 95 Resp: 106349
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

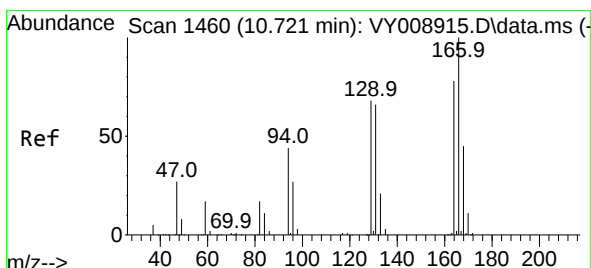
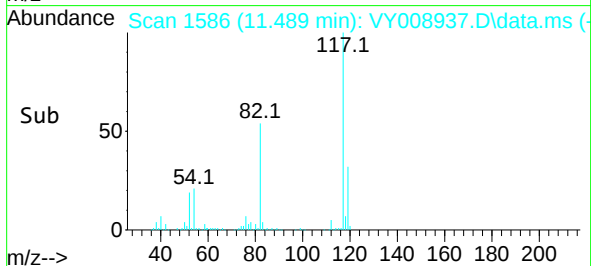
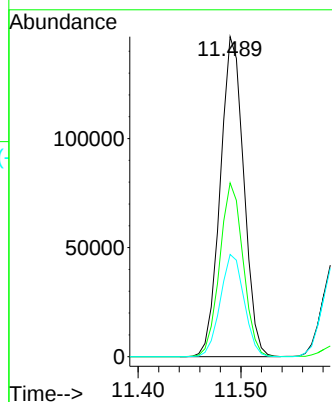
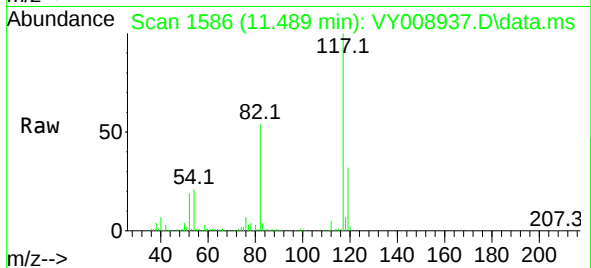
Tgt Ion:117 Resp: 232849

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 51.748 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Tgt Ion:164 Resp: 87703

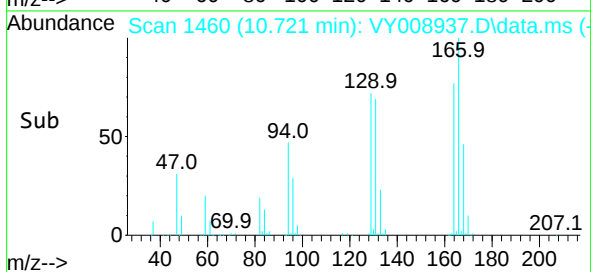
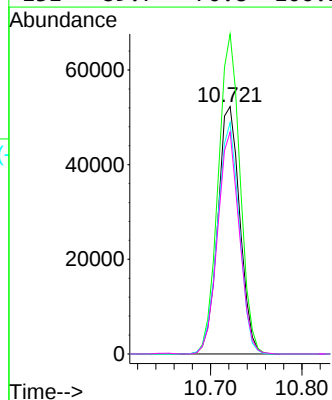
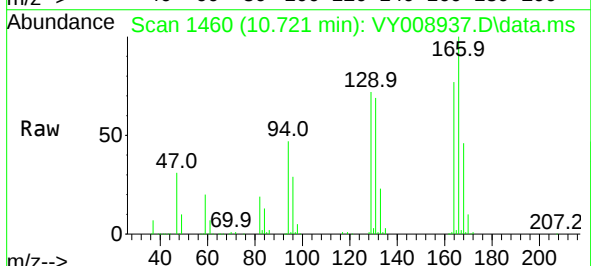
Ion Ratio Lower Upper

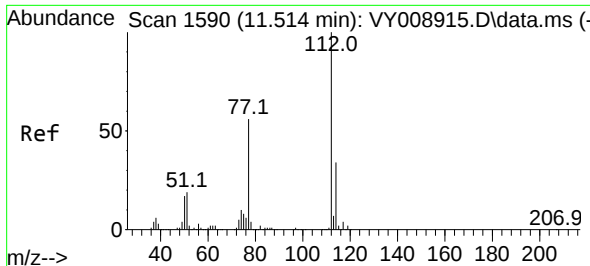
164 100

166 129.3 100.4 150.6

129 93.5 71.4 107.0

131 89.7 70.8 106.2

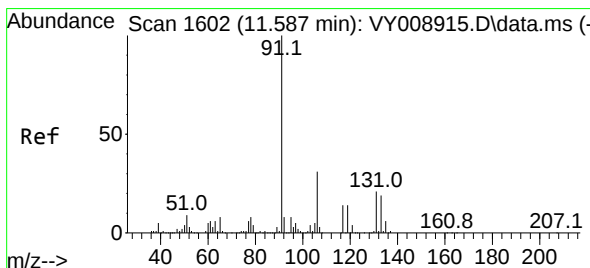
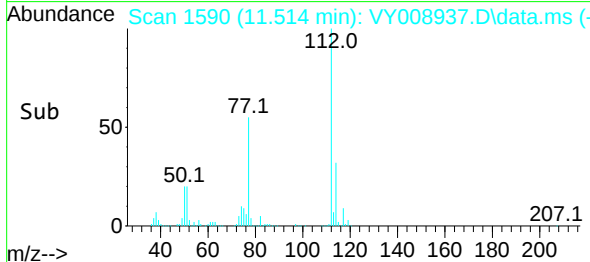
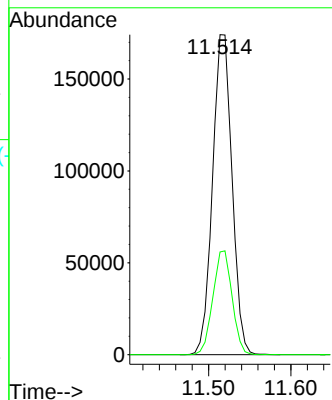
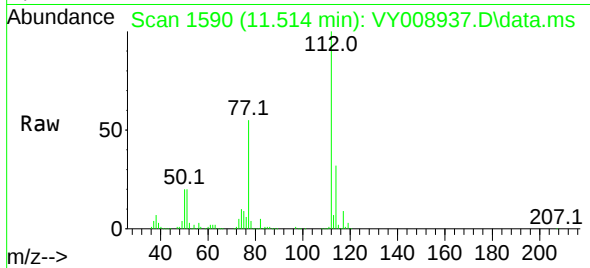




#65
Chlorobenzene
Concen: 53.567 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

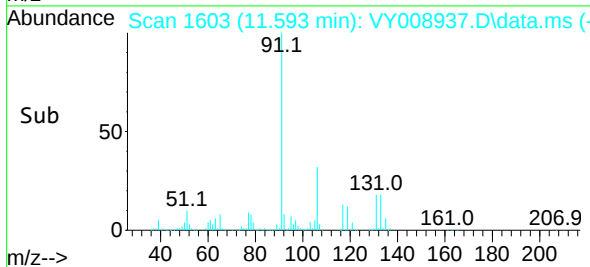
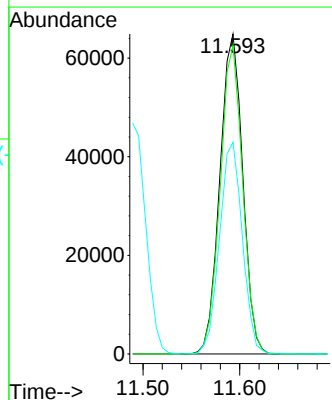
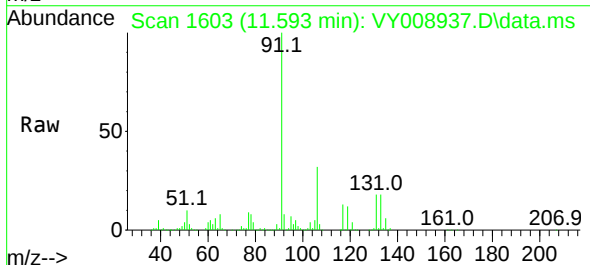
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

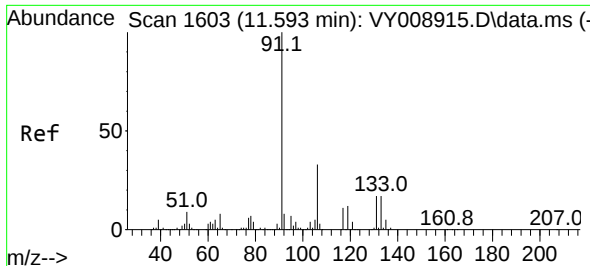
Tgt Ion:112 Resp: 286282
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.297 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion:131 Resp: 106255
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 66.2 30.8 92.3

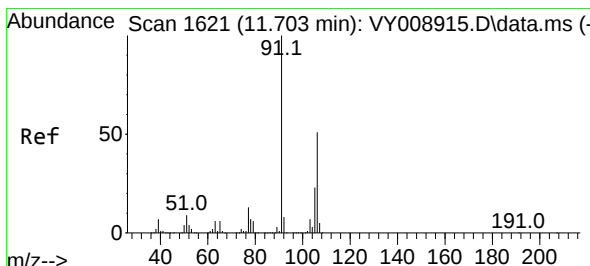
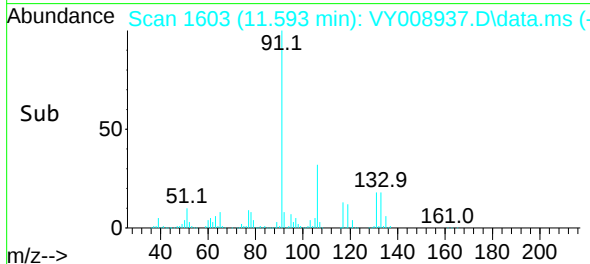
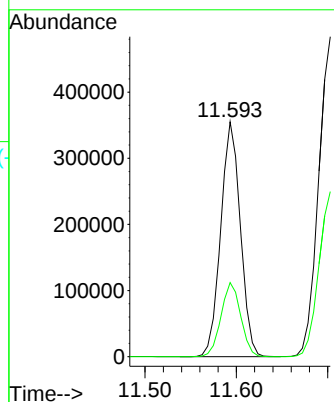
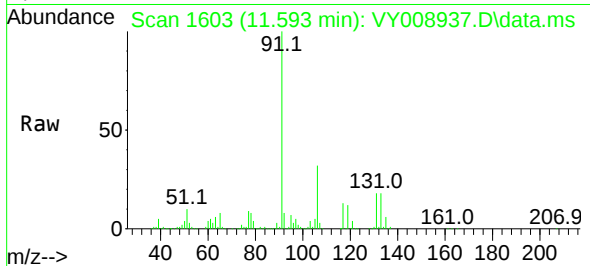




#67
Ethyl Benzene
Concen: 55.095 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

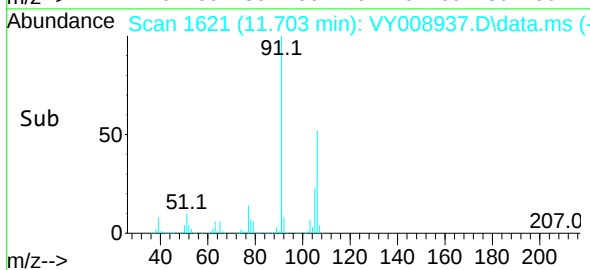
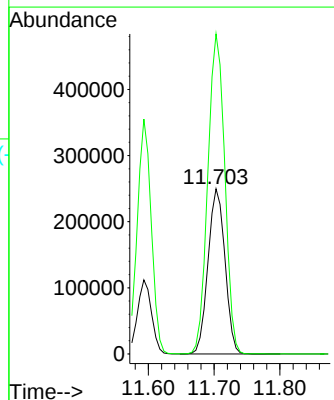
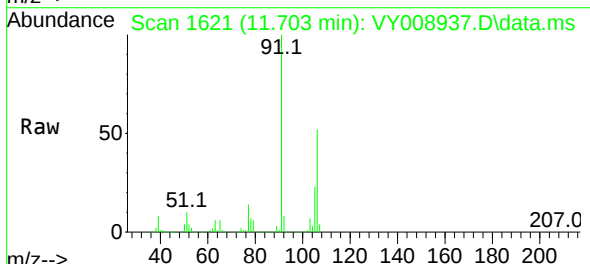
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

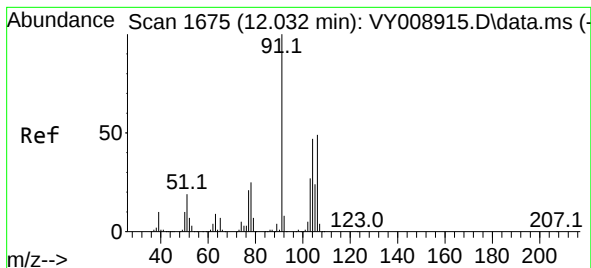
Tgt Ion: 91 Resp: 530643
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 114.333 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion:106 Resp: 447028
Ion Ratio Lower Upper
106 100
91 194.1 166.6 249.8

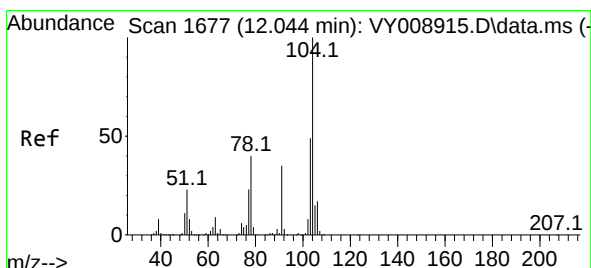
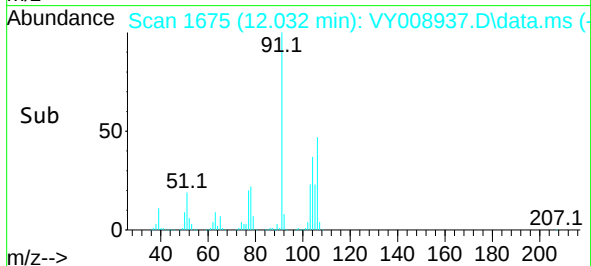
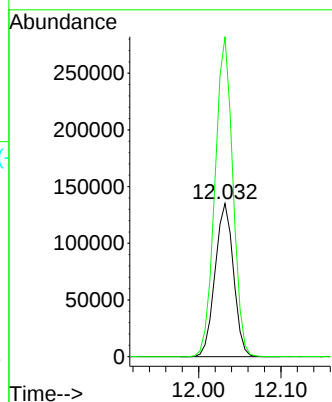
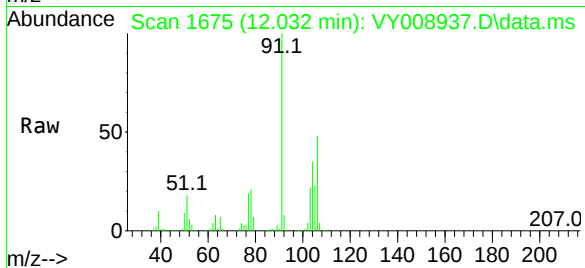




#69
o-Xylene
Concen: 57.759 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

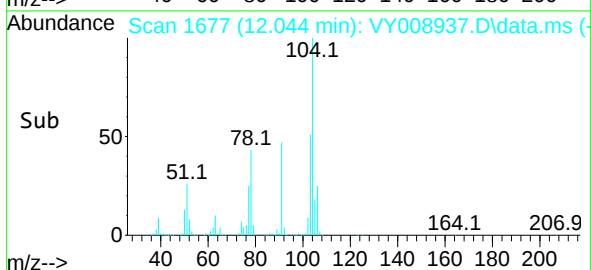
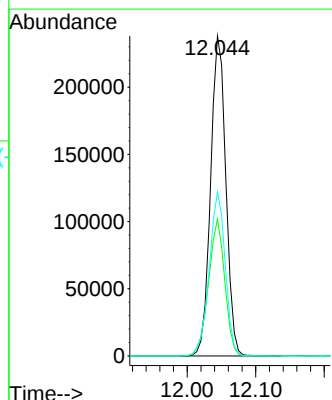
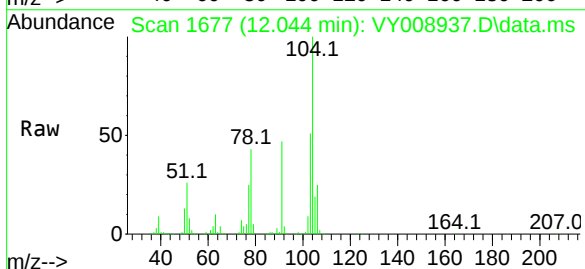
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

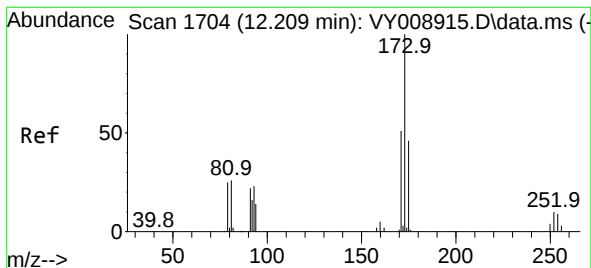
Tgt Ion:106 Resp: 209711
Ion Ratio Lower Upper
106 100
91 203.5 110.3 331.0



#70
Styrene
Concen: 58.954 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion:104 Resp: 368106
Ion Ratio Lower Upper
104 100
78 45.6 42.4 63.6
103 54.0 44.4 66.6





#71

Bromoform

Concen: 52.135 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

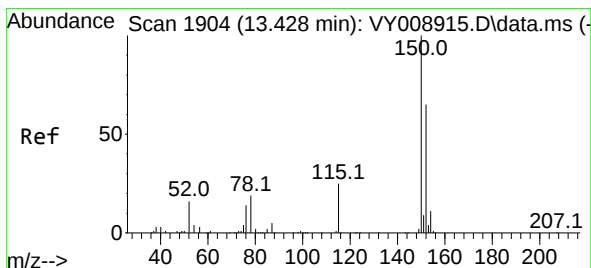
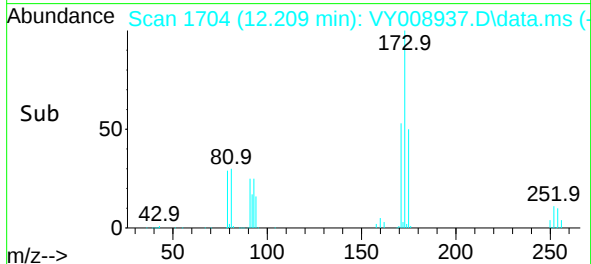
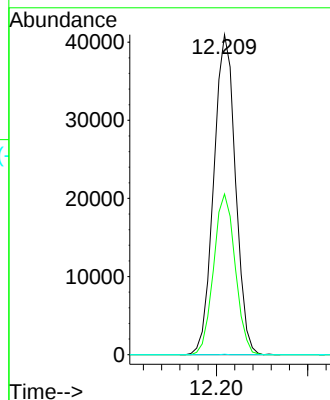
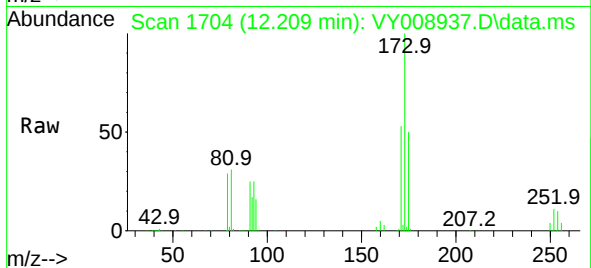
Tgt Ion:173 Resp: 67633

Ion Ratio Lower Upper

173 100

175 49.8 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: VY008937.D

Acq: 21 May 2022 09:57

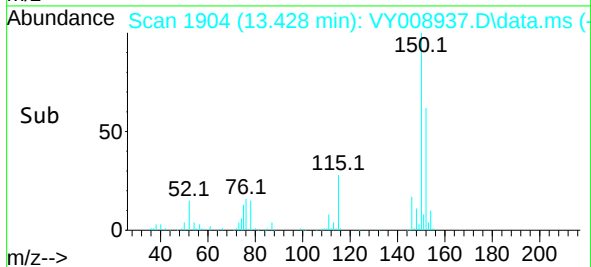
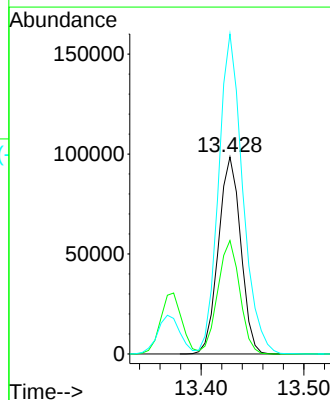
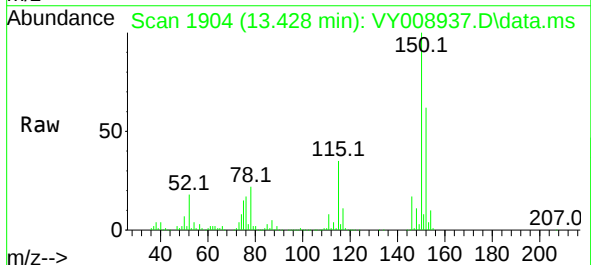
Tgt Ion:152 Resp: 148527

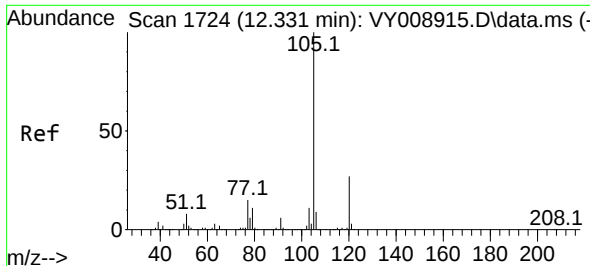
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 176.1 0.0 347.6

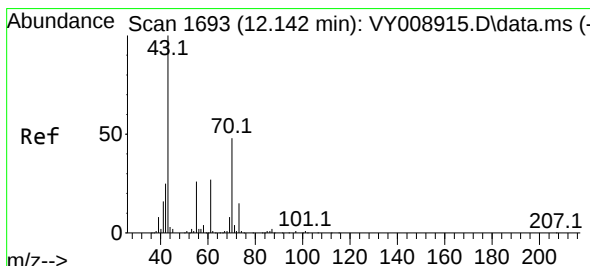
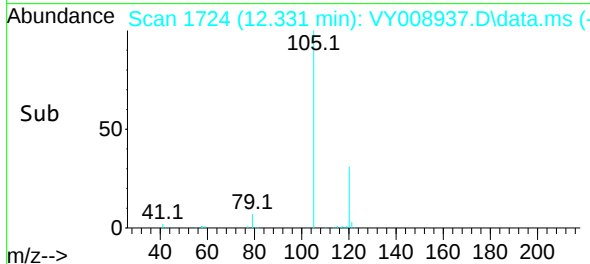
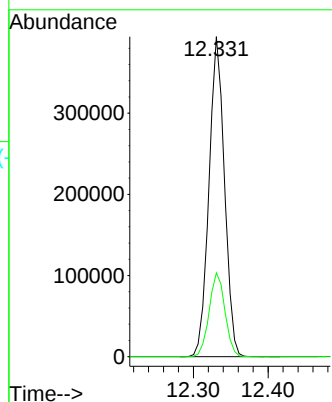
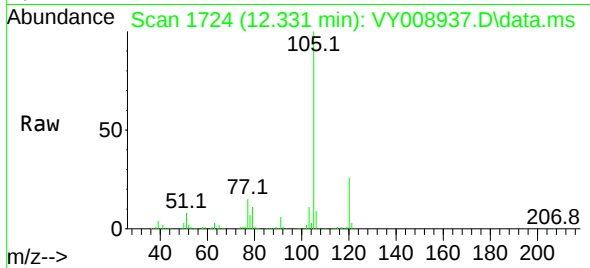




#73
Isopropylbenzene
Concen: 50.998 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

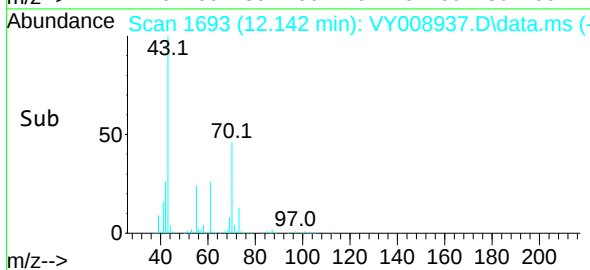
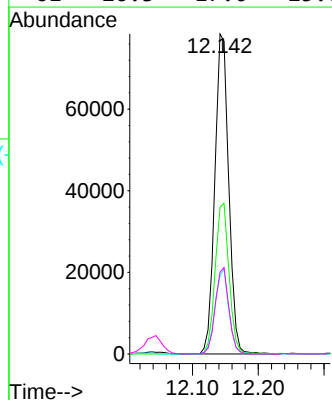
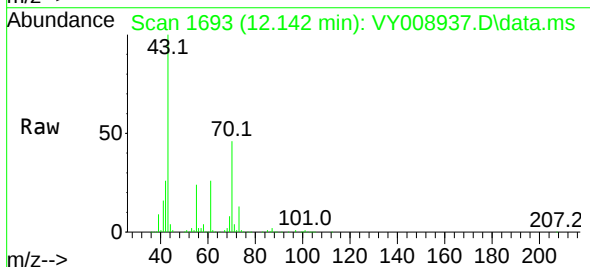
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

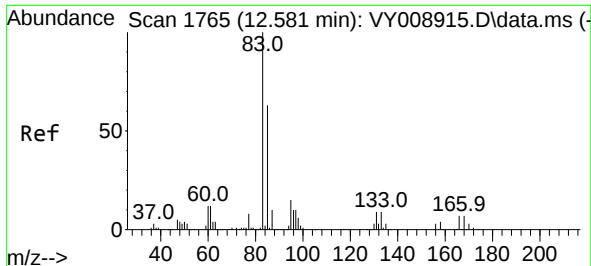
Tgt Ion:105 Resp: 566386
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 45.045 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 43 Resp: 115423
Ion Ratio Lower Upper
43 100
70 47.1 28.7 43.1#
55 26.0 17.3 25.9#
61 26.3 17.0 25.6#

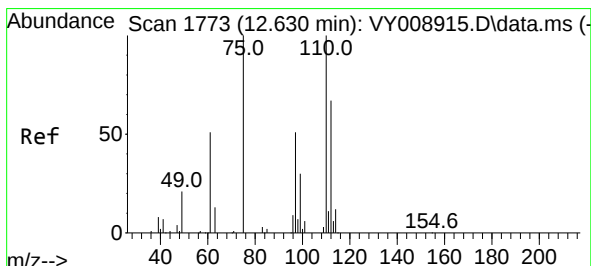
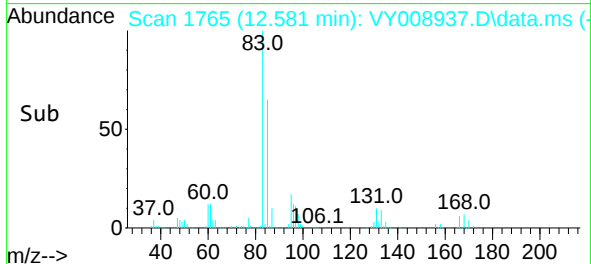
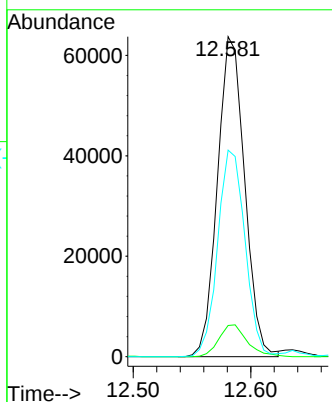
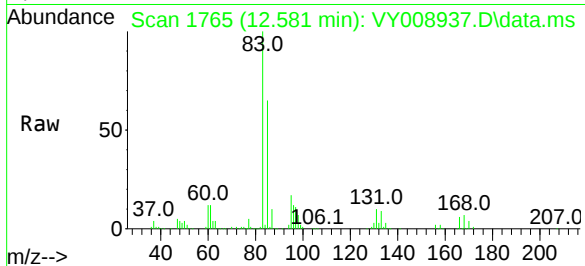




#75
1,1,2,2-Tetrachloroethane
Concen: 44.883 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

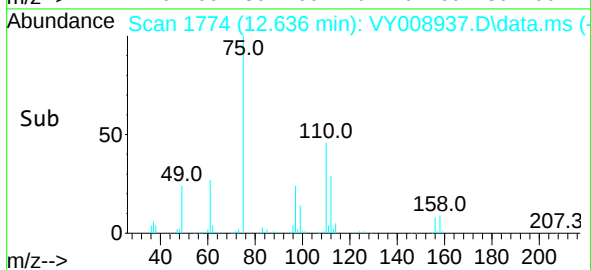
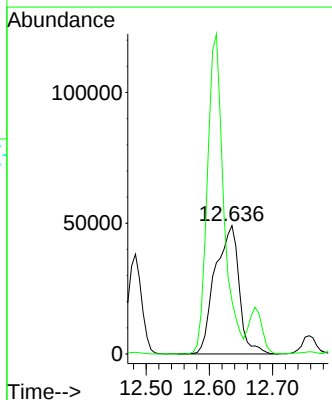
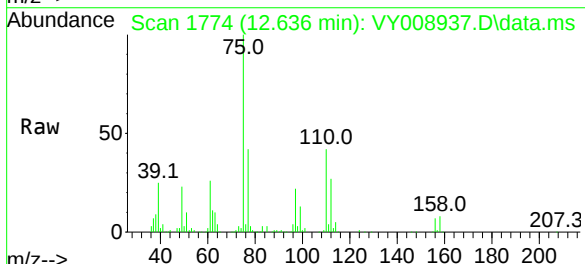
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

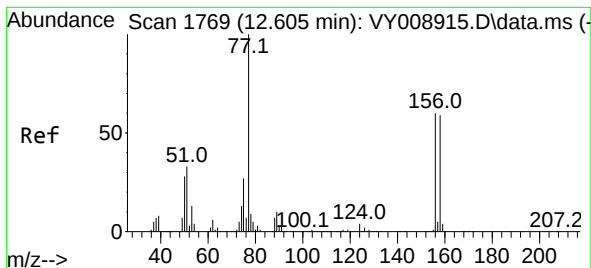
Tgt Ion: 83 Resp: 102683
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 64.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 81.271 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 75 Resp: 129628
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.259 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

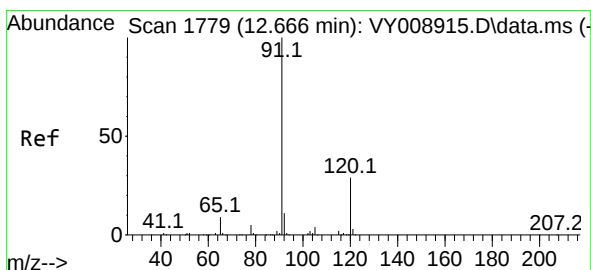
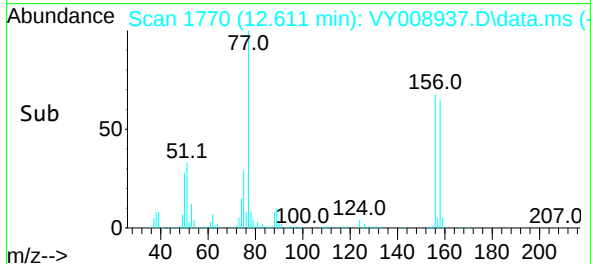
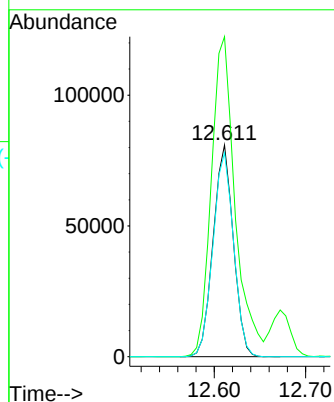
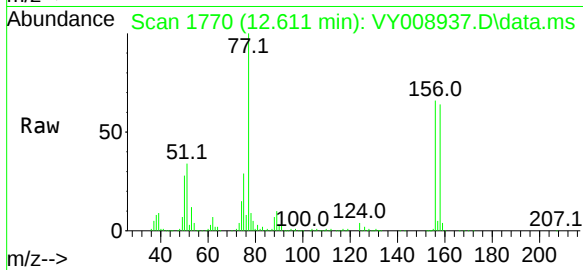
Tgt Ion:156 Resp: 124242

Ion Ratio Lower Upper

156 100

77 177.8 95.5 286.4

158 98.5 48.0 144.0



#78

n-propylbenzene

Concen: 54.206 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY008937.D

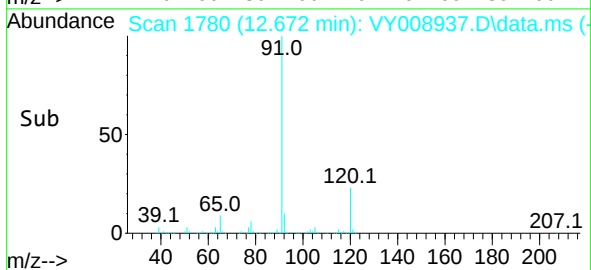
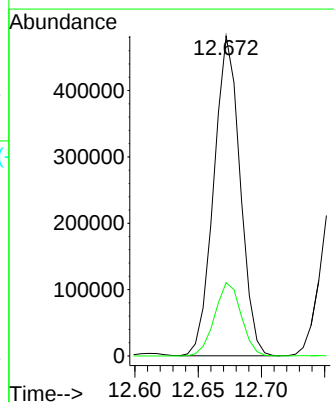
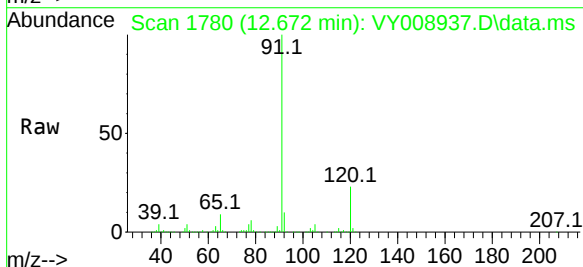
Acq: 21 May 2022 09:57

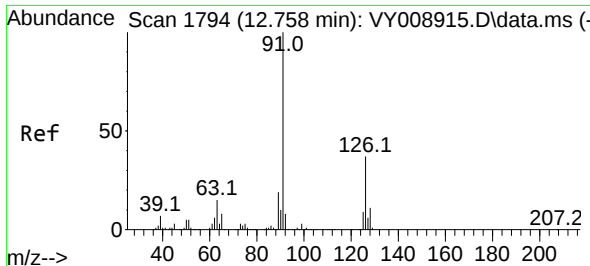
Tgt Ion: 91 Resp: 695535

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9

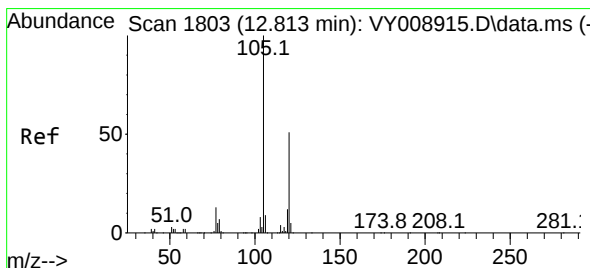
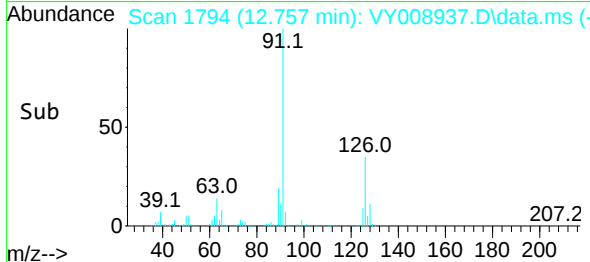
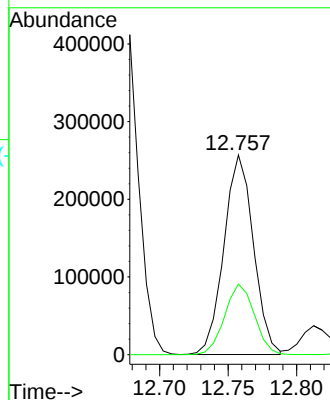
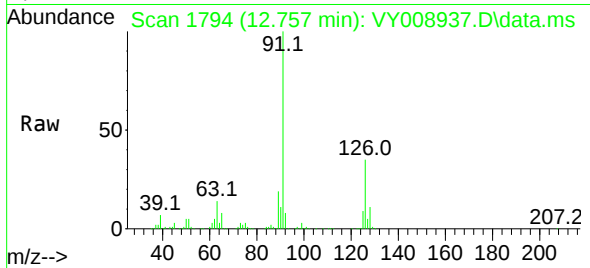




#79
2-Chlorotoluene
Concen: 52.093 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

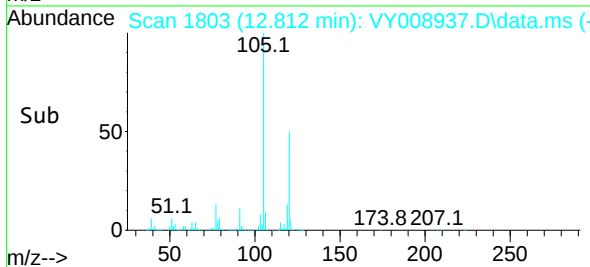
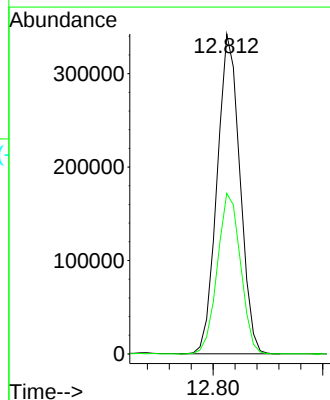
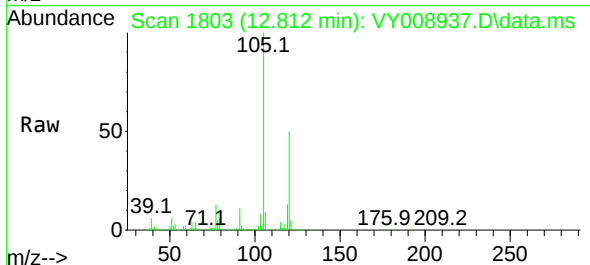
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

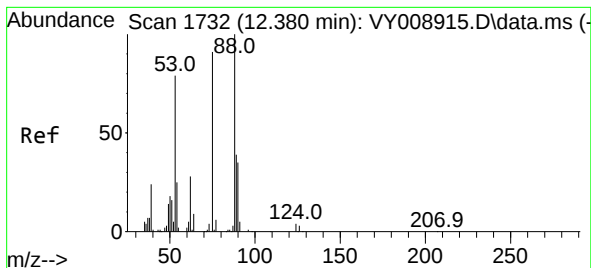
Tgt Ion: 91 Resp: 385558
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 53.166 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 105 Resp: 494913
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

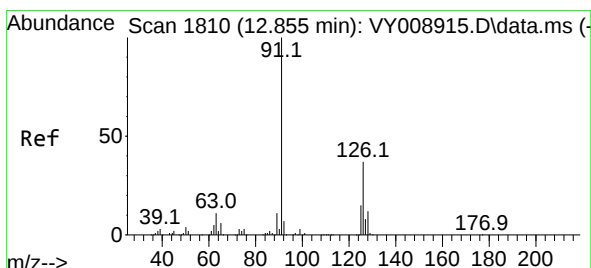
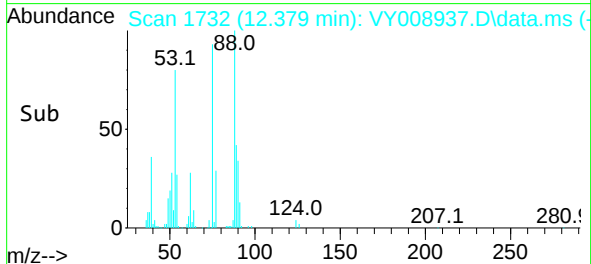
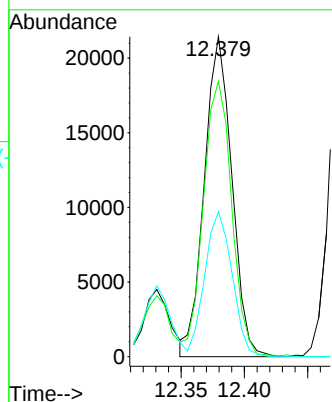
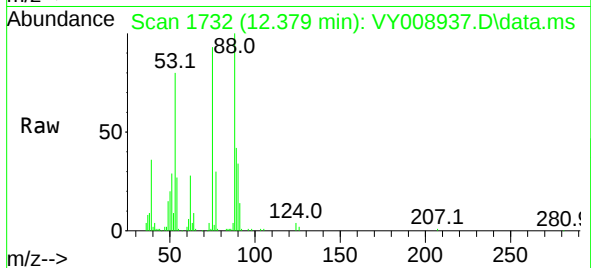




#81
trans-1,4-Dichloro-2-butene
Concen: 41.763 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

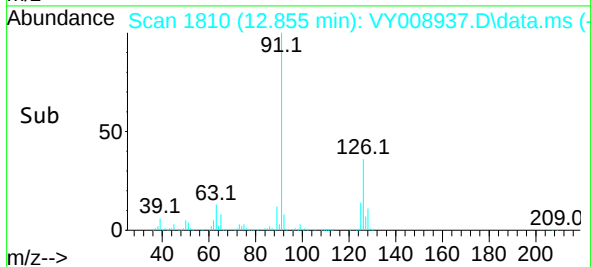
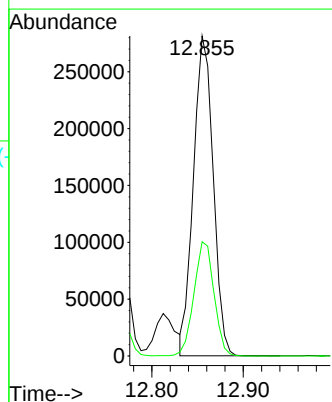
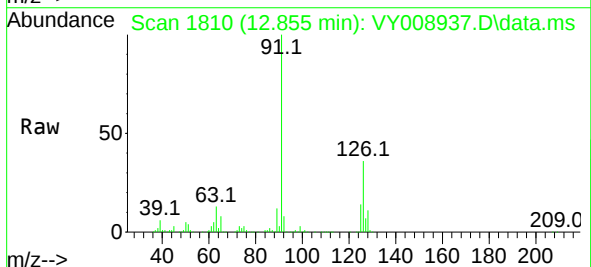
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

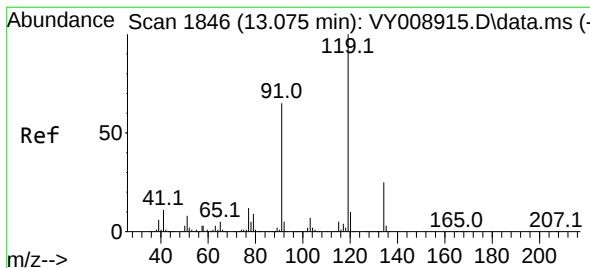
Tgt Ion: 75 Resp: 32454
Ion Ratio Lower Upper
75 100
53 88.6 85.3 127.9
89 44.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.355 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion: 91 Resp: 422373
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0

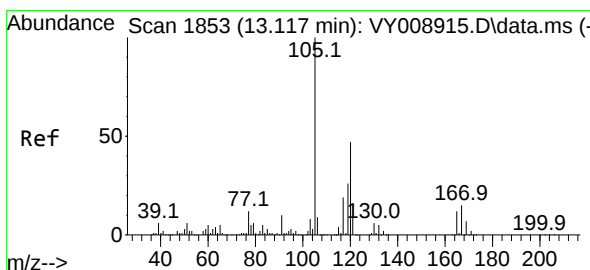
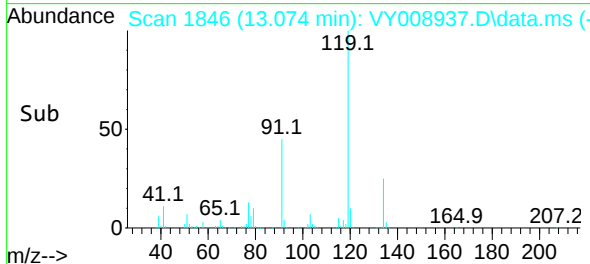
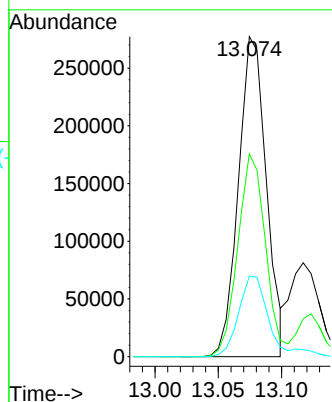
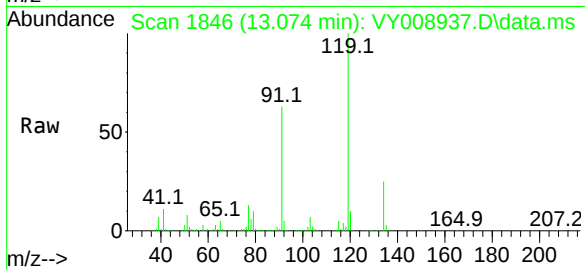




#83
tert-Butylbenzene
Concen: 51.599 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

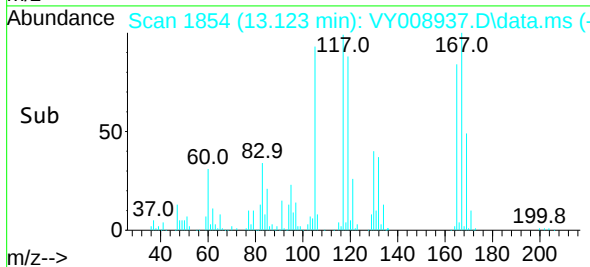
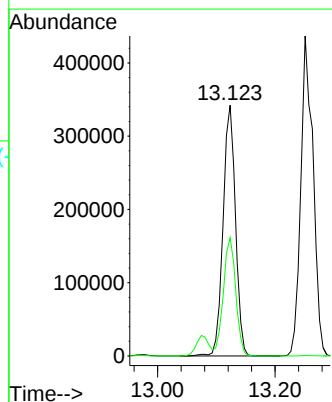
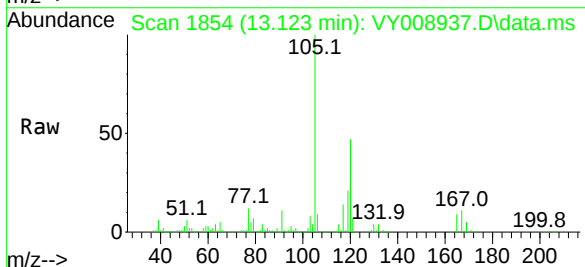
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

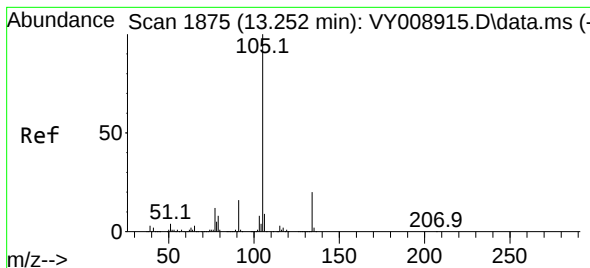
Tgt Ion:119 Resp: 426137
Ion Ratio Lower Upper
119 100
91 63.0 34.8 104.4
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.269 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion:105 Resp: 501491
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.086 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

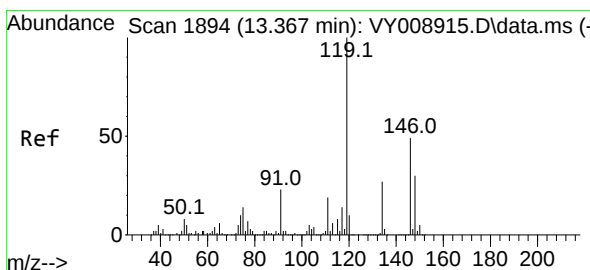
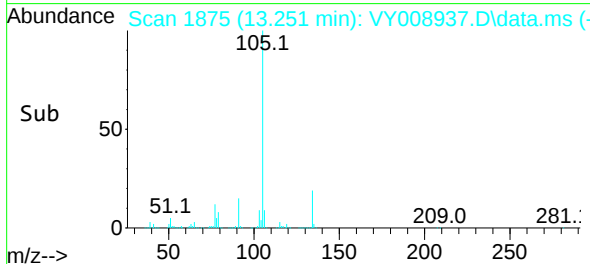
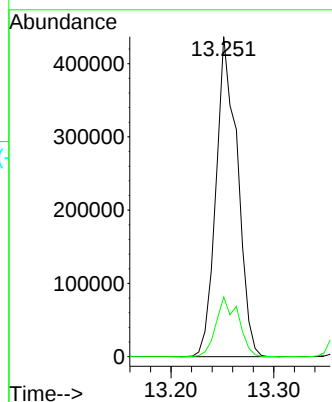
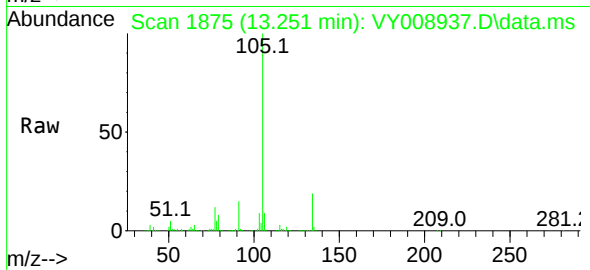
VSTDCCC050

Tgt Ion:105 Resp: 632869

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.255 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

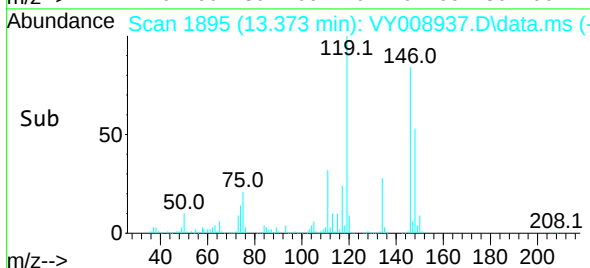
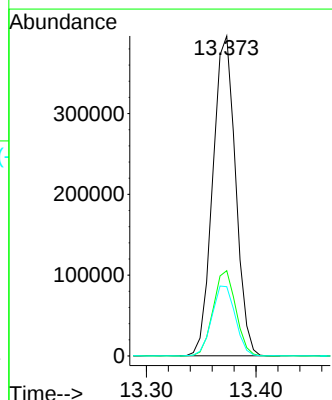
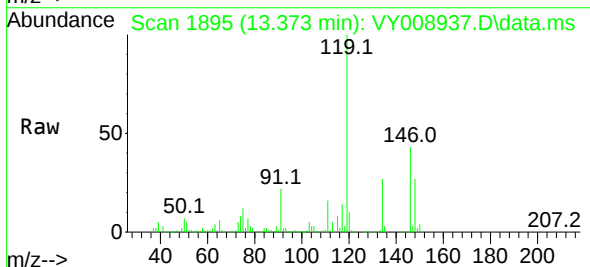
Tgt Ion:119 Resp: 571692

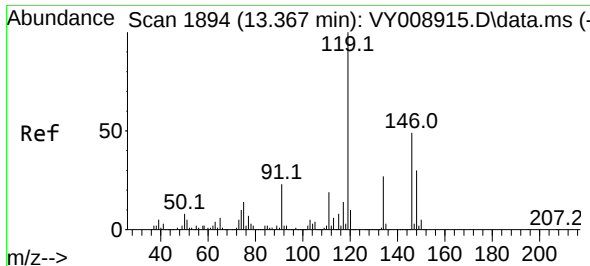
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 22.4 12.4 37.2

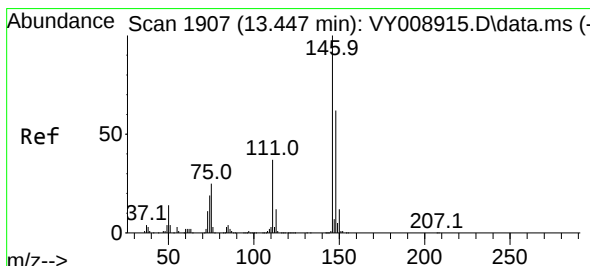
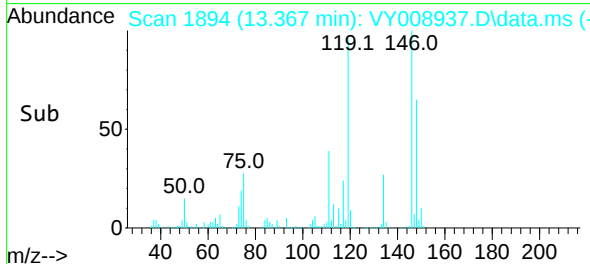
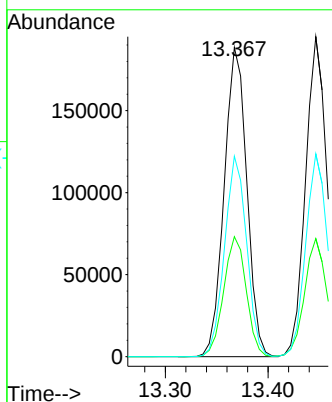
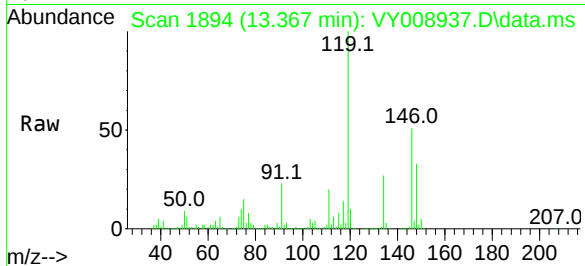




#87
1,3-Dichlorobenzene
Concen: 52.514 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

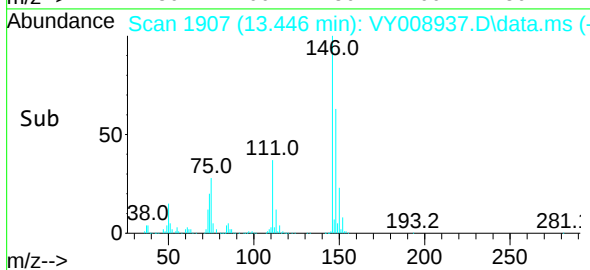
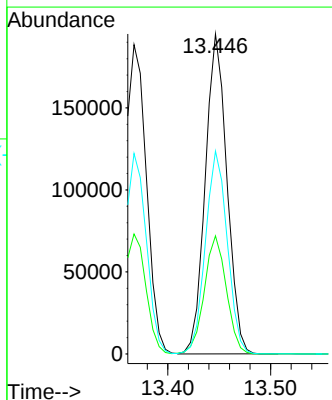
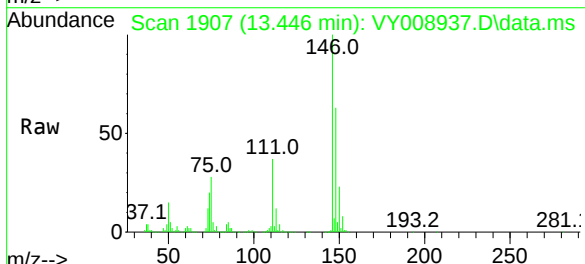
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

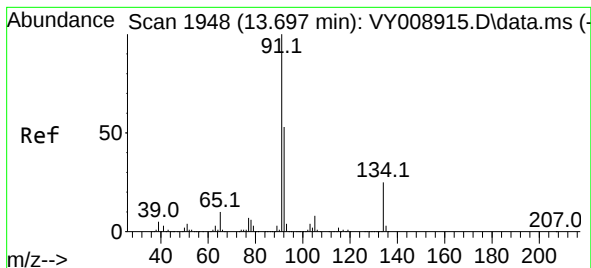
Tgt Ion:146 Resp: 288393
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 51.870 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion:146 Resp: 286189
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 64.0 32.6 97.8





#89

n-Butylbenzene

Concen: 52.103 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

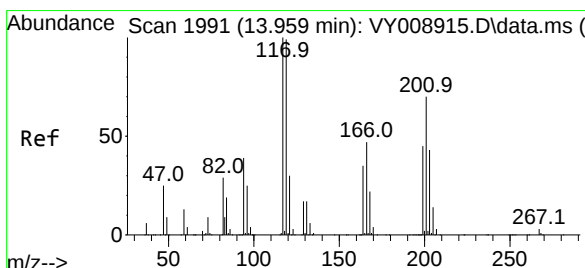
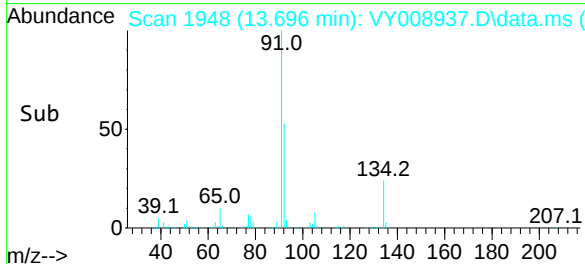
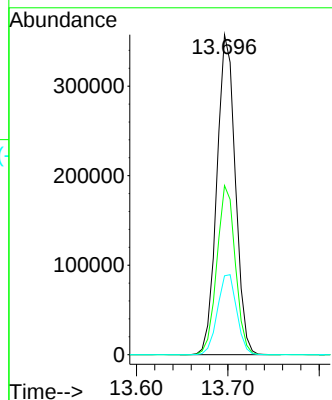
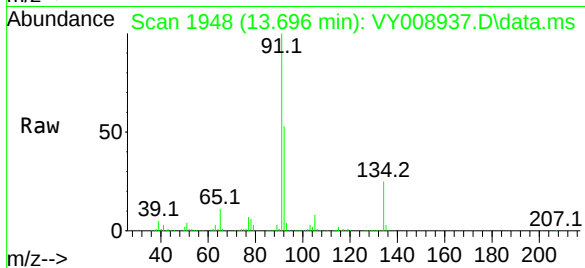
Tgt Ion: 91 Resp: 502266

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 51.249 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY008937.D

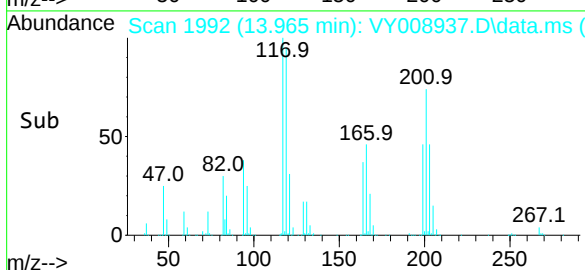
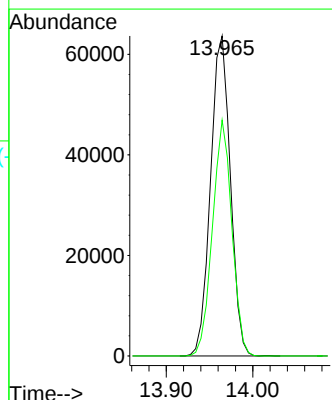
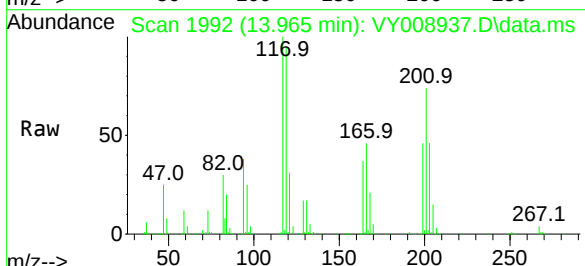
Acq: 21 May 2022 09:57

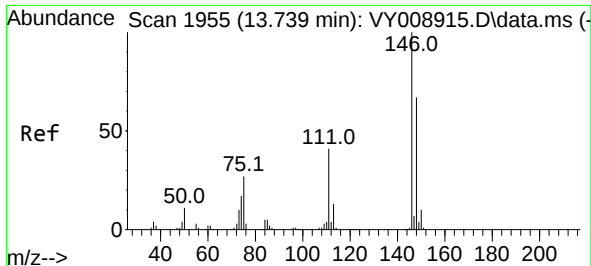
Tgt Ion: 117 Resp: 101198

Ion Ratio Lower Upper

117 100

201 72.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 51.923 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

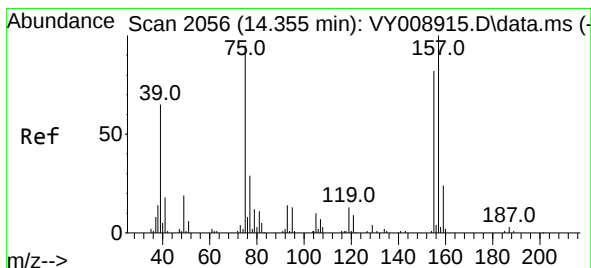
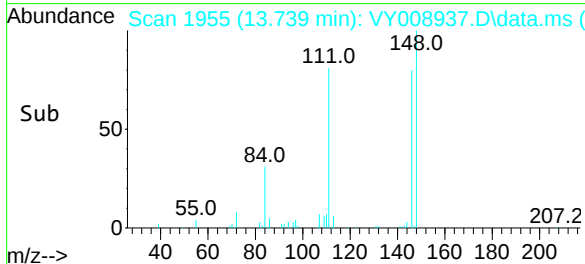
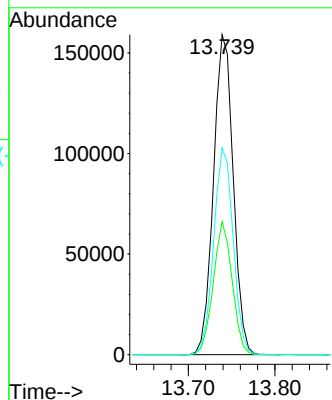
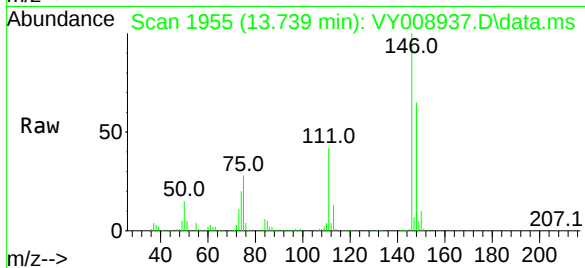
Tgt Ion:146 Resp: 251710

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 63.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.057 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

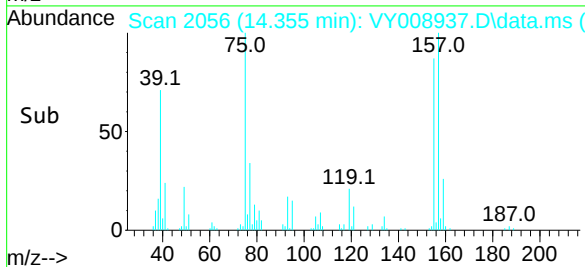
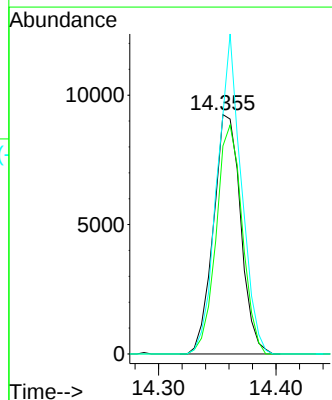
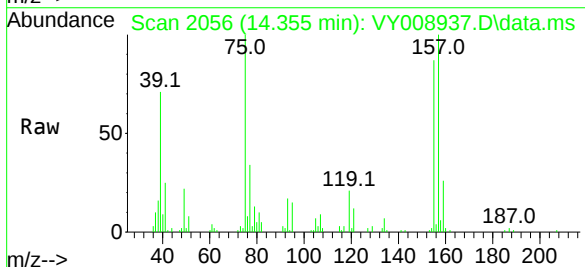
Tgt Ion: 75 Resp: 14938

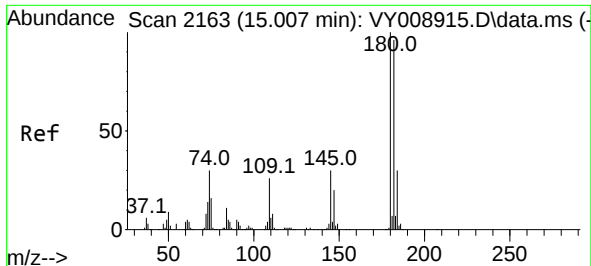
Ion Ratio Lower Upper

75 100

155 91.0 38.0 113.9

157 117.9 47.8 143.3

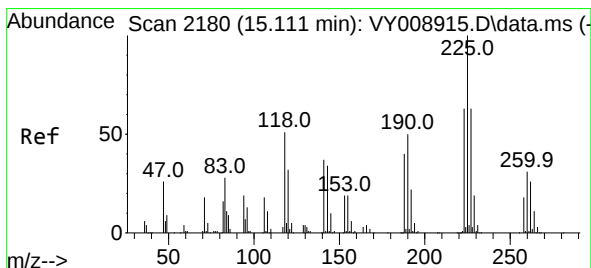
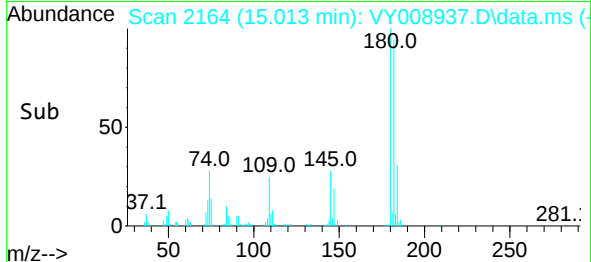
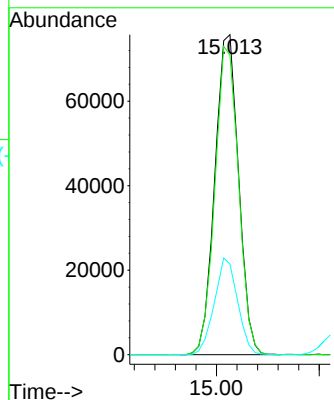
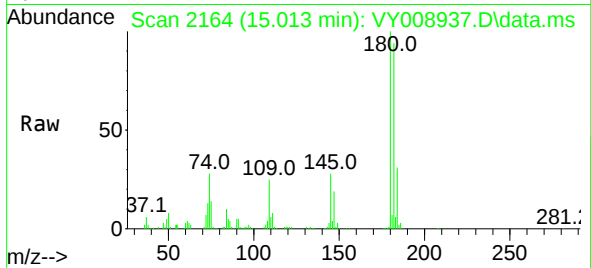




#93
1,2,4-Trichlorobenzene
Concen: 45.660 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

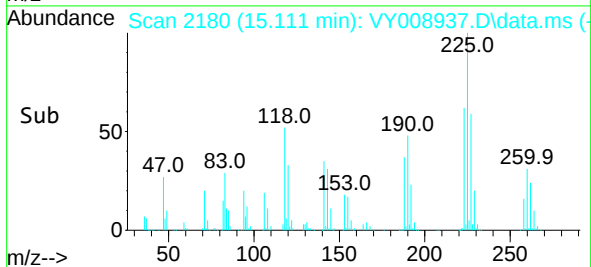
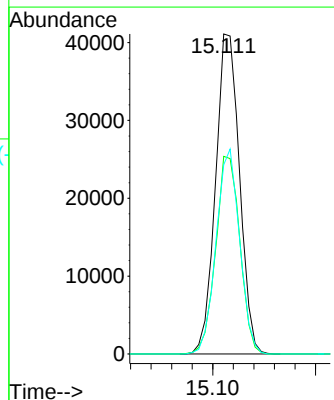
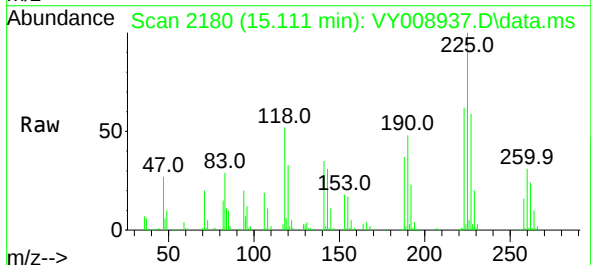
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

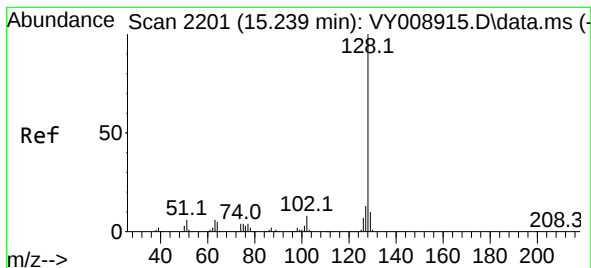
Tgt Ion:180 Resp: 121480
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 29.6 14.6 43.8



#94
Hexachlorobutadiene
Concen: 45.834 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008937.D
Acq: 21 May 2022 09:57

Tgt Ion:225 Resp: 66463
Ion Ratio Lower Upper
225 100
223 62.3 30.8 92.3
227 62.7 31.6 94.7





#95

Naphthalene

Concen: 45.525 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

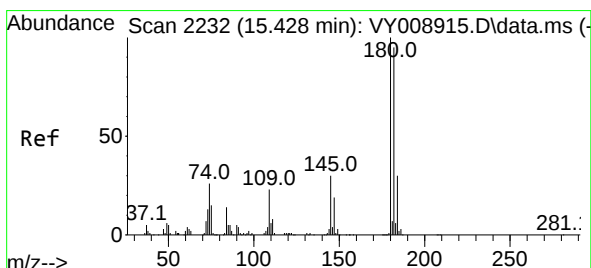
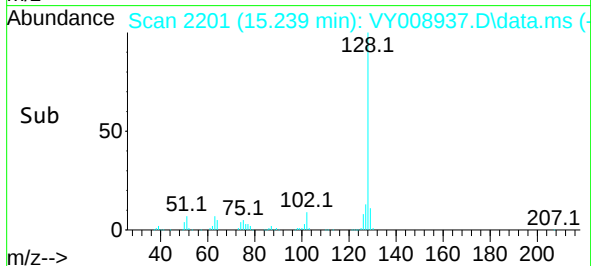
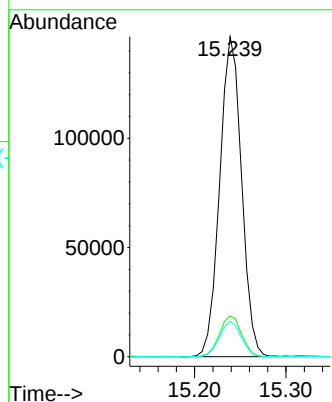
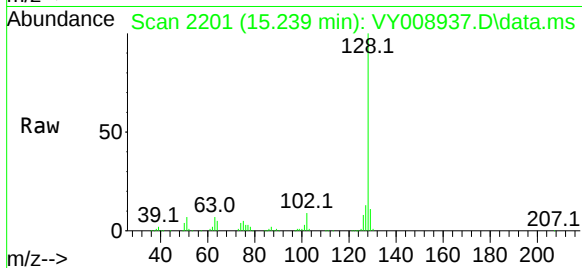
Tgt Ion:128 Resp: 243317

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.779 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY008937.D

Acq: 21 May 2022 09:57

Tgt Ion:180 Resp: 105840

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 30.7 15.3 45.9

