

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008885.D
 Acq On : 19 May 2022 22:43
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 02:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81969	59.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.600%	
35) Dibromofluoromethane	7.716	113	76847	51.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.179	98	320652	48.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	12.483	95	120908	51.009	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	45819	49.361	ug/l	98
3) Chloromethane	2.113	50	69828	52.338	ug/l	96
4) Vinyl Chloride	2.253	62	98878	48.741	ug/l	99
5) Bromomethane	2.643	94	90854	52.317	ug/l	98
6) Chloroethane	2.790	64	75043	48.475	ug/l	100
7) Trichlorofluoromethane	3.125	101	95931	47.799	ug/l	95
8) Diethyl Ether	3.527	74	34634	52.465	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	62840	51.316	ug/l	93
10) Methyl Iodide	4.088	142	70044	45.378	ug/l	92
11) Tert butyl alcohol	4.954	59	36682	240.131	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	56241	44.487	ug/l	88
13) Acrolein	3.729	56	8230	108.907	ug/l	97
14) Allyl chloride	4.472	41	86068	46.284	ug/l #	85
15) Acrylonitrile	5.161	53	105213	235.037	ug/l	99
16) Acetone	3.948	43	73738	237.833	ug/l	96
17) Carbon Disulfide	4.192	76	153587	47.106	ug/l	97
18) Methyl Acetate	4.478	43	46796	47.428	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	198076	58.175	ug/l	96
20) Methylene Chloride	4.716	84	80326	57.351	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	73019	47.106	ug/l	85
22) Diisopropyl ether	6.118	45	237611	60.336	ug/l #	94
23) Vinyl Acetate	6.057	43	807148	290.688	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	136050	52.064	ug/l	98
25) 2-Butanone	6.984	43	141105	243.267	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	116705	46.990	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	88005	51.187	ug/l	89
28) Bromochloromethane	7.332	49	52787	53.283	ug/l #	85
29) Tetrahydrofuran	7.344	42	95416	246.937	ug/l #	86
30) Chloroform	7.508	83	150872	53.851	ug/l	98
31) Cyclohexane	7.783	56	114028	52.375	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	131765	50.726	ug/l	98
36) 1,1-Dichloropropene	7.917	75	106680	44.641	ug/l	97
37) Ethyl Acetate	7.069	43	64288	45.143	ug/l	96
38) Carbon Tetrachloride	7.899	117	115733	45.189	ug/l	99
39) Methylcyclohexane	9.185	83	133559	47.127	ug/l	88
40) Benzene	8.161	78	333504	49.875	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	89883	120.016	ug/l #	18
42) 1,2-Dichloroethane	8.234	62	101858	51.893	ug/l	93
43) Isopropyl Acetate	8.270	43	124929	52.697	ug/l #	92
44) Trichloroethene	8.941	130	85199	46.840	ug/l	96
45) 1,2-Dichloropropane	9.215	63	85720	53.940	ug/l	99
46) Dibromomethane	9.307	93	53681	51.406	ug/l	95
47) Bromodichloromethane	9.496	83	124472	53.768	ug/l	98
48) Methyl methacrylate	9.295	41	53721	51.607	ug/l #	81
49) 1,4-Dioxane	9.295	88	14334	913.867	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	359357	256.769	ug/l	90
52) Toluene	10.246	92	239830	52.782	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	134432	55.907	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	138323	53.346	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	78977	55.617	ug/l	97
56) Ethyl methacrylate	10.508	69	103760	60.226	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	127299	54.520	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	238423	271.387	ug/l	95
59) 2-Hexanone	10.831	43	254365	254.371	ug/l	87
60) Dibromochloromethane	10.983	129	95996	56.313	ug/l	100
61) 1,2-Dibromoethane	11.087	107	76218	53.822	ug/l	100
64) Tetrachloroethene	10.721	164	76890	46.697	ug/l	96
65) Chlorobenzene	11.514	112	259818	49.908	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	101435	53.333	ug/l	98
67) Ethyl Benzene	11.593	91	471554	50.722	ug/l	99
68) m/p-Xylenes	11.703	106	390821	105.521	ug/l	92
69) o-Xylene	12.032	106	187717	54.852	ug/l	91
70) Styrene	12.044	104	333747	57.610	ug/l	93
71) Bromoform	12.209	173	70351	54.489	ug/l #	98
73) Isopropylbenzene	12.331	105	503894	46.474	ug/l	100
74) N-amyl acetate	12.142	43	131501	50.811	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	111776	46.371	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	138046	75.592	ug/l #	100
77) Bromobenzene	12.611	156	118137	47.022	ug/l	95
78) n-propylbenzene	12.672	91	627901	47.139	ug/l	100
79) 2-Chlorotoluene	12.757	91	347297	48.138	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	436657	49.879	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	36358	43.547	ug/l	85
82) 4-Chlorotoluene	12.855	91	379772	49.827	ug/l	97
83) tert-Butylbenzene	13.074	119	389296	49.447	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	445448	51.399	ug/l	97
85) sec-Butylbenzene	13.257	105	614630	50.038	ug/l	99
86) p-Isopropyltoluene	13.373	119	516255	51.545	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	263692	49.952	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	263512	50.467	ug/l	99
89) n-Butylbenzene	13.696	91	463427	48.747	ug/l	100
90) Hexachloroethane	13.958	117	95202	50.275	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	237935	51.542	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17109	41.512	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	122094	48.433	ug/l	100
94) Hexachlorobutadiene	15.111	225	64549	44.498	ug/l	97
95) Naphthalene	15.239	128	269408	47.806	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	107952	48.747	ug/l	99

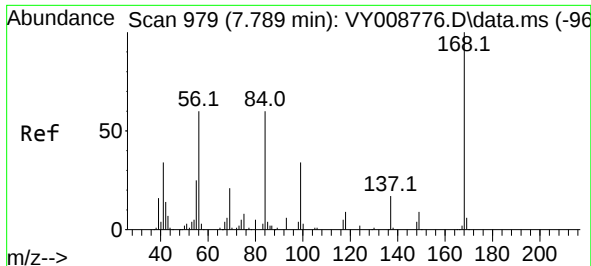
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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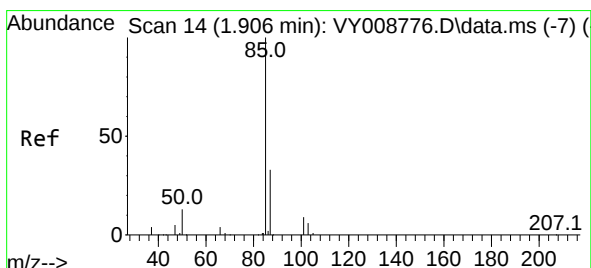
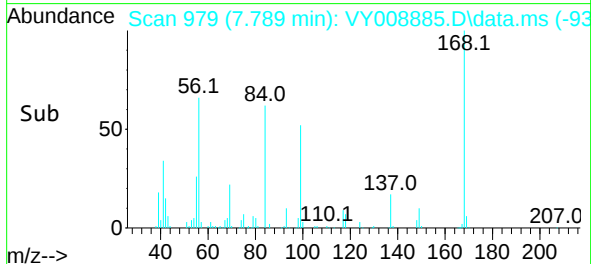
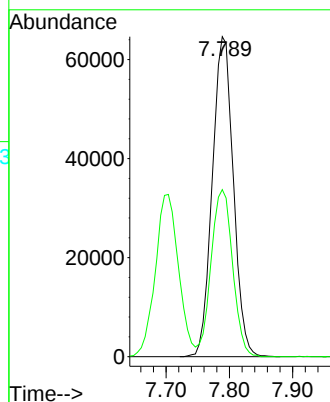
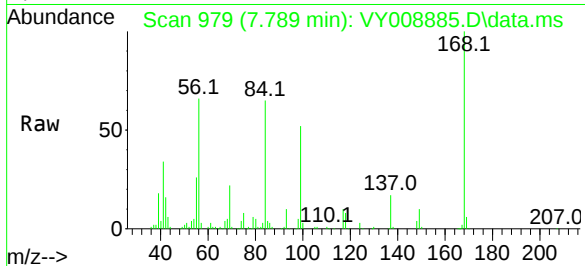
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008885.D
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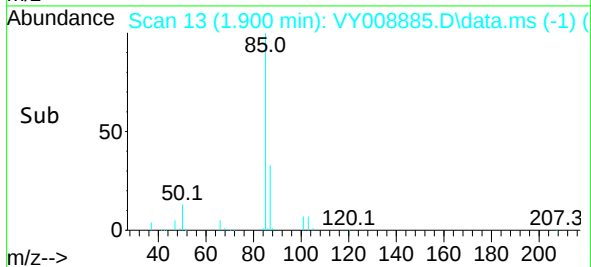
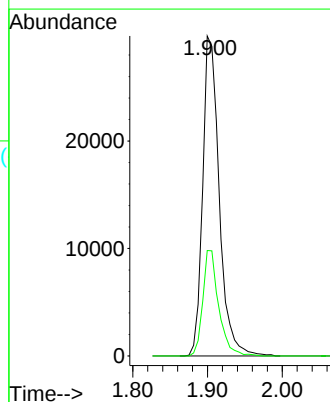
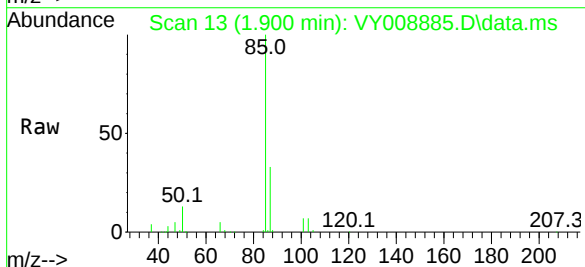
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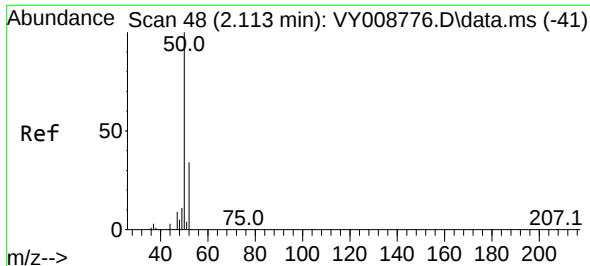
Tgt Ion:168 Resp: 148988
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.361 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 85 Resp: 45819
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

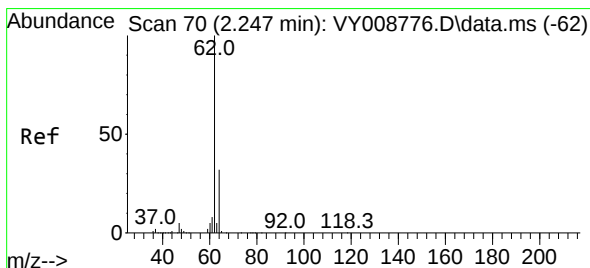
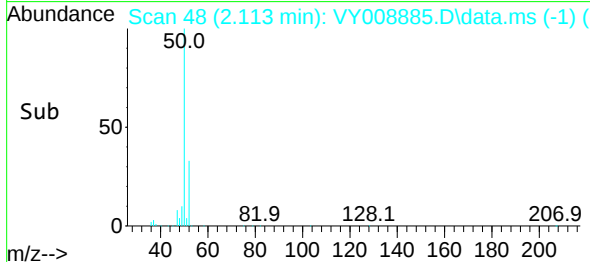
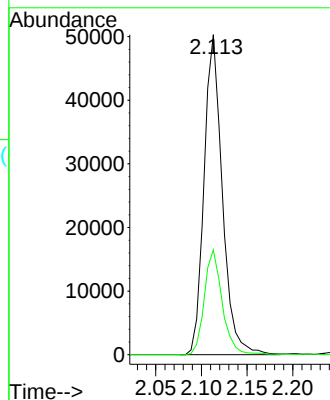
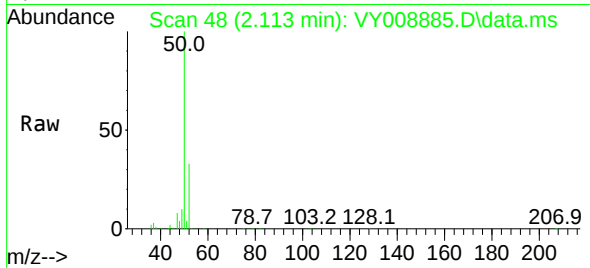




#3
Chloromethane
Concen: 52.338 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

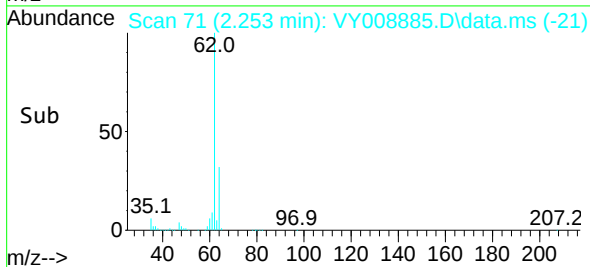
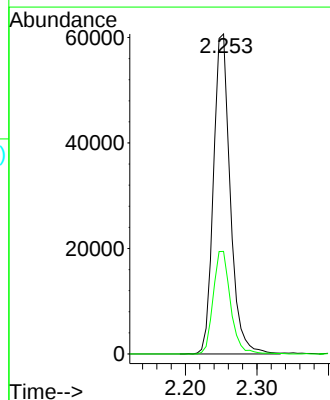
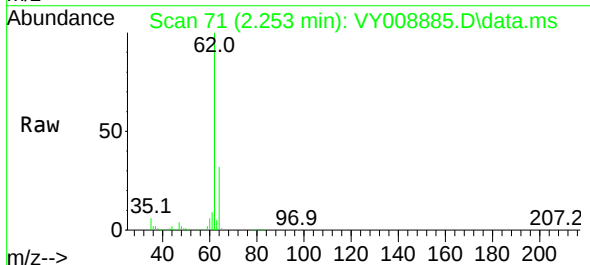
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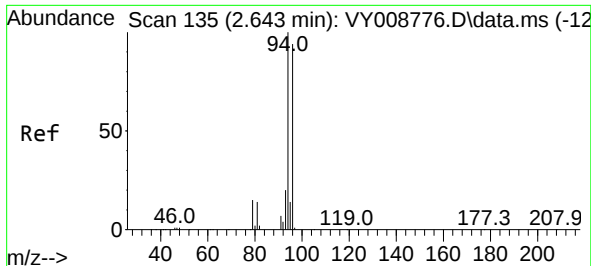
Tgt Ion: 50 Resp: 69828
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 48.741 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 62 Resp: 98878
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

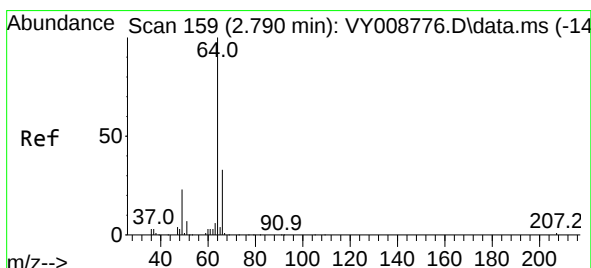
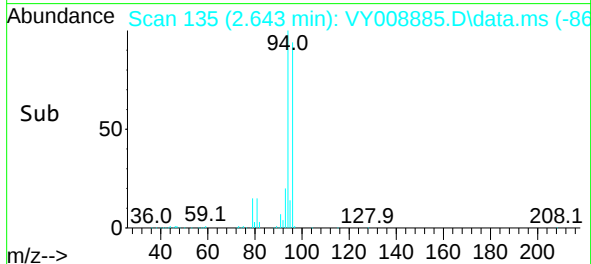
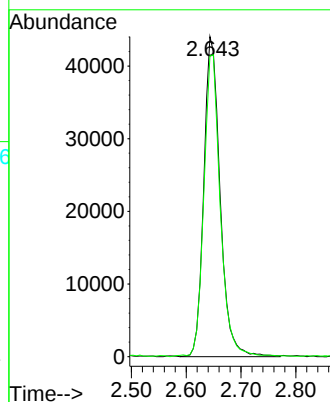
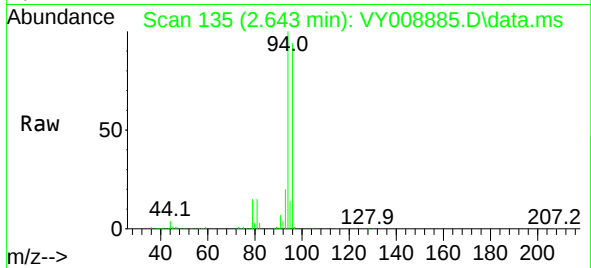




#5
Bromomethane
Concen: 52.317 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

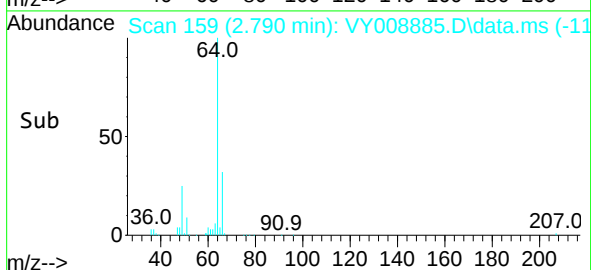
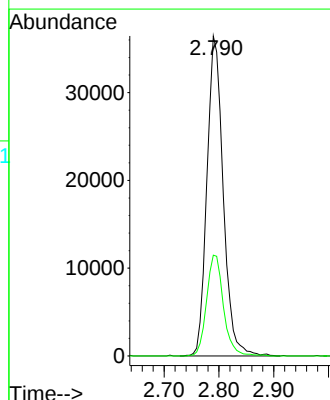
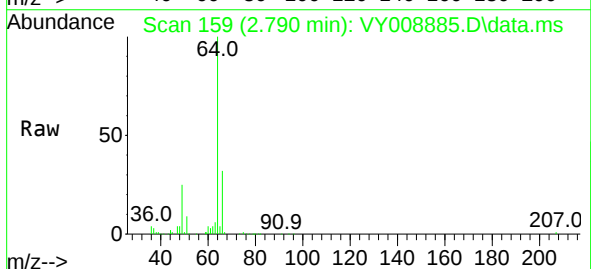
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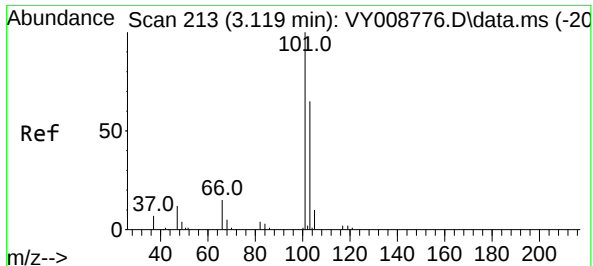
Tgt Ion: 94 Resp: 90854
Ion Ratio Lower Upper
94 100
96 93.7 73.5 110.3



#6
Chloroethane
Concen: 48.475 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 64 Resp: 75043
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0

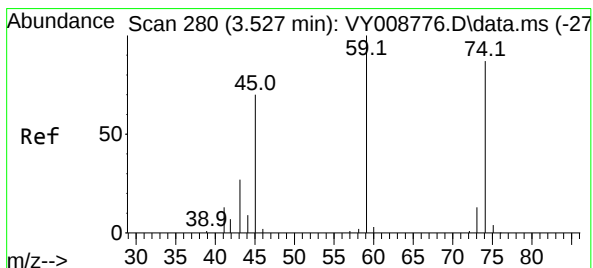
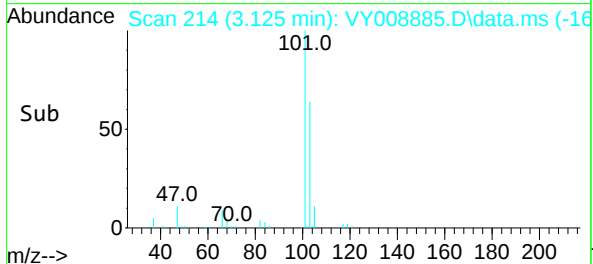
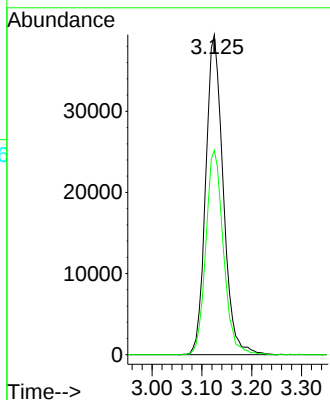
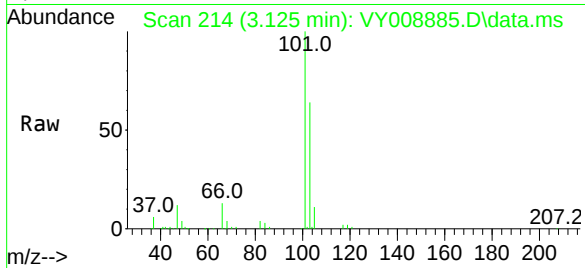




#7
Trichlorofluoromethane
Concen: 47.799 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

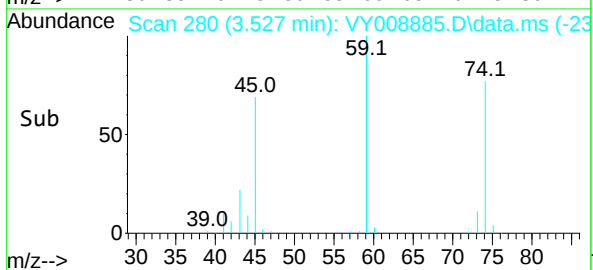
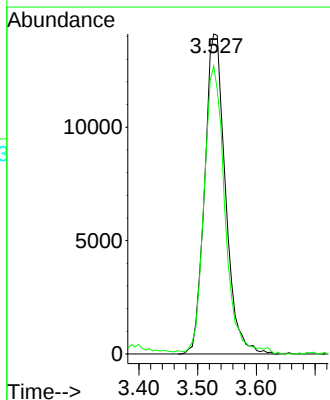
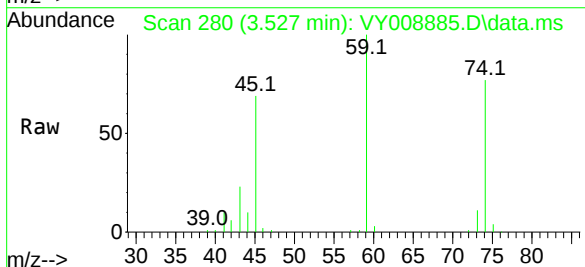
Instrument :
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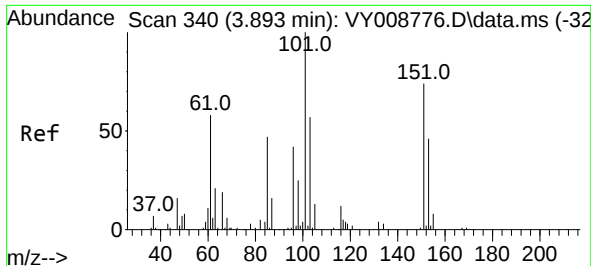
Tgt Ion:101 Resp: 95931
Ion Ratio Lower Upper
101 100
103 63.9 48.0 72.0



#8
Diethyl Ether
Concen: 52.465 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 74 Resp: 34634
Ion Ratio Lower Upper
74 100
45 90.2 55.1 165.5

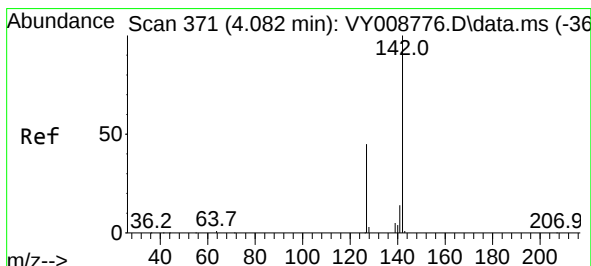
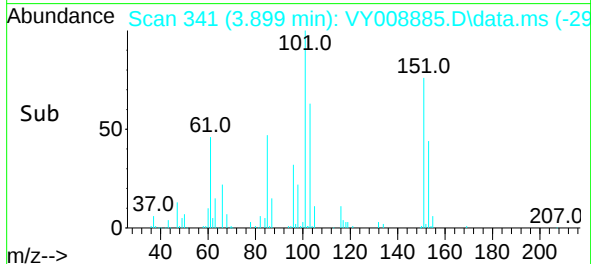
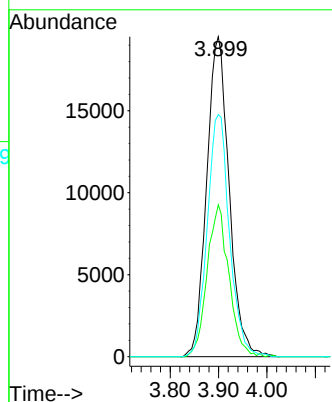
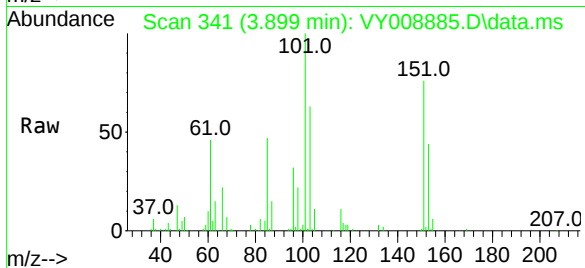




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.316 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008885.D
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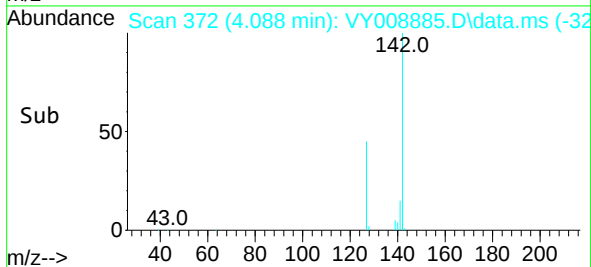
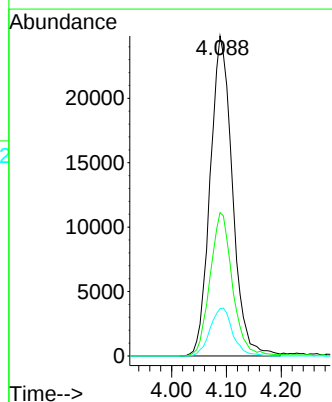
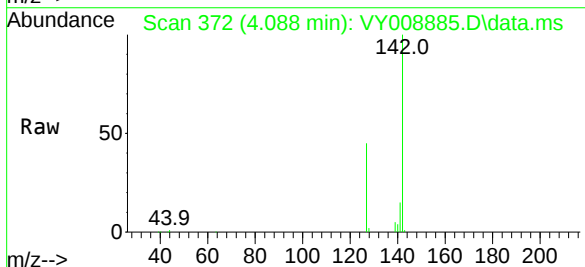
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

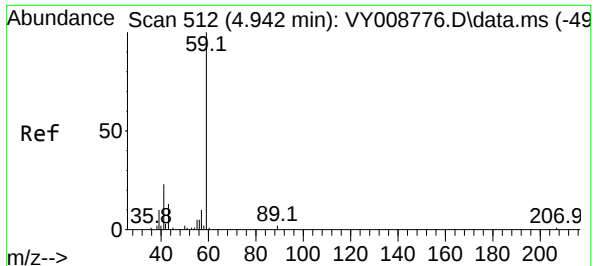
Tgt Ion:101 Resp: 62840
Ion Ratio Lower Upper
101 100
85 46.0 40.6 60.8
151 75.0 64.9 97.3



#10
Methyl Iodide
Concen: 45.378 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion:142 Resp: 70044
Ion Ratio Lower Upper
142 100
127 45.0 41.5 62.3
141 15.2 11.9 17.9

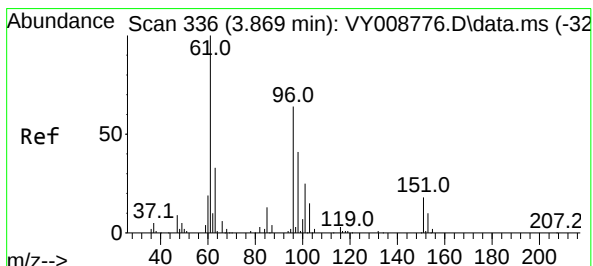
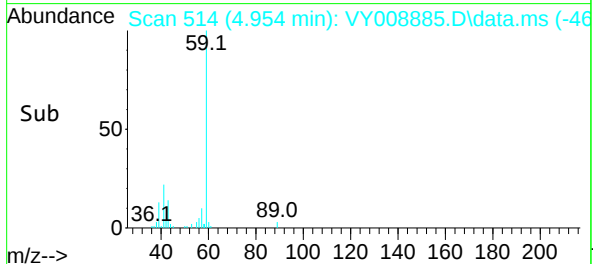
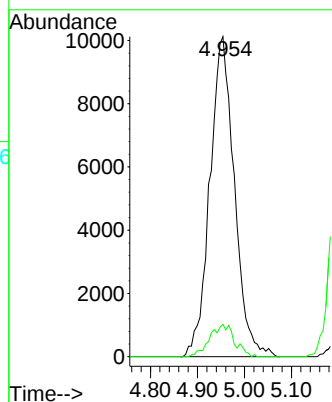
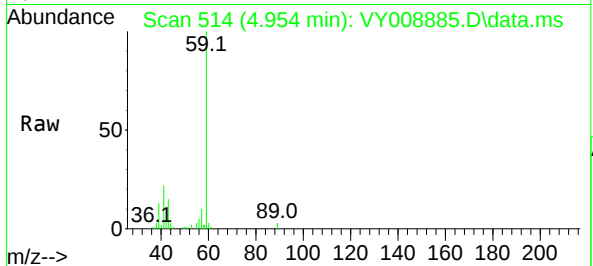




#11
Tert butyl alcohol
Concen: 240.131 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

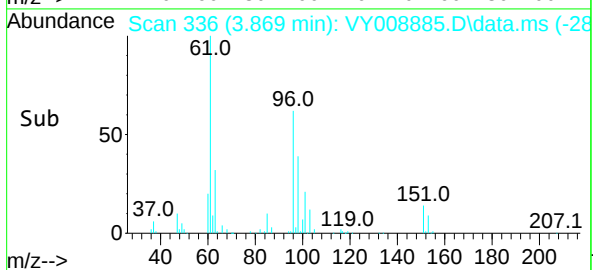
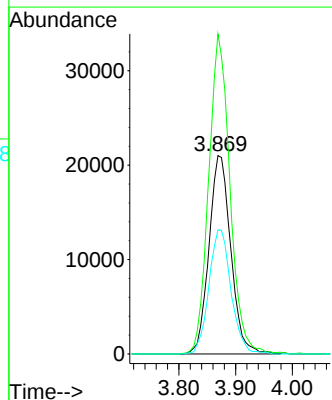
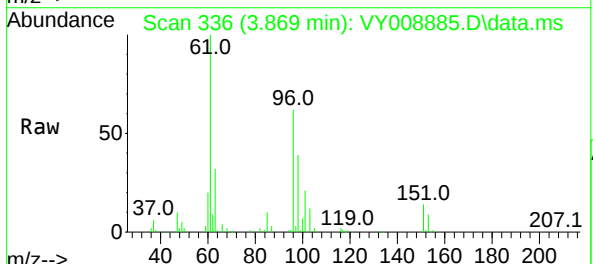
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

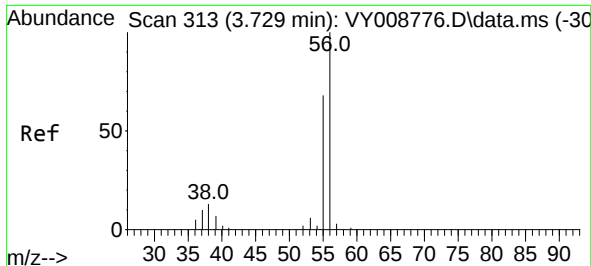
Tgt Ion: 59 Resp: 36682
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 44.487 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 96 Resp: 56241
Ion Ratio Lower Upper
96 100
61 161.3 145.8 218.6
98 62.6 52.5 78.7





#13

Acrolein

Concen: 108.907 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

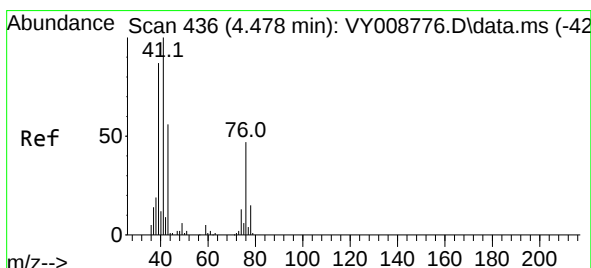
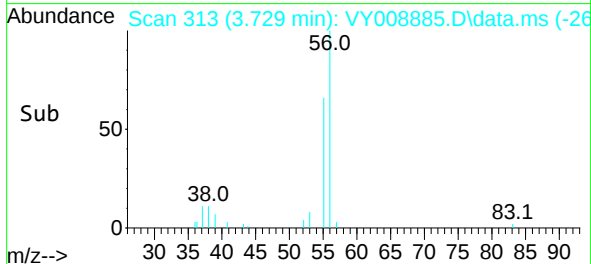
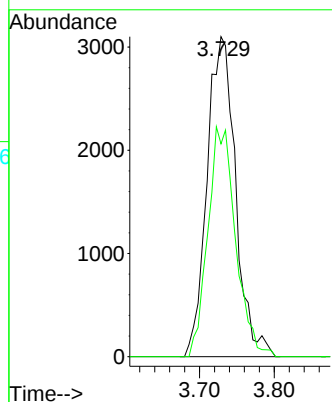
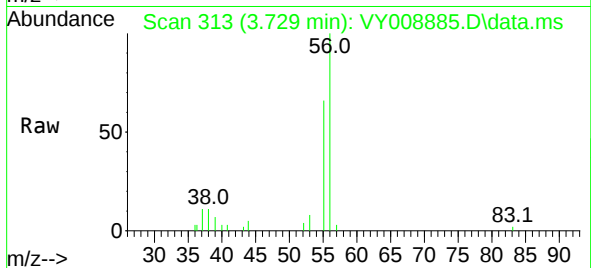
VSTDCCC050

Tgt Ion: 56 Resp: 8230

Ion Ratio Lower Upper

56 100

55 69.9 57.6 86.4



#14

Allyl chloride

Concen: 46.284 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

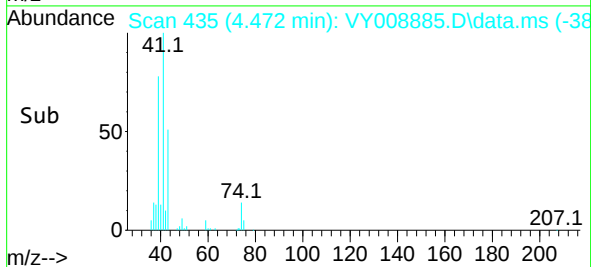
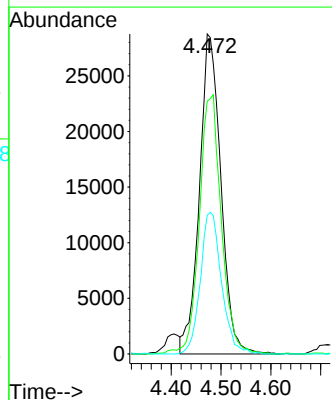
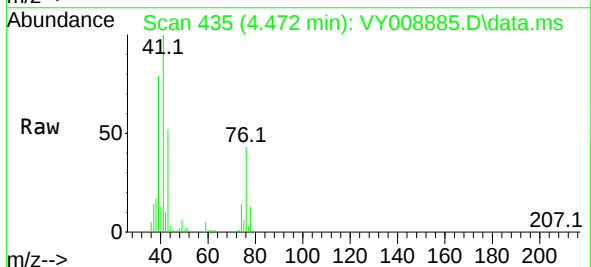
Tgt Ion: 41 Resp: 86068

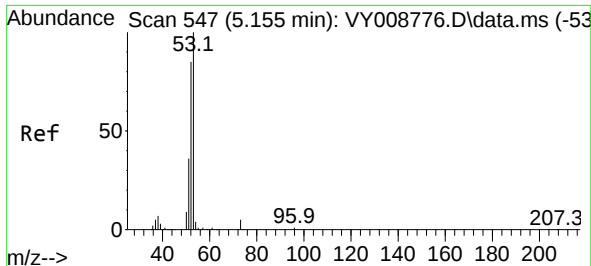
Ion Ratio Lower Upper

41 100

39 83.1 58.8 88.2

76 43.7 25.1 37.7#

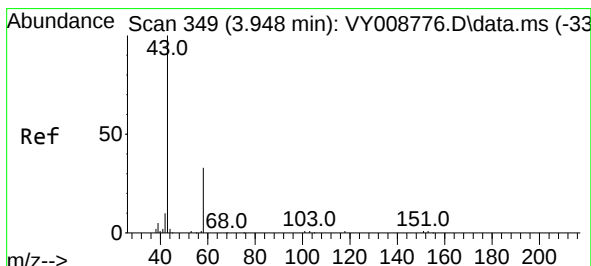
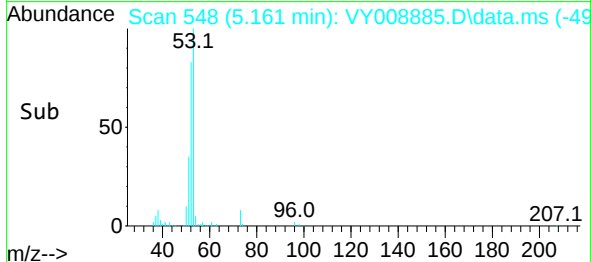
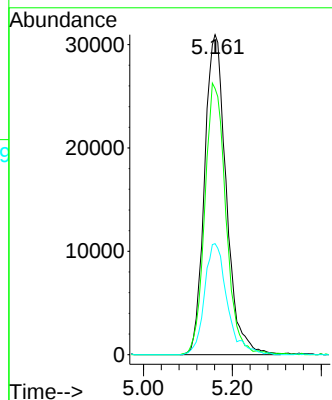
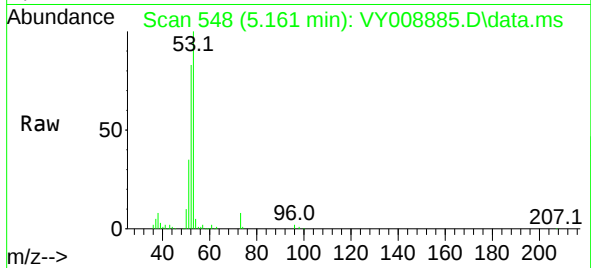




#15
Acrylonitrile
Concen: 235.037 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

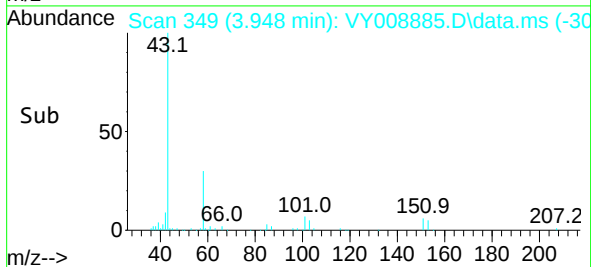
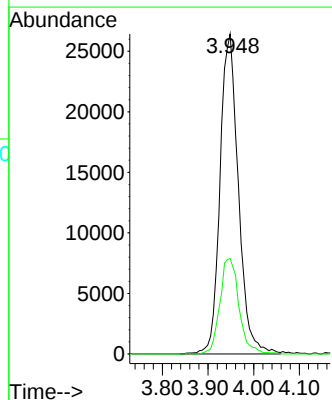
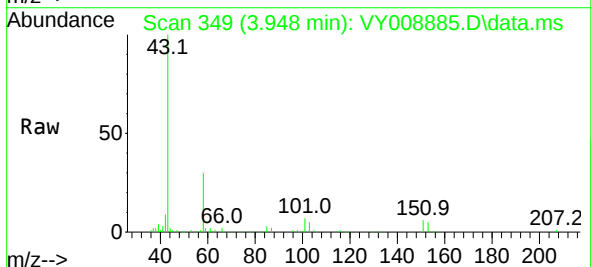
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

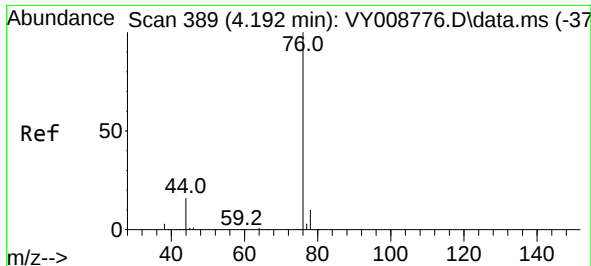
Tgt Ion: 53 Resp: 105213
Ion Ratio Lower Upper
53 100
52 82.4 67.0 100.4
51 36.3 29.8 44.6



#16
Acetone
Concen: 237.833 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 43 Resp: 73738
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0

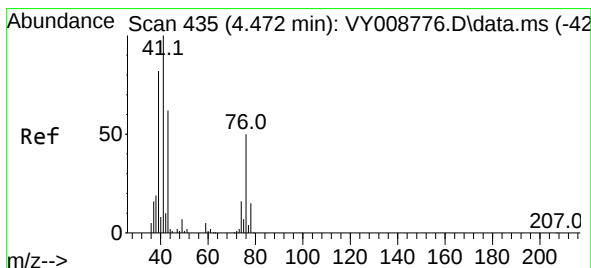
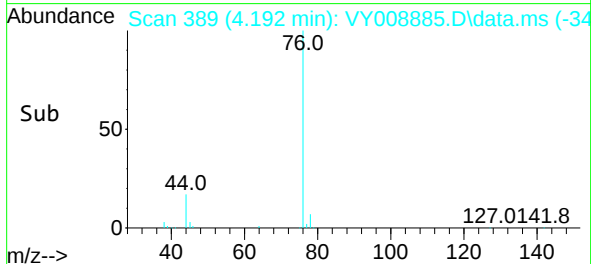
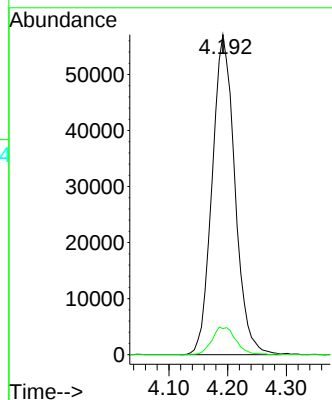
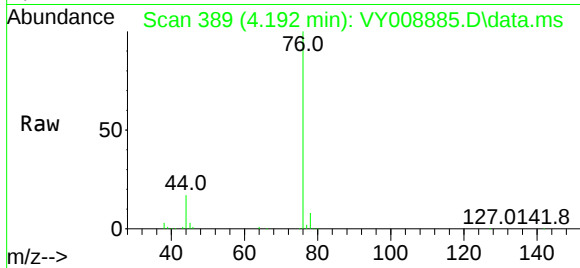




#17
Carbon Disulfide
Concen: 47.106 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

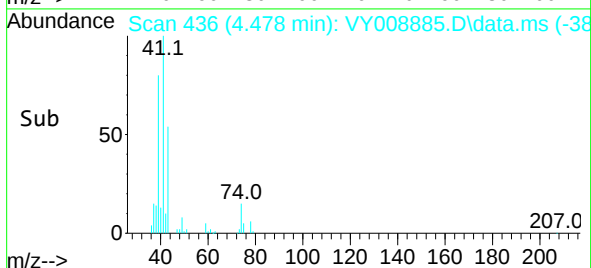
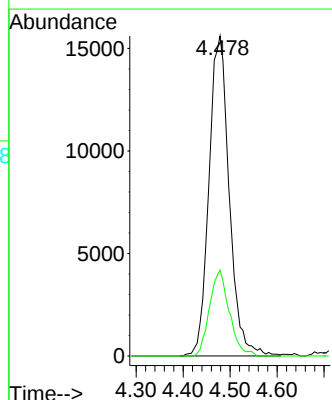
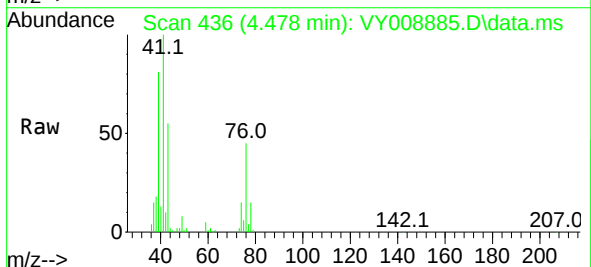
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

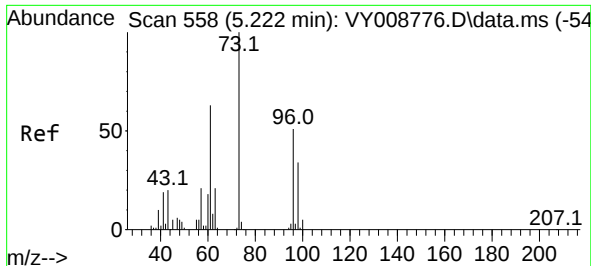
Tgt Ion: 76 Resp: 153587
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.428 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 43 Resp: 46796
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#

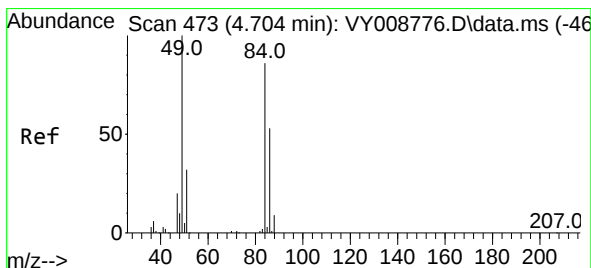
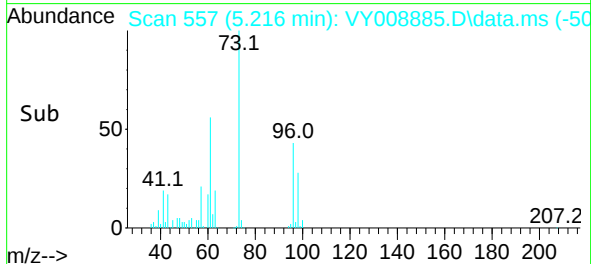
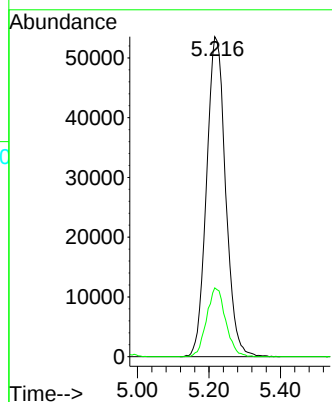
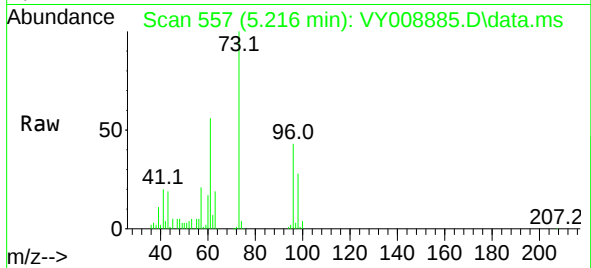




#19
Methyl tert-butyl Ether
Concen: 58.175 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

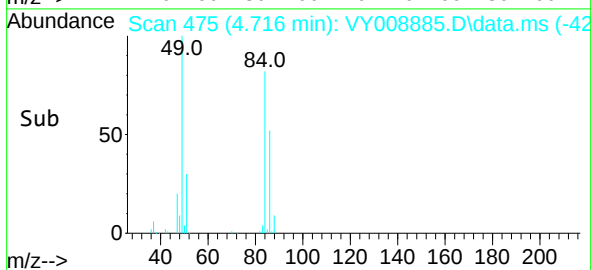
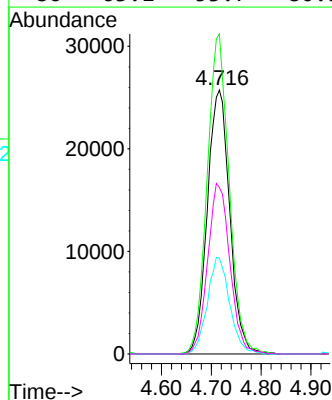
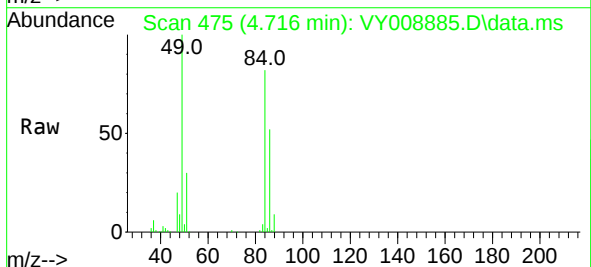
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

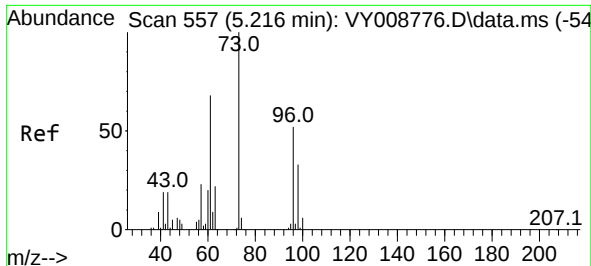
Tgt Ion: 73 Resp: 198076
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 57.351 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

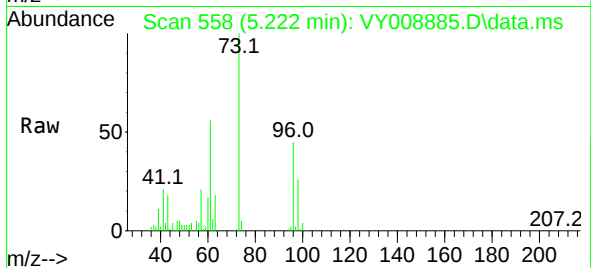
Tgt Ion: 84 Resp: 80326
Ion Ratio Lower Upper
84 100
49 121.3 114.4 171.6
51 36.3 35.3 52.9
86 63.1 53.7 80.5



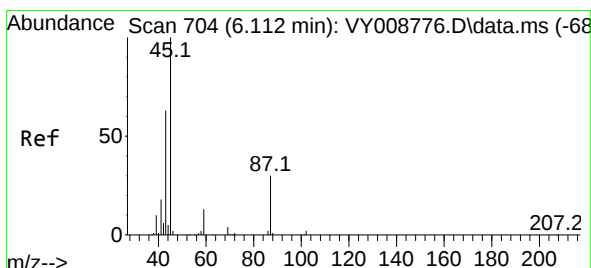
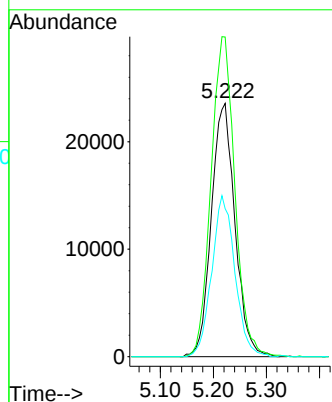
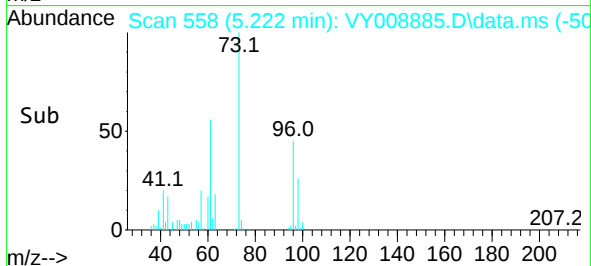


#21
trans-1,2-Dichloroethene
Concen: 47.106 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

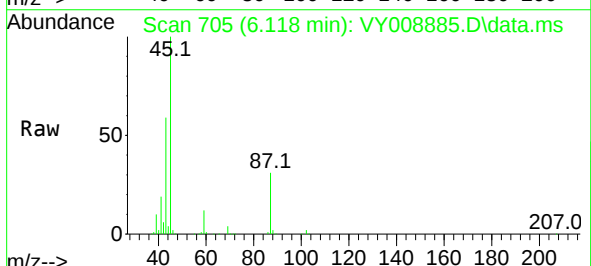
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



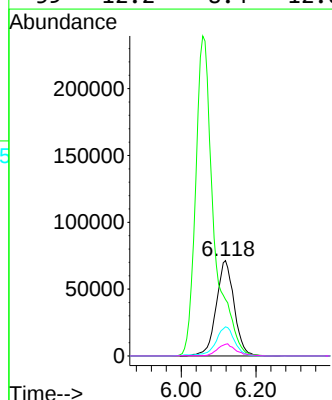
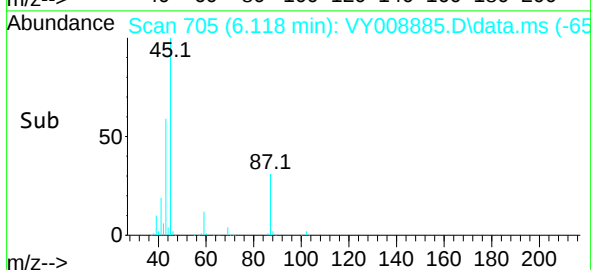
Tgt Ion: 96 Resp: 73019
Ion Ratio Lower Upper
96 100
61 126.2 120.5 180.7
98 58.4 49.8 74.8

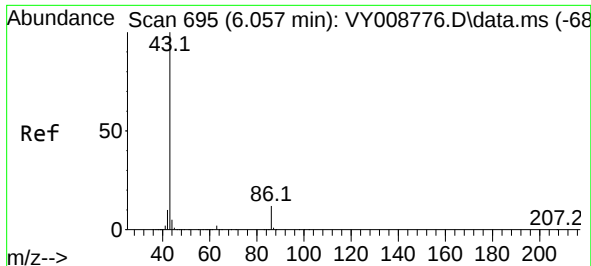


#22
Diisopropyl ether
Concen: 60.336 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43



Tgt Ion: 45 Resp: 237611
Ion Ratio Lower Upper
45 100
43 59.2 49.3 73.9
87 30.6 19.2 28.8#
59 12.2 8.4 12.6

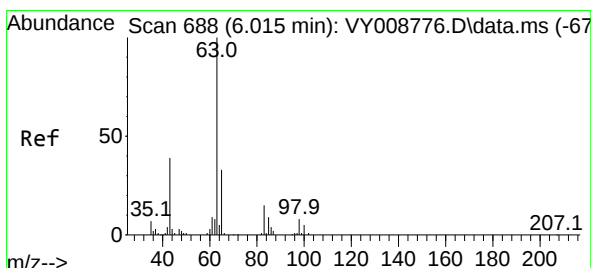
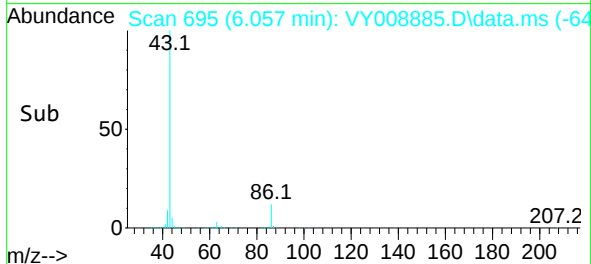
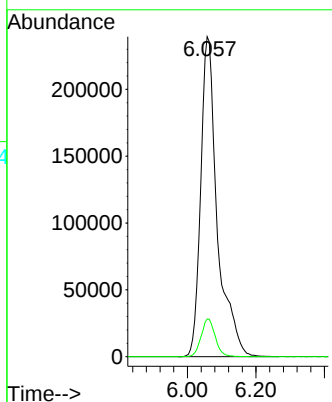
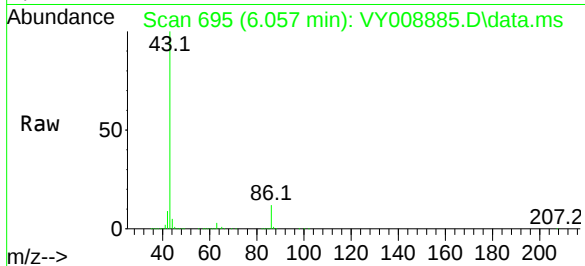




#23
 Vinyl Acetate
 Concen: 290.688 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

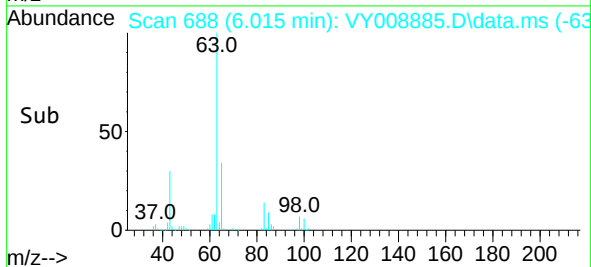
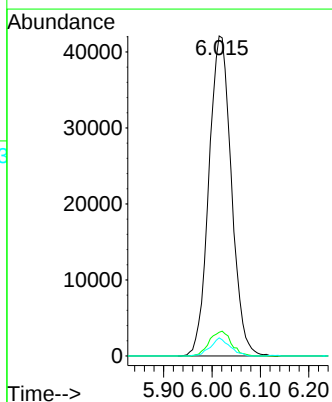
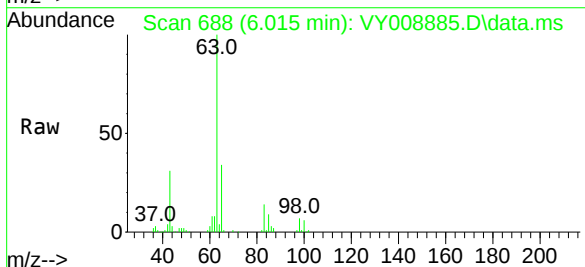
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

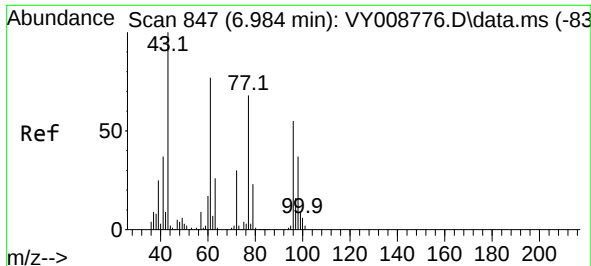
Tgt Ion: 43 Resp: 807148
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.064 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

Tgt Ion: 63 Resp: 136050
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 243.267 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

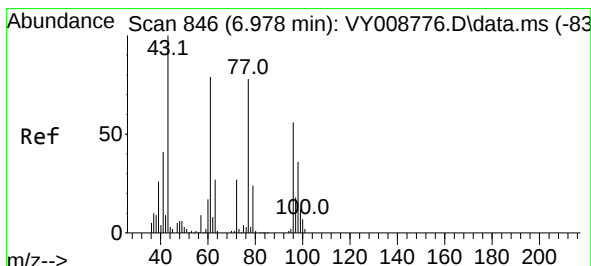
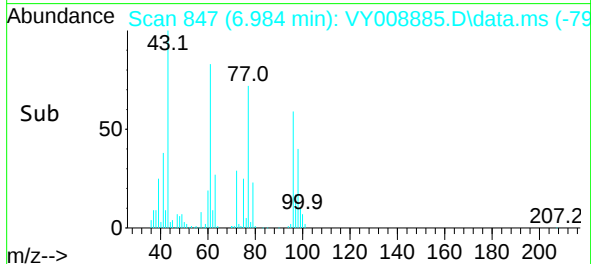
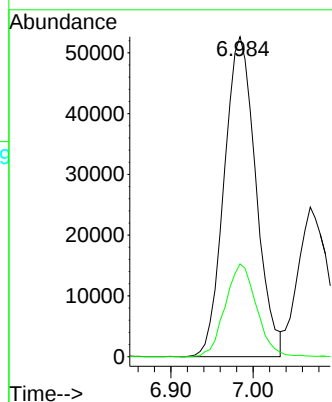
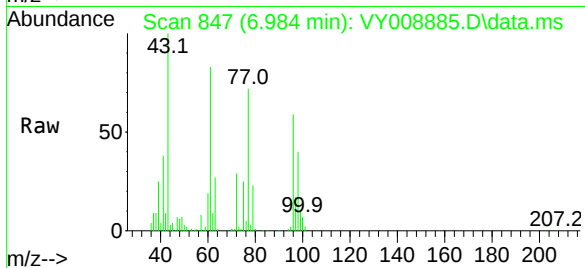
VSTDCCC050

Tgt Ion: 43 Resp: 141105

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.990 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008885.D

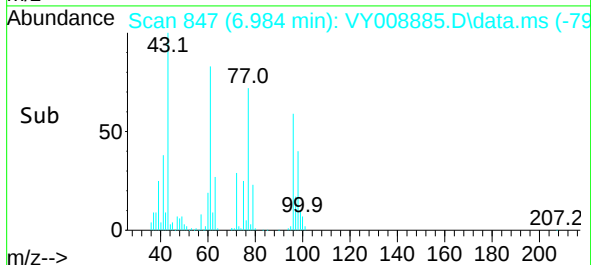
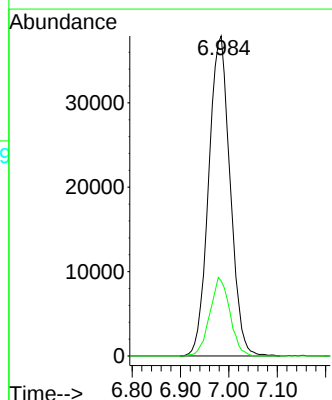
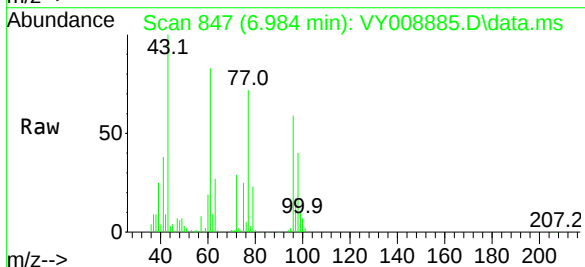
Acq: 19 May 2022 22:43

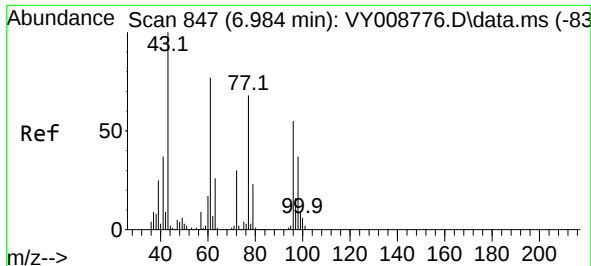
Tgt Ion: 77 Resp: 116705

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4



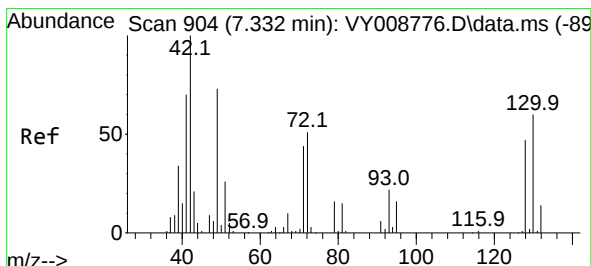
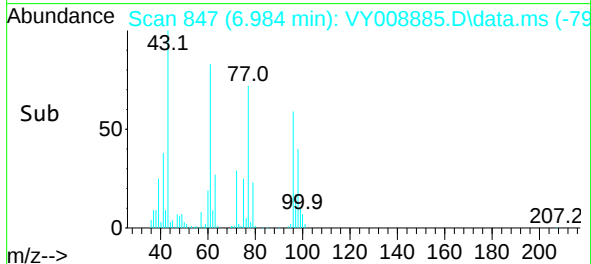
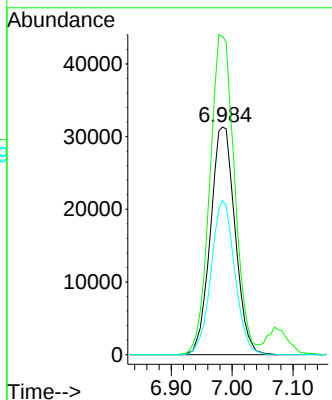
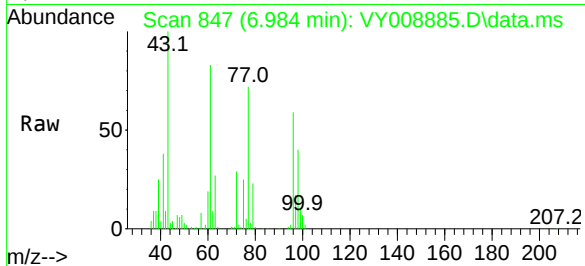


#27
 cis-1,2-Dichloroethene
 Concen: 51.187 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 88005

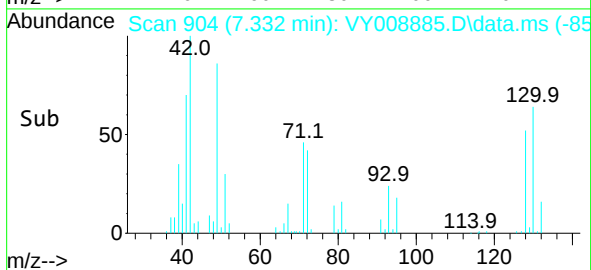
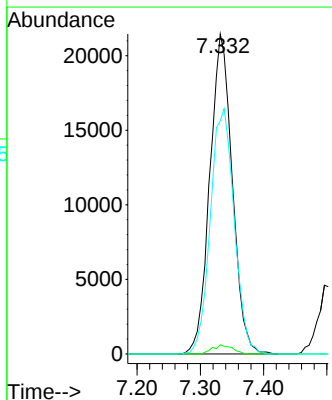
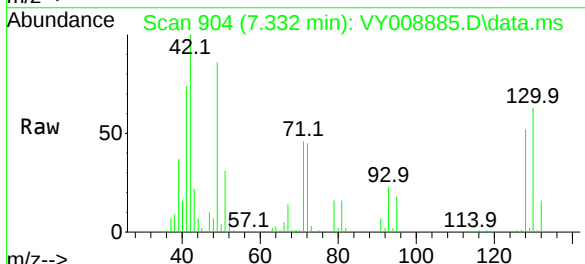
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	319.8
98	65.5	0.0	127.0

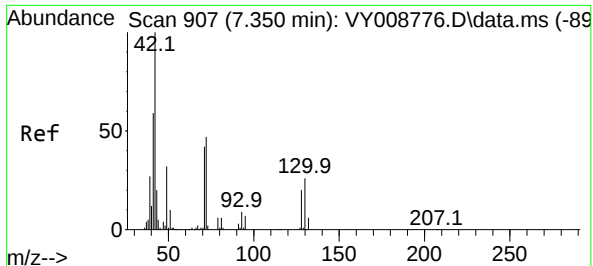


#28
 Bromochloromethane
 Concen: 53.283 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

Tgt Ion: 49 Resp: 52787

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.2#
130	81.4	55.4	83.0





#29

Tetrahydrofuran

Concen: 246.937 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

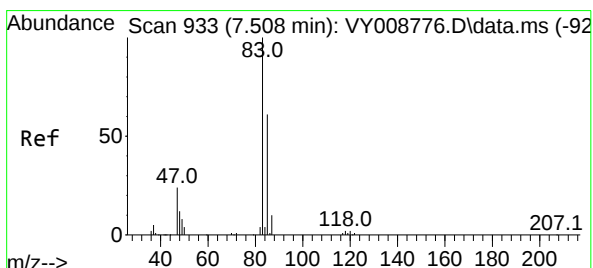
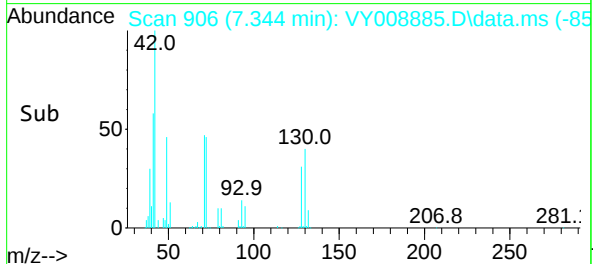
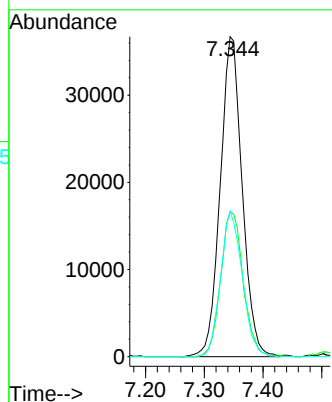
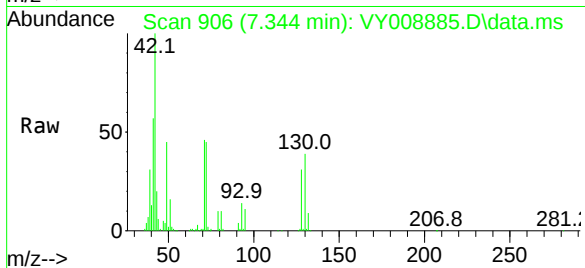
Tgt Ion: 42 Resp: 95416

Ion Ratio Lower Upper

42 100

72 46.1 30.3 45.5#

71 45.0 29.0 43.4#



#30

Chloroform

Concen: 53.851 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY008885.D

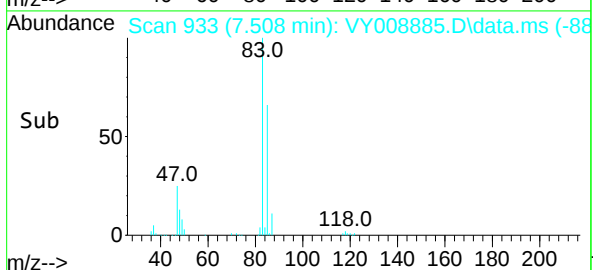
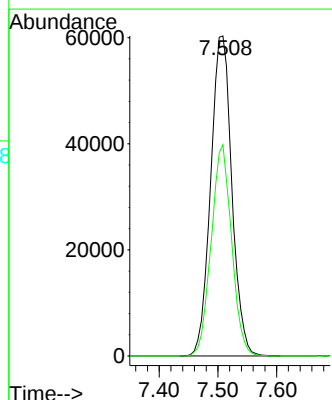
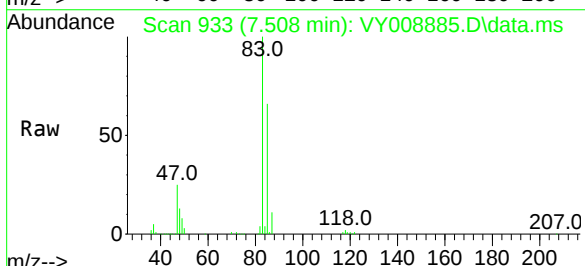
Acq: 19 May 2022 22:43

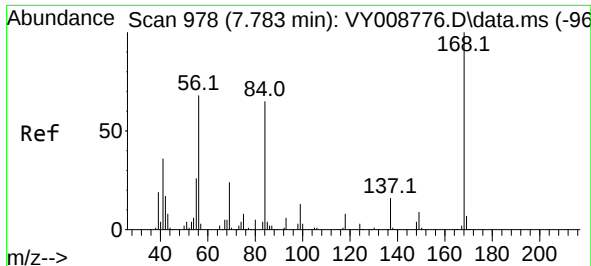
Tgt Ion: 83 Resp: 150872

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

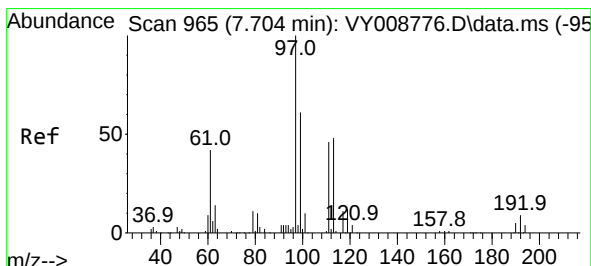
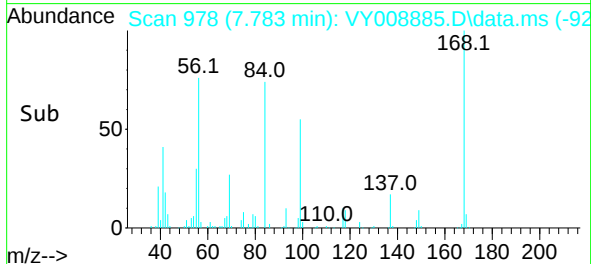
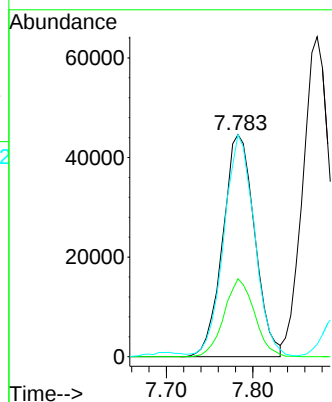
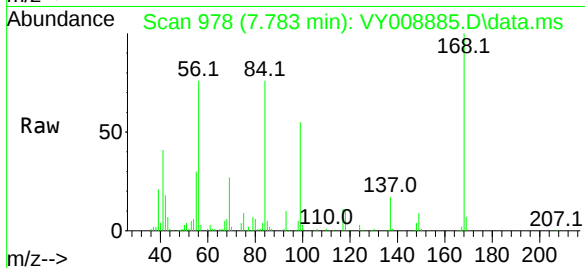




#31
Cyclohexane
Concen: 52.375 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

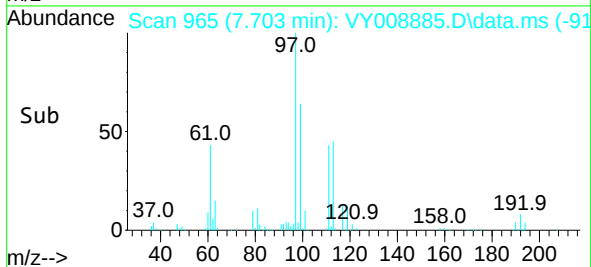
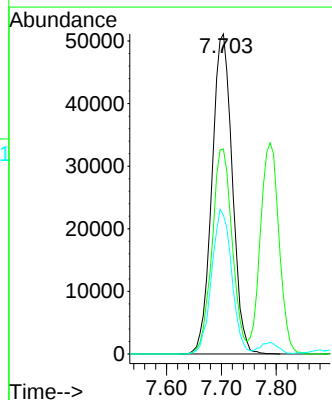
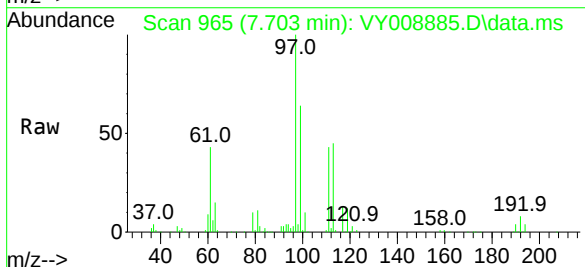
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

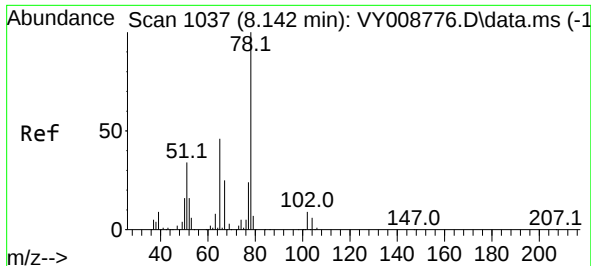
Tgt Ion: 56 Resp: 114028
Ion Ratio Lower Upper
56 100
69 35.1 26.7 40.1
84 98.5 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.726 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 97 Resp: 131765
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 44.7 37.6 56.4

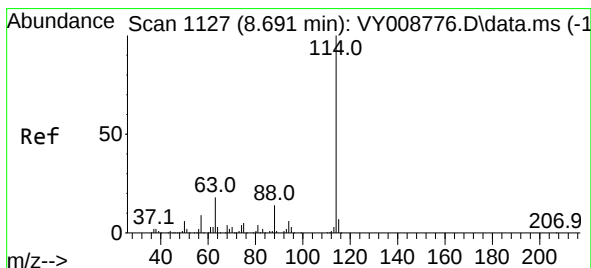
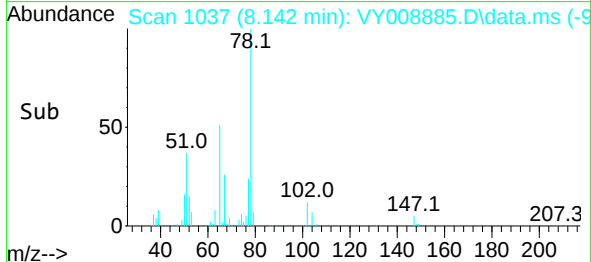
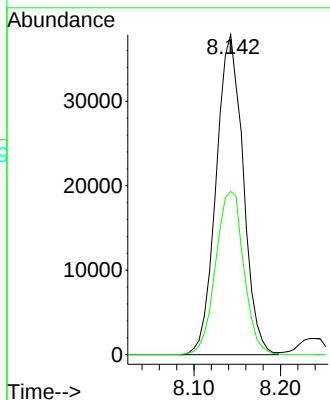
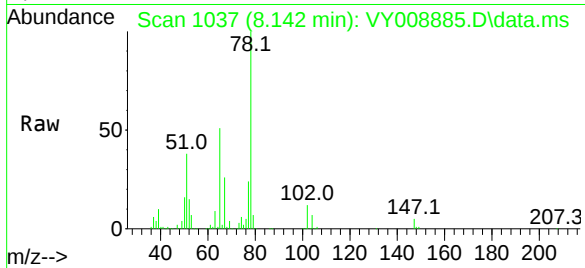




#33
 1,2-Dichloroethane-d4
 Concen: 59.305 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

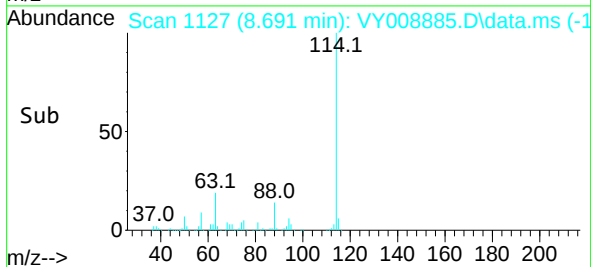
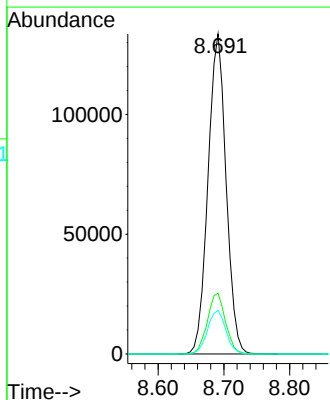
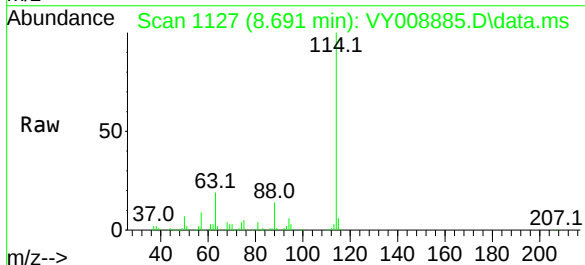
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

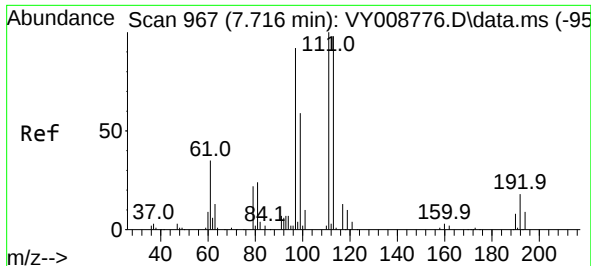
Tgt Ion: 65 Resp: 81969
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

Tgt Ion: 114 Resp: 255371
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.2
 88 13.6 0.0 31.8

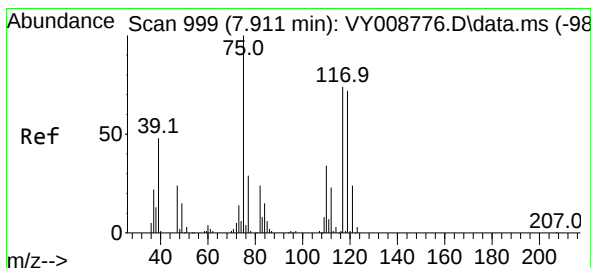
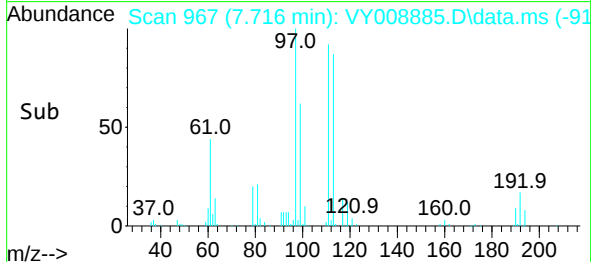
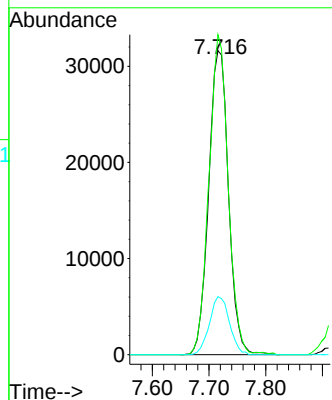
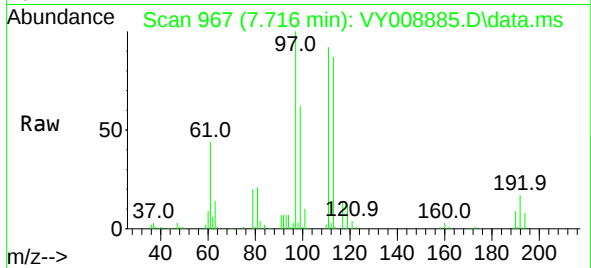




#35
Dibromofluoromethane
Concen: 51.503 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

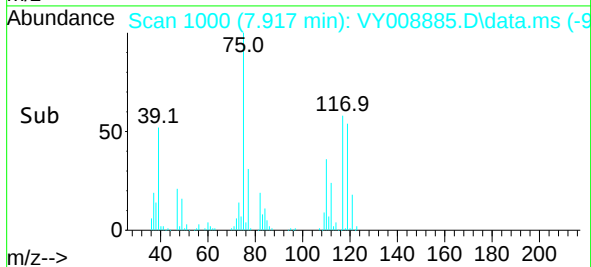
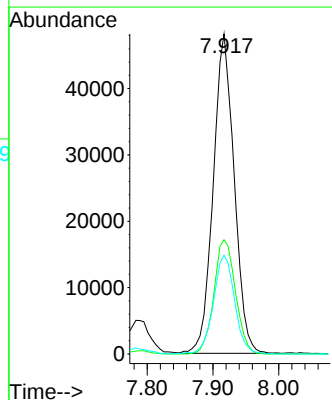
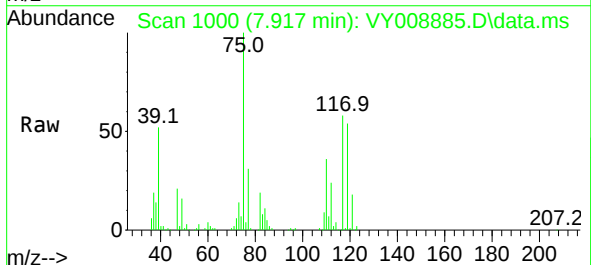
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

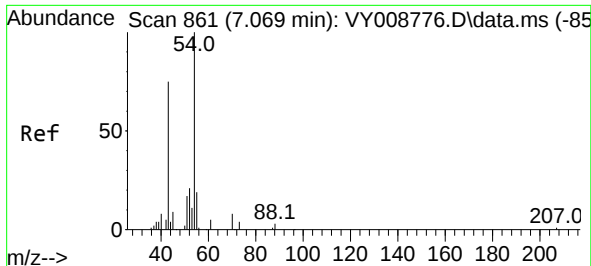
Tgt Ion:113 Resp: 76847
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 44.641 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 75 Resp: 106680
Ion Ratio Lower Upper
75 100
110 36.8 17.1 51.2
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 45.143 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

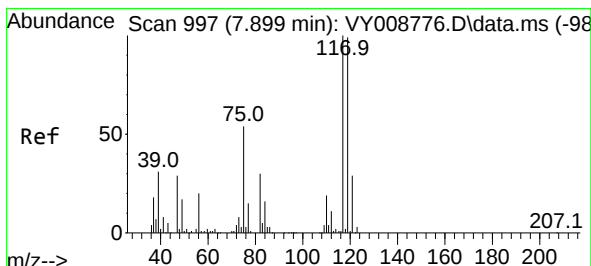
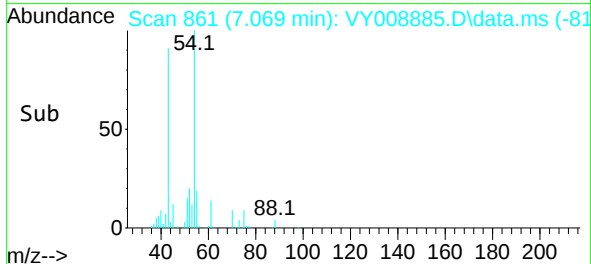
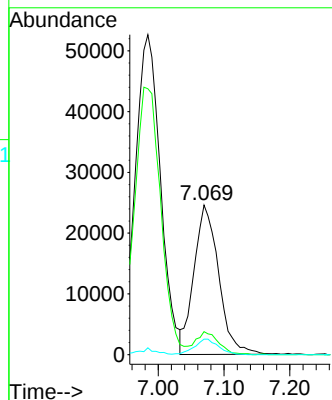
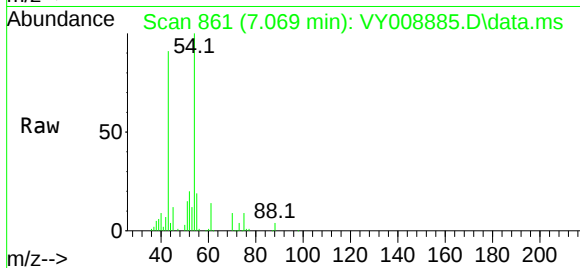
Tgt Ion: 43 Resp: 64288

Ion Ratio Lower Upper

43 100

61 14.1 9.7 14.5

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 45.189 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

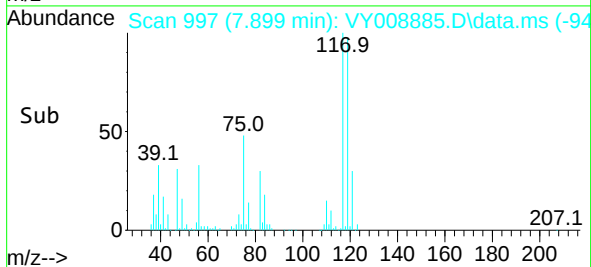
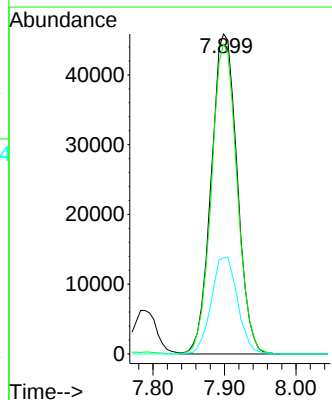
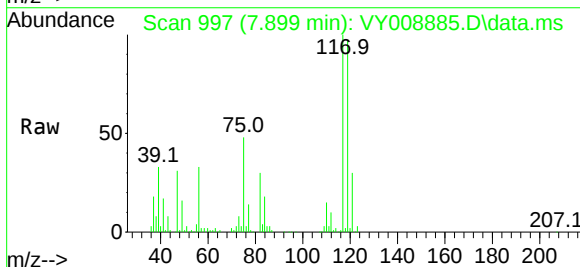
Tgt Ion: 117 Resp: 115733

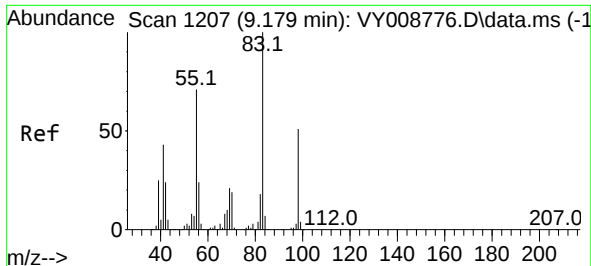
Ion Ratio Lower Upper

117 100

119 96.8 77.9 116.9

121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 47.127 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

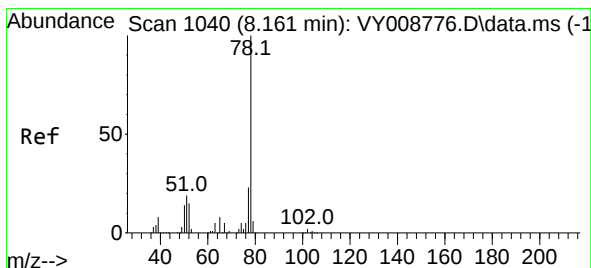
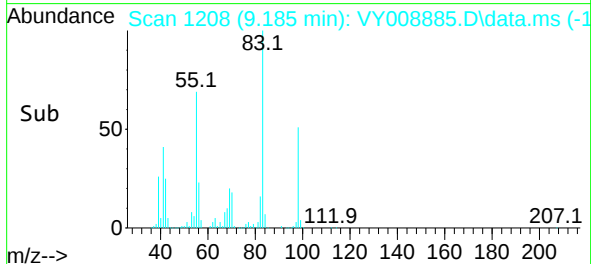
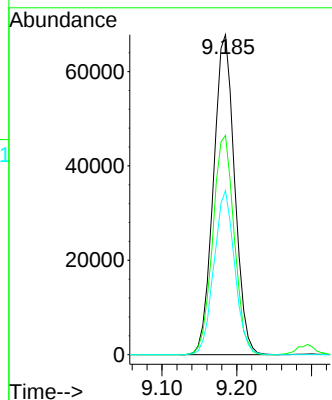
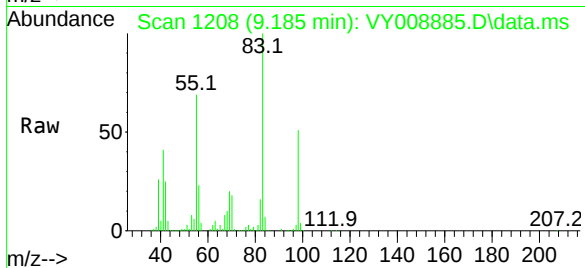
Tgt Ion: 83 Resp: 133559

Ion Ratio Lower Upper

83 100

55 68.6 66.5 99.7

98 51.3 37.9 56.9



#40

Benzene

Concen: 49.875 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008885.D

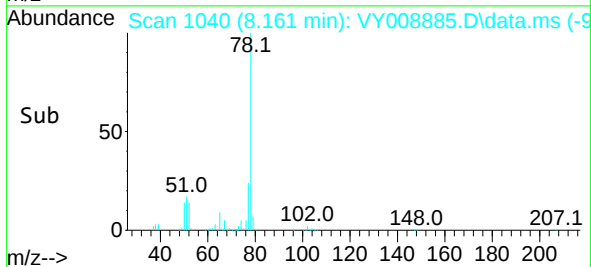
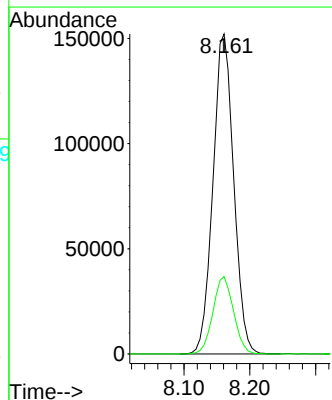
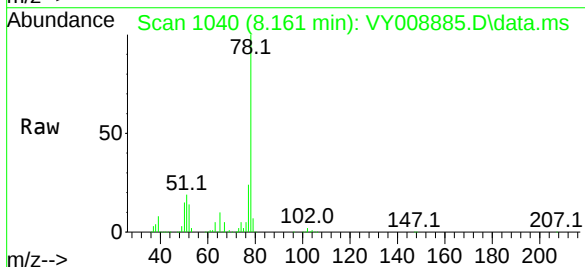
Acq: 19 May 2022 22:43

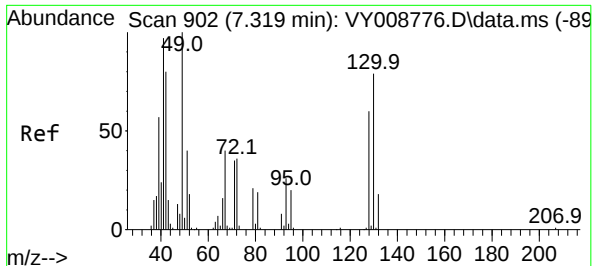
Tgt Ion: 78 Resp: 333504

Ion Ratio Lower Upper

78 100

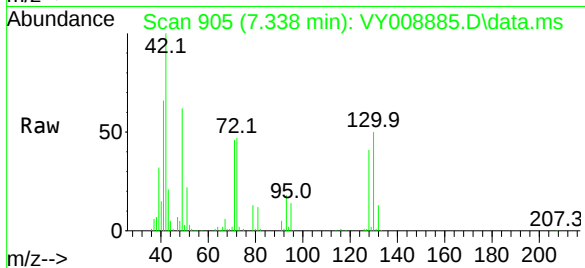
77 24.2 20.4 30.6



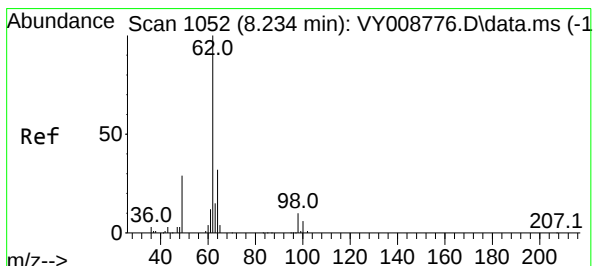
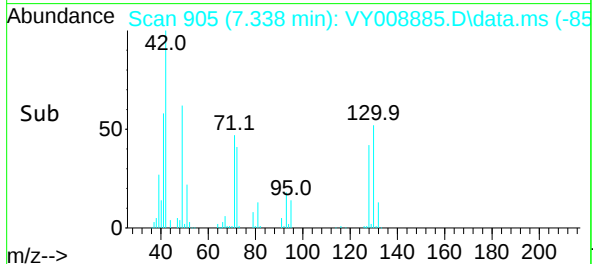
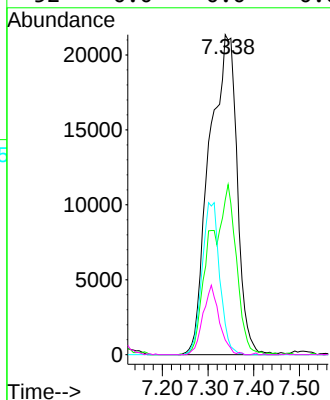


#41
Methacrylonitrile
Concen: 120.016 ug/l
RT: 7.338 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

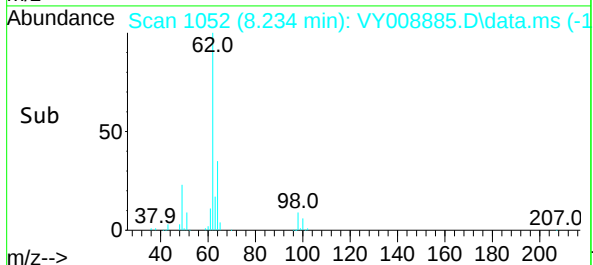
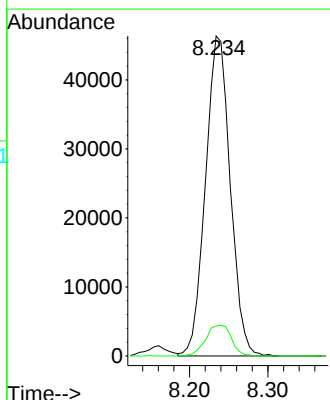
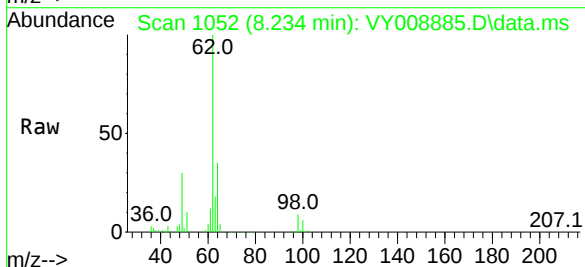


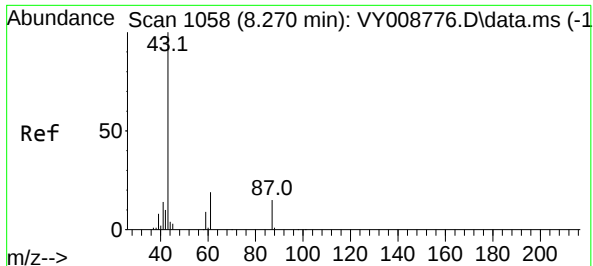
Tgt Ion: 41 Resp: 89883
Ion Ratio Lower Upper
41 100
39 26.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.893 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 62 Resp: 101858
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

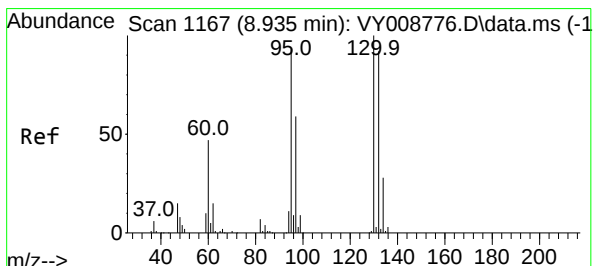
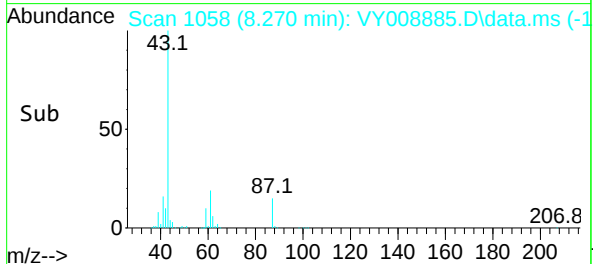
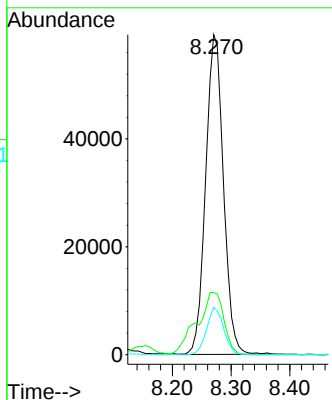
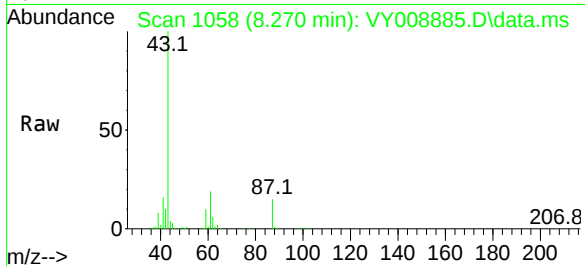




#43
Isopropyl Acetate
Concen: 52.697 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

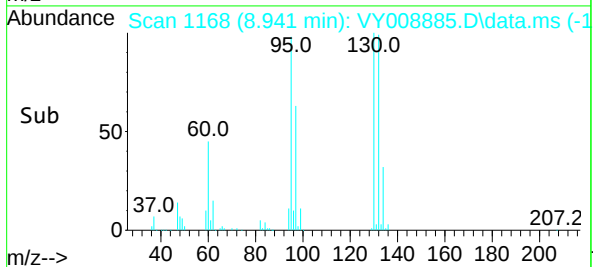
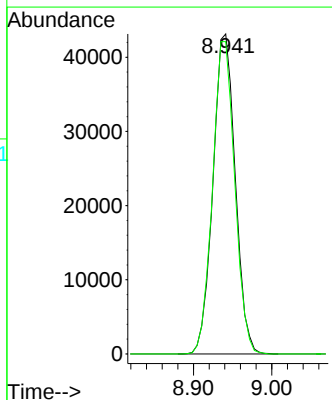
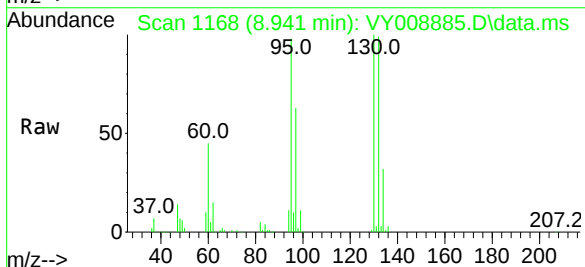
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

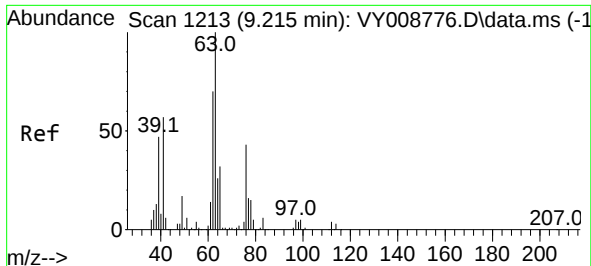
Tgt Ion: 43 Resp: 124929
Ion Ratio Lower Upper
43 100
61 29.5 20.2 30.2
87 14.2 8.9 13.3#



#44
Trichloroethene
Concen: 46.840 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion:130 Resp: 85199
Ion Ratio Lower Upper
130 100
95 97.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.940 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

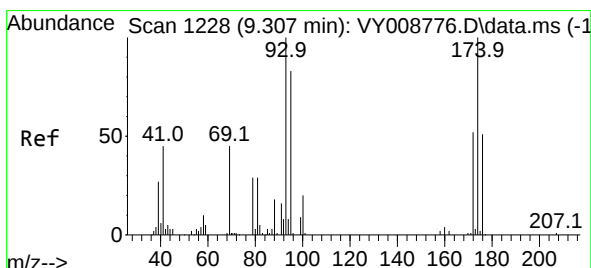
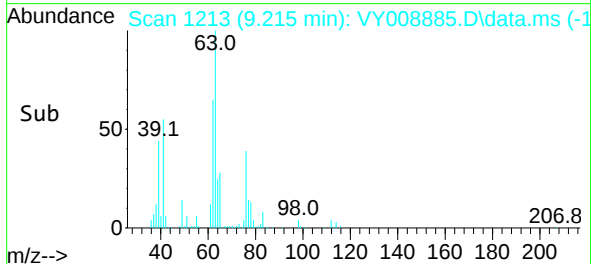
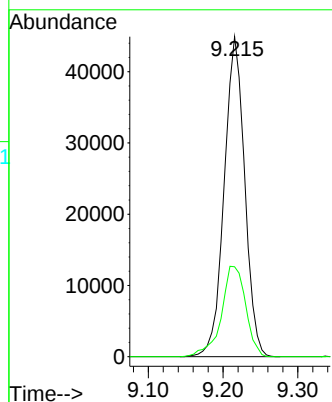
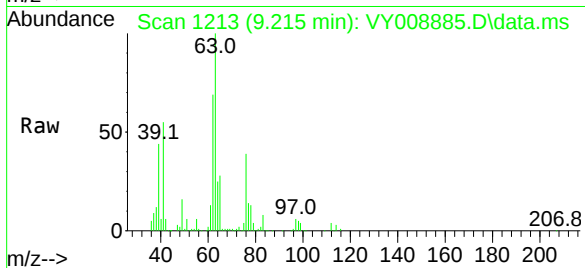
VSTDCCC050

Tgt Ion: 63 Resp: 85720

Ion Ratio Lower Upper

63 100

65 28.1 23.0 34.6



#46

Dibromomethane

Concen: 51.406 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

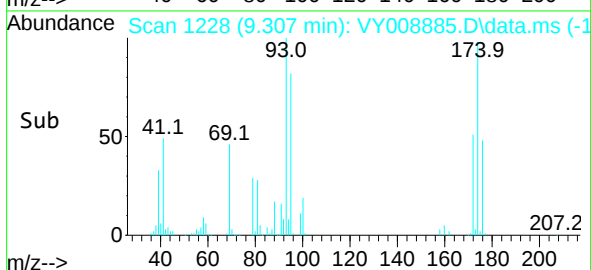
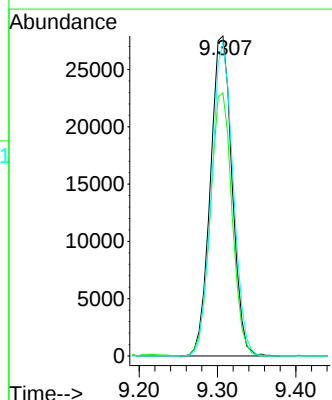
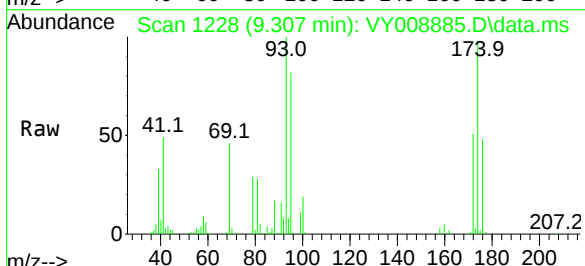
Tgt Ion: 93 Resp: 53681

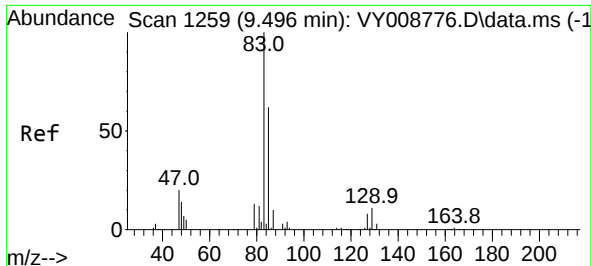
Ion Ratio Lower Upper

93 100

95 82.4 64.3 96.5

174 97.3 83.4 125.0

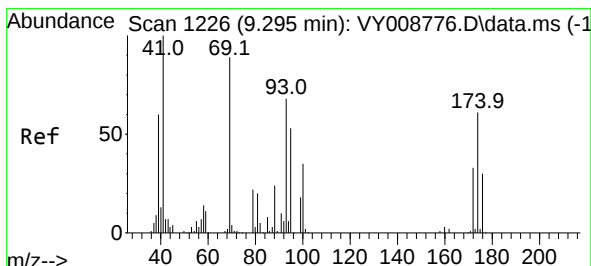
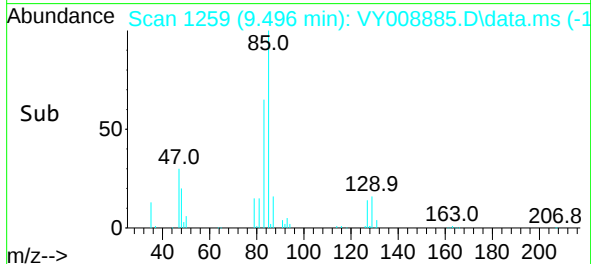
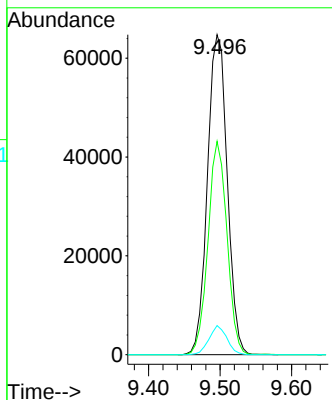
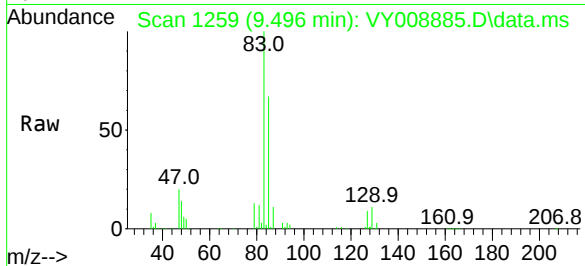




#47
Bromodichloromethane
Concen: 53.768 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

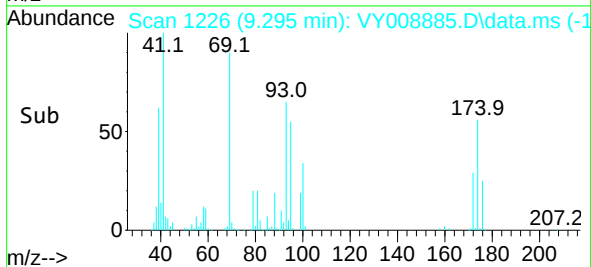
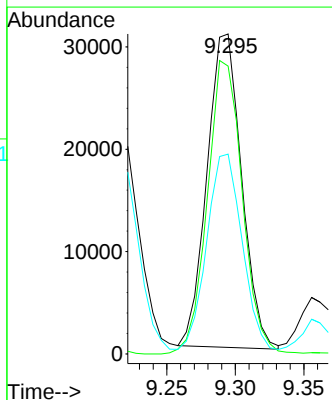
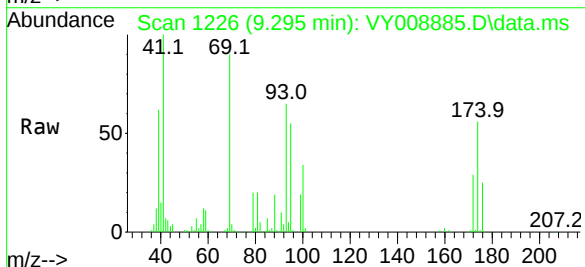
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

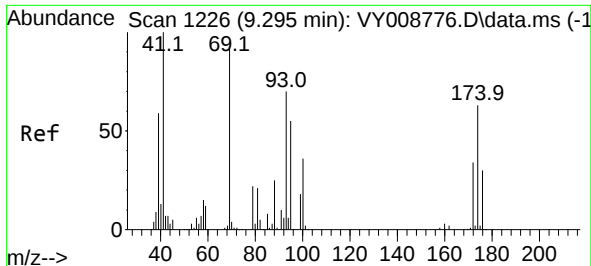
Tgt Ion: 83 Resp: 124472
Ion Ratio Lower Upper
83 100
85 66.7 51.9 77.9
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 51.607 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 41 Resp: 53721
Ion Ratio Lower Upper
41 100
69 94.7 58.2 87.2#
39 66.6 47.4 71.0





#49

1,4-Dioxane

Concen: 913.867 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008885.D

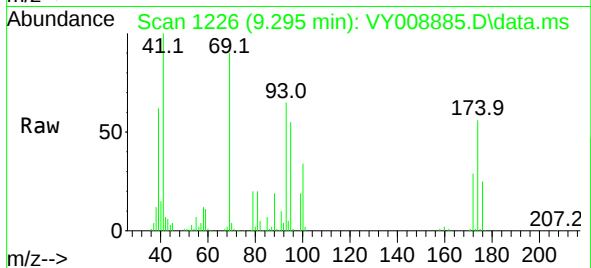
Acq: 19 May 2022 22:43

Instrument :

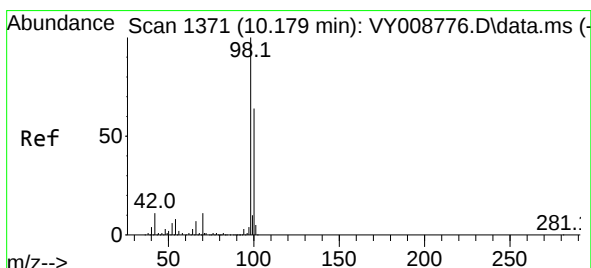
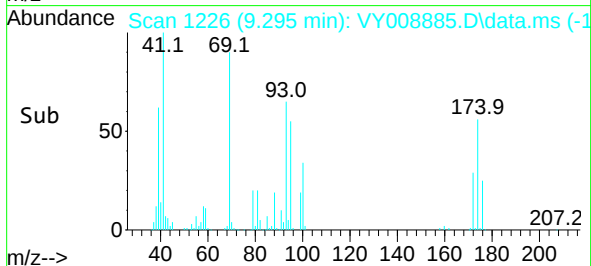
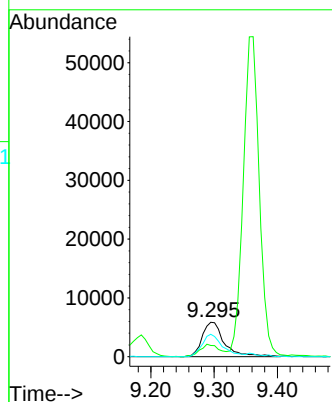
MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:	88	Resp:	14334
Ion	Ratio	Lower	Upper
88	100		
43	31.8	32.8	49.2#
58	60.6	59.8	89.6



#50

Toluene-d8

Concen: 48.452 ug/l

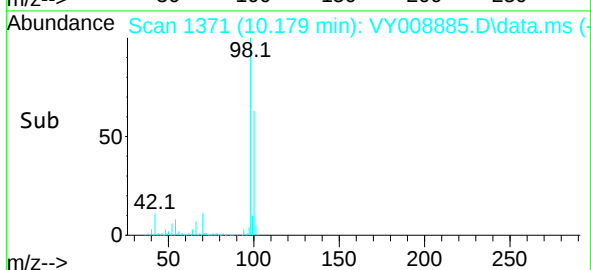
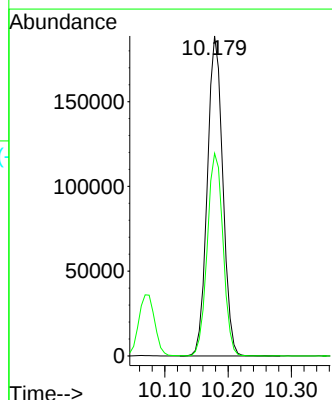
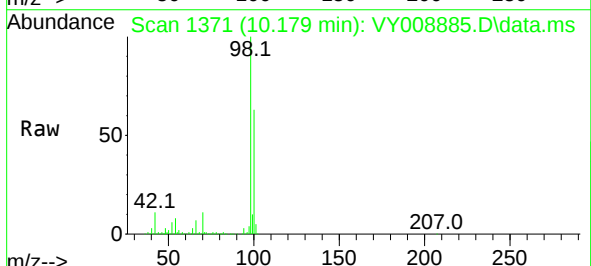
RT: 10.179 min Scan# 1371

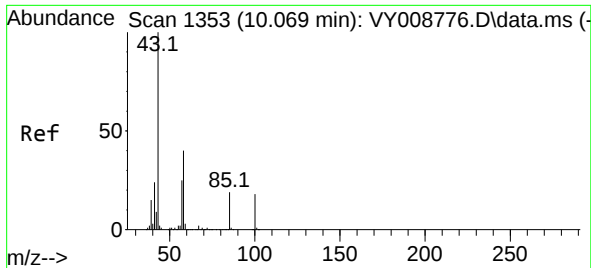
Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Tgt Ion:	98	Resp:	320652
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.2	75.2

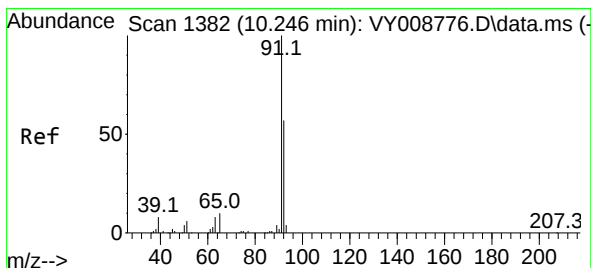
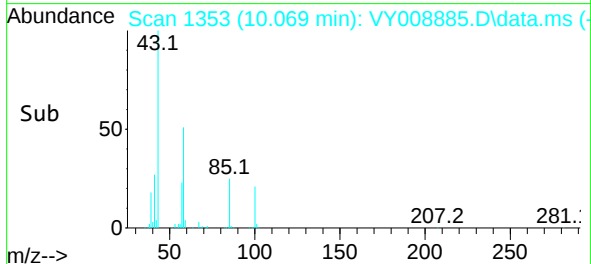
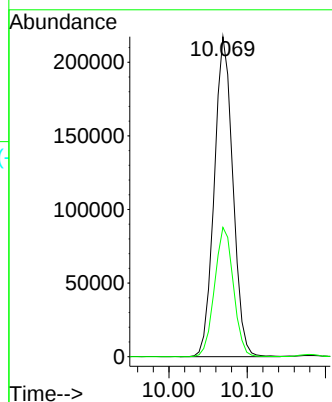
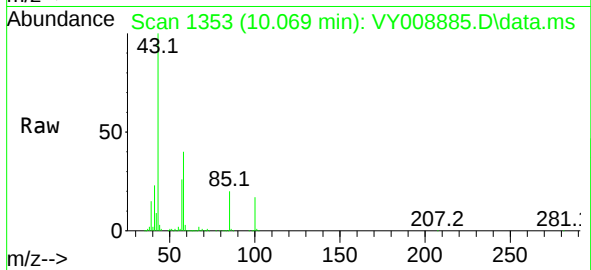




#51
4-Methyl-2-Pentanone
Concen: 256.769 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

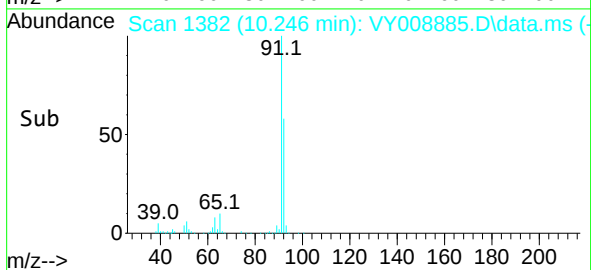
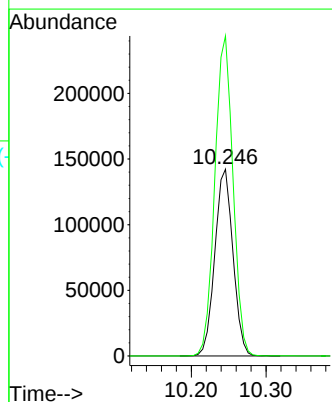
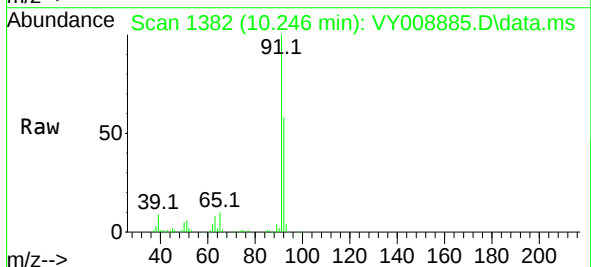
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

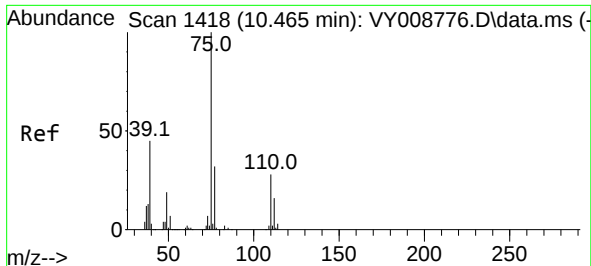
Tgt Ion: 43 Resp: 359357
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1



#52
Toluene
Concen: 52.782 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 92 Resp: 239830
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8

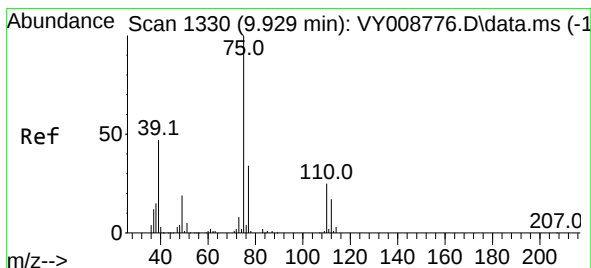
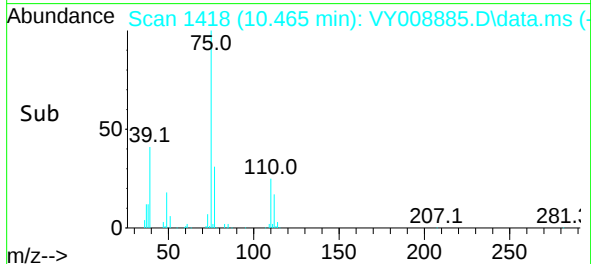
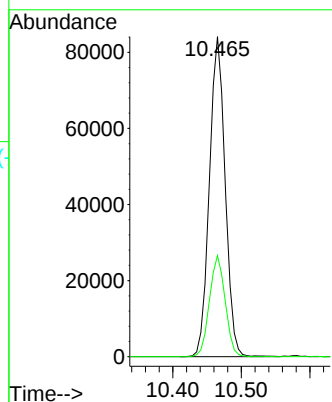
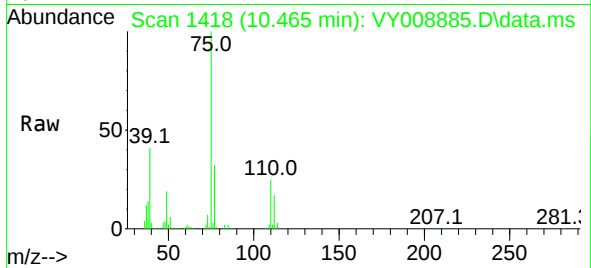




#53
t-1,3-Dichloropropene
Concen: 55.907 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

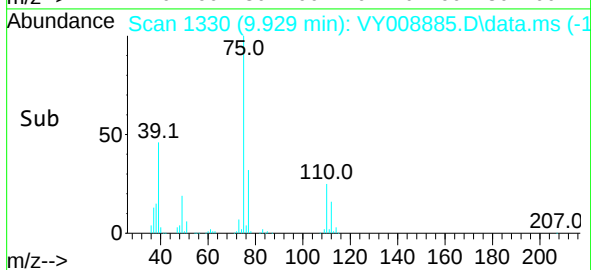
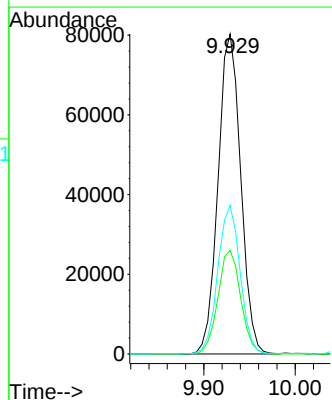
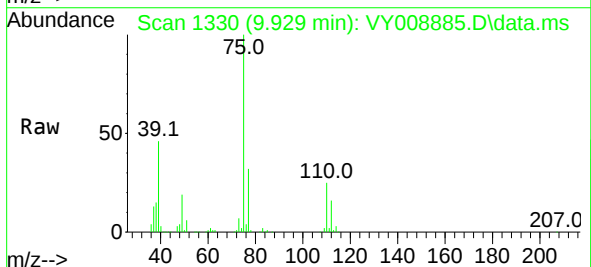
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

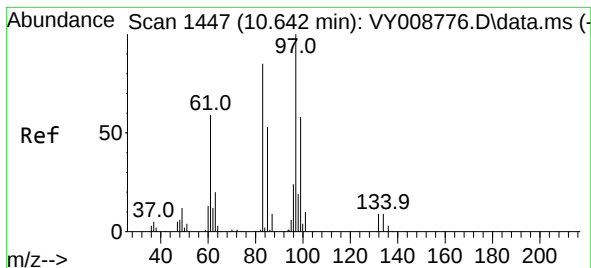
Tgt Ion: 75 Resp: 134432
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.346 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 75 Resp: 138323
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 46.4 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 55.617 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 78977

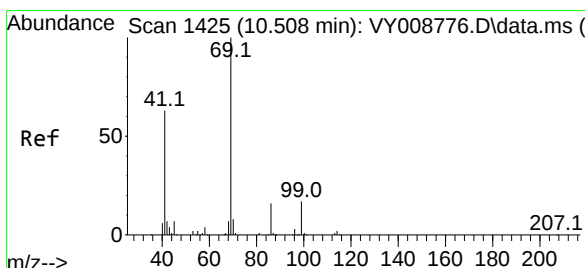
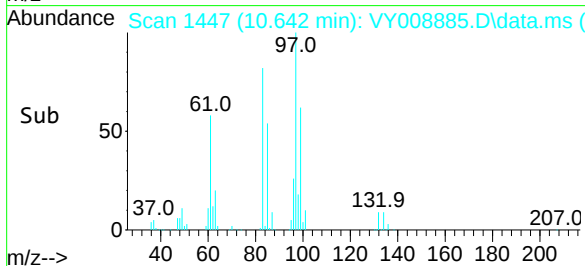
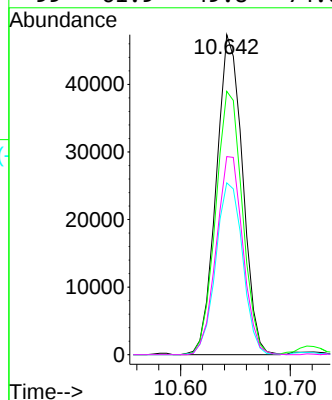
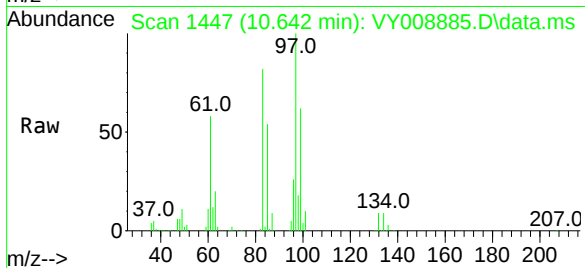
Ion Ratio Lower Upper

97 100

83 82.3 69.8 104.8

85 53.7 44.3 66.5

99 61.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 60.226 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

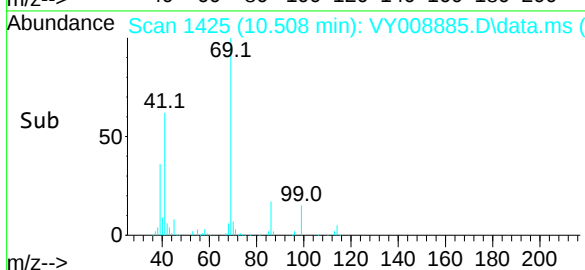
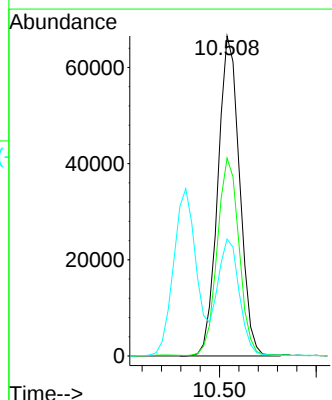
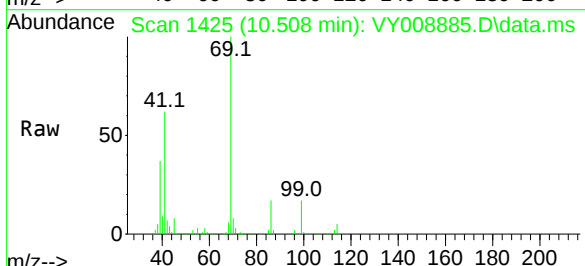
Tgt Ion: 69 Resp: 103760

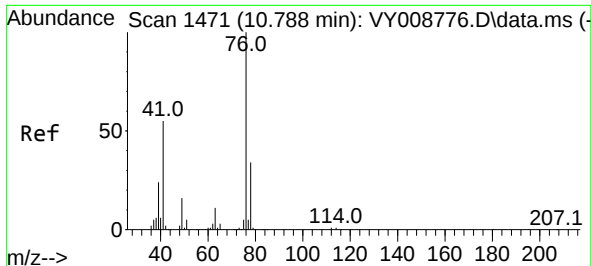
Ion Ratio Lower Upper

69 100

41 62.0 63.4 95.0#

39 35.5 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 54.520 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

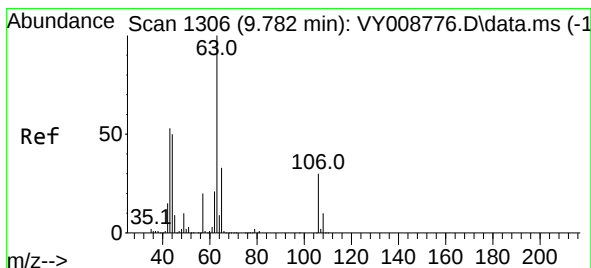
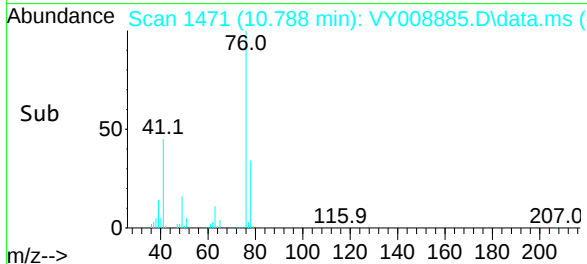
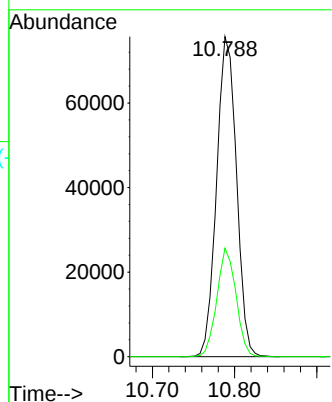
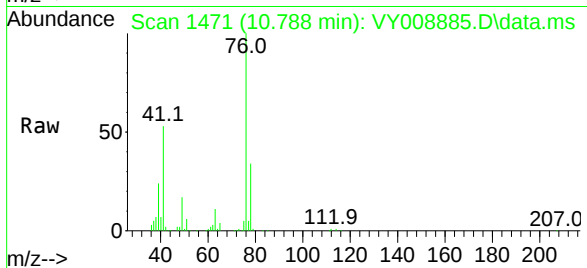
VSTDCCC050

Tgt Ion: 76 Resp: 127299

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 271.387 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008885.D

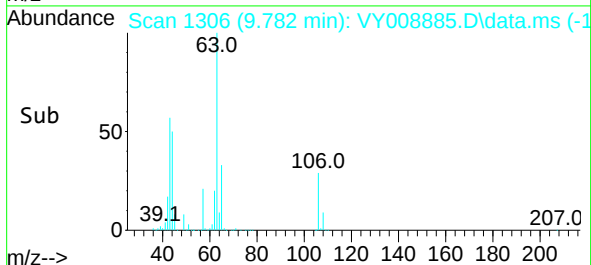
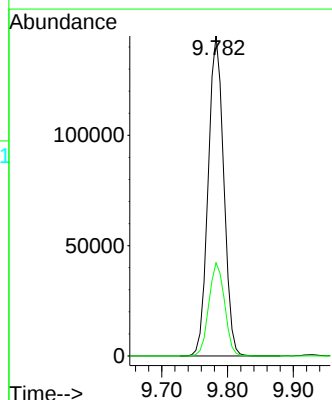
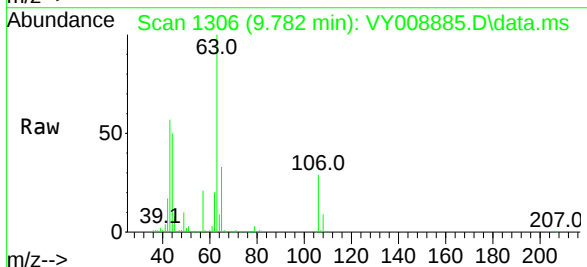
Acq: 19 May 2022 22:43

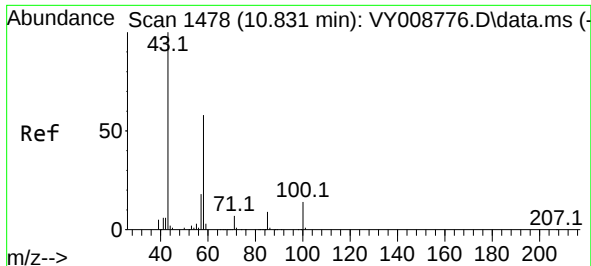
Tgt Ion: 63 Resp: 238423

Ion Ratio Lower Upper

63 100

106 29.4 21.5 32.3

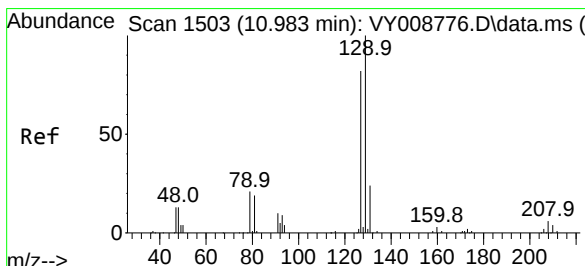
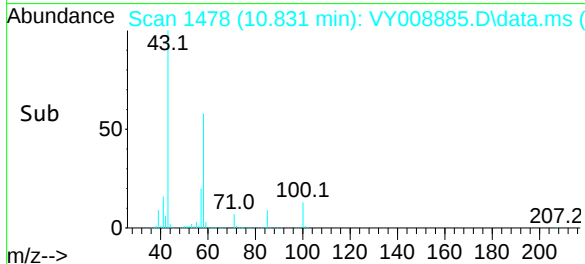
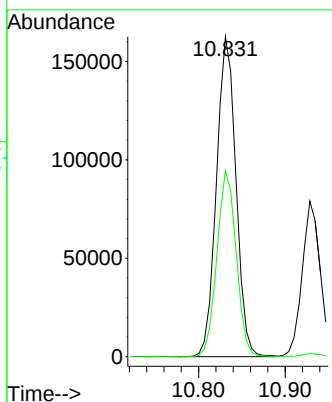
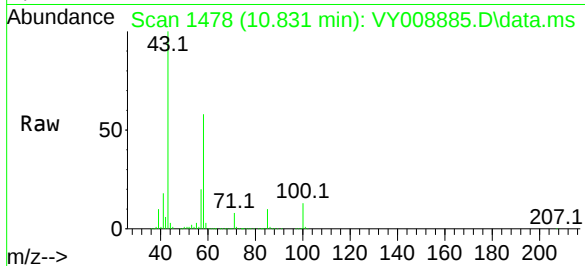




#59
2-Hexanone
Concen: 254.371 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

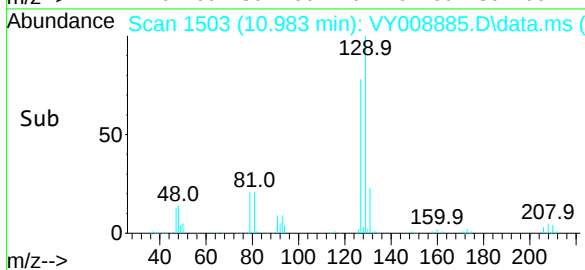
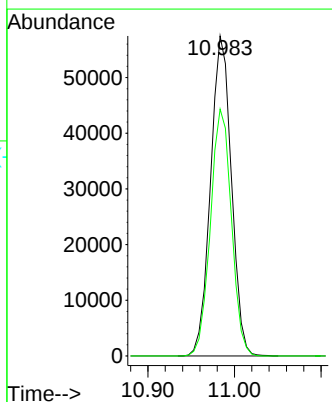
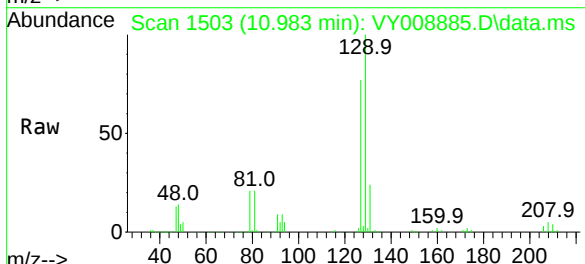
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

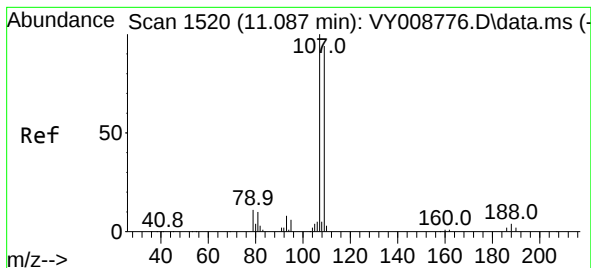
Tgt Ion: 43 Resp: 254365
Ion Ratio Lower Upper
43 100
58 57.4 24.4 73.4



#60
Dibromochloromethane
Concen: 56.313 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 129 Resp: 95996
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

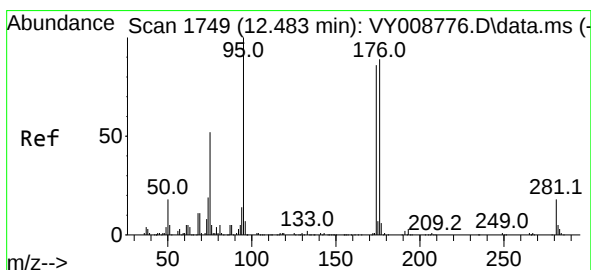
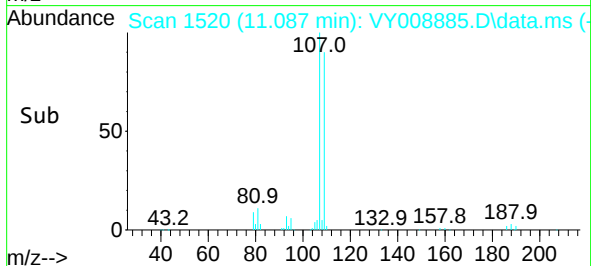
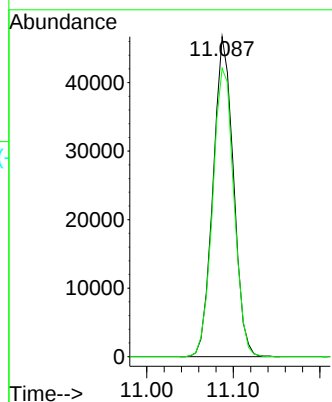
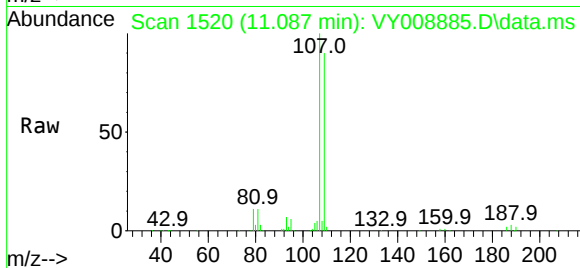




#61
1,2-Dibromoethane
Concen: 53.822 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

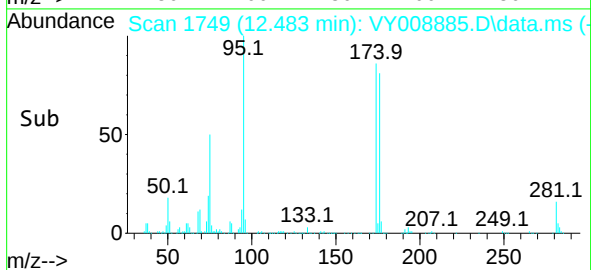
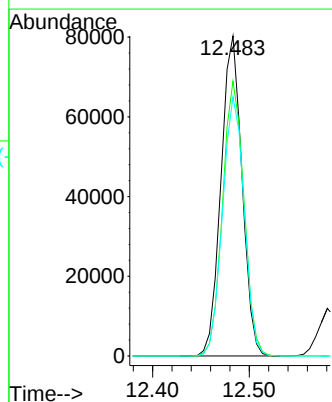
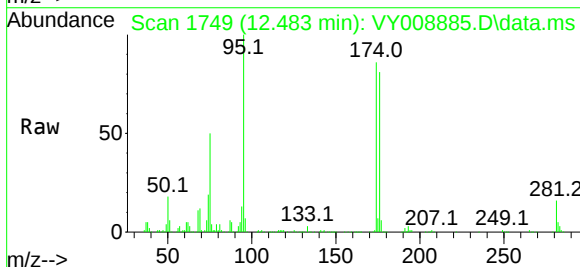
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

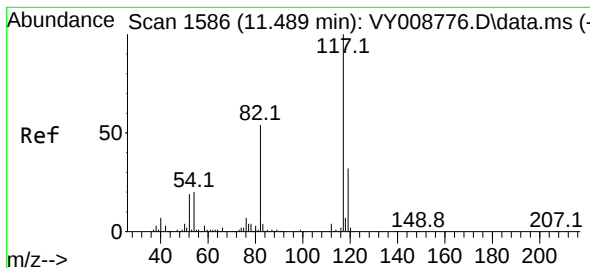
Tgt Ion:107 Resp: 76218
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.009 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 95 Resp: 120908
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 83.2 0.0 175.8

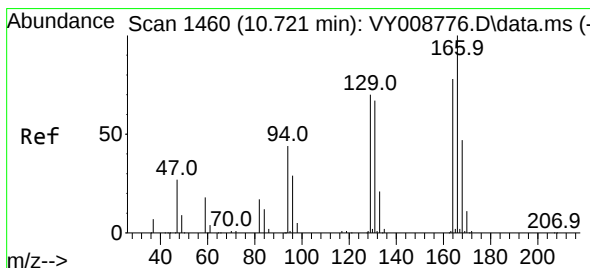
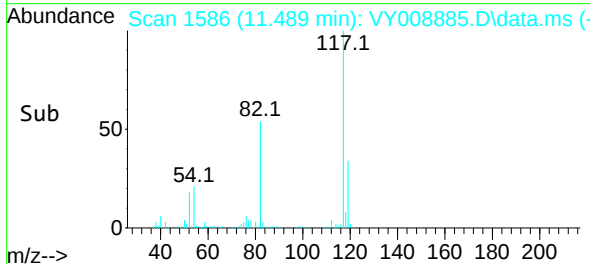
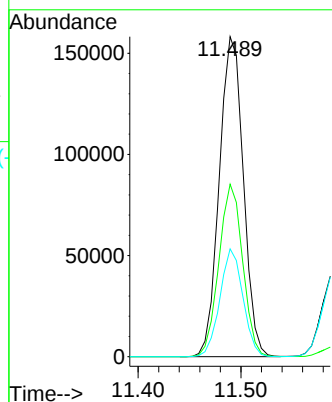
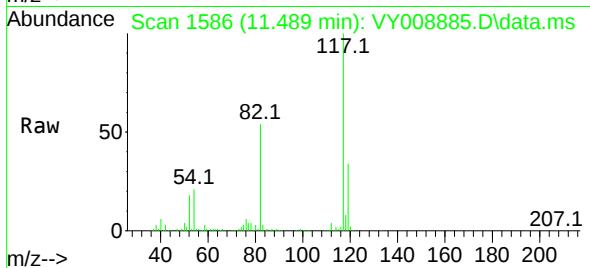




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

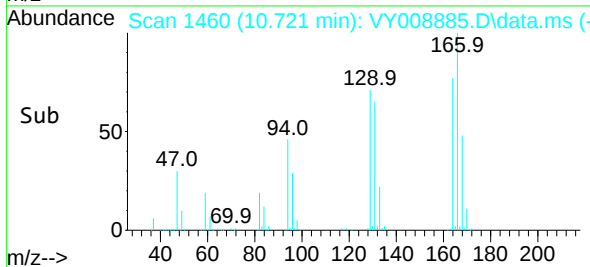
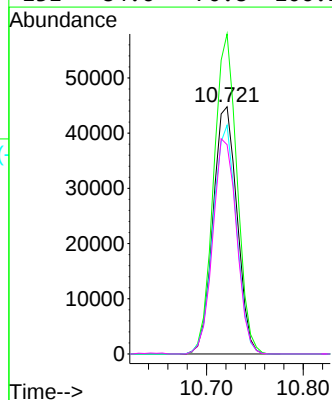
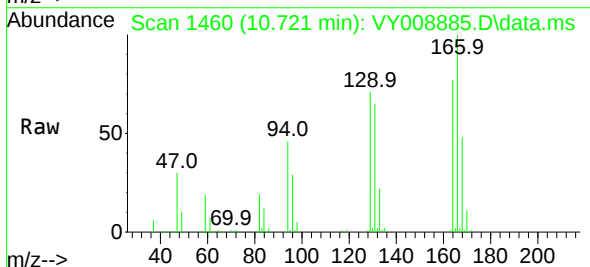
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

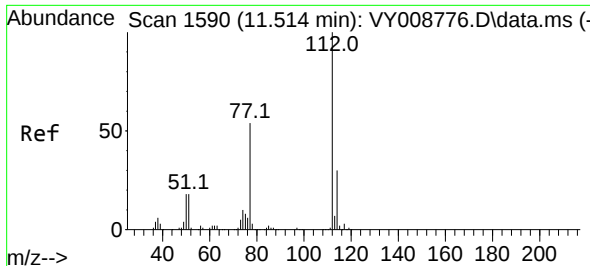
Tgt Ion:117 Resp: 257225
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 33.7 25.4 38.0



#64
Tetrachloroethene
Concen: 46.697 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion:164 Resp: 76890
Ion Ratio Lower Upper
164 100
166 129.4 100.4 150.6
129 92.5 71.4 107.0
131 84.6 70.8 106.2

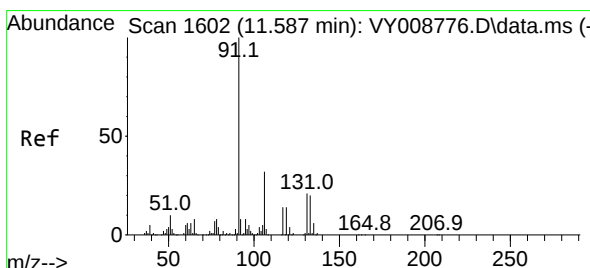
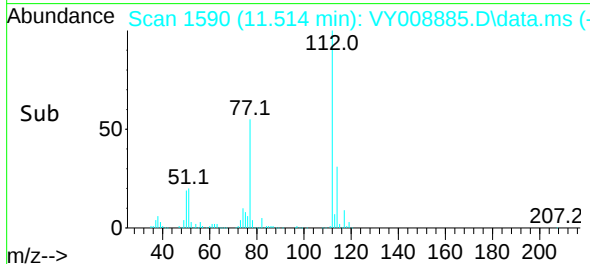
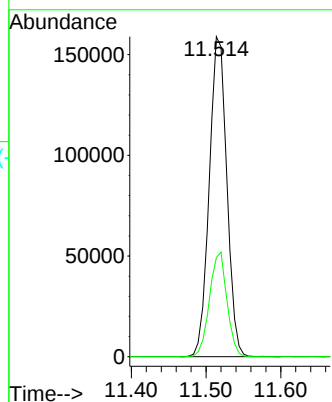
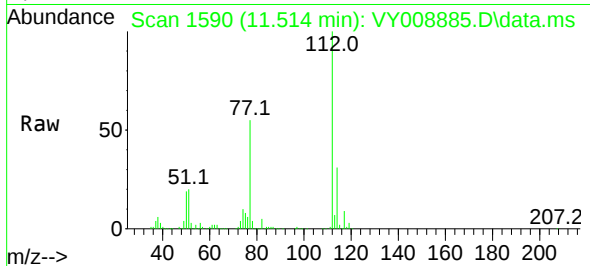




#65
Chlorobenzene
Concen: 49.908 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

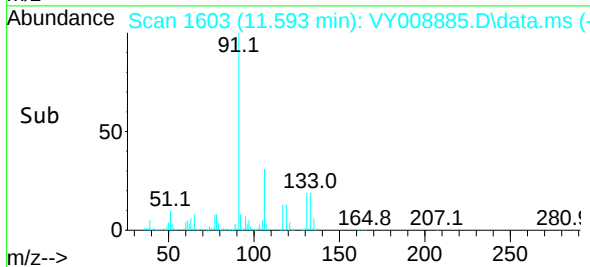
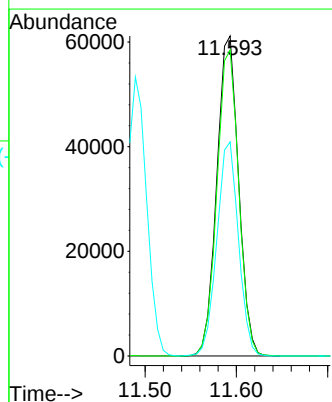
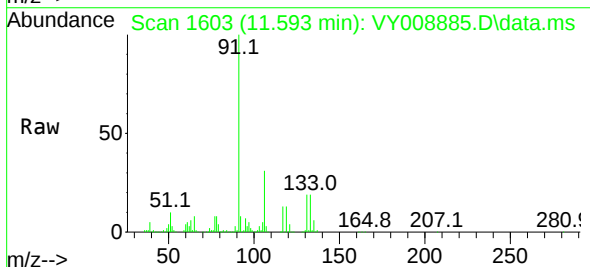
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

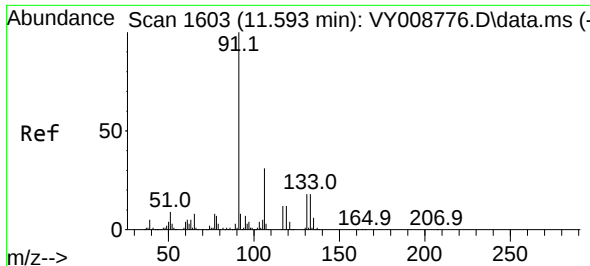
Tgt Ion:112 Resp: 259818
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.333 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion:131 Resp: 101435
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.2 30.8 92.3





#67

Ethyl Benzene

Concen: 50.722 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

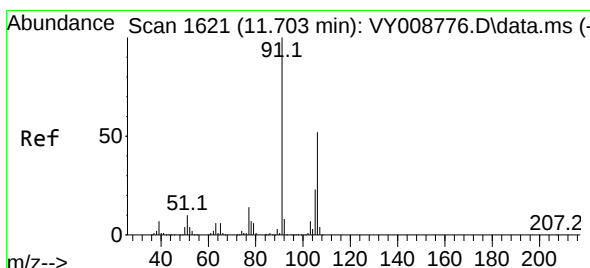
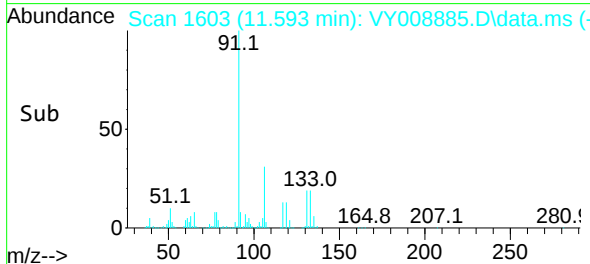
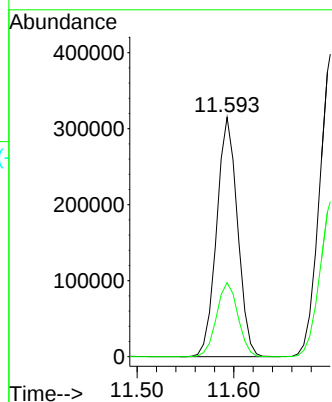
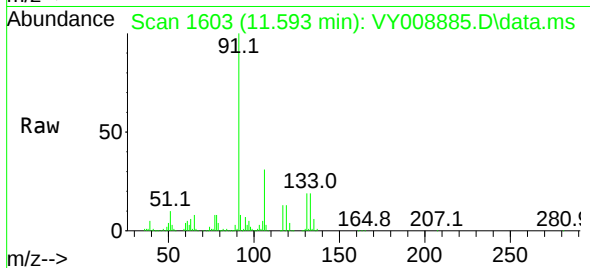
VSTDCCC050

Tgt Ion: 91 Resp: 471554

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 105.521 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008885.D

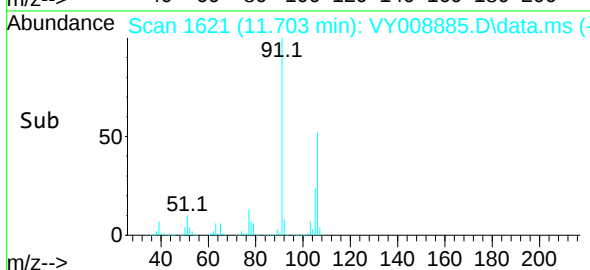
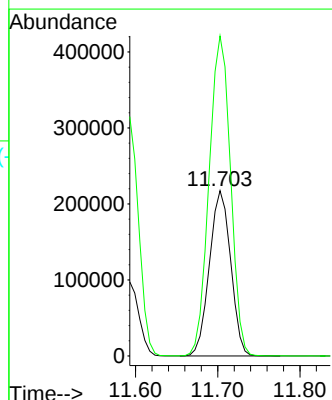
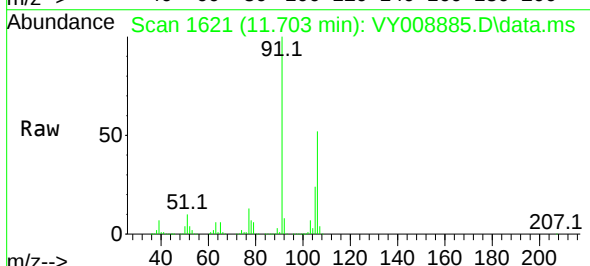
Acq: 19 May 2022 22:43

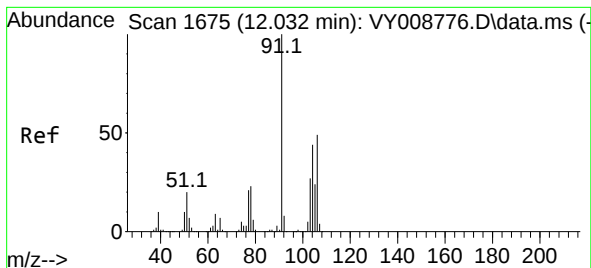
Tgt Ion: 106 Resp: 390821

Ion Ratio Lower Upper

106 100

91 195.2 166.6 249.8





#69

o-Xylene

Concen: 54.852 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

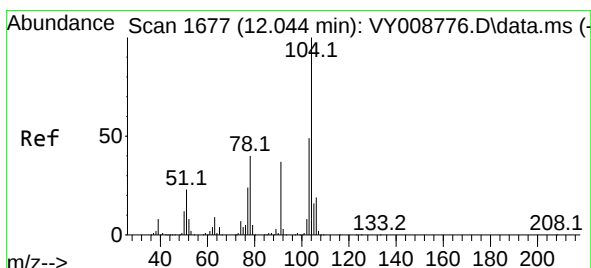
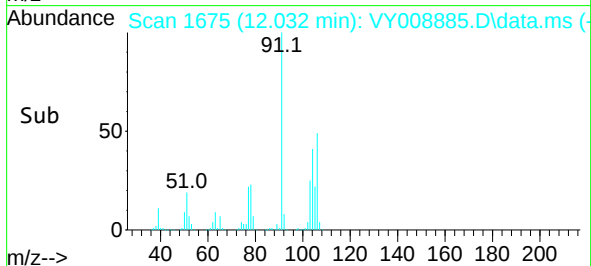
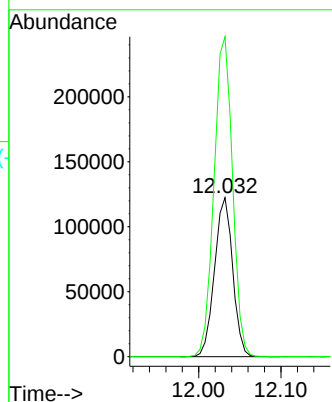
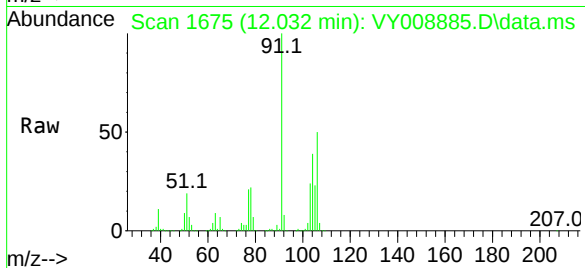
VSTDCCC050

Tgt Ion:106 Resp: 187717

Ion Ratio Lower Upper

106 100

91 205.4 110.3 331.0



#70

Styrene

Concen: 57.610 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

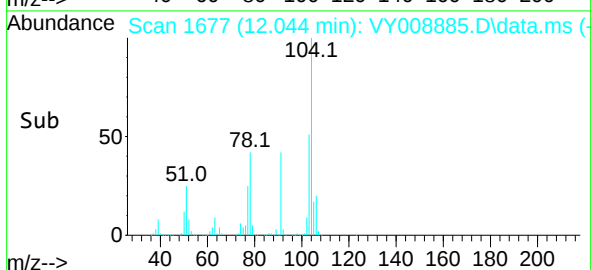
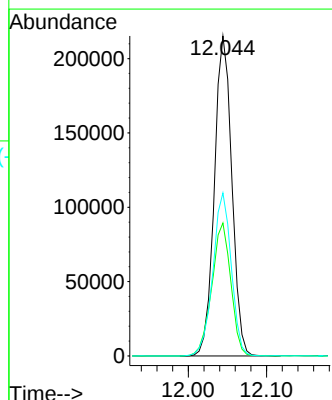
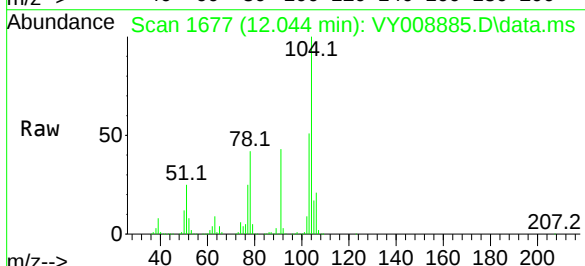
Tgt Ion:104 Resp: 333747

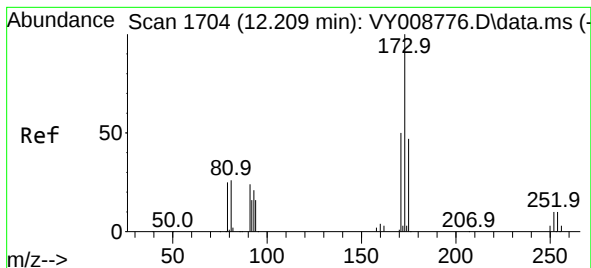
Ion Ratio Lower Upper

104 100

78 45.2 42.4 63.6

103 53.6 44.4 66.6





#71

Bromoform

Concen: 54.489 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

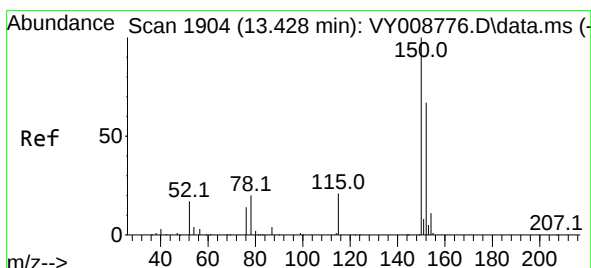
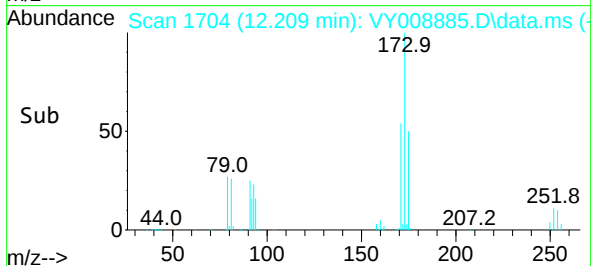
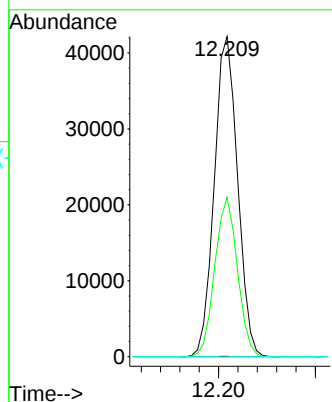
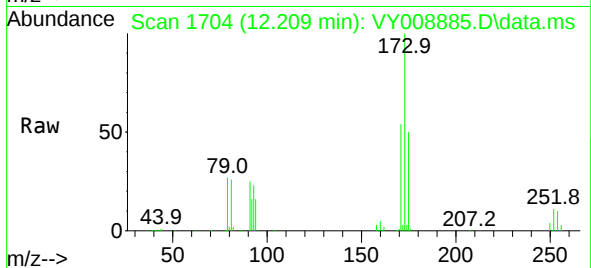
Tgt Ion:173 Resp: 70351

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.1 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: VY008885.D

Acq: 19 May 2022 22:43

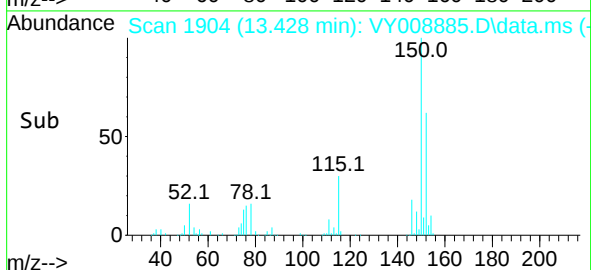
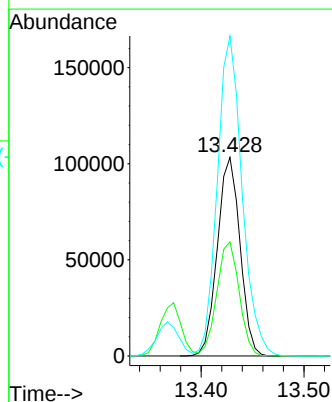
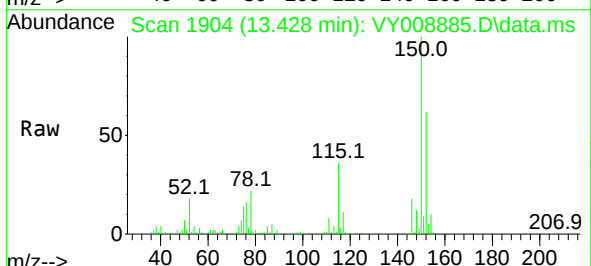
Tgt Ion:152 Resp: 158093

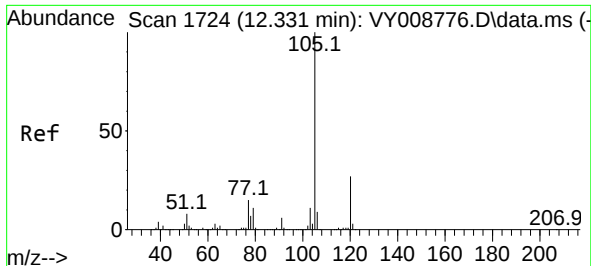
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 176.2 0.0 347.6

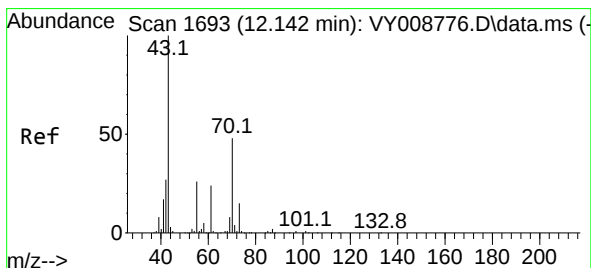
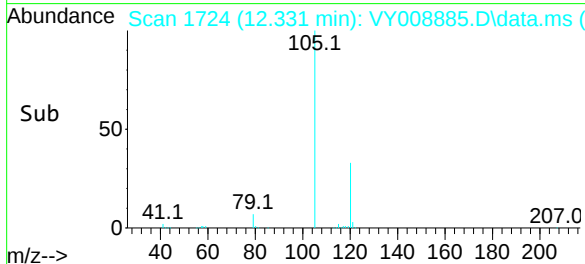
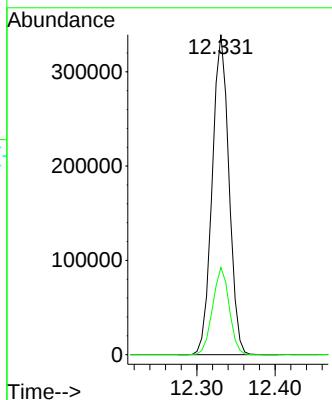
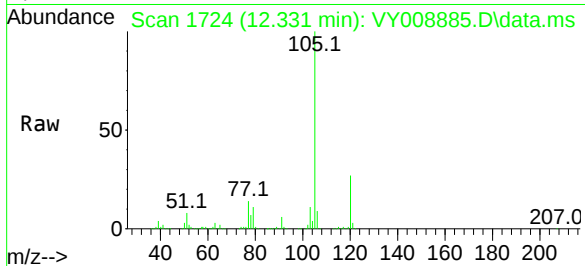




#73
Isopropylbenzene
Concen: 46.474 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

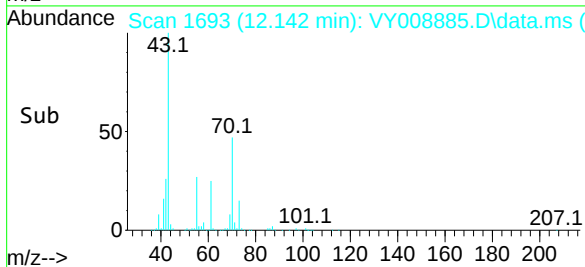
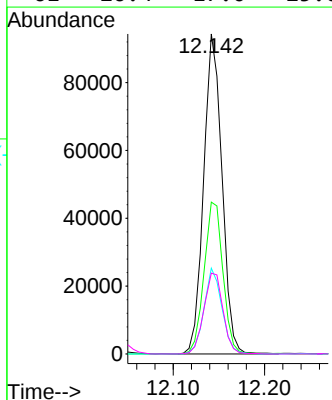
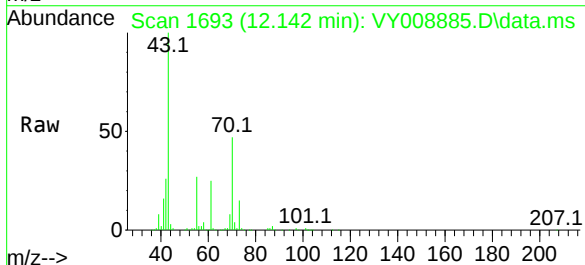
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

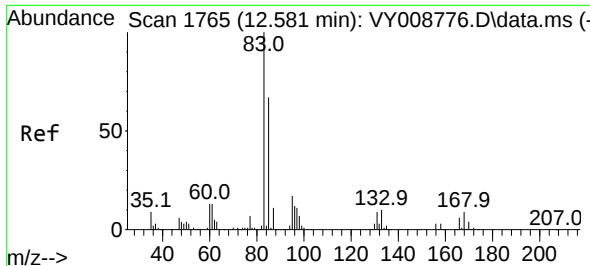
Tgt Ion:105 Resp: 503894
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 50.811 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 43 Resp: 131501
Ion Ratio Lower Upper
43 100
70 48.9 28.7 43.1#
55 26.2 17.3 25.9#
61 26.4 17.0 25.6#

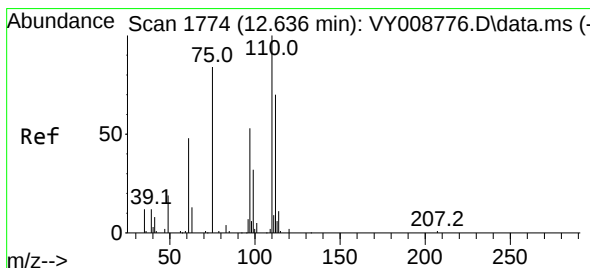
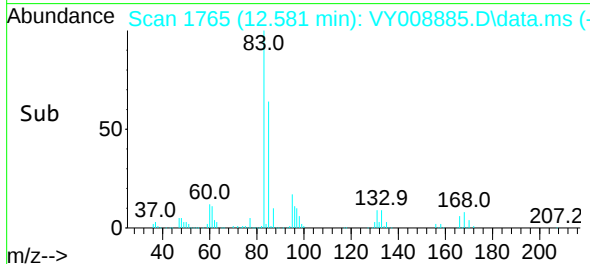
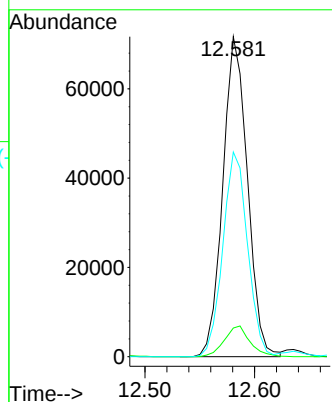
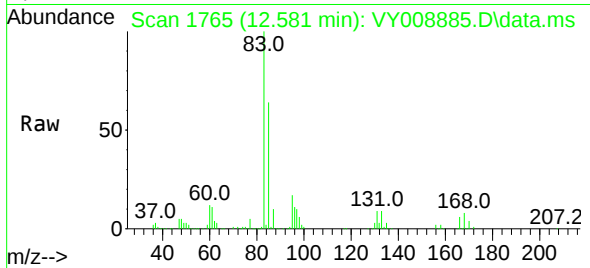




#75
1,1,2,2-Tetrachloroethane
Concen: 46.371 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

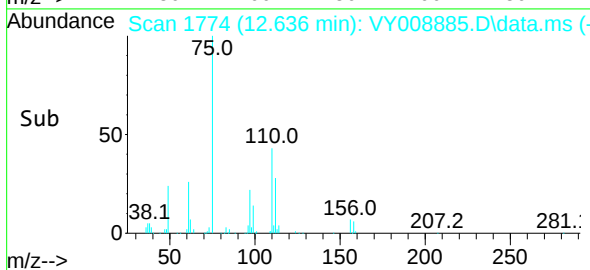
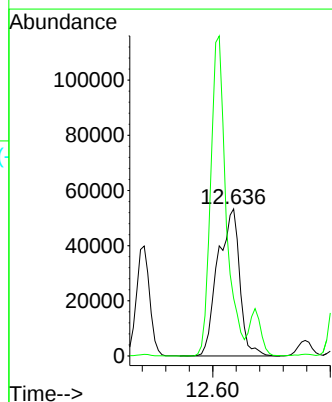
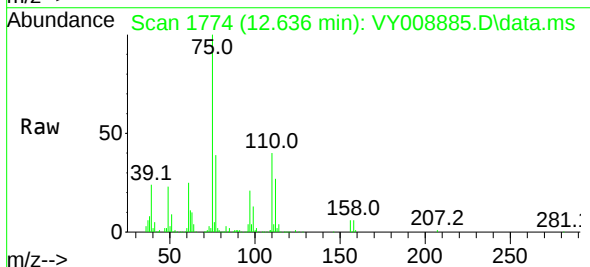
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

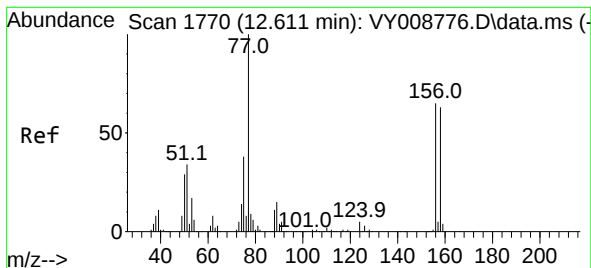
Tgt Ion: 83 Resp: 111776
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 64.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 75.592 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 75 Resp: 138046
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.022 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

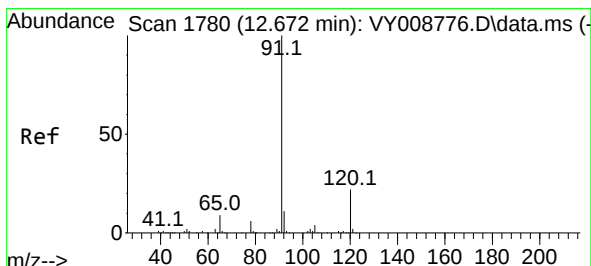
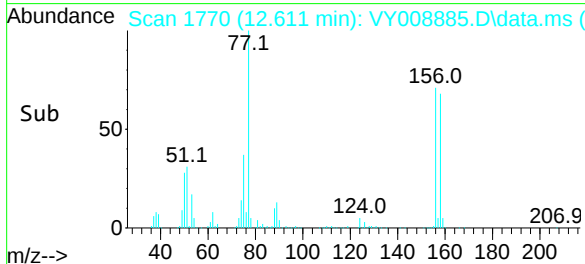
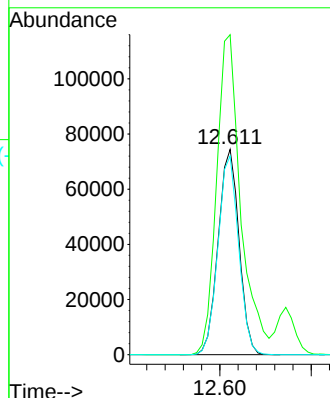
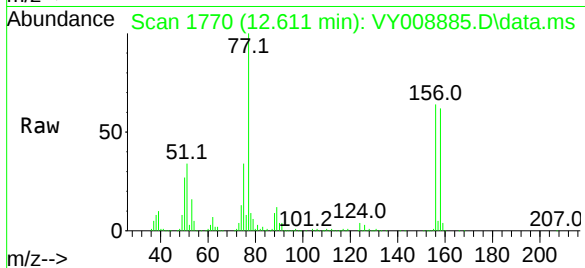
Tgt Ion:156 Resp: 118137

Ion Ratio Lower Upper

156 100

77 180.1 95.5 286.4

158 95.8 48.0 144.0



#78

n-propylbenzene

Concen: 47.139 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY008885.D

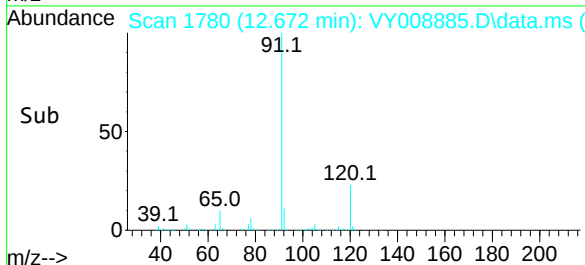
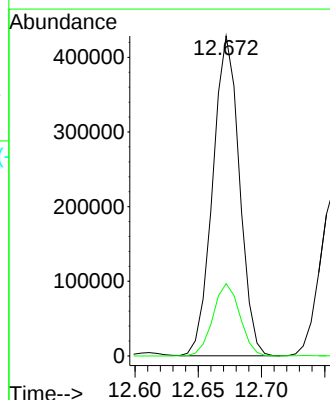
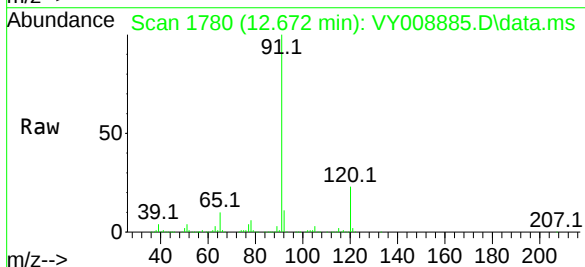
Acq: 19 May 2022 22:43

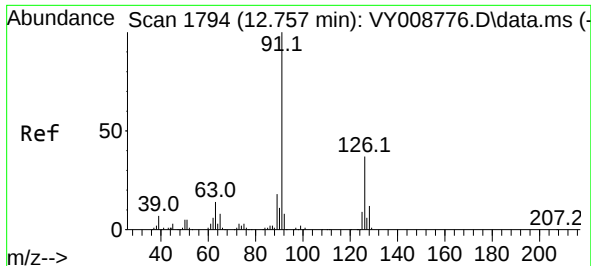
Tgt Ion: 91 Resp: 627901

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

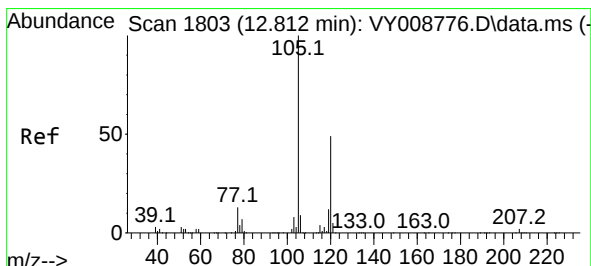
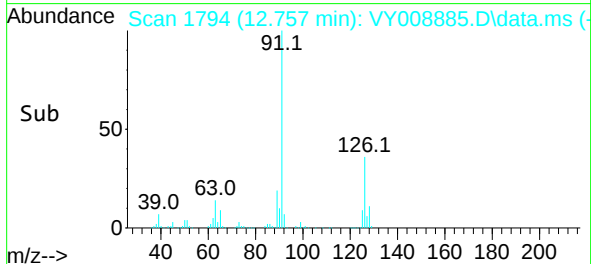
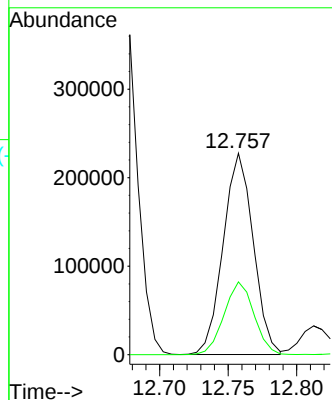
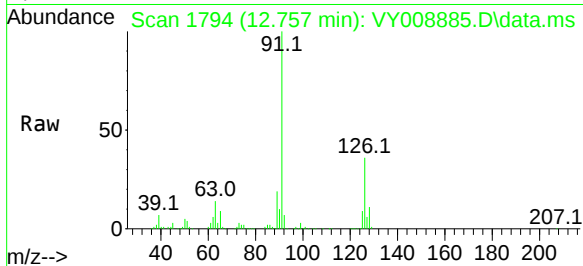




#79
2-Chlorotoluene
Concen: 48.138 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

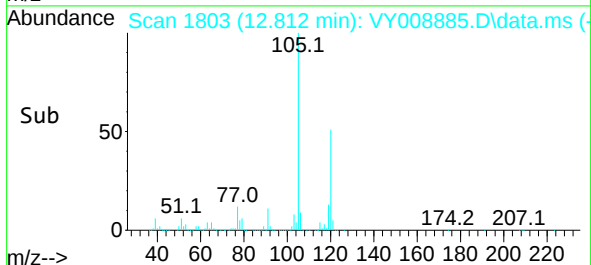
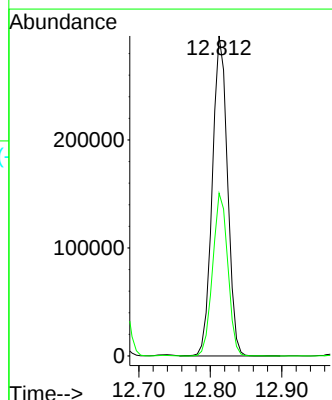
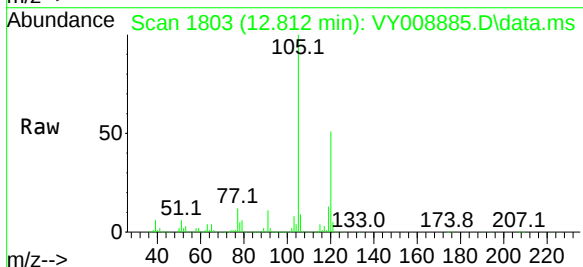
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

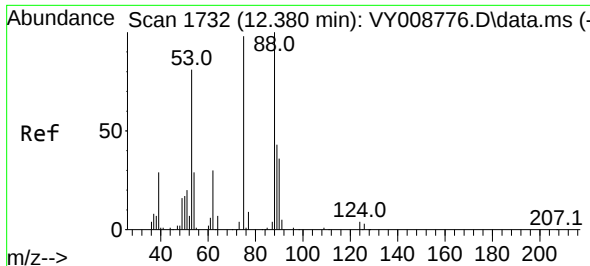
Tgt Ion: 91 Resp: 347297
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.879 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion: 105 Resp: 436657
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.4

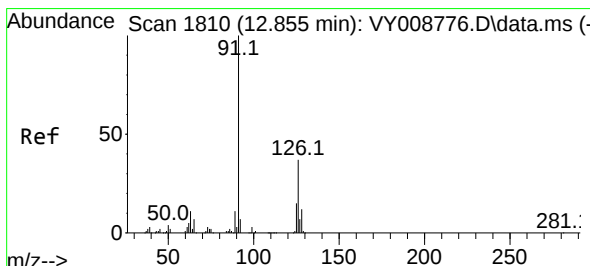
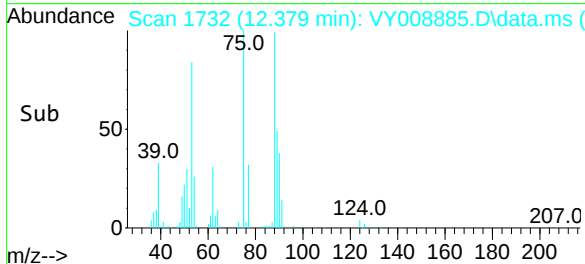
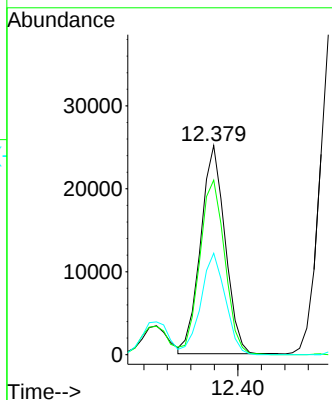
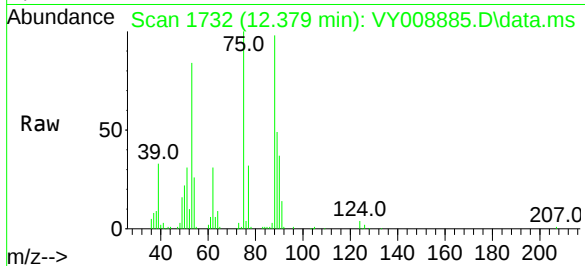




#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.547 ug/l
 RT: 12.379 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

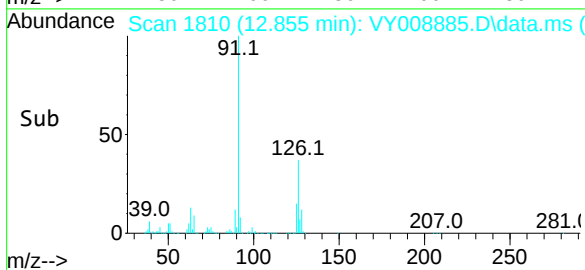
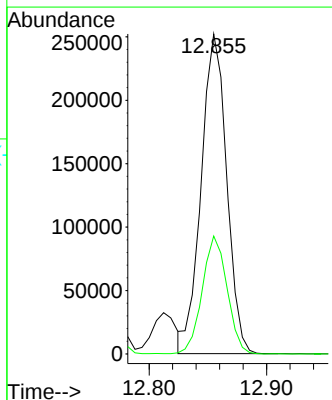
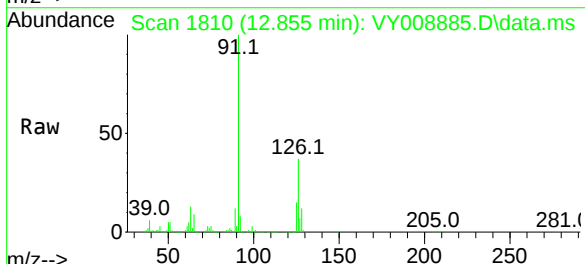
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

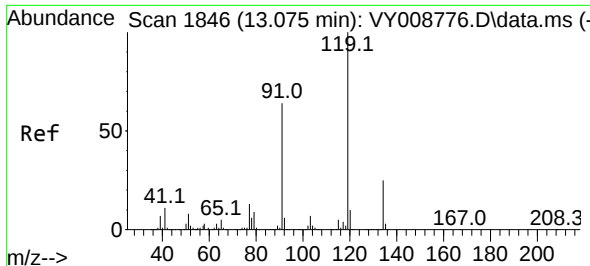
Tgt Ion: 75 Resp: 36358
 Ion Ratio Lower Upper
 75 100
 53 85.9 85.3 127.9
 89 48.8 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 49.827 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

Tgt Ion: 91 Resp: 379772
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.0 51.0

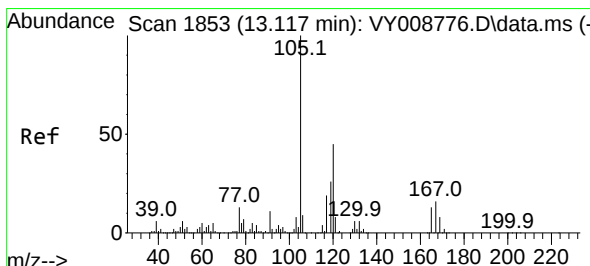
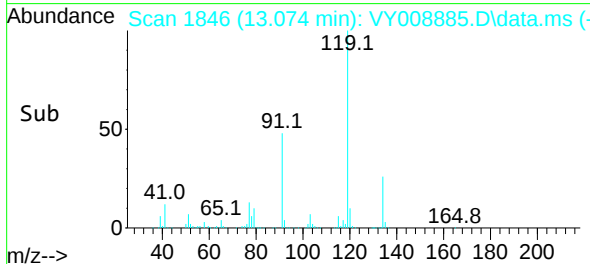
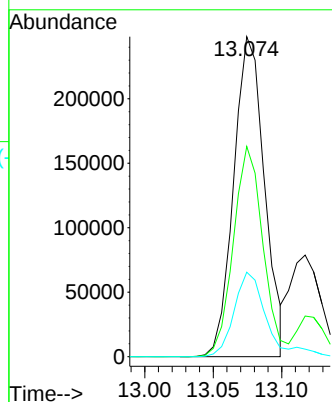
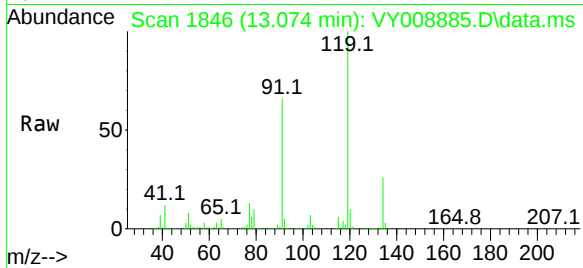




#83
tert-Butylbenzene
Concen: 49.447 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

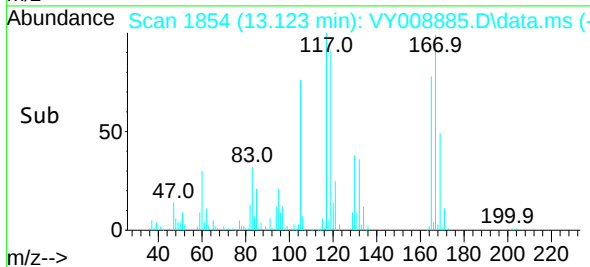
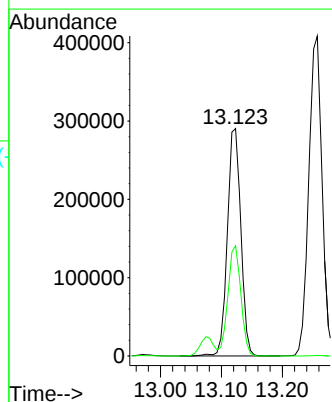
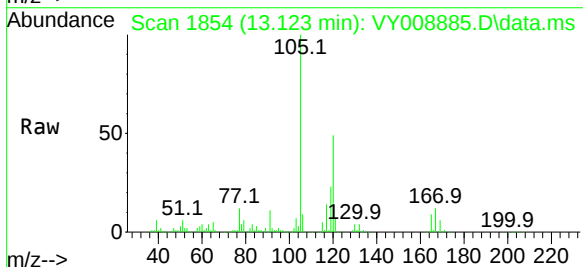
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

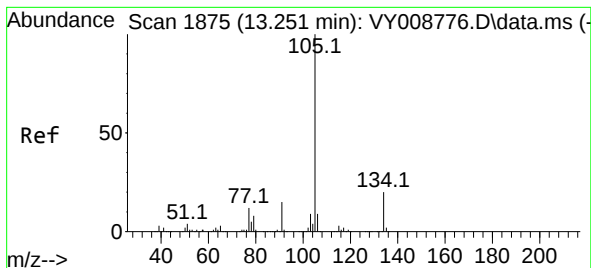
Tgt Ion:119 Resp: 389296
Ion Ratio Lower Upper
119 100
91 63.2 34.8 104.4
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.399 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion:105 Resp: 445448
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.038 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

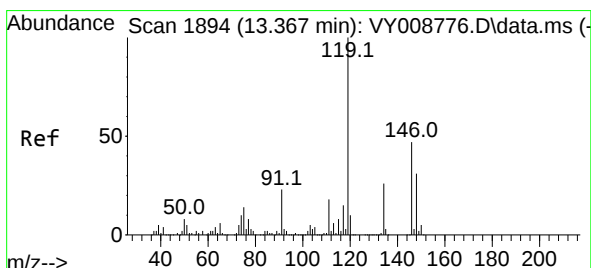
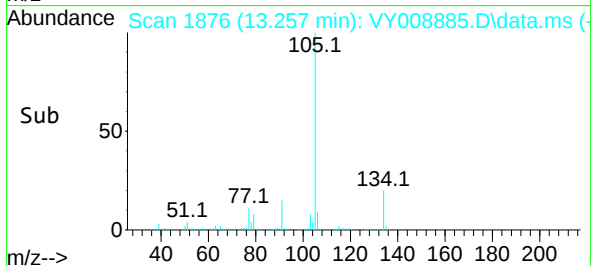
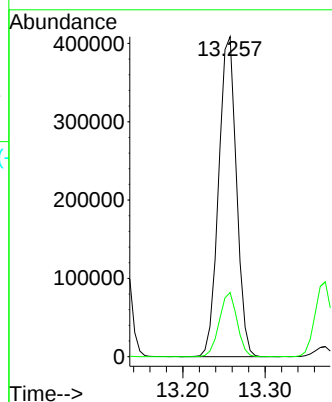
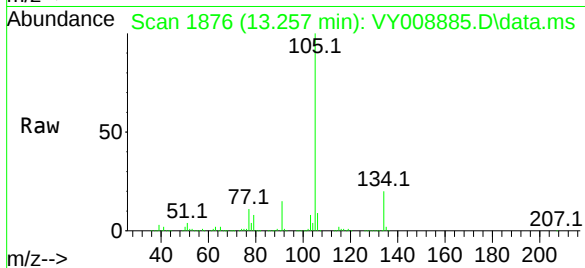
VSTDCCC050

Tgt Ion:105 Resp: 614630

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.545 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

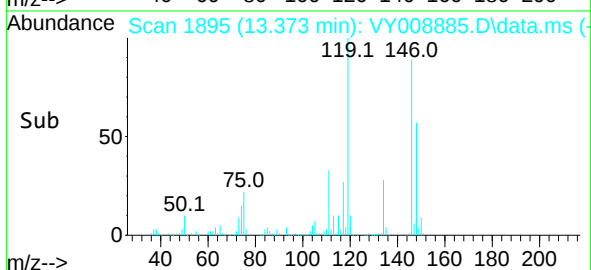
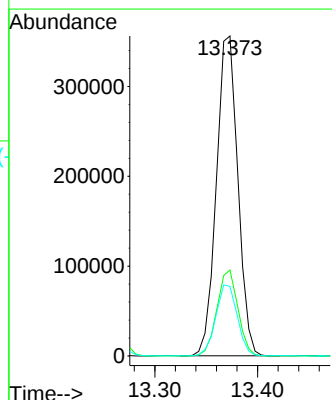
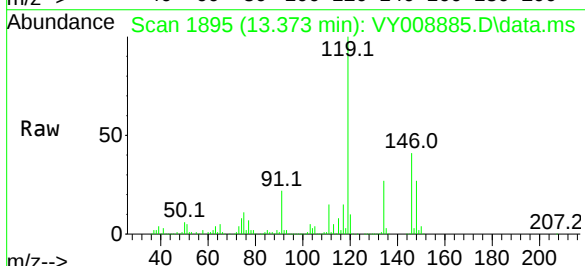
Tgt Ion:119 Resp: 516255

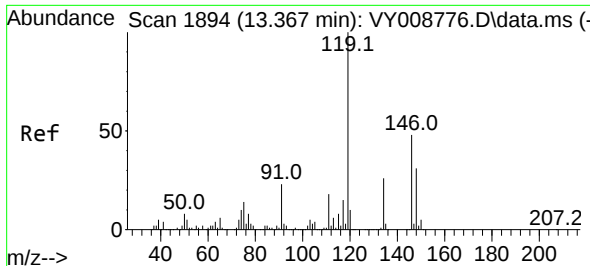
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.2 12.4 37.2

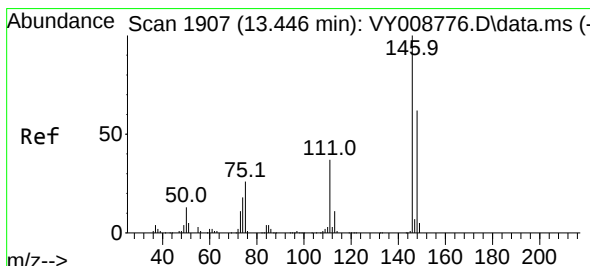
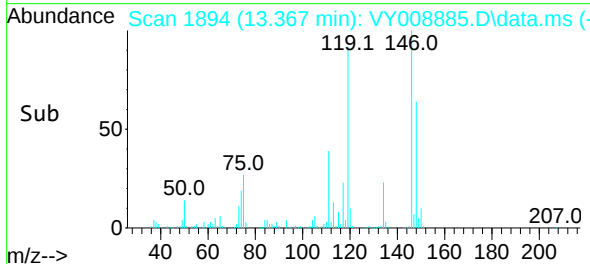
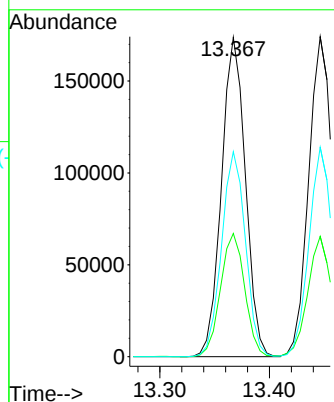
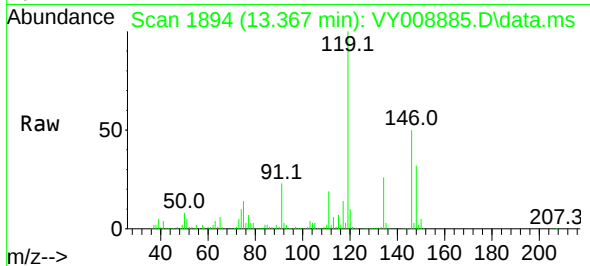




#87
1,3-Dichlorobenzene
Concen: 49.952 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

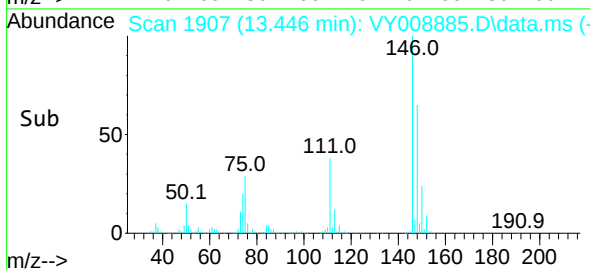
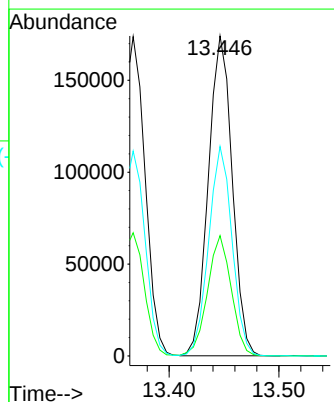
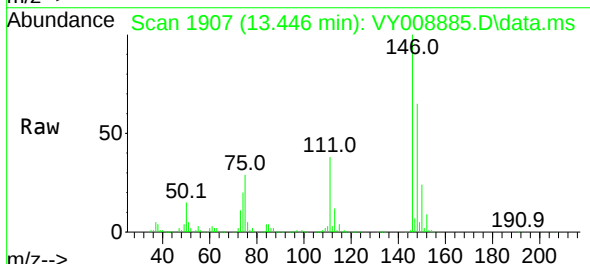
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

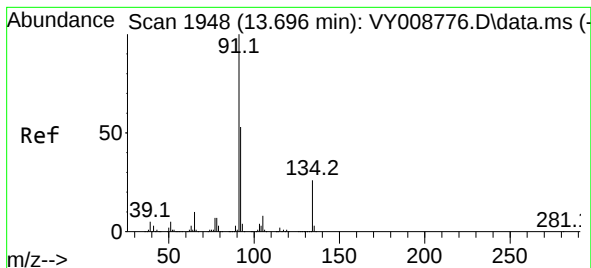
Tgt Ion:146 Resp: 263692
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 50.467 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008885.D
Acq: 19 May 2022 22:43

Tgt Ion:146 Resp: 263512
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 64.4 32.6 97.8





#89

n-Butylbenzene

Concen: 48.747 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

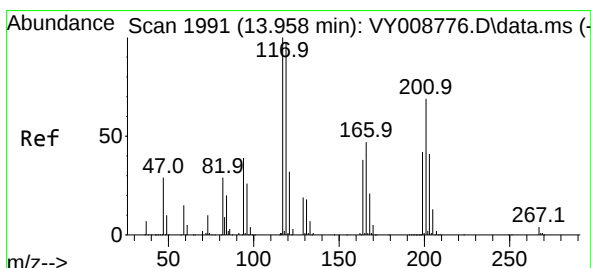
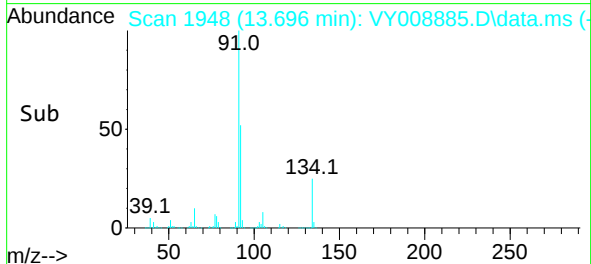
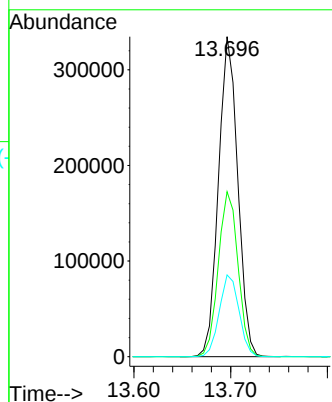
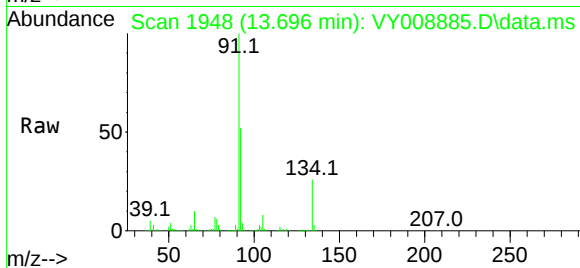
Tgt Ion: 91 Resp: 463427

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 50.275 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008885.D

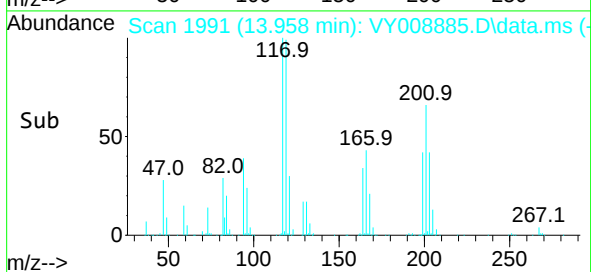
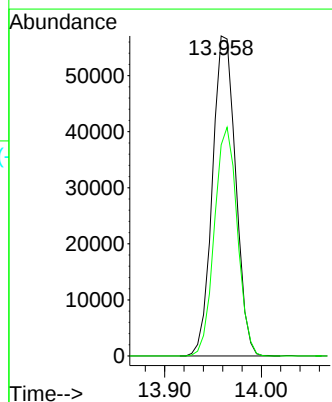
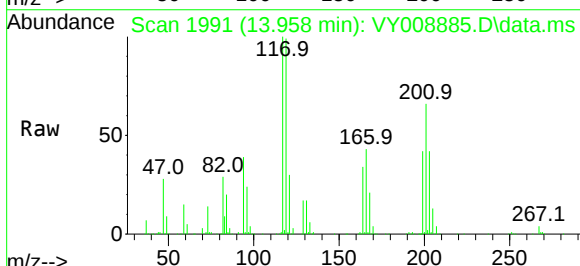
Acq: 19 May 2022 22:43

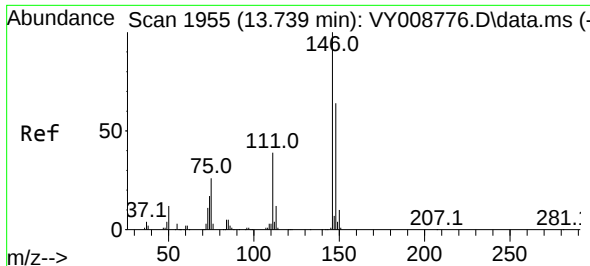
Tgt Ion: 117 Resp: 95202

Ion Ratio Lower Upper

117 100

201 70.5 43.0 128.8

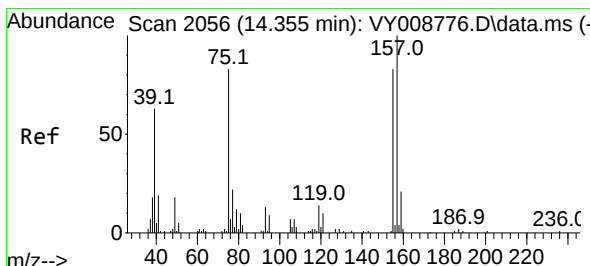
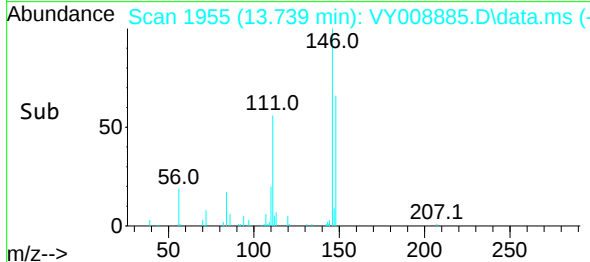
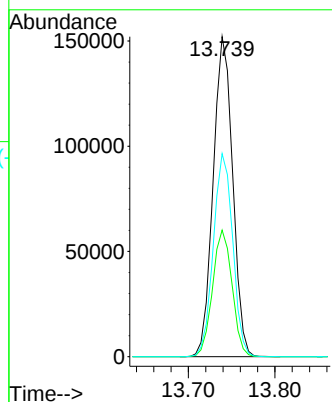
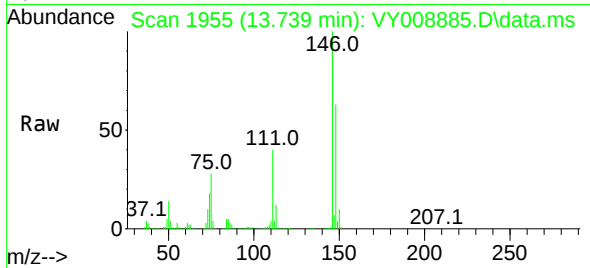




#91
 1,2-Dichlorobenzene
 Concen: 51.542 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

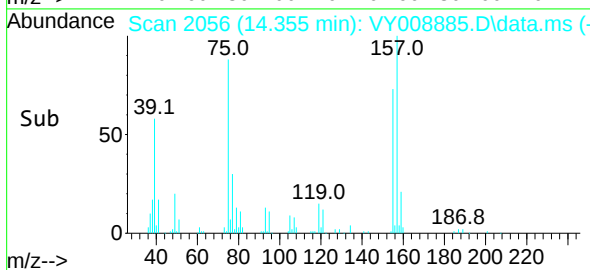
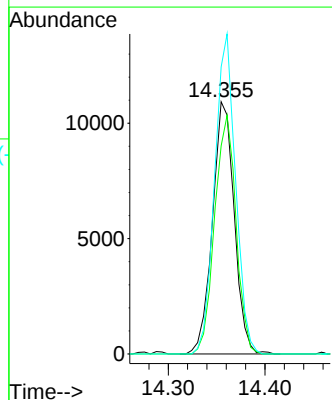
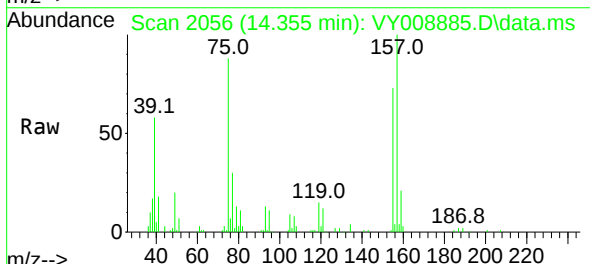
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

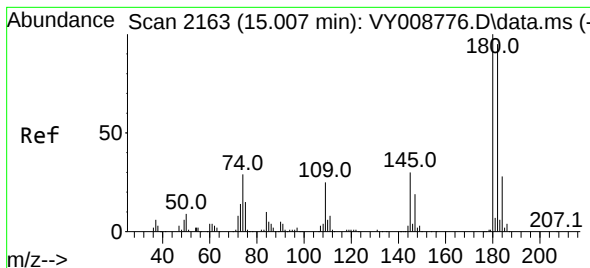
Tgt Ion:146 Resp: 237935
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.3 60.9
 148 63.2 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.512 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY008885.D
 Acq: 19 May 2022 22:43

Tgt Ion: 75 Resp: 17109
 Ion Ratio Lower Upper
 75 100
 155 92.5 38.0 113.9
 157 121.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.433 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

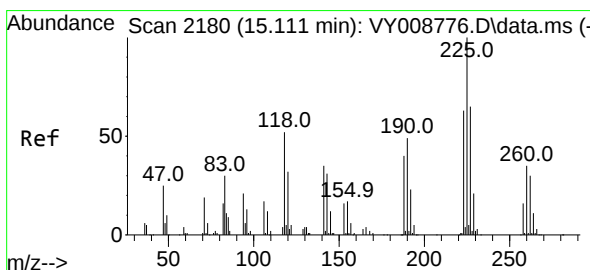
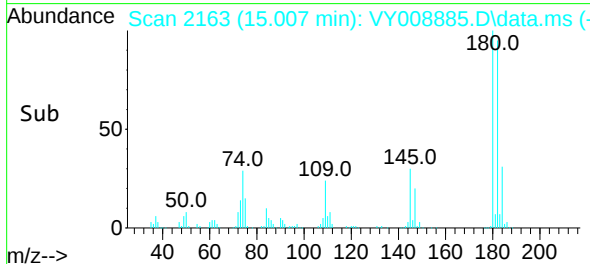
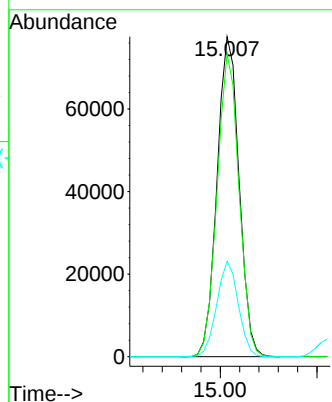
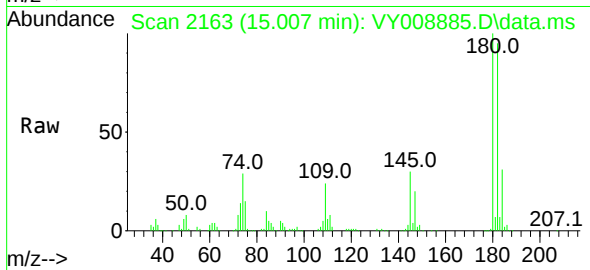
Tgt Ion:180 Resp: 122094

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 44.498 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

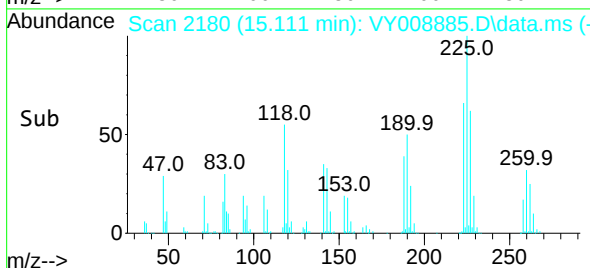
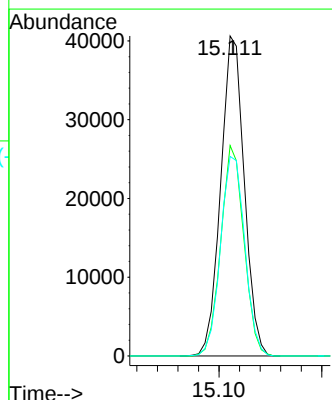
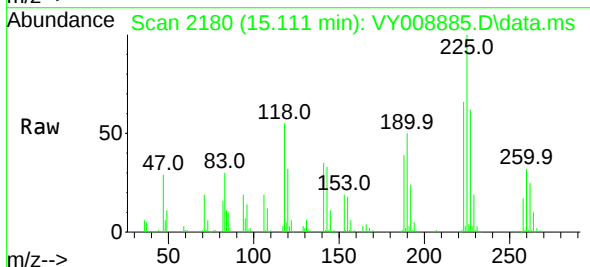
Tgt Ion:225 Resp: 64549

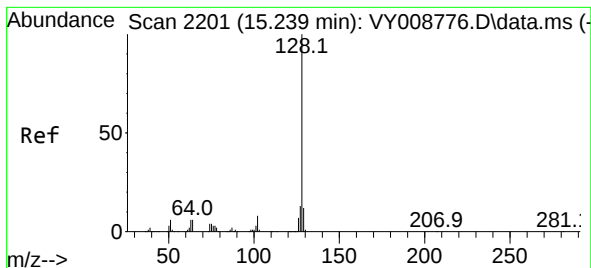
Ion Ratio Lower Upper

225 100

223 64.4 30.8 92.3

227 64.3 31.6 94.7





#95

Naphthalene

Concen: 47.806 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

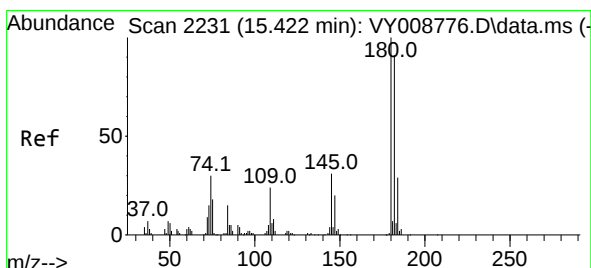
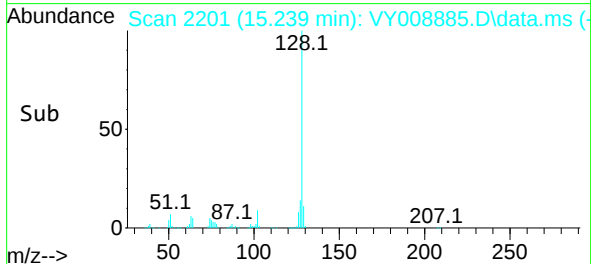
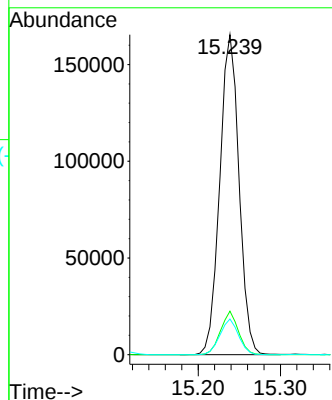
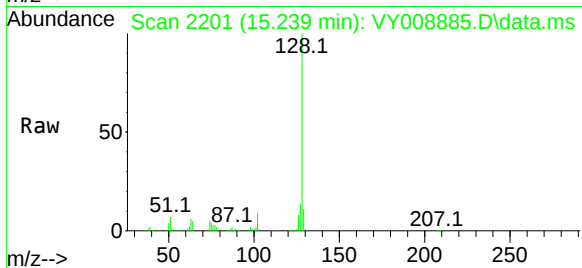
Tgt Ion:128 Resp: 269408

Ion Ratio Lower Upper

128 100

127 12.6 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.747 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008885.D

Acq: 19 May 2022 22:43

Tgt Ion:180 Resp: 107952

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 30.8 15.3 45.9

