

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008831.D
 Acq On : 18 May 2022 22:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 03:14:38 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	140548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83586	64.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.220%	
35) Dibromofluoromethane	7.716	113	78778	57.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.680%	
50) Toluene-d8	10.179	98	343930	56.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.760%	
62) 4-Bromofluorobenzene	12.483	95	129955	59.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	45037	51.728	ug/l	100
3) Chloromethane	2.113	50	73399	59.761	ug/l	98
4) Vinyl Chloride	2.247	62	108304	58.116	ug/l	98
5) Bromomethane	2.643	94	99373	61.113	ug/l	98
6) Chloroethane	2.790	64	82858	58.034	ug/l	98
7) Trichlorofluoromethane	3.125	101	101408	54.308	ug/l	96
8) Diethyl Ether	3.527	74	34490	55.385	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	63623	55.442	ug/l	94
10) Methyl Iodide	4.088	142	72649	49.893	ug/l	92
11) Tert butyl alcohol	4.954	59	32603	226.245	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	57847	48.505	ug/l #	80
13) Acrolein	3.729	56	9125	128.002	ug/l	100
14) Allyl chloride	4.479	41	90388	51.526	ug/l #	89
15) Acrylonitrile	5.161	53	100476	237.934	ug/l	98
16) Acetone	3.942	43	73002	251.085	ug/l	96
17) Carbon Disulfide	4.192	76	156006	51.080	ug/l	100
18) Methyl Acetate	4.472	43	44599	47.968	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	193336	60.193	ug/l	95
20) Methylene Chloride	4.710	84	80318	61.240	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	73589	50.324	ug/l	87
22) Diisopropyl ether	6.118	45	236862	63.758	ug/l #	96
23) Vinyl Acetate	6.057	43	803804	306.867	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	134548	54.581	ug/l	98
25) 2-Butanone	6.984	43	136363	249.209	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	117586	50.187	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	90939	56.070	ug/l	87
28) Bromochloromethane	7.332	49	54660	58.487	ug/l #	87
29) Tetrahydrofuran	7.344	42	91008	249.673	ug/l #	85
30) Chloroform	7.502	83	149385	56.522	ug/l	100
31) Cyclohexane	7.783	56	113177	55.277	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	133755	54.584	ug/l	98
36) 1,1-Dichloropropene	7.917	75	110917	50.847	ug/l	98
37) Ethyl Acetate	7.069	43	62637	48.185	ug/l #	94
38) Carbon Tetrachloride	7.899	117	119364	51.058	ug/l	98
39) Methylcyclohexane	9.185	83	138323	53.470	ug/l	89
40) Benzene	8.161	78	333823	54.691	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	87274	127.663	ug/l #	18
42) 1,2-Dichloroethane	8.234	62	101758	56.794	ug/l	91
43) Isopropyl Acetate	8.271	43	123418	57.032	ug/l #	93
44) Trichloroethene	8.941	130	87624	52.774	ug/l	100
45) 1,2-Dichloropropane	9.215	63	86173	59.404	ug/l	97
46) Dibromomethane	9.307	93	53733	56.371	ug/l	95
47) Bromodichloromethane	9.496	83	126668	59.943	ug/l	99
48) Methyl methacrylate	9.289	41	54086	56.921	ug/l #	83
49) 1,4-Dioxane	9.295	88	13391	935.287	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	358624	280.719	ug/l	90
52) Toluene	10.246	92	249452	60.144	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	136765	62.310	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	139191	58.808	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	80694	62.253	ug/l	97
56) Ethyl methacrylate	10.508	69	105300	66.957	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	128819	60.440	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	220232	274.623	ug/l	95
59) 2-Hexanone	10.831	43	255058	279.425	ug/l	89
60) Dibromochloromethane	10.983	129	99127	63.703	ug/l	100
61) 1,2-Dibromoethane	11.087	107	76351	59.066	ug/l	99
64) Tetrachloroethene	10.721	164	76134	47.907	ug/l	97
65) Chlorobenzene	11.514	112	269215	53.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	104479	56.916	ug/l	97
67) Ethyl Benzene	11.593	91	496648	55.349	ug/l	96
68) m/p-Xylenes	11.703	106	415815	116.321	ug/l	91
69) o-Xylene	12.032	106	196962	59.631	ug/l	89
70) Styrene	12.044	104	345999	61.881	ug/l	95
71) Bromoform	12.209	173	71702	57.540	ug/l #	98
73) Isopropylbenzene	12.331	105	535765	49.656	ug/l	100
74) N-amyl acetate	12.142	43	137029	53.207	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	112496	46.899	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	140802	77.480	ug/l #	100
77) Bromobenzene	12.611	156	123558	49.422	ug/l	95
78) n-propylbenzene	12.672	91	663410	50.050	ug/l	99
79) 2-Chlorotoluene	12.758	91	365890	50.964	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	467544	53.670	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37418	45.037	ug/l	86
82) 4-Chlorotoluene	12.855	91	406555	53.603	ug/l	97
83) tert-Butylbenzene	13.075	119	417232	53.256	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	473906	54.951	ug/l	97
85) sec-Butylbenzene	13.251	105	651386	53.291	ug/l	100
86) p-Isopropyltoluene	13.373	119	545557	54.738	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	277930	52.908	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	276856	53.283	ug/l	99
89) n-Butylbenzene	13.696	91	491551	51.959	ug/l	99
90) Hexachloroethane	13.965	117	98445	52.243	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	249102	54.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16840	41.060	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	128738	51.320	ug/l	99
94) Hexachlorobutadiene	15.111	225	69245	47.970	ug/l	99
95) Naphthalene	15.239	128	274528	48.954	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113798	51.640	ug/l	99

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QLast Update : Wed May 18 07:32:50 2022
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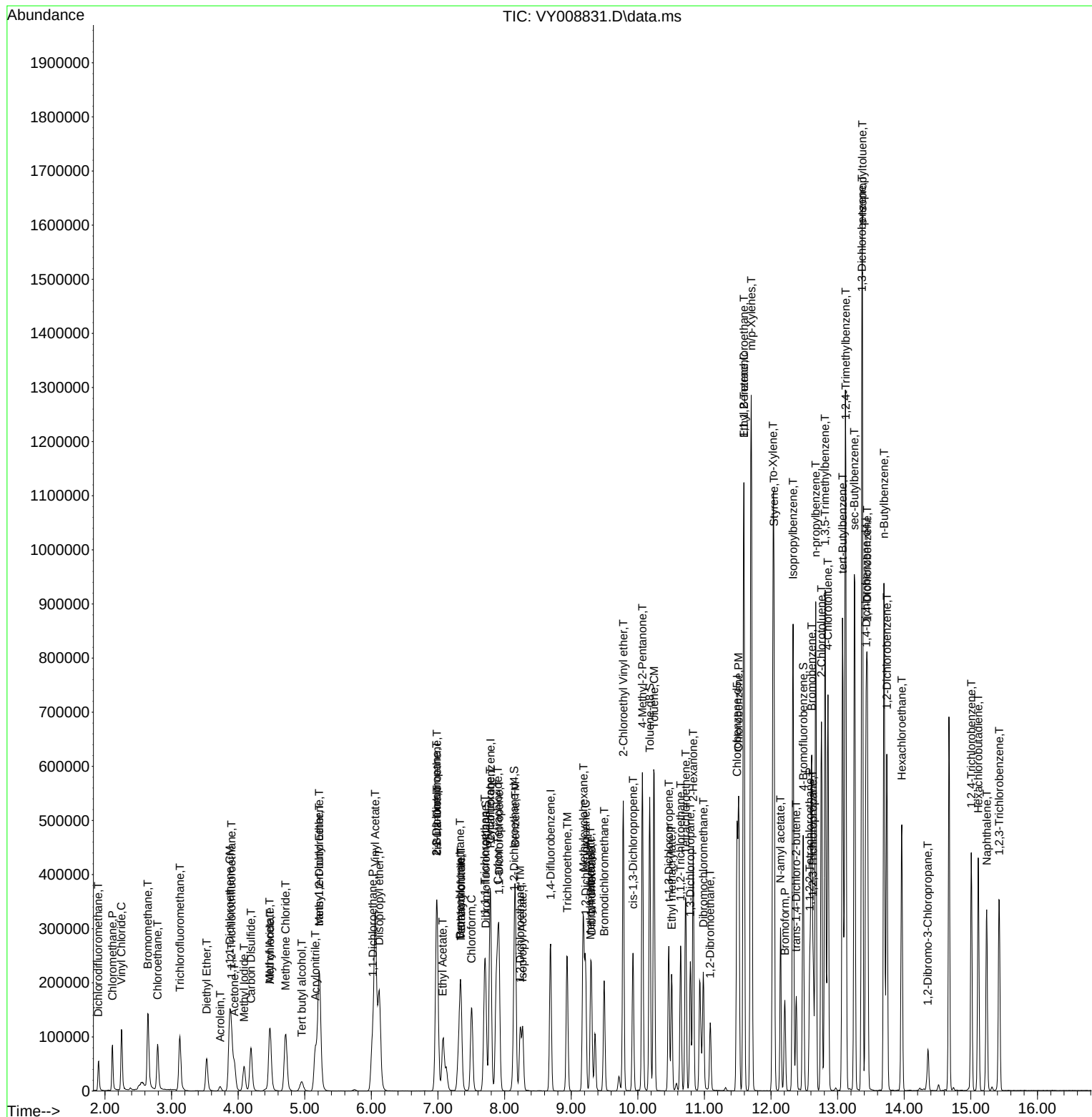
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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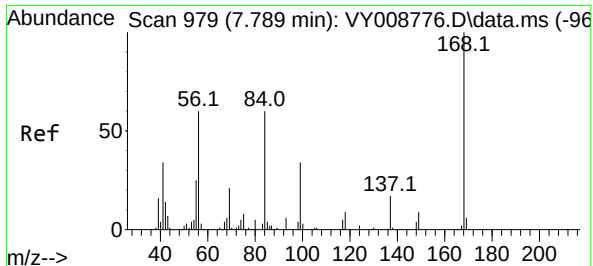
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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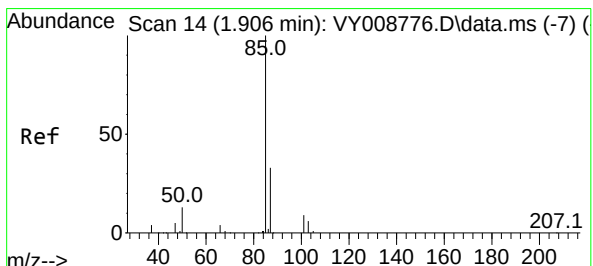
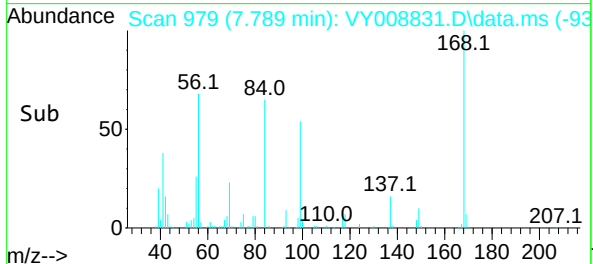
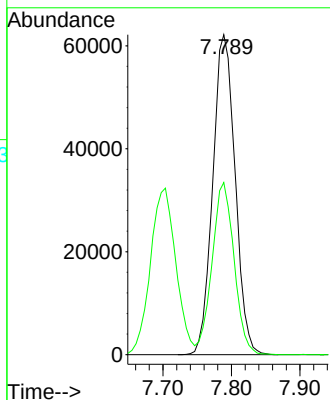
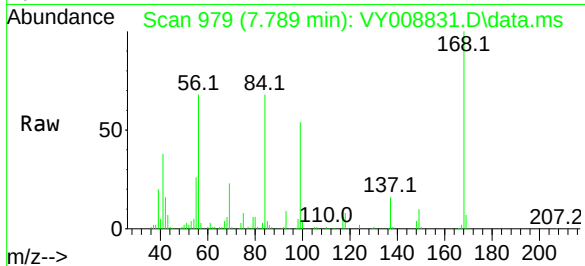




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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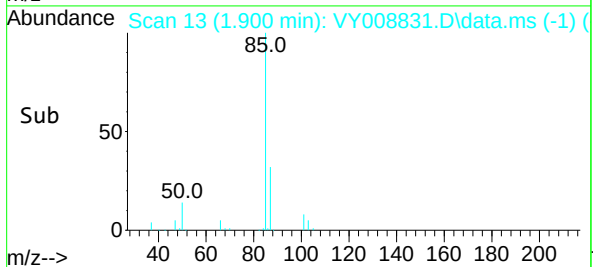
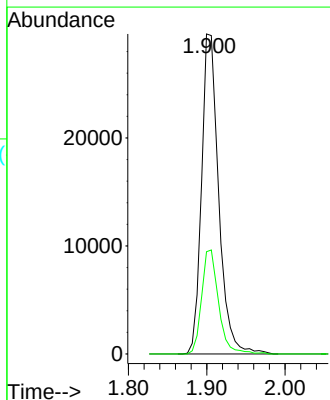
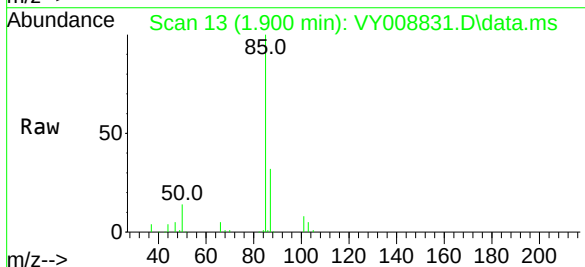
Instrument :
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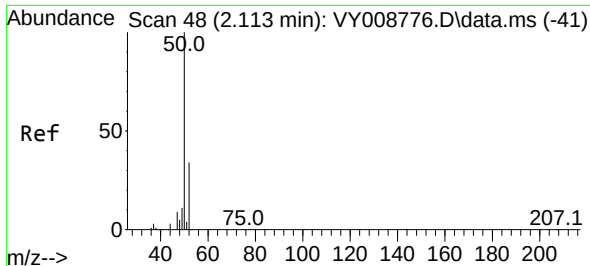
Tgt Ion:168 Resp: 140548
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 51.728 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 85 Resp: 45037
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

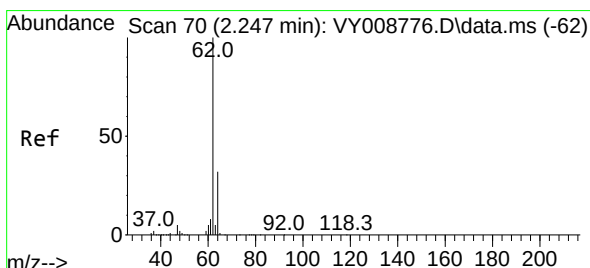
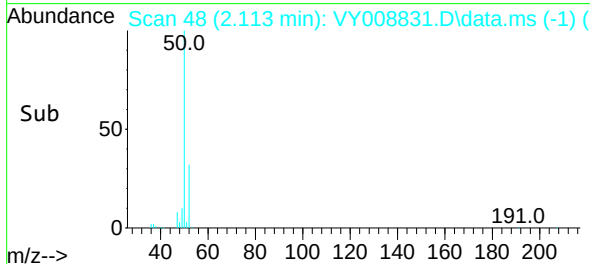
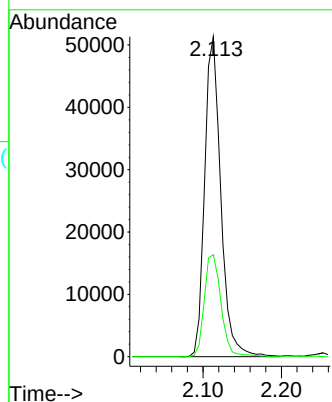
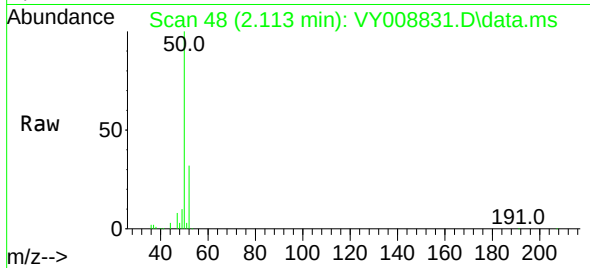




#3
Chloromethane
Concen: 59.761 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

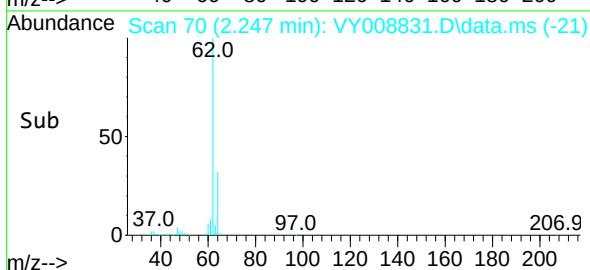
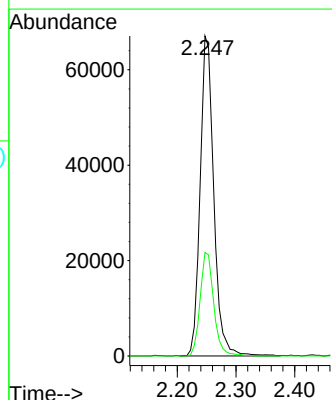
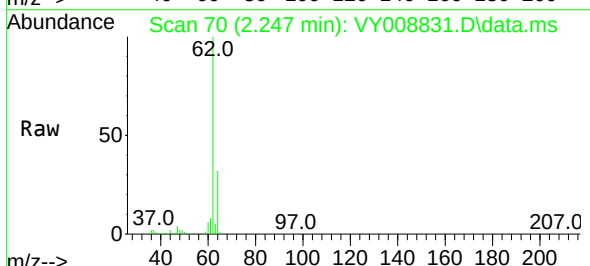
Instrument :
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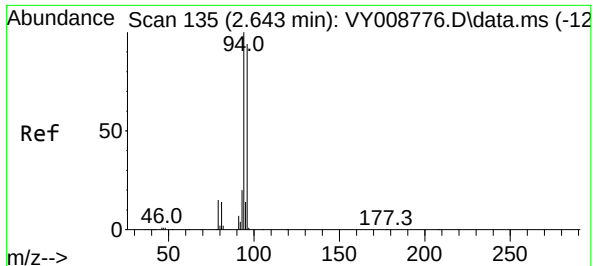
Tgt Ion: 50 Resp: 73399
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0



#4
Vinyl Chloride
Concen: 58.116 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 62 Resp: 108304
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.6

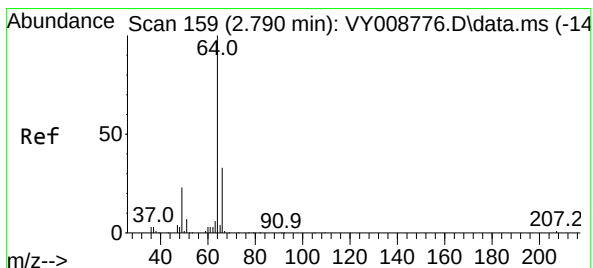
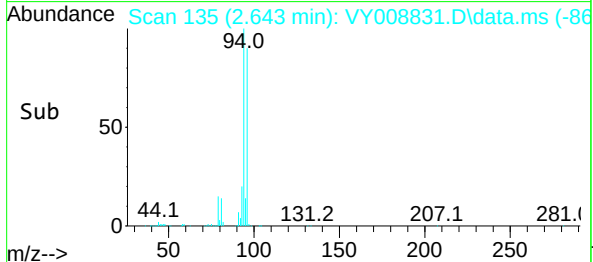
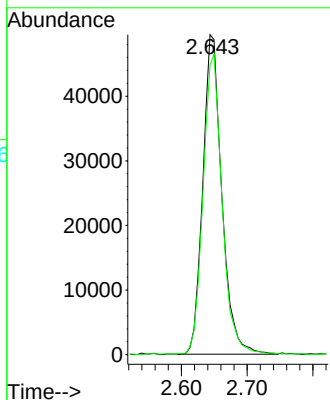
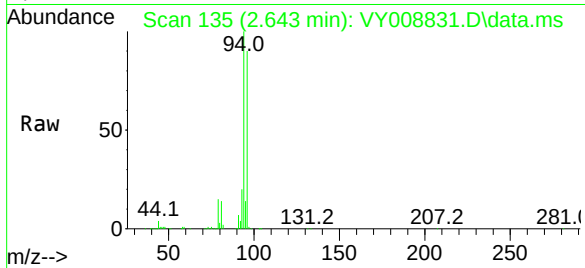




#5
Bromomethane
Concen: 61.113 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008831.D
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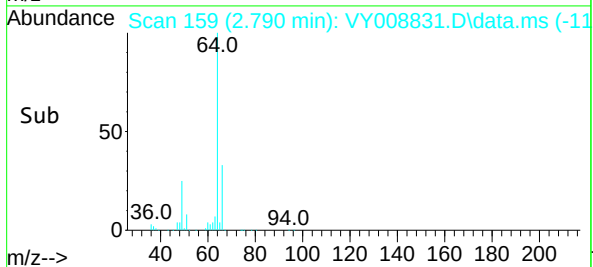
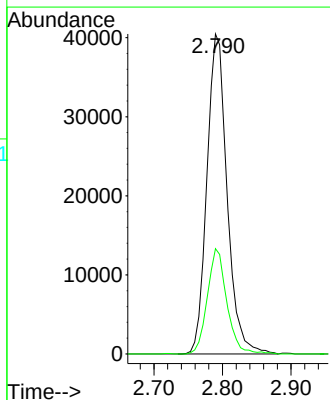
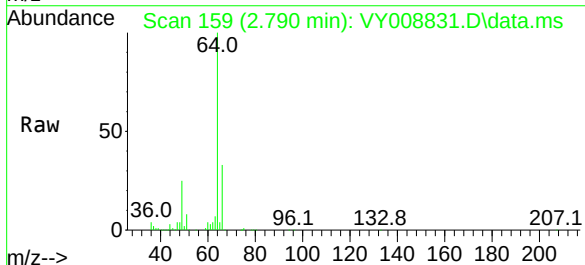
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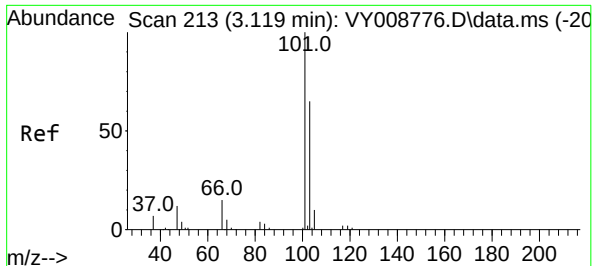
Tgt Ion: 94 Resp: 99373
Ion Ratio Lower Upper
94 100
96 90.3 73.5 110.3



#6
Chloroethane
Concen: 58.034 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 82858
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.0

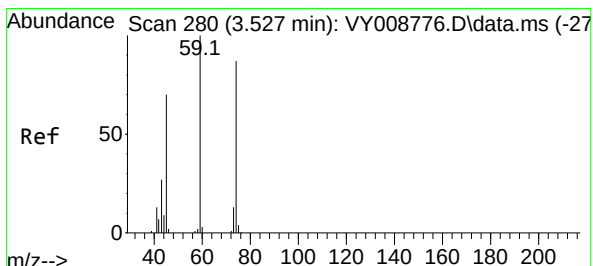
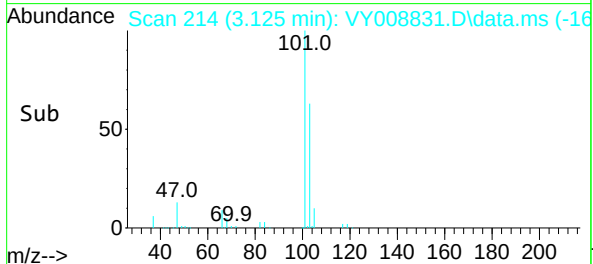
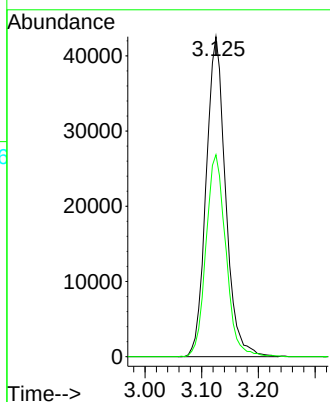
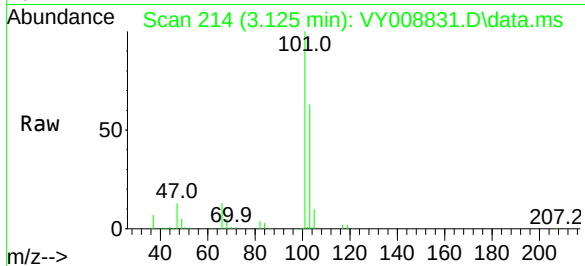




#7
Trichlorofluoromethane
Concen: 54.308 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

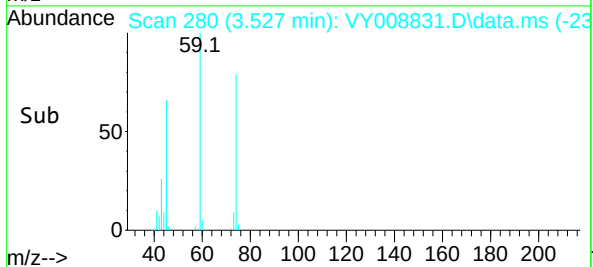
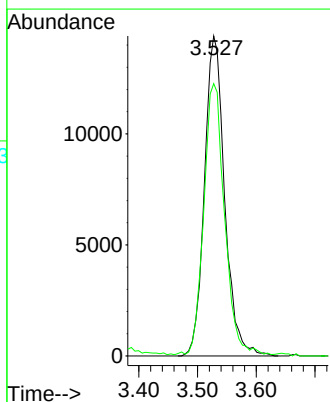
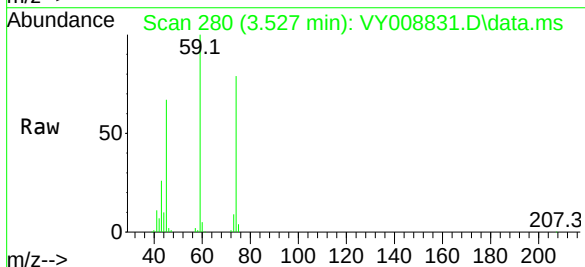
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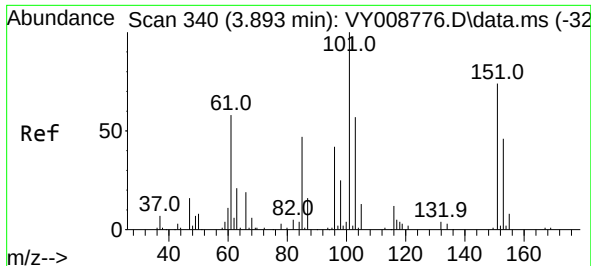
Tgt Ion:101 Resp: 101408
Ion Ratio Lower Upper
101 100
103 63.1 48.0 72.0



#8
Diethyl Ether
Concen: 55.385 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 74 Resp: 34490
Ion Ratio Lower Upper
74 100
45 87.3 55.1 165.5

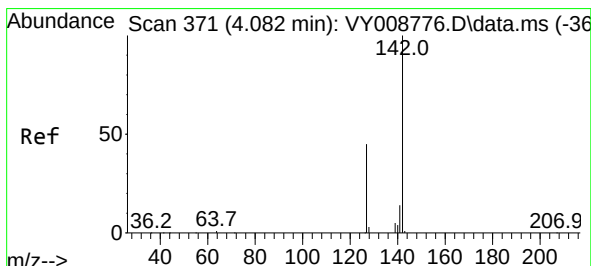
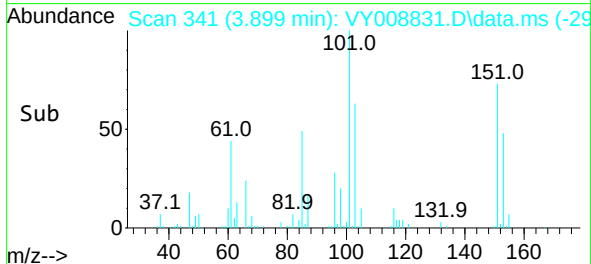
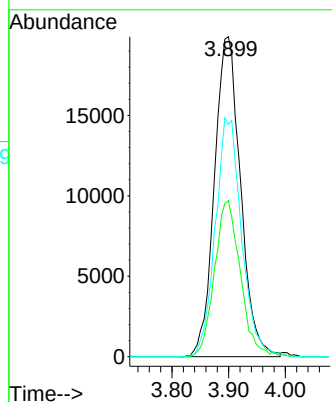
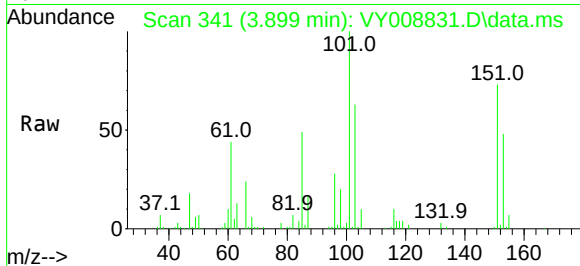




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.442 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

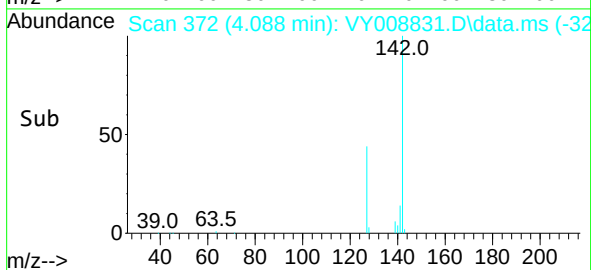
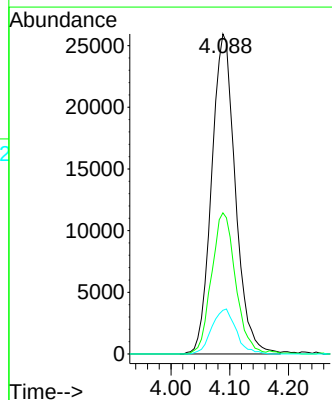
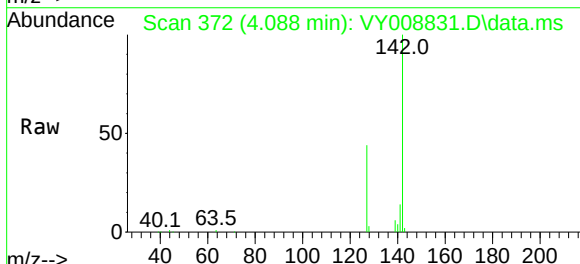
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

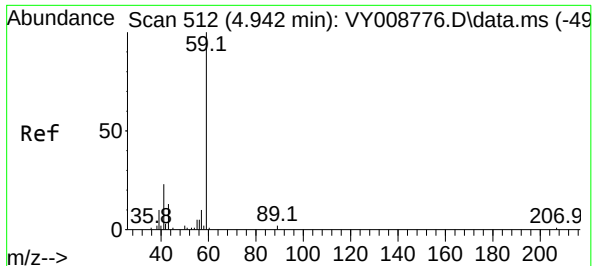
Tgt Ion:101 Resp: 63623
Ion Ratio Lower Upper
101 100
85 48.2 40.6 60.8
151 75.1 64.9 97.3



#10
Methyl Iodide
Concen: 49.893 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion:142 Resp: 72649
Ion Ratio Lower Upper
142 100
127 44.7 41.5 62.3
141 14.4 11.9 17.9

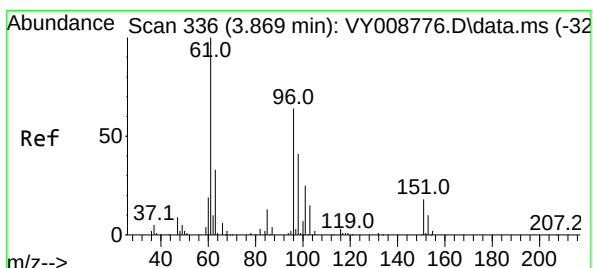
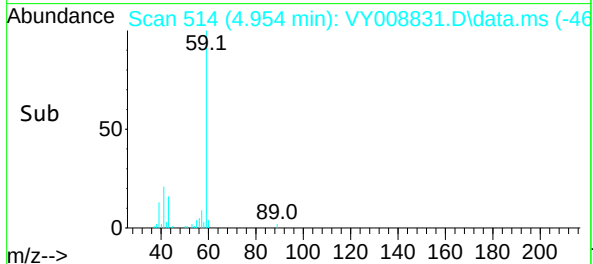
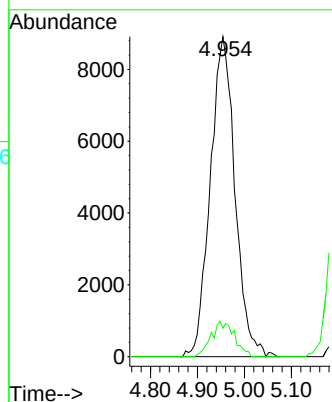
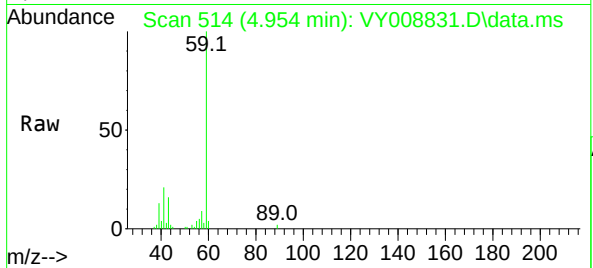




#11
Tert butyl alcohol
Concen: 226.245 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

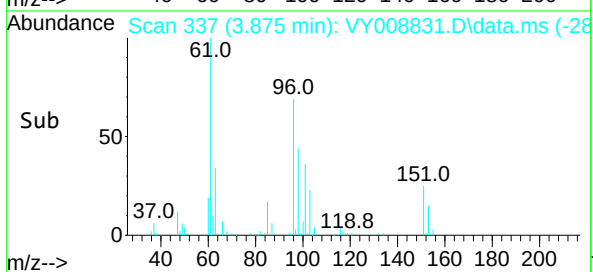
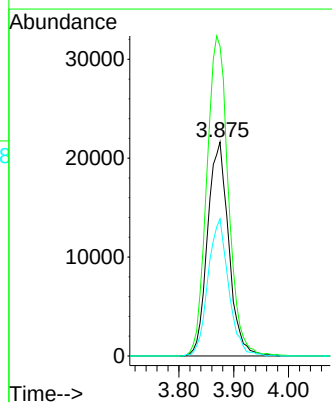
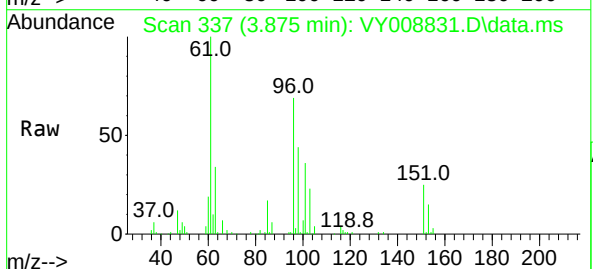
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

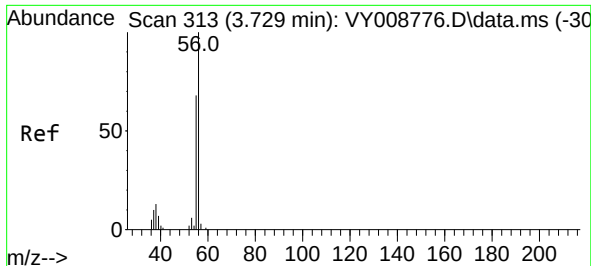
Tgt Ion: 59 Resp: 32603
Ion Ratio Lower Upper
59 100
57 10.4 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.505 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

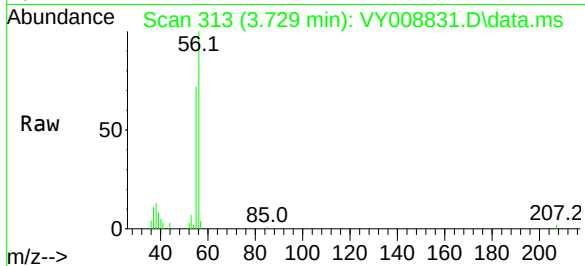
Tgt Ion: 96 Resp: 57847
Ion Ratio Lower Upper
96 100
61 144.8 145.8 218.6#
98 64.1 52.5 78.7



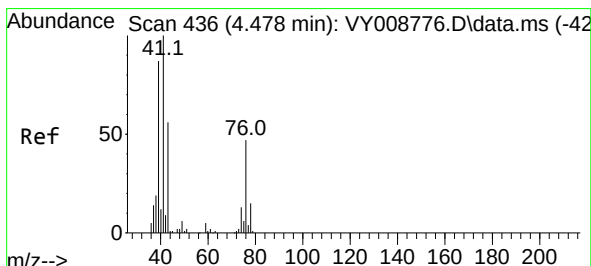
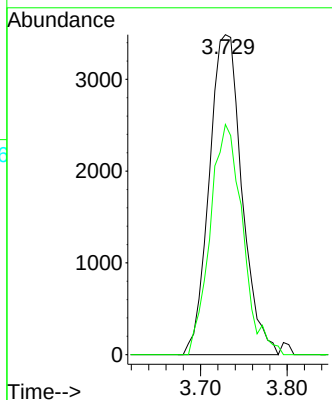
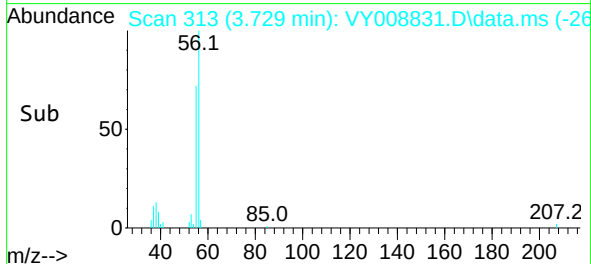


#13
Acrolein
Concen: 128.002 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

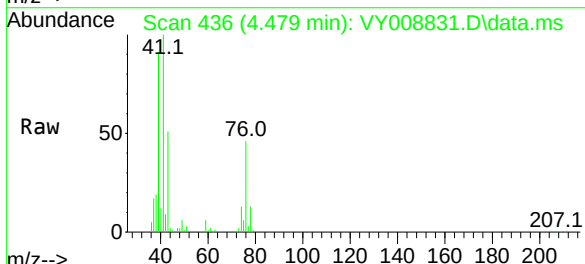
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



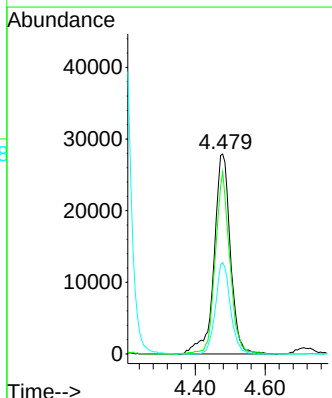
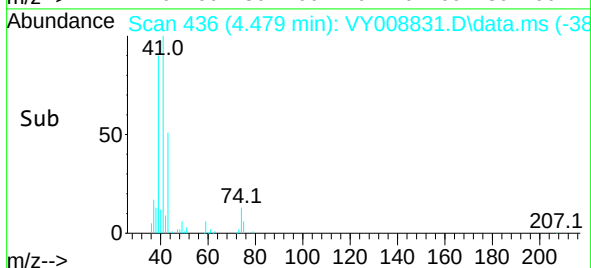
Tgt Ion: 56 Resp: 9125
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4

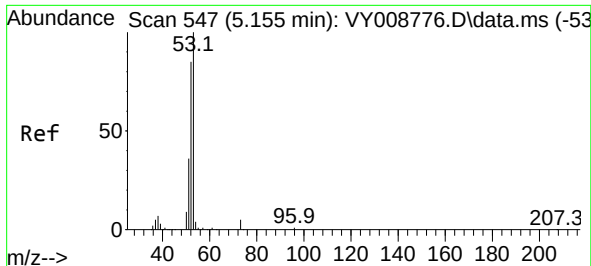


#14
Allyl chloride
Concen: 51.526 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16



Tgt Ion: 41 Resp: 90388
Ion Ratio Lower Upper
41 100
39 80.6 58.8 88.2
76 41.5 25.1 37.7#

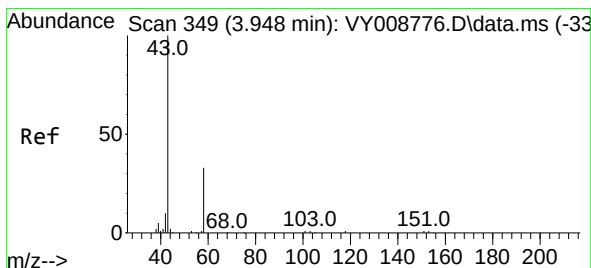
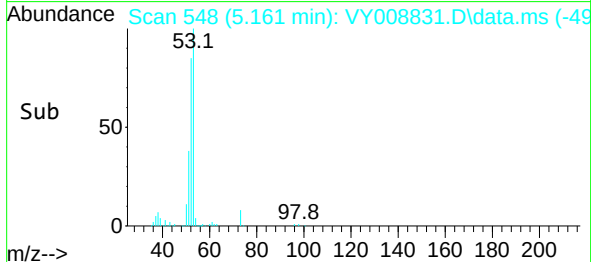
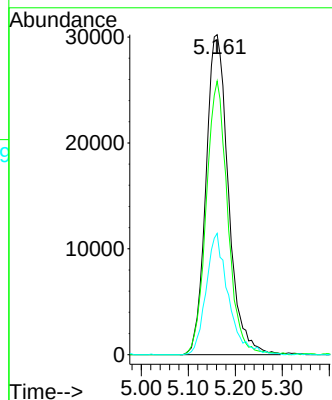
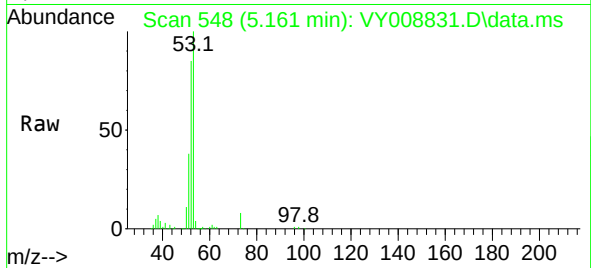




#15
Acrylonitrile
Concen: 237.934 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

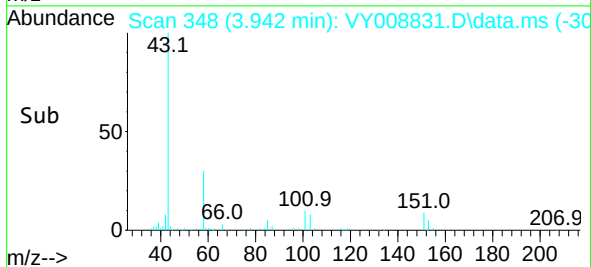
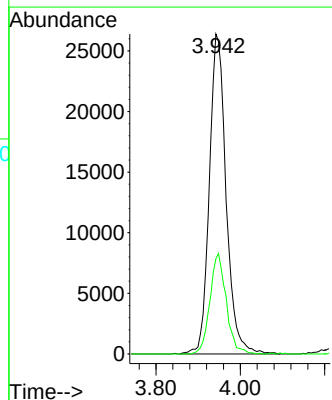
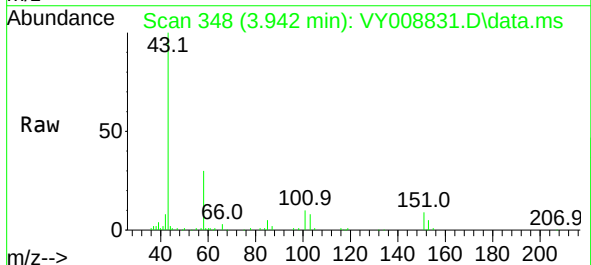
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

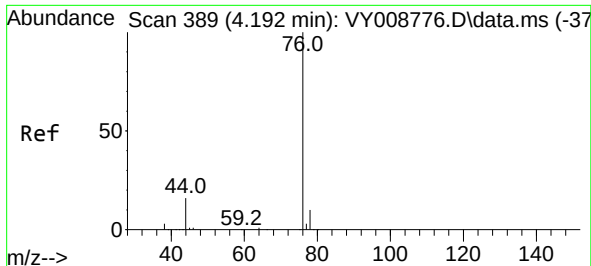
Tgt Ion: 53 Resp: 100476
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.4
51 37.6 29.8 44.6



#16
Acetone
Concen: 251.085 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 43 Resp: 73002
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0

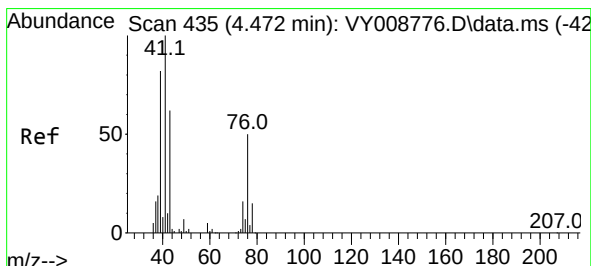
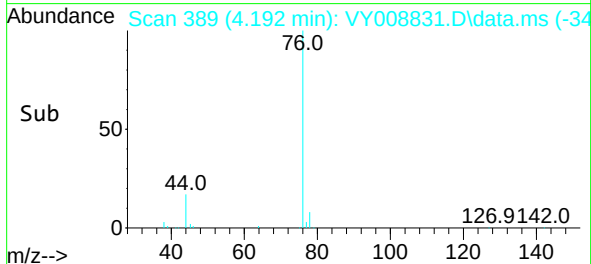
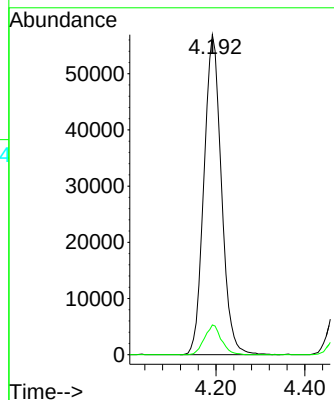
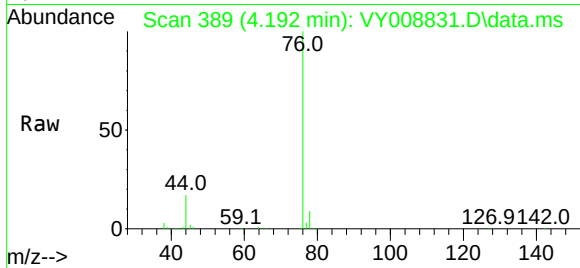




#17
Carbon Disulfide
Concen: 51.080 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

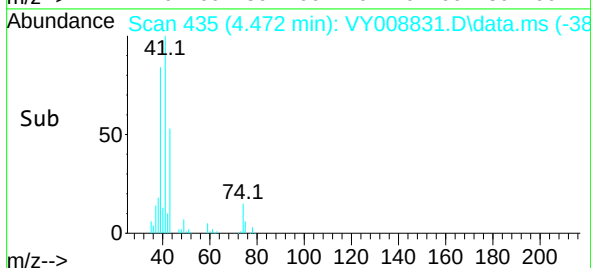
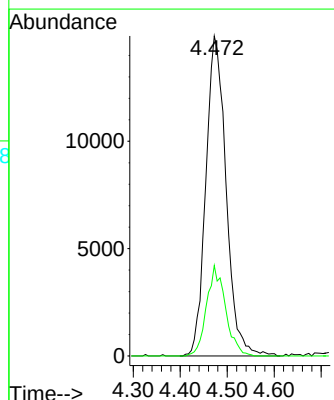
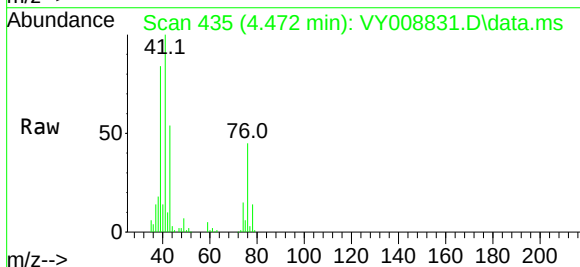
Instrument :
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ClientSampleId :
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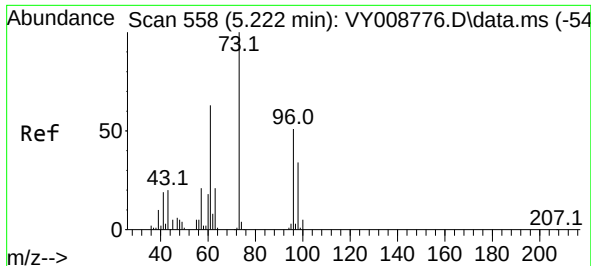
Tgt Ion: 76 Resp: 156006
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 47.968 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 43 Resp: 44599
Ion Ratio Lower Upper
43 100
74 26.4 16.6 24.8#

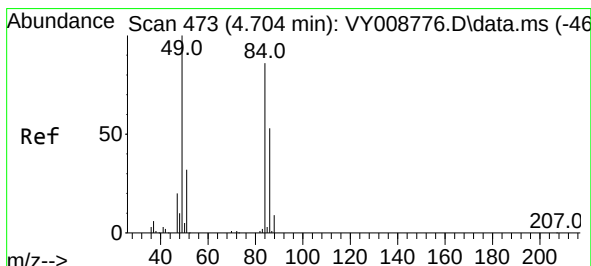
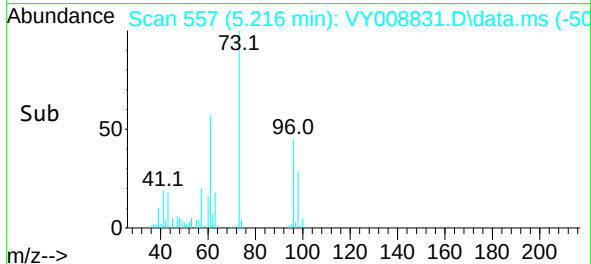
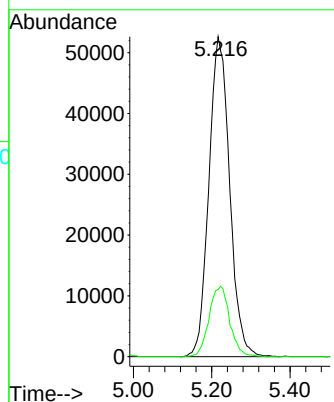
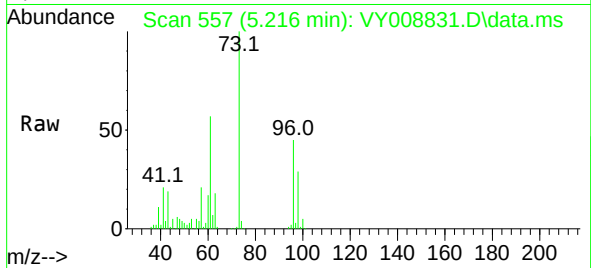




#19
Methyl tert-butyl Ether
Concen: 60.193 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

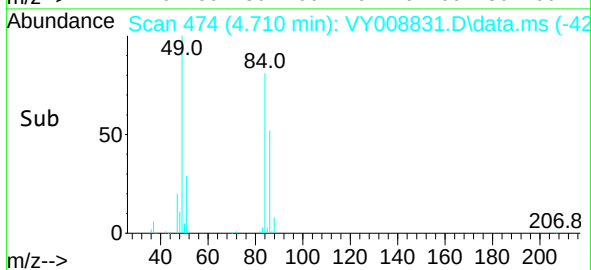
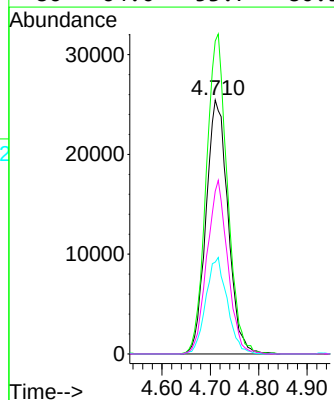
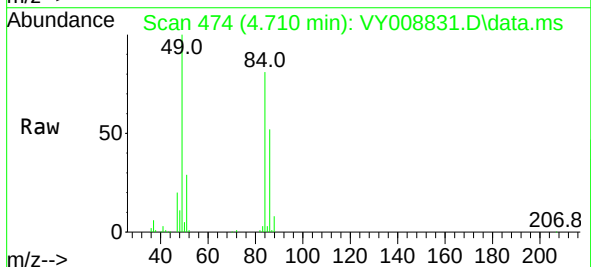
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

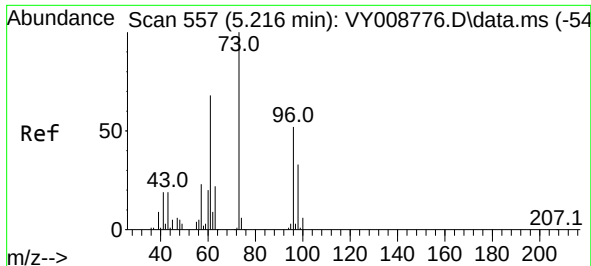
Tgt Ion: 73 Resp: 193336
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8



#20
Methylene Chloride
Concen: 61.240 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 84 Resp: 80318
Ion Ratio Lower Upper
84 100
49 123.2 114.4 171.6
51 36.2 35.3 52.9
86 64.0 53.7 80.5

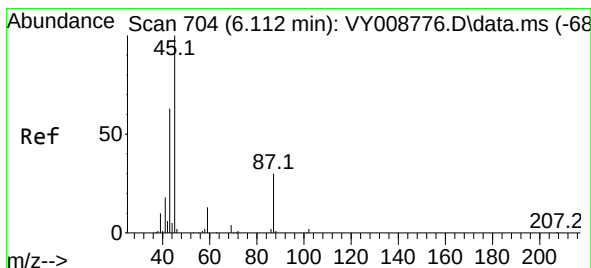
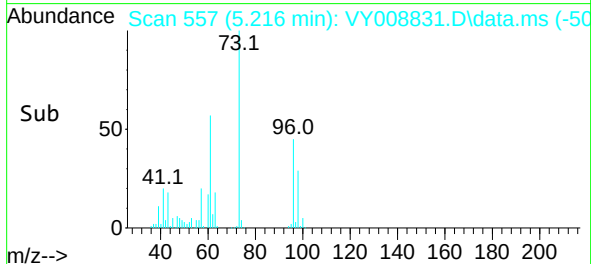
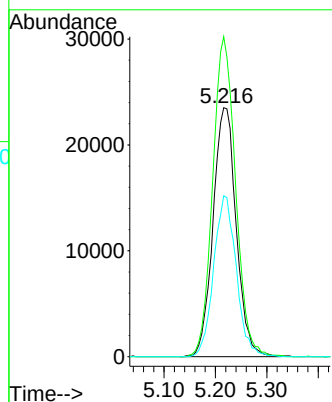
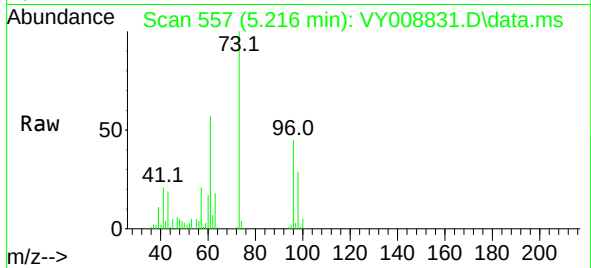




#21
trans-1,2-Dichloroethene
Concen: 50.324 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

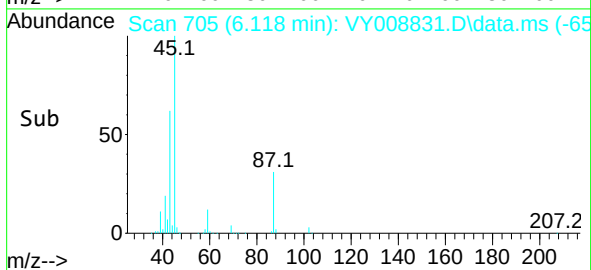
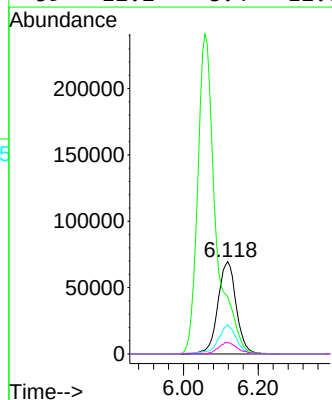
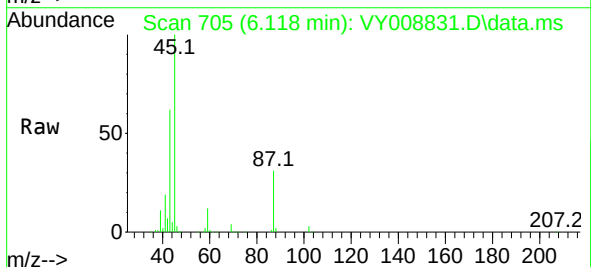
Instrument :
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ClientSampleId :
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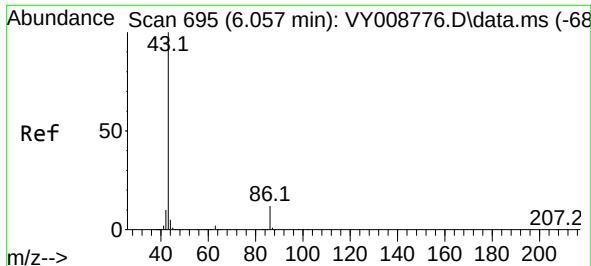
Tgt Ion: 96 Resp: 73589
Ion Ratio Lower Upper
96 100
61 128.5 120.5 180.7
98 64.6 49.8 74.8



#22
Diisopropyl ether
Concen: 63.758 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 45 Resp: 236862
Ion Ratio Lower Upper
45 100
43 61.7 49.3 73.9
87 31.5 19.2 28.8#
59 12.2 8.4 12.6

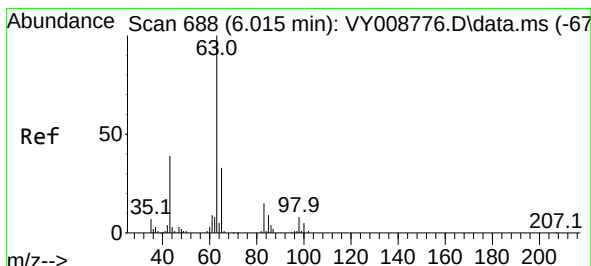
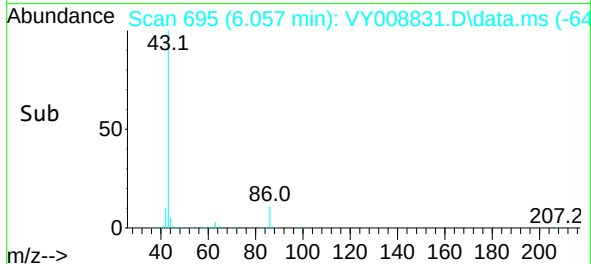
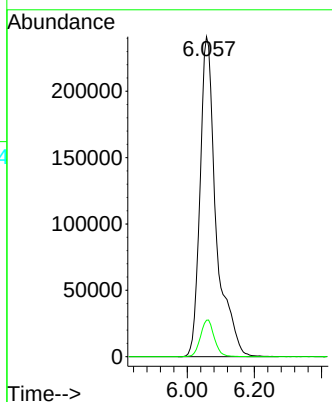
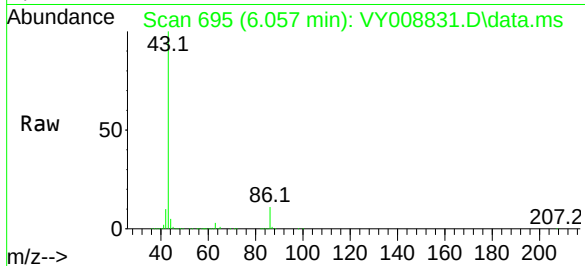




#23
 Vinyl Acetate
 Concen: 306.867 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

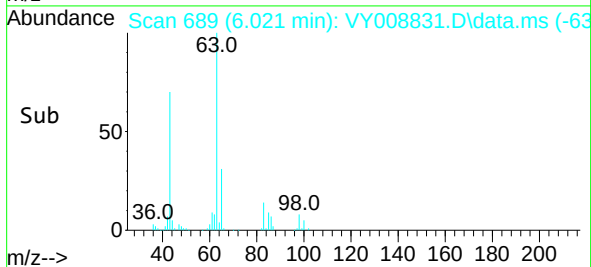
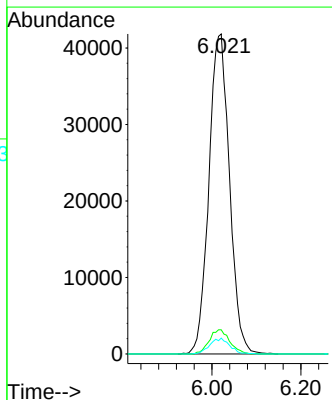
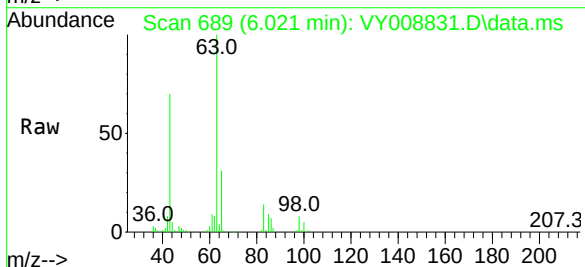
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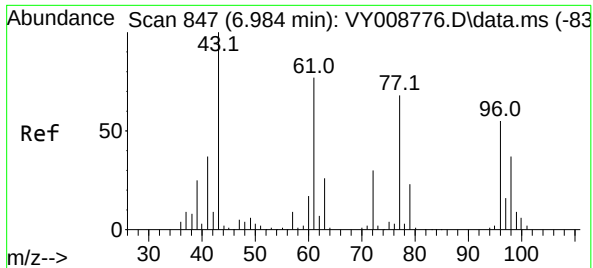
Tgt Ion: 43 Resp: 803804
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.581 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

Tgt Ion: 63 Resp: 134548
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.9 2.0 5.8

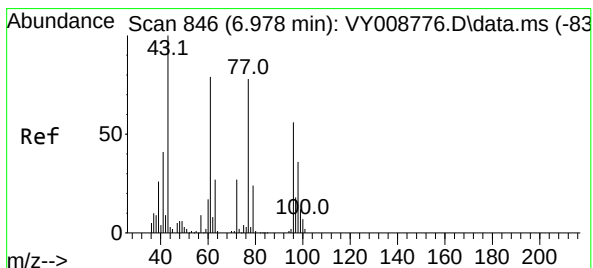
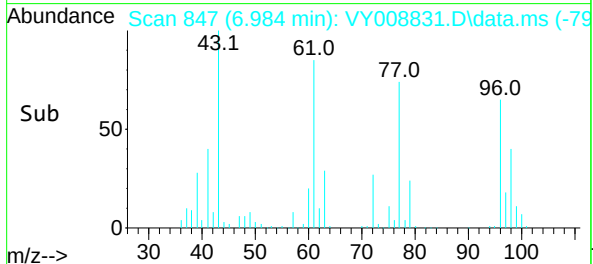
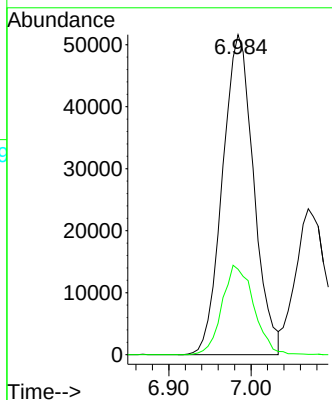
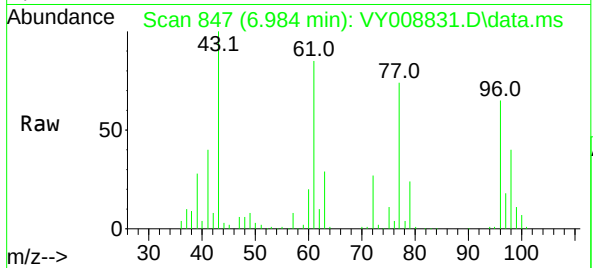




#25
2-Butanone
Concen: 249.209 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

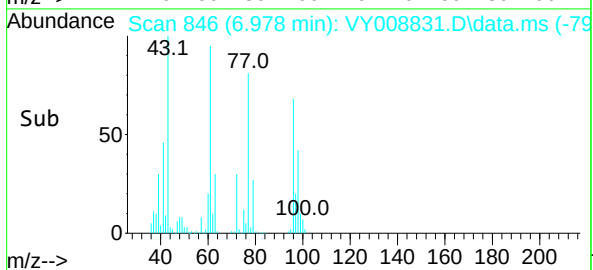
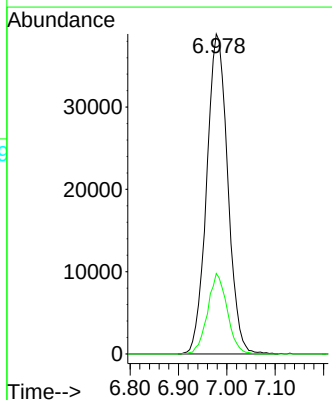
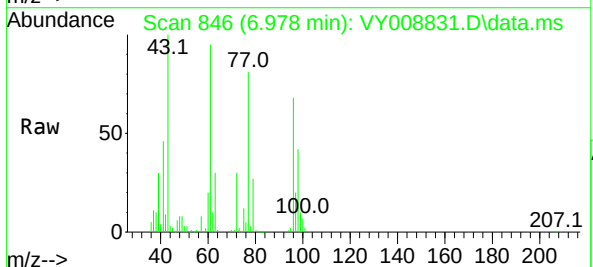
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ClientSampleId :
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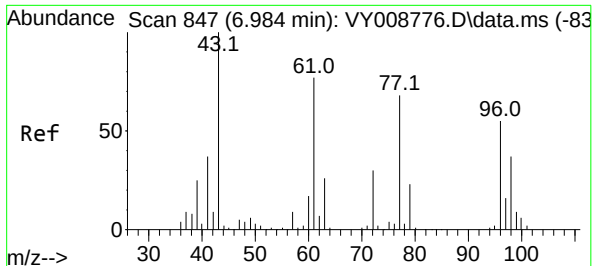
Tgt Ion: 43 Resp: 136363
Ion Ratio Lower Upper
43 100
72 26.7 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 50.187 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 77 Resp: 117586
Ion Ratio Lower Upper
77 100
97 23.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 56.070 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

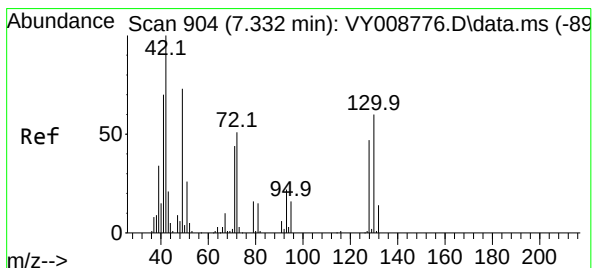
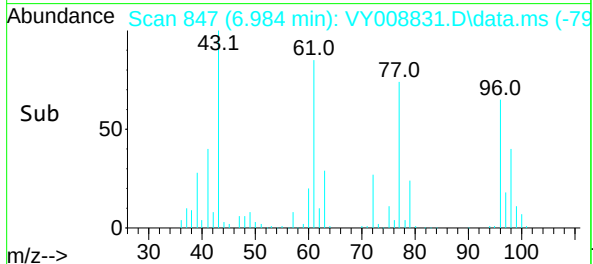
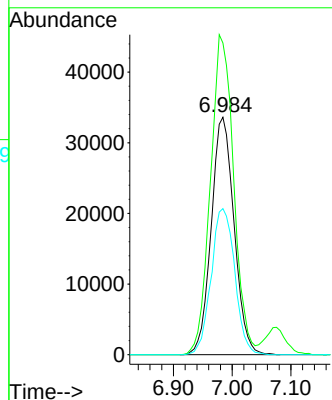
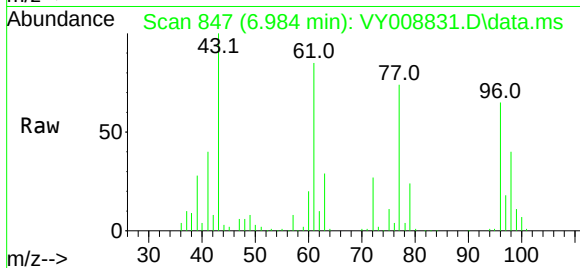
Tgt Ion: 96 Resp: 90939

Ion Ratio Lower Upper

96 100

61 136.6 0.0 319.8

98 63.5 0.0 127.0



#28

Bromochloromethane

Concen: 58.487 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

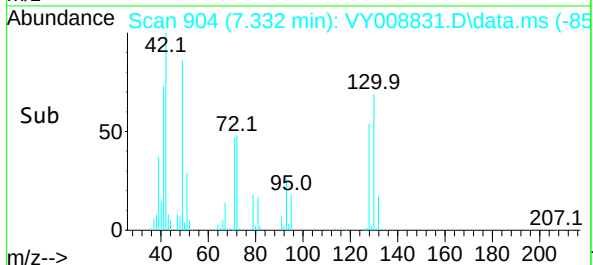
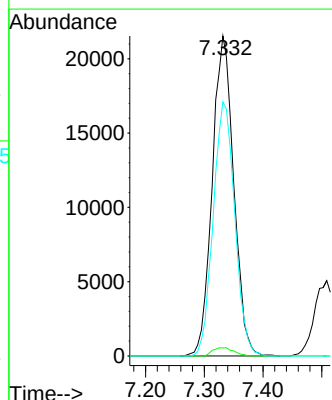
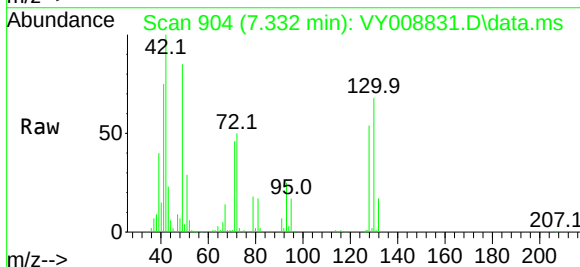
Tgt Ion: 49 Resp: 54660

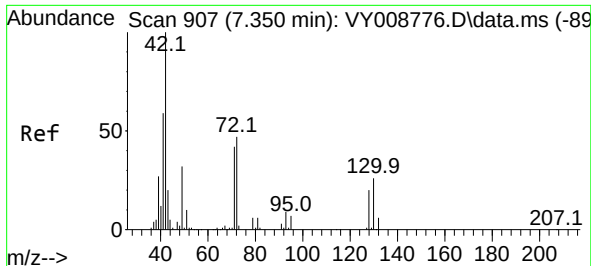
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 79.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 249.673 ug/l

RT: 7.344 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

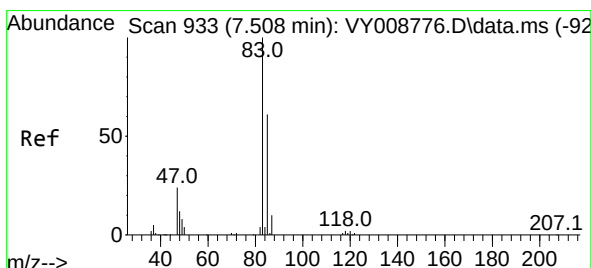
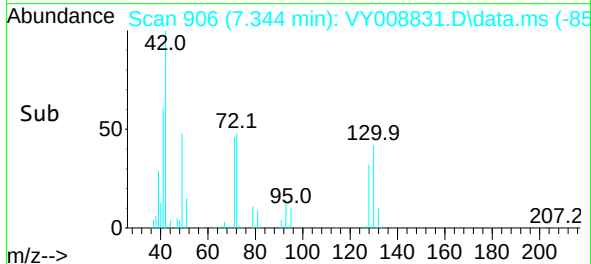
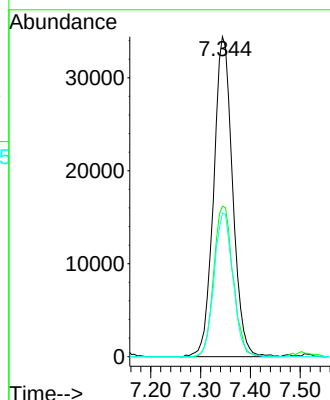
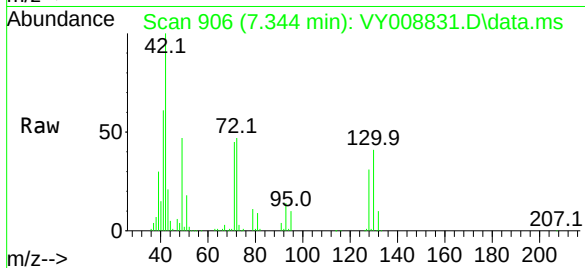
Tgt Ion: 42 Resp: 91008

Ion Ratio Lower Upper

42 100

72 47.7 30.3 45.5#

71 44.7 29.0 43.4#



#30

Chloroform

Concen: 56.522 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008831.D

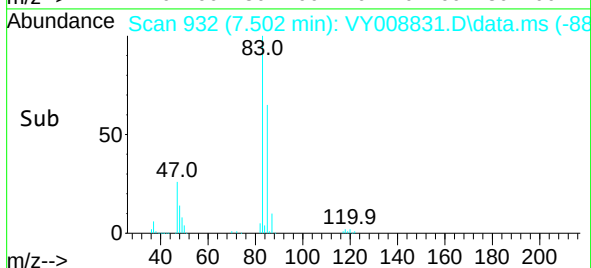
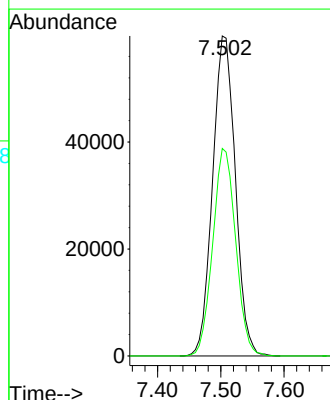
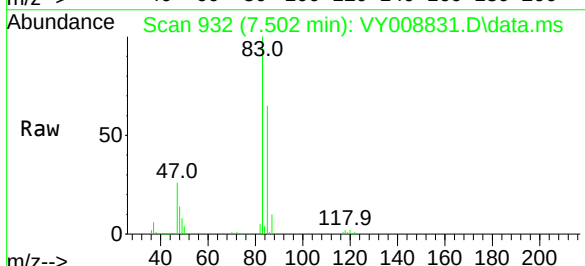
Acq: 18 May 2022 22:16

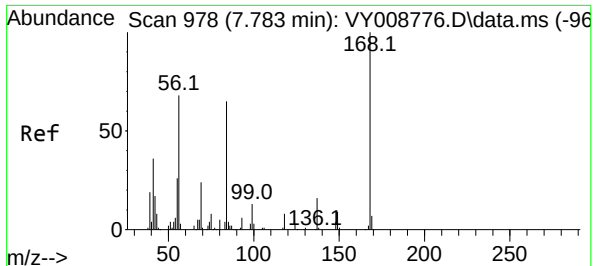
Tgt Ion: 83 Resp: 149385

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

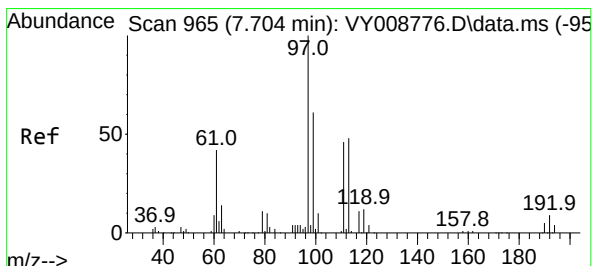
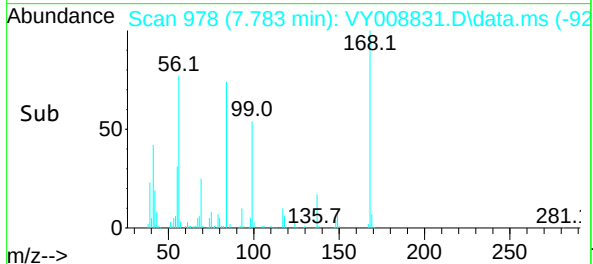
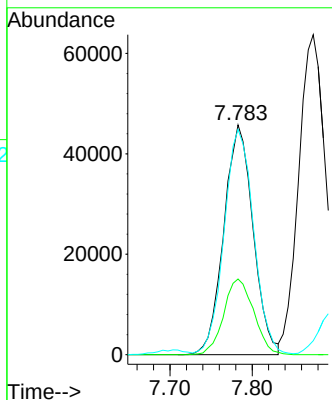
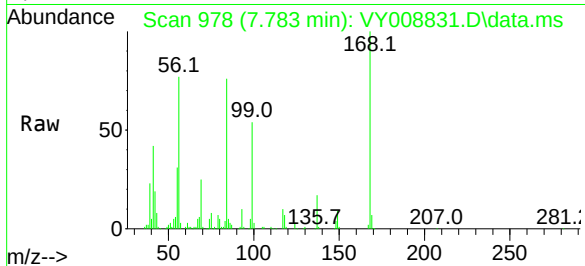




#31
Cyclohexane
Concen: 55.277 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

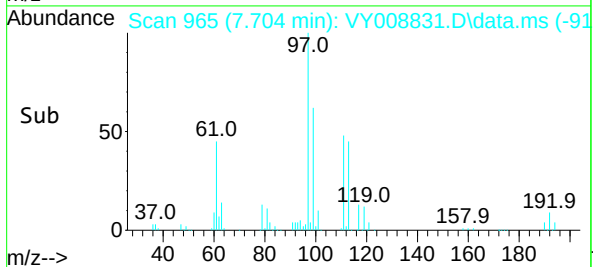
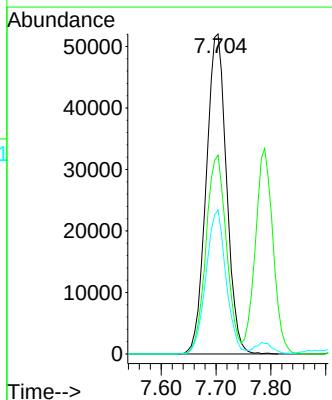
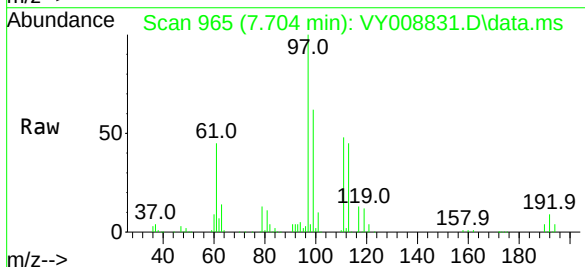
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

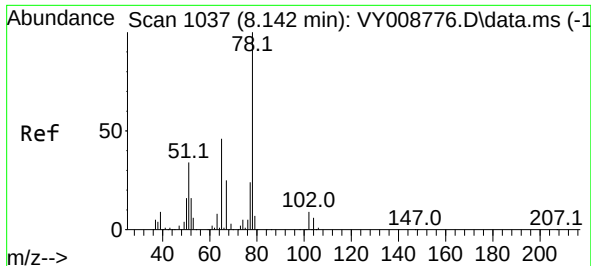
Tgt Ion: 56 Resp: 113177
Ion Ratio Lower Upper
56 100
69 33.0 26.7 40.1
84 96.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 54.584 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 97 Resp: 133755
Ion Ratio Lower Upper
97 100
99 62.7 50.7 76.1
61 44.5 37.6 56.4

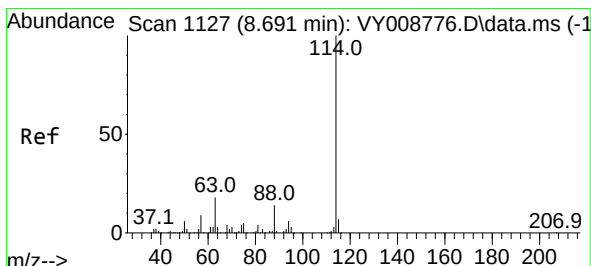
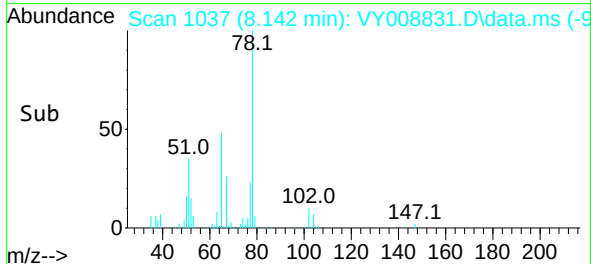
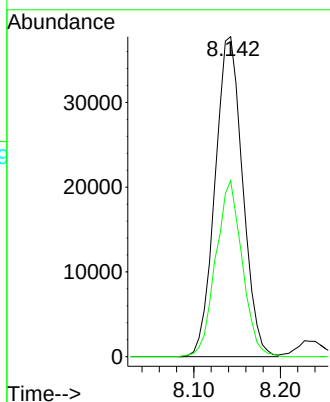
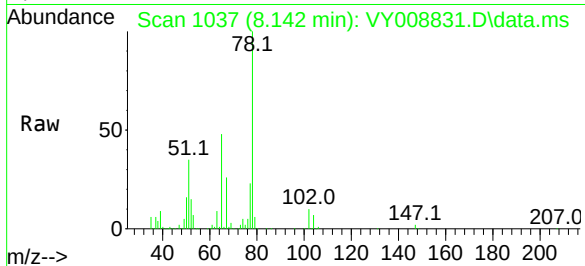




#33
 1,2-Dichloroethane-d4
 Concen: 64.106 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

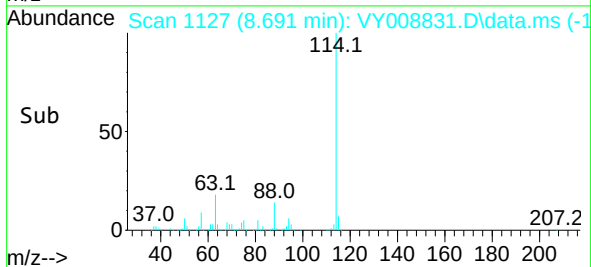
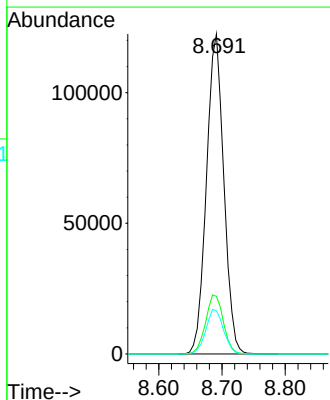
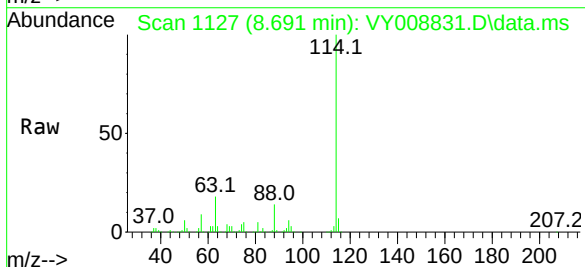
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

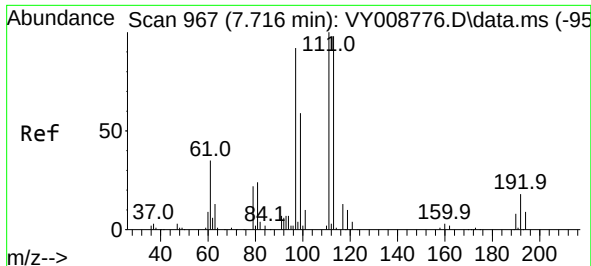
Tgt Ion: 65 Resp: 83586
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

Tgt Ion: 114 Resp: 233107
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.2
 88 13.5 0.0 31.8

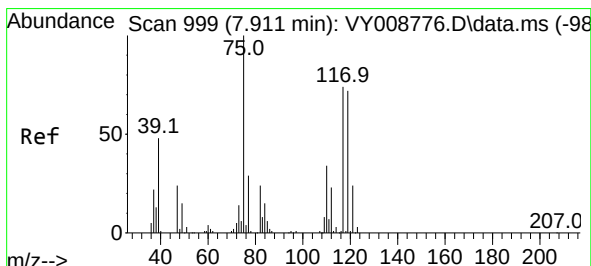
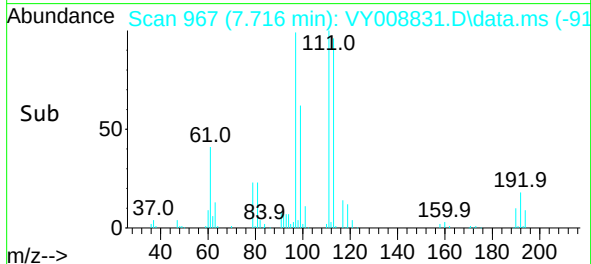
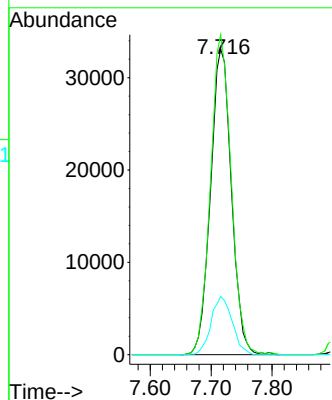
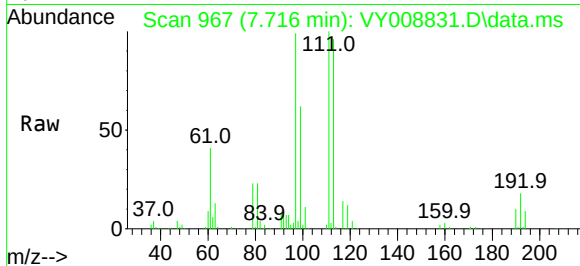




#35
 Dibromofluoromethane
 Concen: 57.840 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

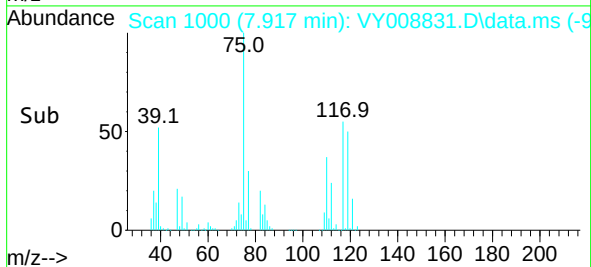
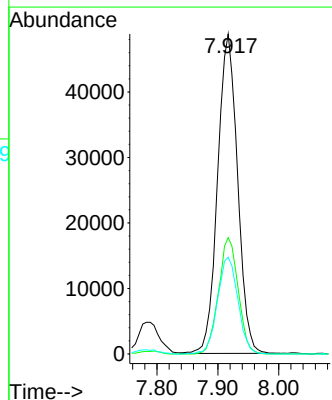
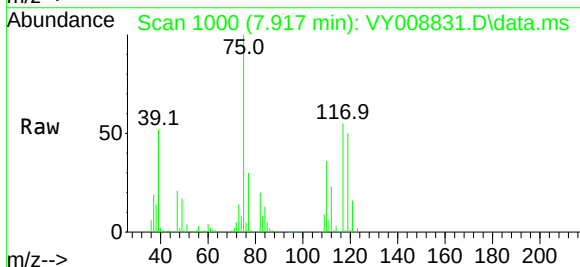
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

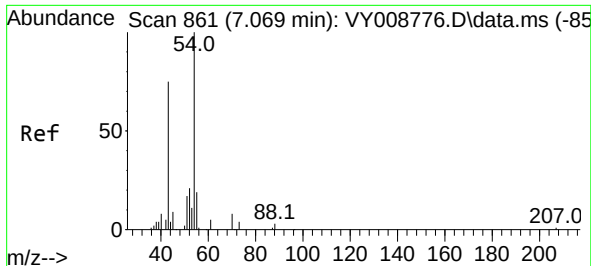
Tgt Ion:113 Resp: 78778
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.6 124.0
 192 19.3 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 50.847 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

Tgt Ion: 75 Resp: 110917
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.1 51.2
 77 31.1 24.4 36.6

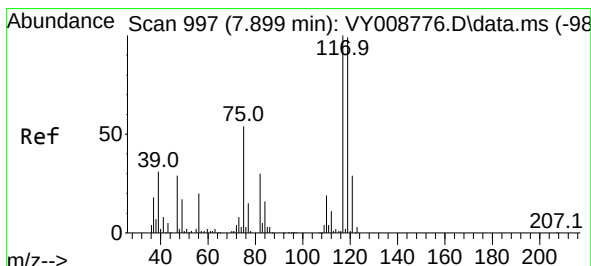
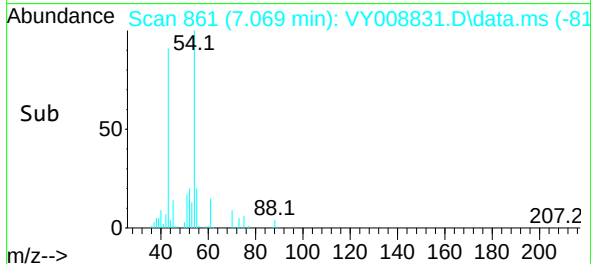
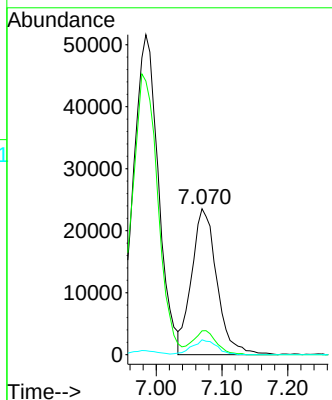
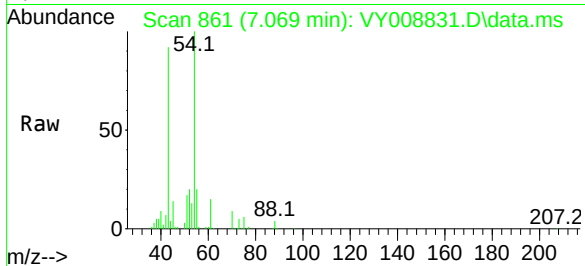




#37
Ethyl Acetate
Concen: 48.185 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

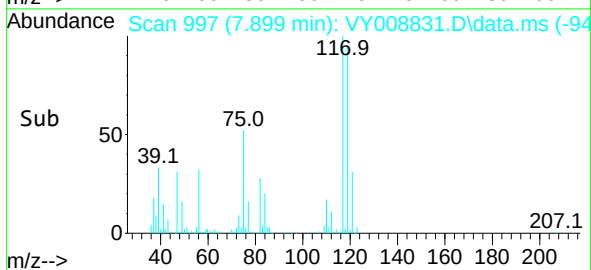
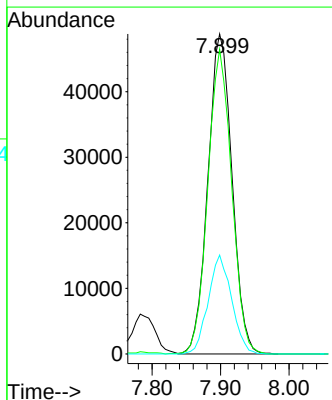
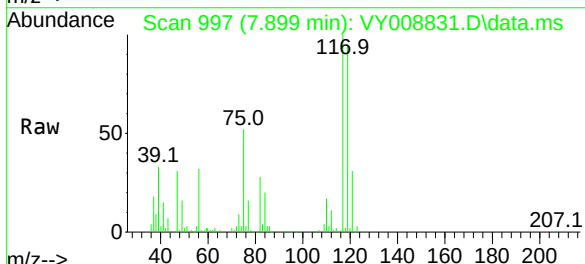
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

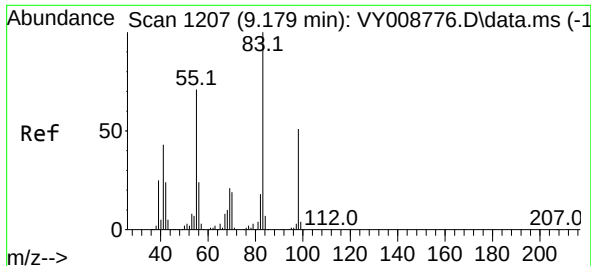
Tgt Ion: 43 Resp: 62637
Ion Ratio Lower Upper
43 100
61 15.6 9.7 14.5#
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 51.058 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 117 Resp: 119364
Ion Ratio Lower Upper
117 100
119 95.1 77.9 116.9
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 53.470 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

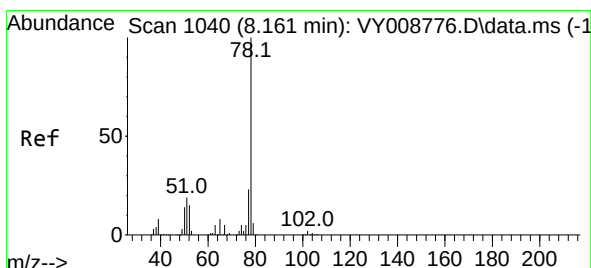
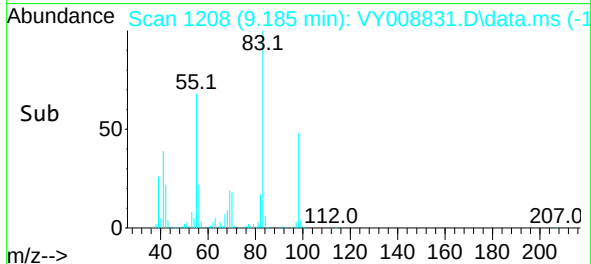
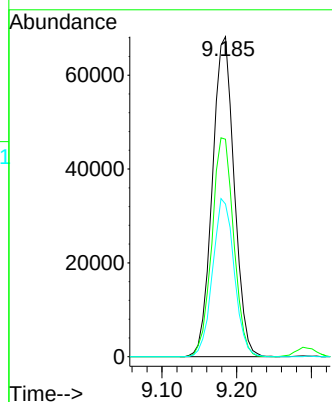
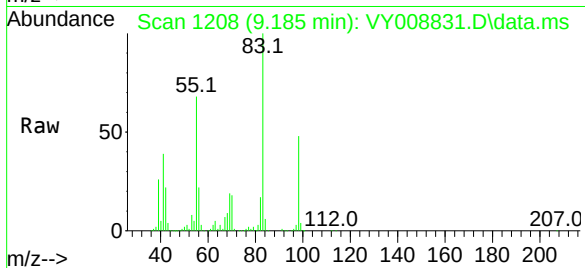
Tgt Ion: 83 Resp: 138323

Ion Ratio Lower Upper

83 100

55 67.9 66.5 99.7

98 47.7 37.9 56.9



#40

Benzene

Concen: 54.691 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008831.D

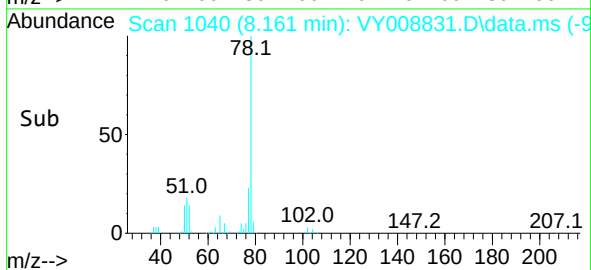
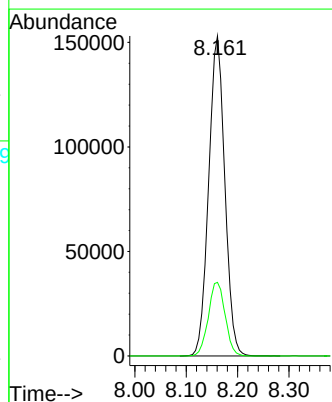
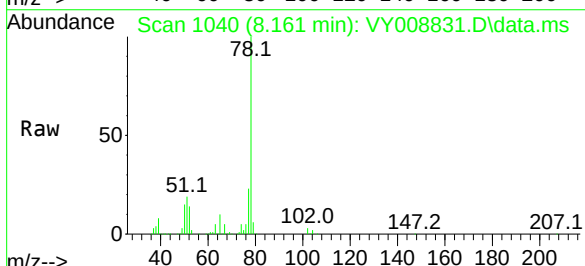
Acq: 18 May 2022 22:16

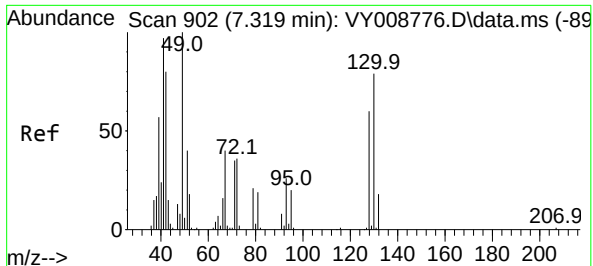
Tgt Ion: 78 Resp: 333823

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

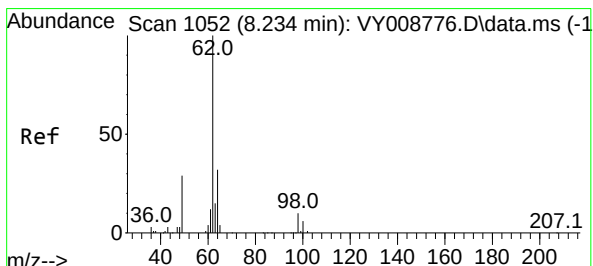
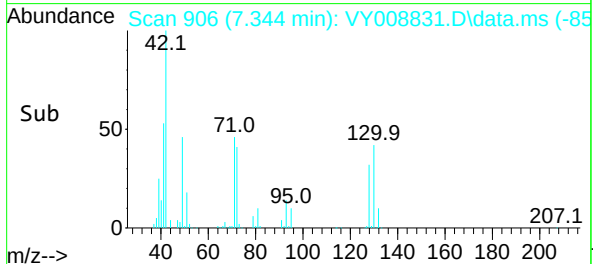
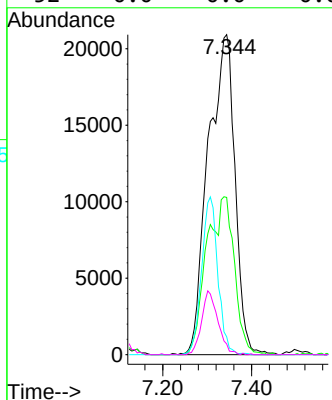
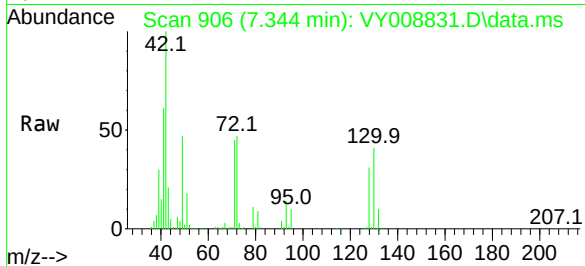




#41
Methacrylonitrile
Concen: 127.663 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.024 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

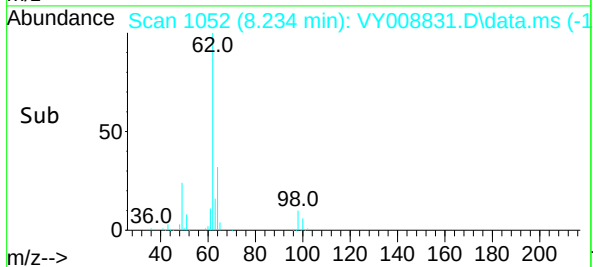
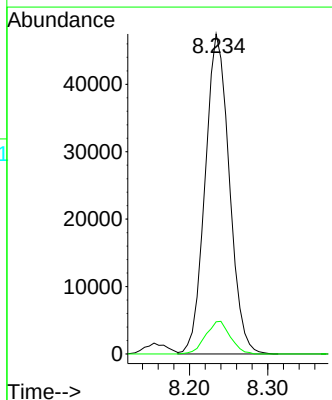
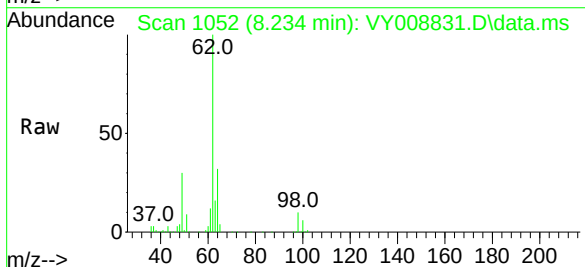
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

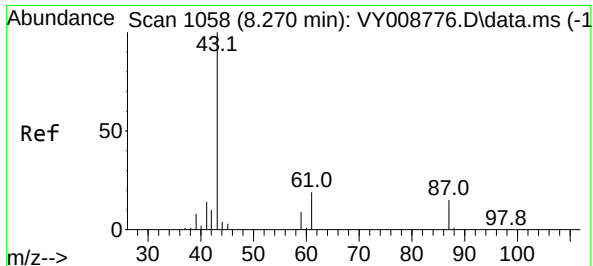
Tgt Ion: 41 Resp: 87274
Ion Ratio Lower Upper
41 100
39 26.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.794 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 62 Resp: 101758
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8

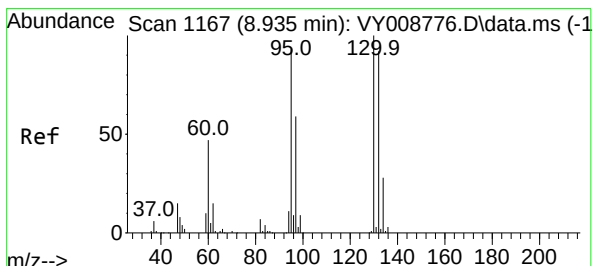
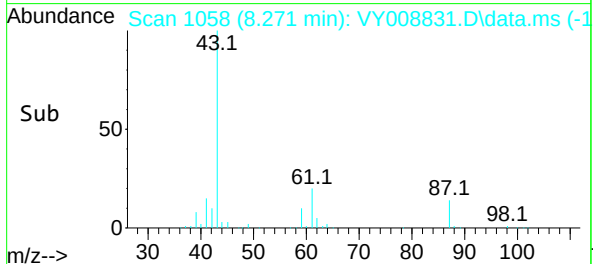
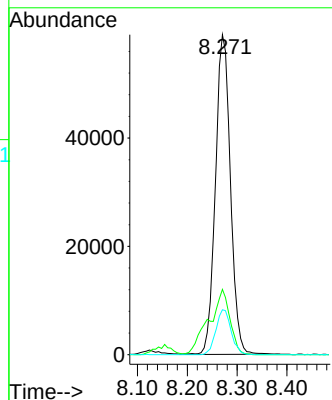
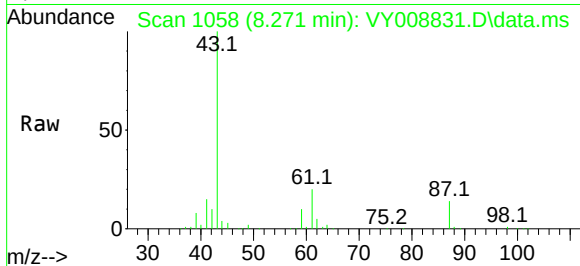




#43
Isopropyl Acetate
Concen: 57.032 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

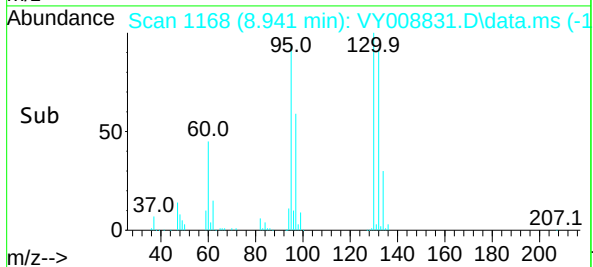
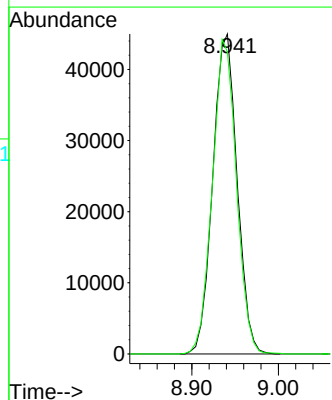
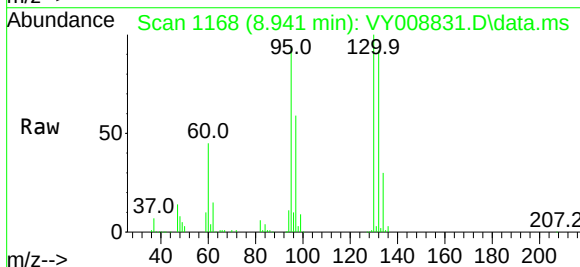
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

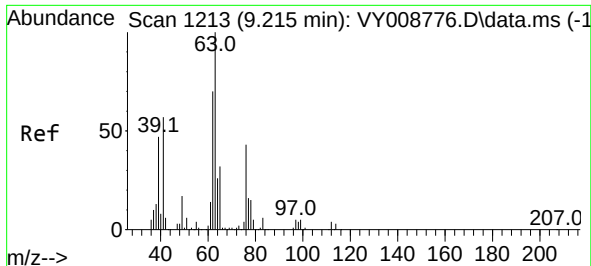
Tgt Ion: 43 Resp: 123418
Ion Ratio Lower Upper
43 100
61 28.8 20.2 30.2
87 14.3 8.9 13.3#



#44
Trichloroethene
Concen: 52.774 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion:130 Resp: 87624
Ion Ratio Lower Upper
130 100
95 94.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 59.404 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

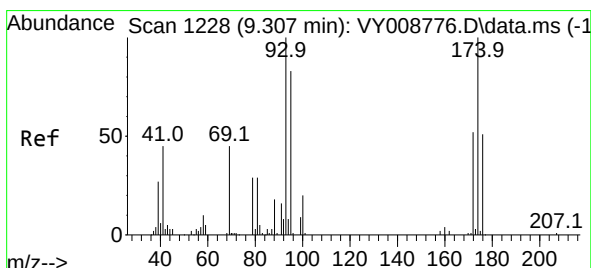
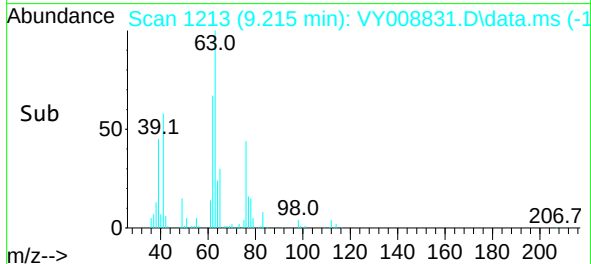
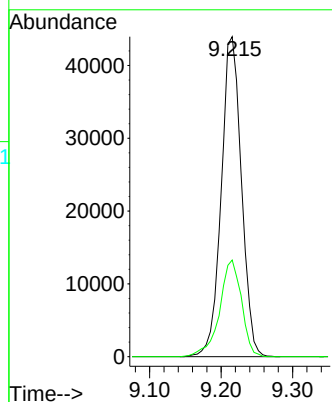
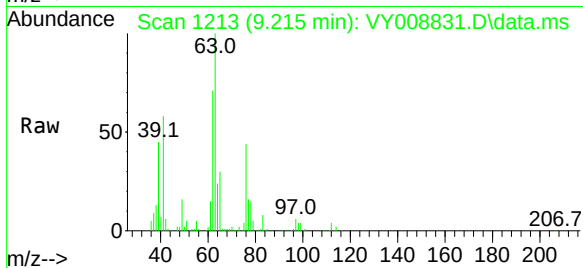
VSTDCCC050

Tgt Ion: 63 Resp: 86173

Ion Ratio Lower Upper

63 100

65 30.2 23.0 34.6



#46

Dibromomethane

Concen: 56.371 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

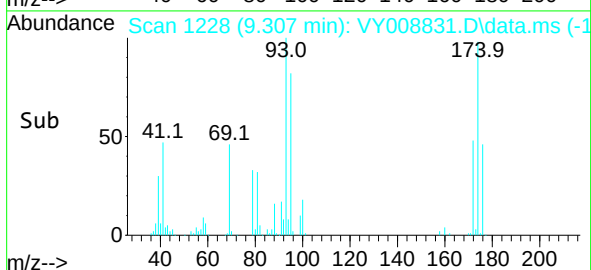
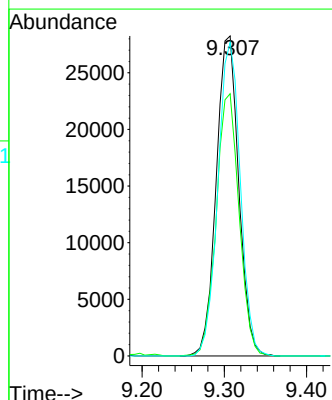
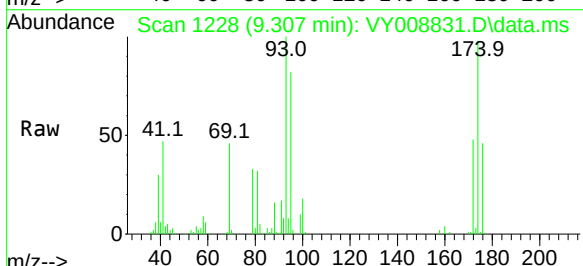
Tgt Ion: 93 Resp: 53733

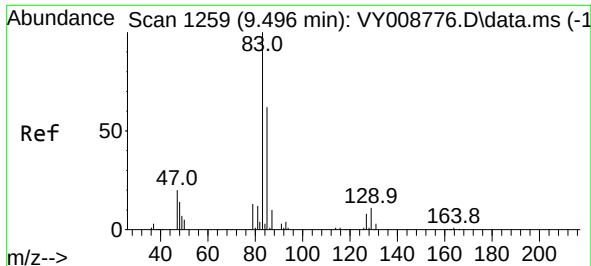
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

174 97.8 83.4 125.0

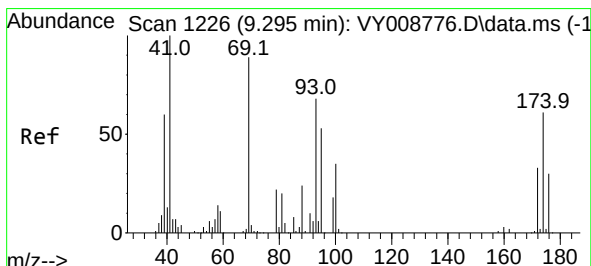
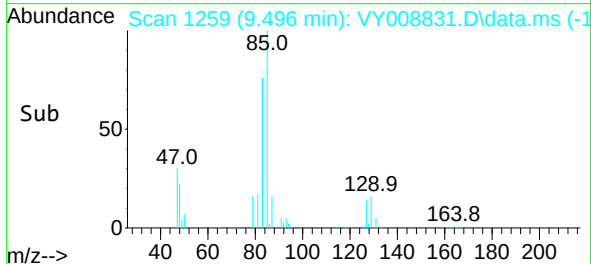
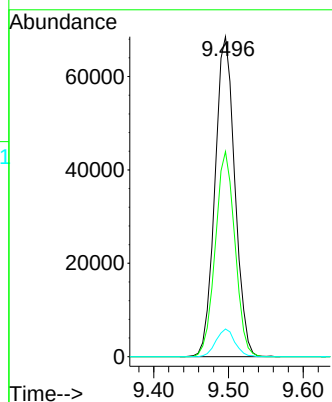
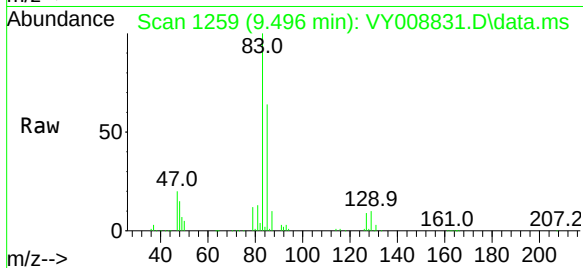




#47
Bromodichloromethane
Concen: 59.943 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

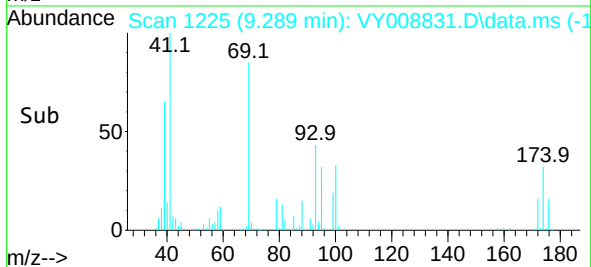
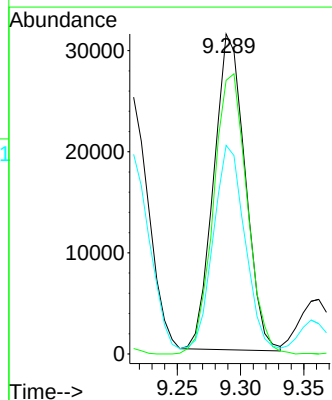
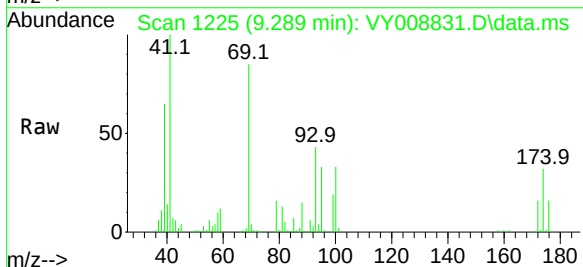
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

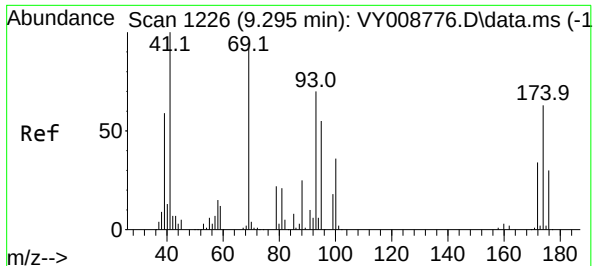
Tgt Ion: 83 Resp: 126668
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 56.921 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 41 Resp: 54086
Ion Ratio Lower Upper
41 100
69 94.4 58.2 87.2#
39 64.5 47.4 71.0





#49

1,4-Dioxane

Concen: 935.287 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

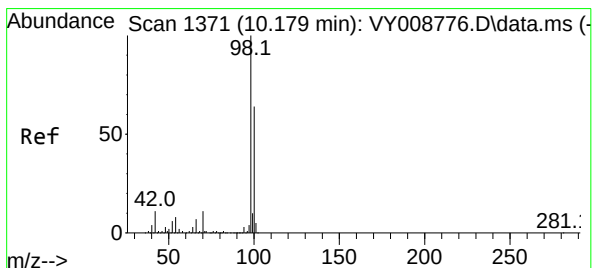
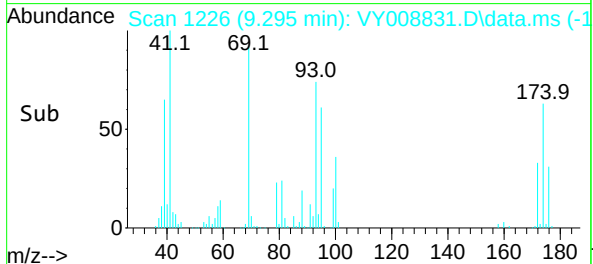
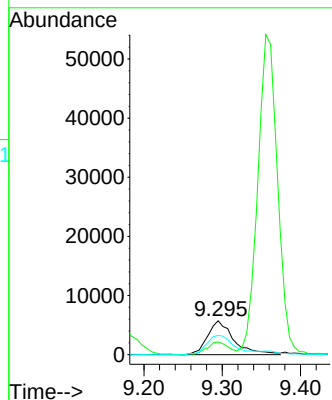
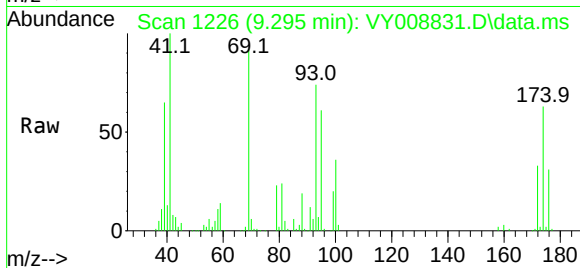
Tgt Ion: 88 Resp: 13391

Ion Ratio Lower Upper

88 100

43 31.8 32.8 49.2#

58 61.1 59.8 89.6



#50

Toluene-d8

Concen: 56.378 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008831.D

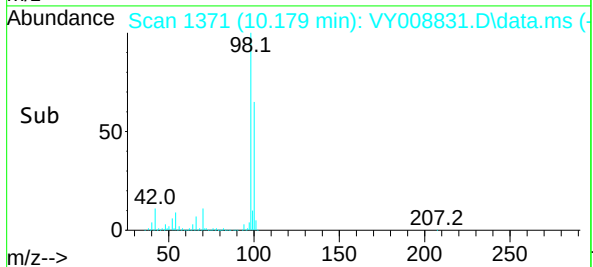
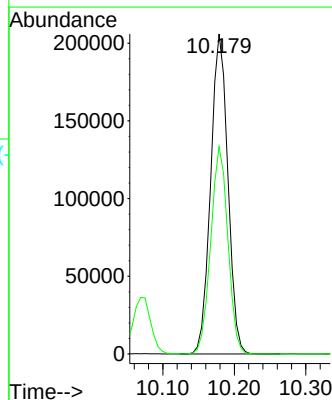
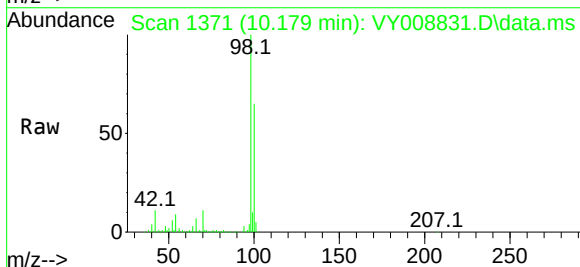
Acq: 18 May 2022 22:16

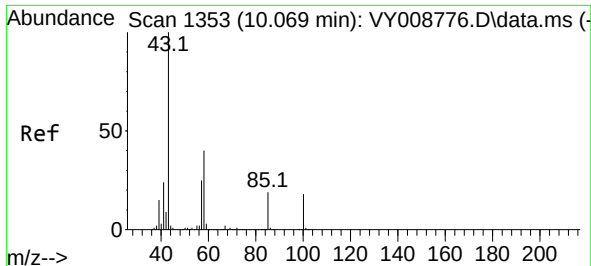
Tgt Ion: 98 Resp: 343930

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2

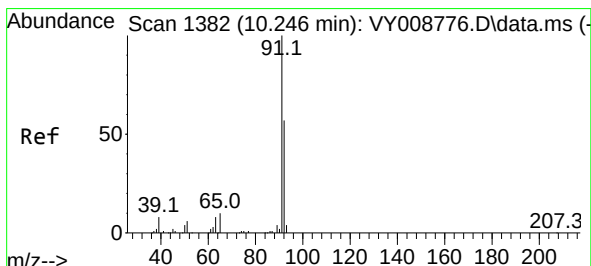
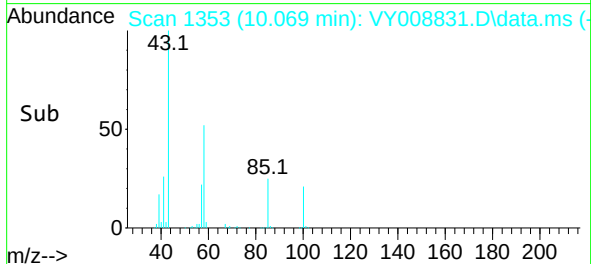
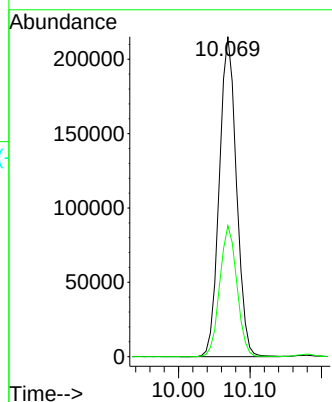
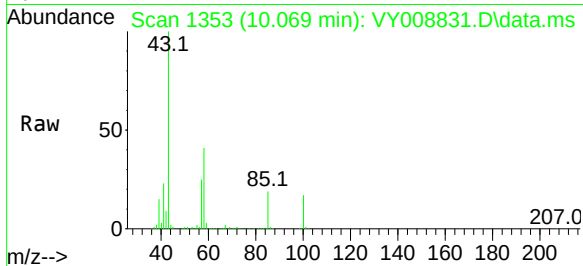




#51
4-Methyl-2-Pentanone
Concen: 280.719 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

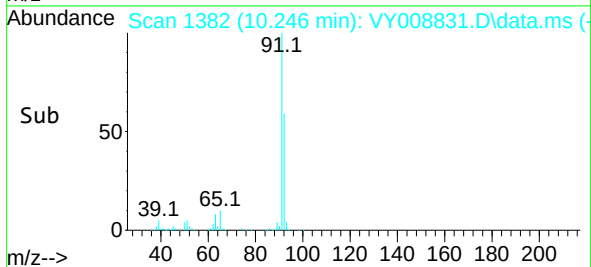
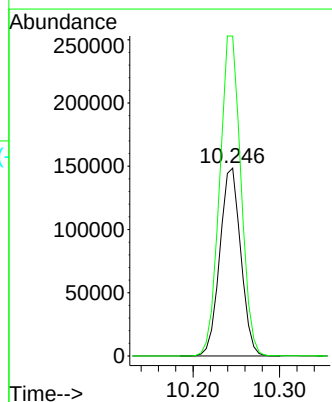
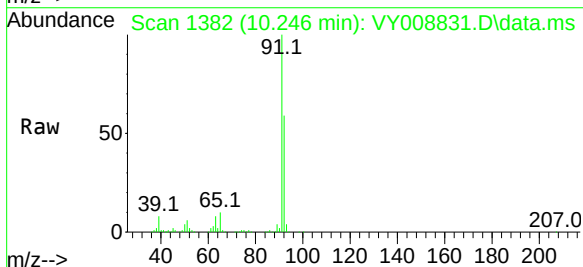
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

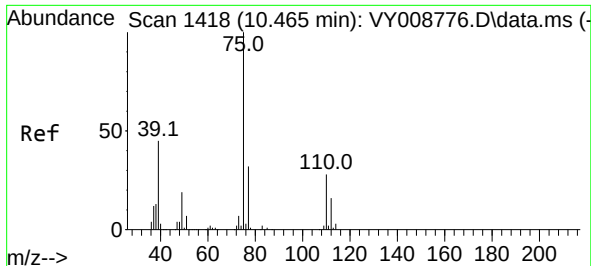
Tgt Ion: 43 Resp: 358624
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1



#52
Toluene
Concen: 60.144 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 92 Resp: 249452
Ion Ratio Lower Upper
92 100
91 173.0 142.6 213.8

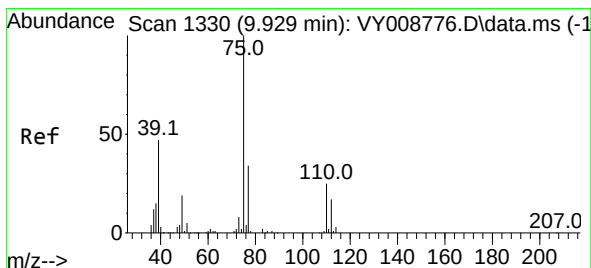
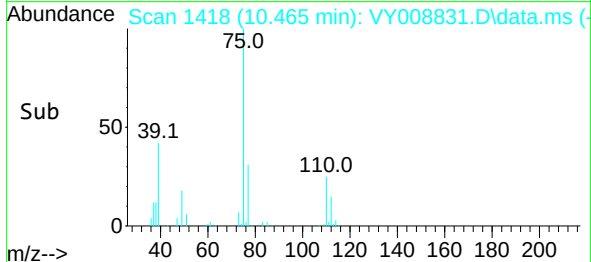
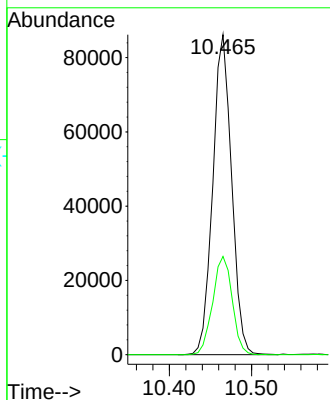
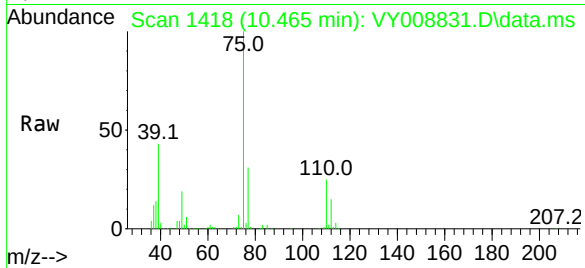




#53
t-1,3-Dichloropropene
Concen: 62.310 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

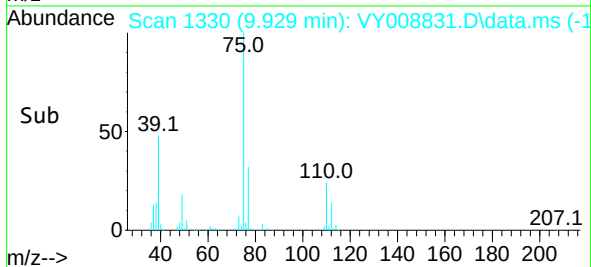
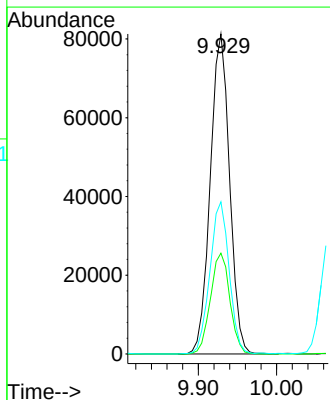
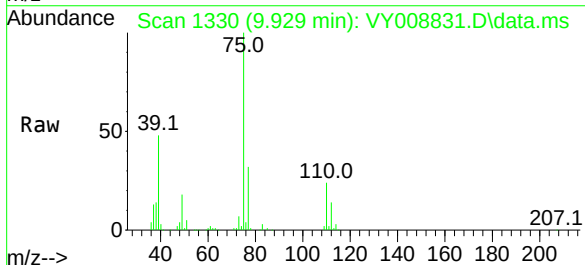
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

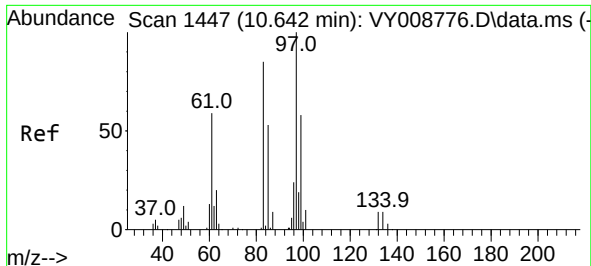
Tgt Ion: 75 Resp: 136765
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 58.808 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 75 Resp: 139191
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 47.6 47.6 71.4#

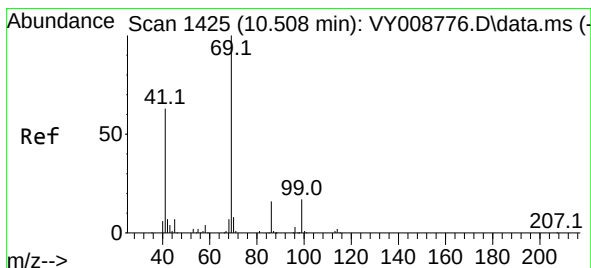
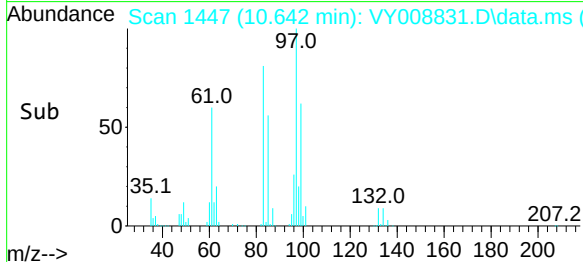
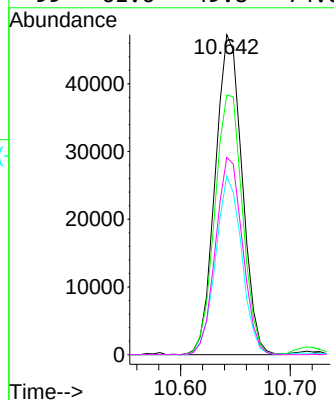
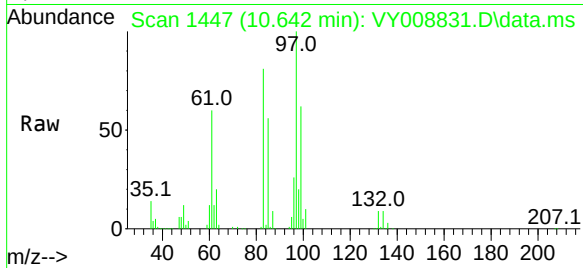




#55
1,1,2-Trichloroethane
Concen: 62.253 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

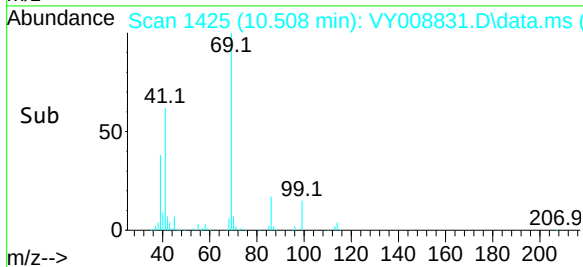
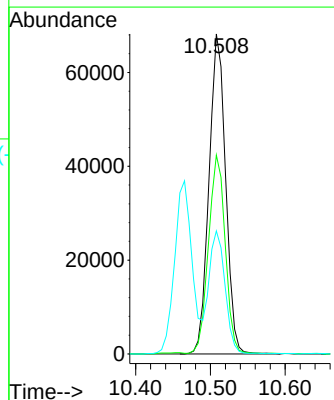
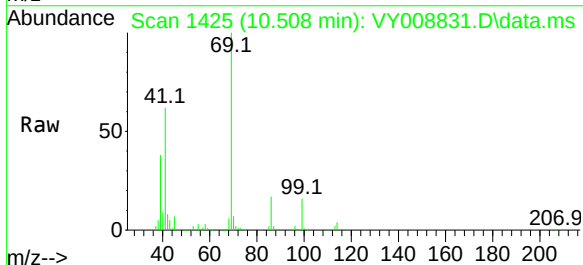
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

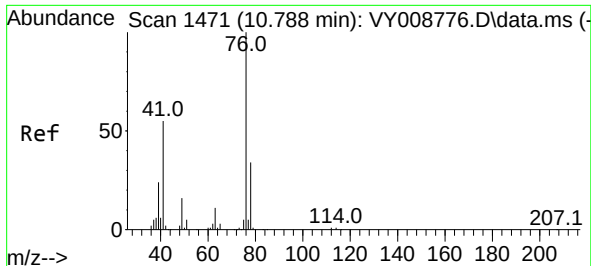
Tgt Ion: 97	Resp: 80694
Ion Ratio	Lower Upper
97 100	
83 81.1	69.8 104.8
85 55.8	44.3 66.5
99 61.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 66.957 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 69	Resp: 105300
Ion Ratio	Lower Upper
69 100	
41 62.3	63.4 95.0#
39 36.6	35.8 53.8





#57

1,3-Dichloropropane

Concen: 60.440 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

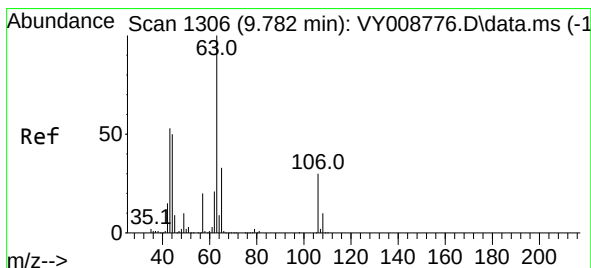
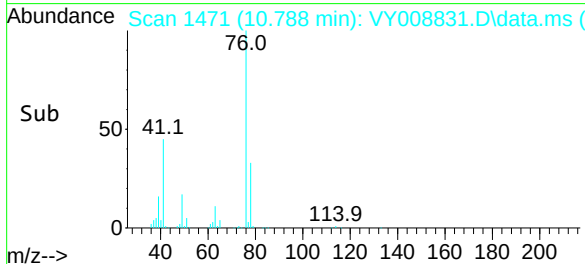
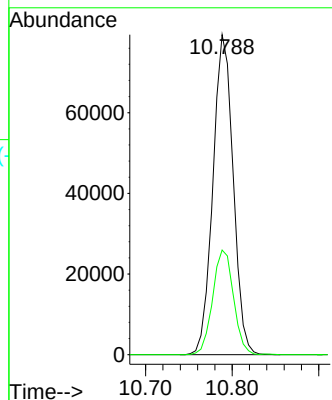
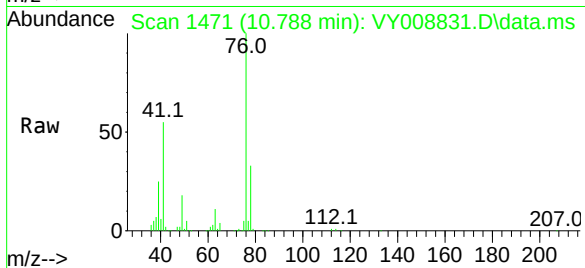
VSTDCCC050

Tgt Ion: 76 Resp: 128819

Ion Ratio Lower Upper

76 100

78 33.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 274.623 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008831.D

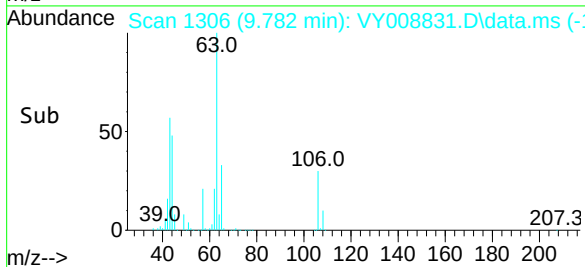
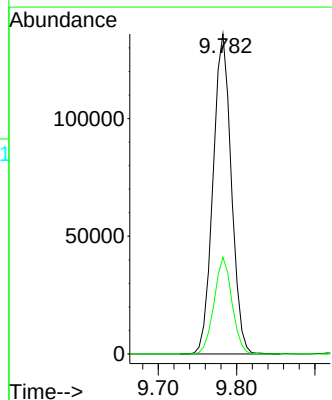
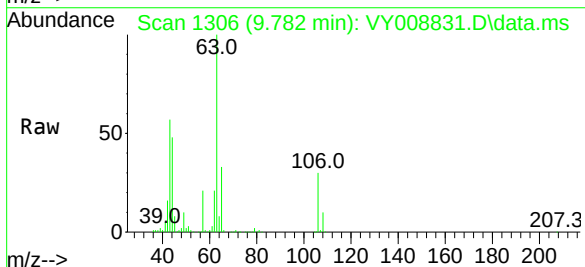
Acq: 18 May 2022 22:16

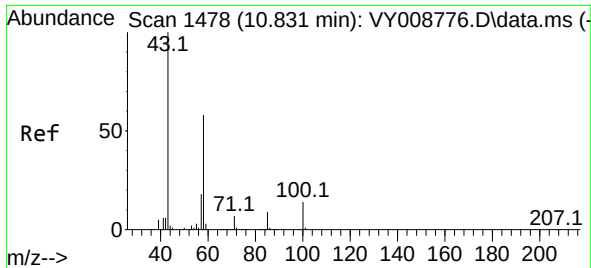
Tgt Ion: 63 Resp: 220232

Ion Ratio Lower Upper

63 100

106 29.5 21.5 32.3

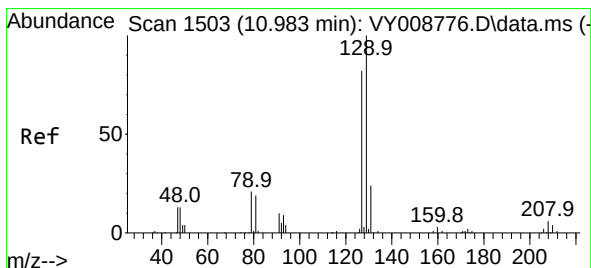
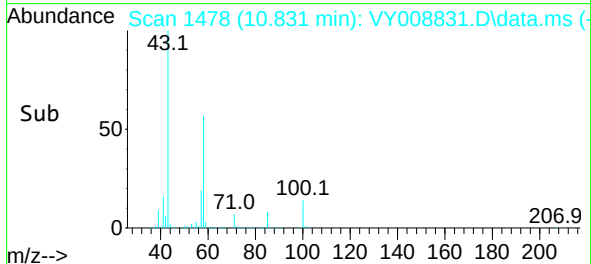
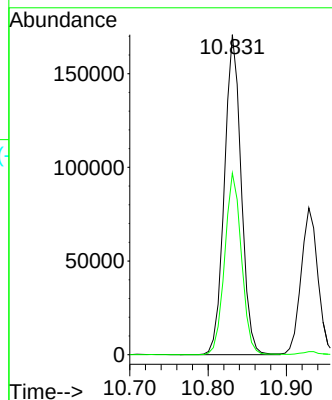
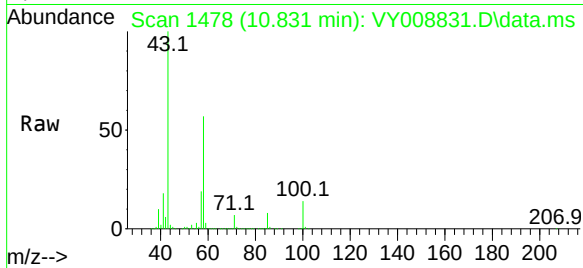




#59
2-Hexanone
Concen: 279.425 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

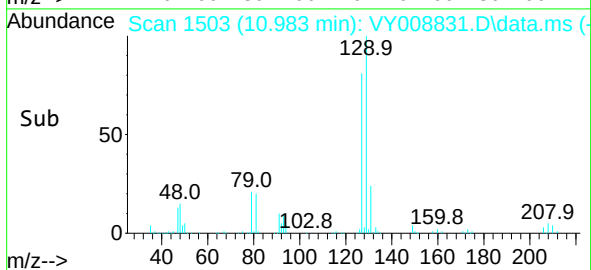
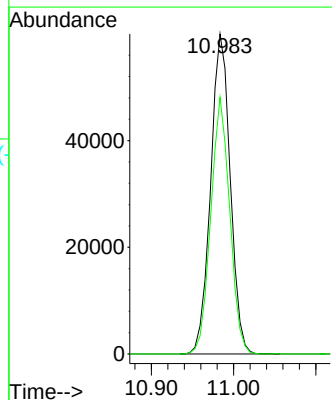
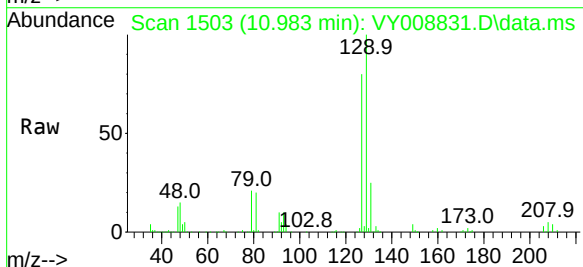
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

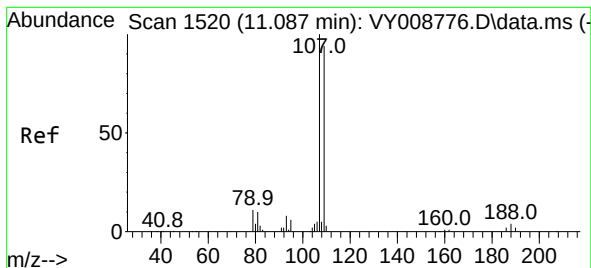
Tgt Ion: 43 Resp: 255058
Ion Ratio Lower Upper
43 100
58 56.6 24.4 73.4



#60
Dibromochloromethane
Concen: 63.703 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 129 Resp: 99127
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

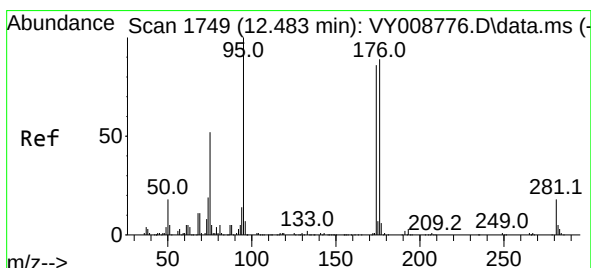
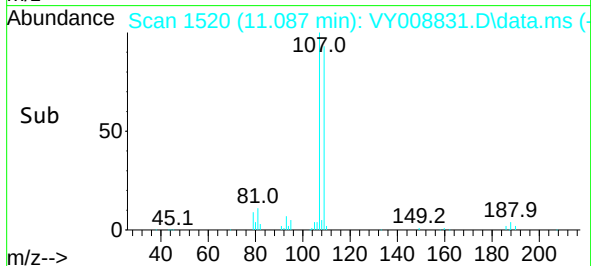
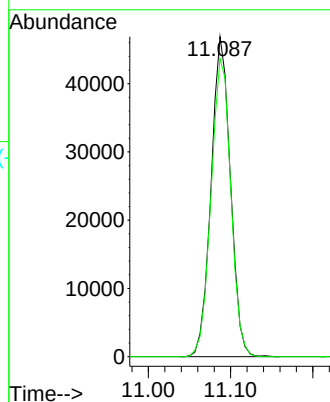
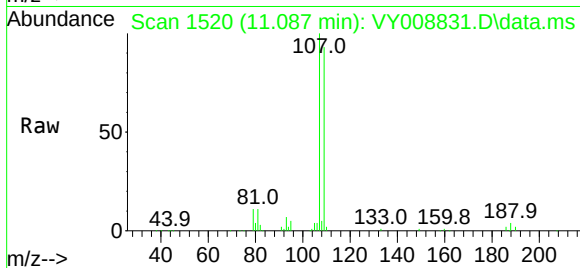




#61
1,2-Dibromoethane
Concen: 59.066 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

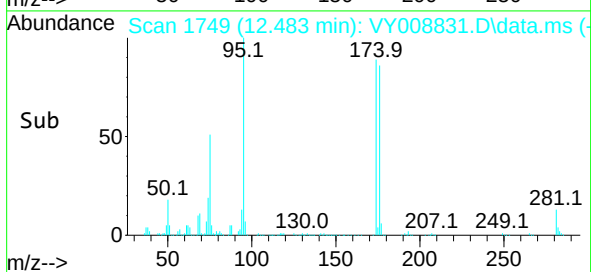
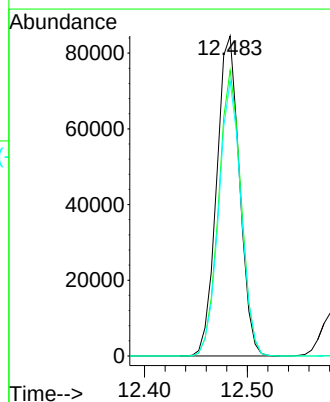
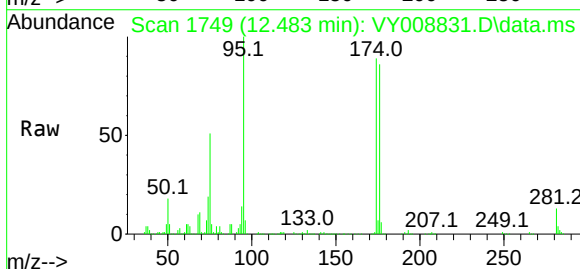
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

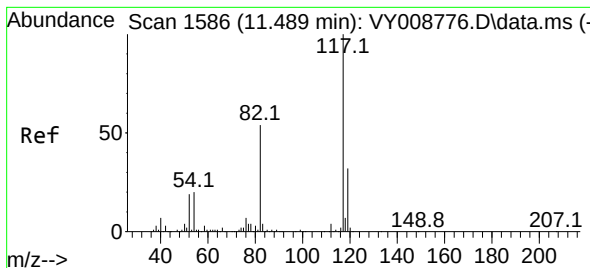
Tgt Ion:107 Resp: 76351
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 59.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 95 Resp: 129955
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 84.2 0.0 175.8

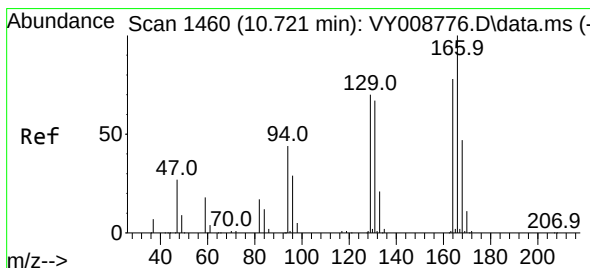
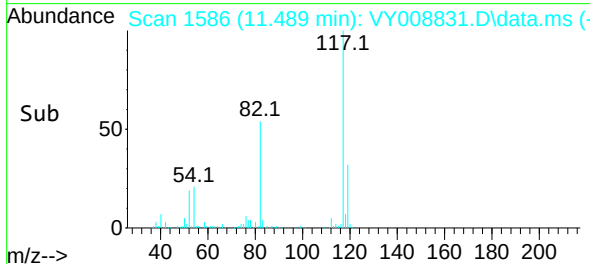
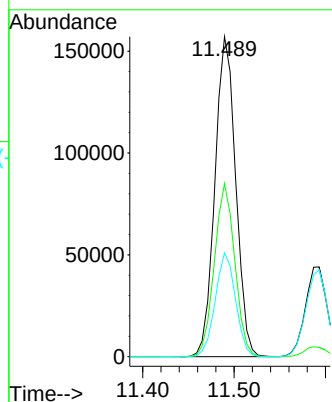
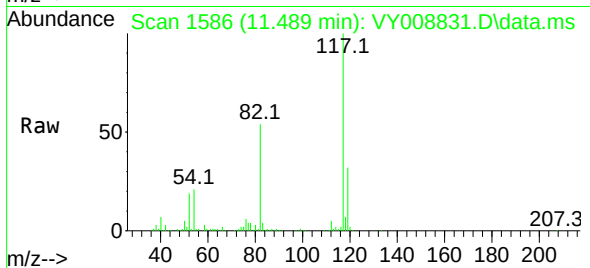




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

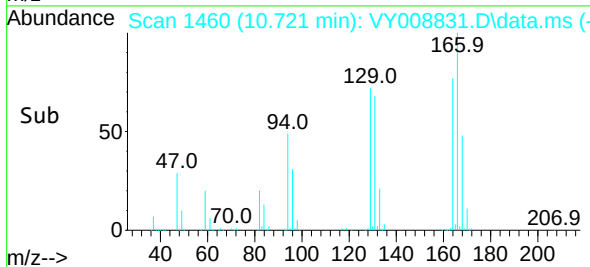
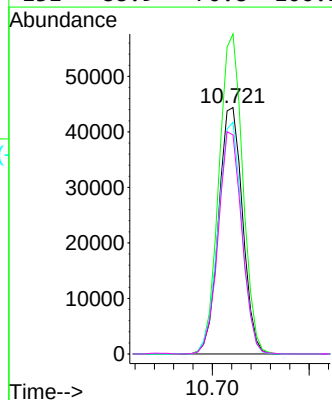
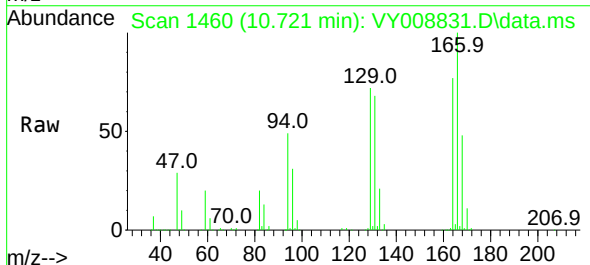
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

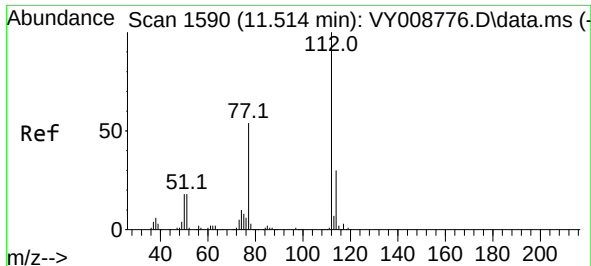
Tgt Ion:117 Resp: 248264
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 47.907 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion:164 Resp: 76134
Ion Ratio Lower Upper
164 100
166 129.9 100.4 150.6
129 94.0 71.4 107.0
131 88.9 70.8 106.2

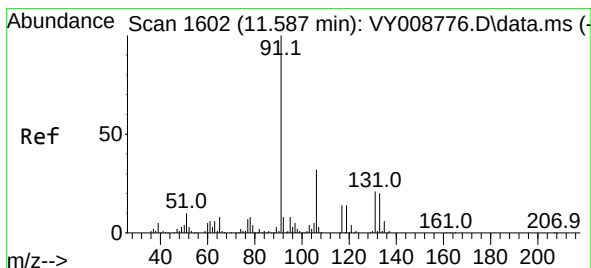
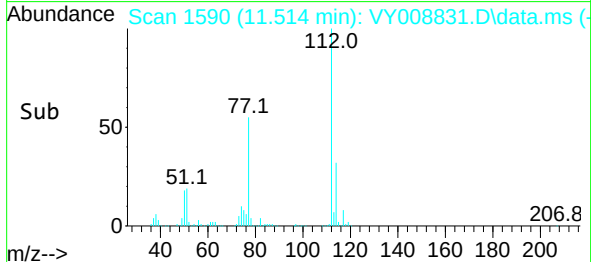
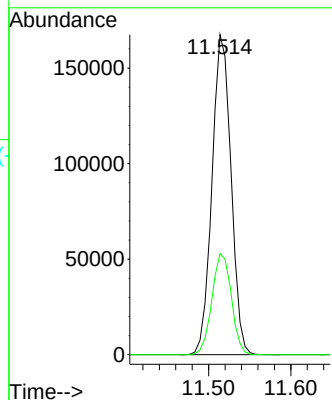
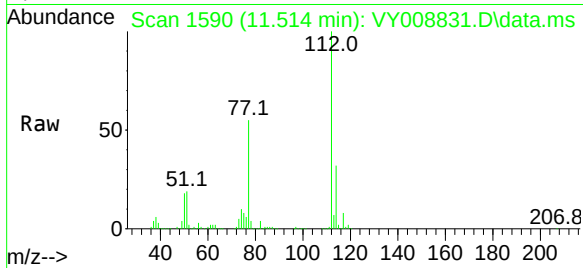




#65
Chlorobenzene
Concen: 53.580 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

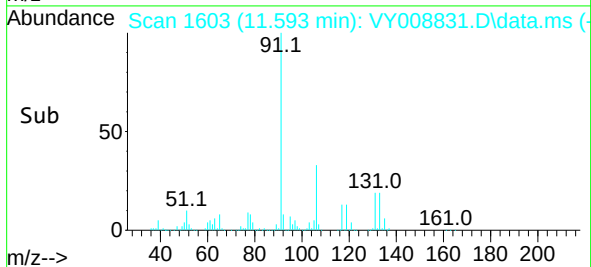
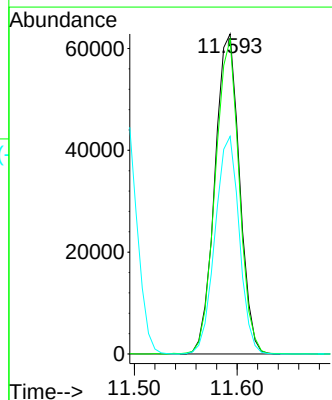
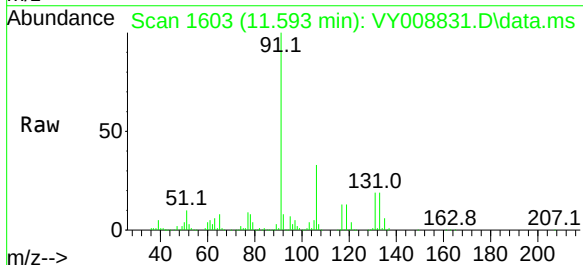
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

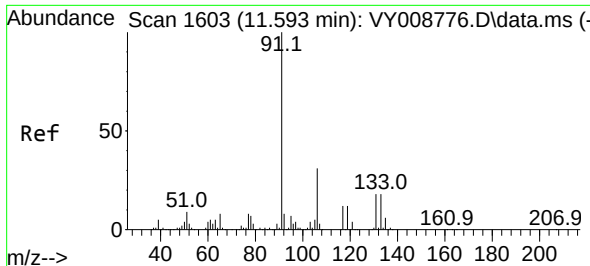
Tgt Ion:112 Resp: 269215
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.916 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion:131 Resp: 104479
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 55.349 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

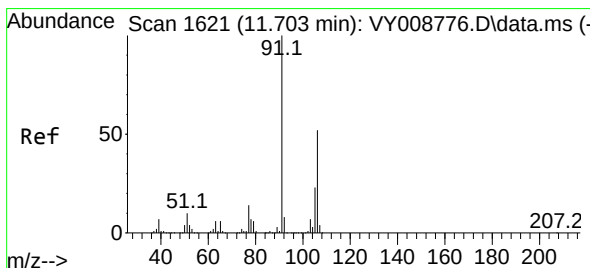
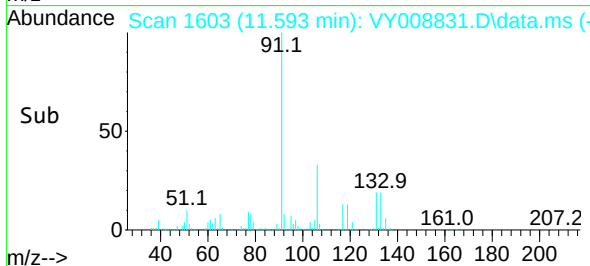
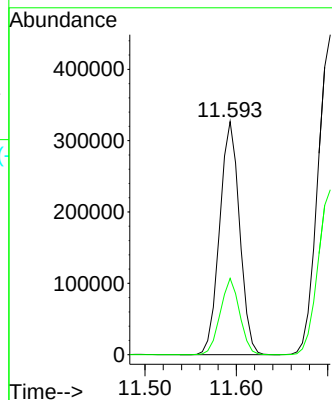
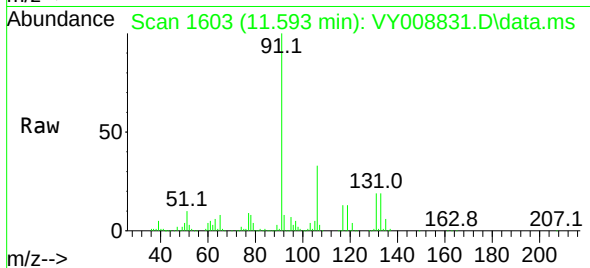
VSTDCCC050

Tgt Ion: 91 Resp: 496648

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 116.321 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008831.D

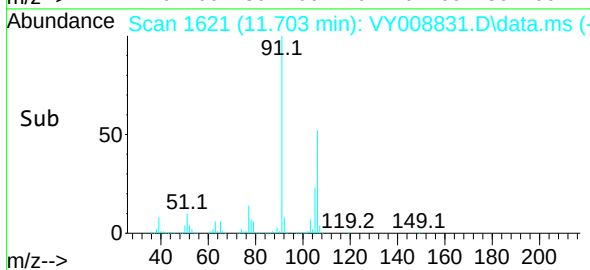
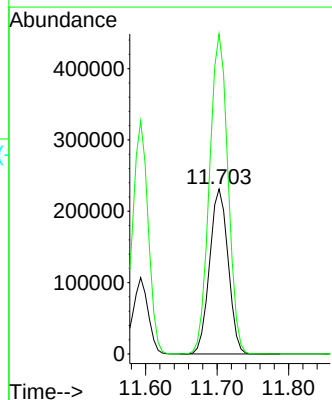
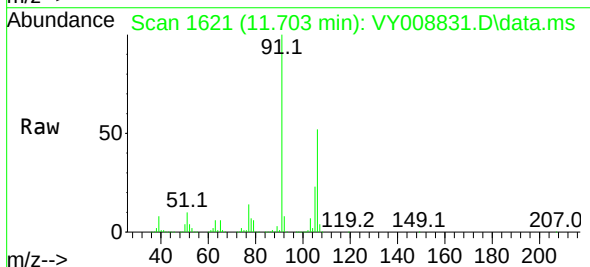
Acq: 18 May 2022 22:16

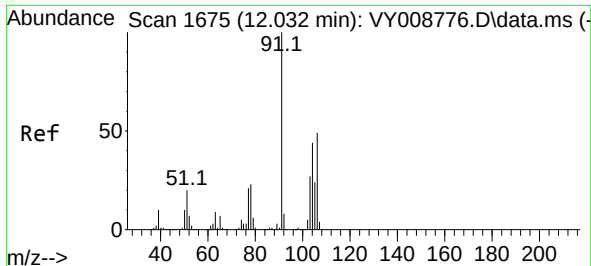
Tgt Ion: 106 Resp: 415815

Ion Ratio Lower Upper

106 100

91 193.9 166.6 249.8

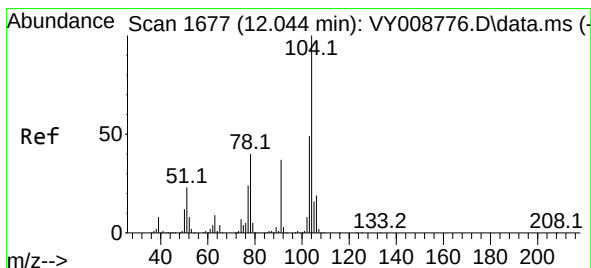
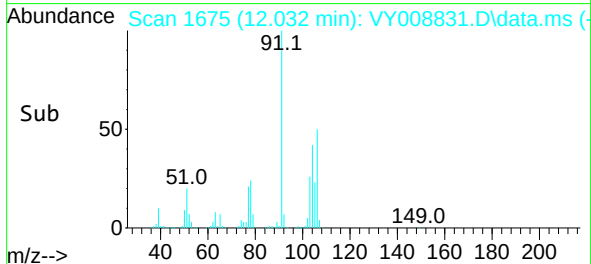
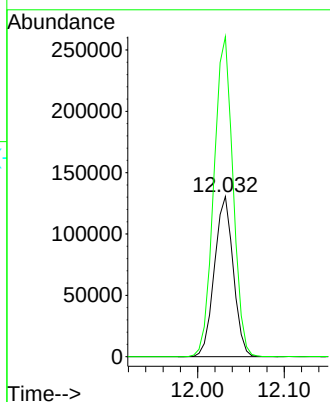
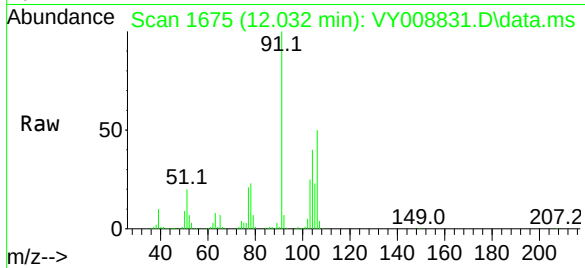




#69
o-Xylene
Concen: 59.631 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

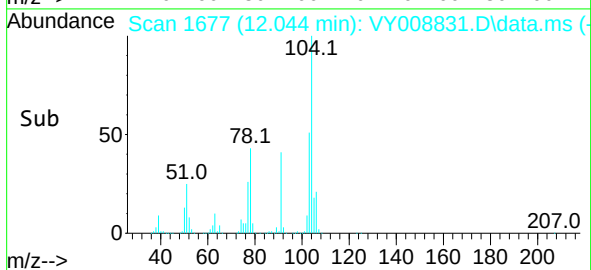
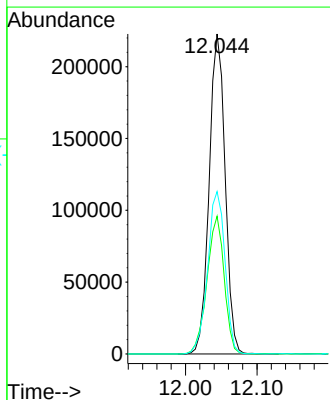
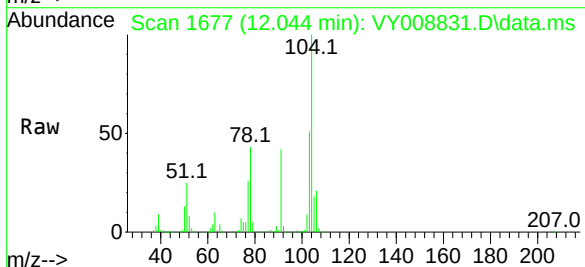
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

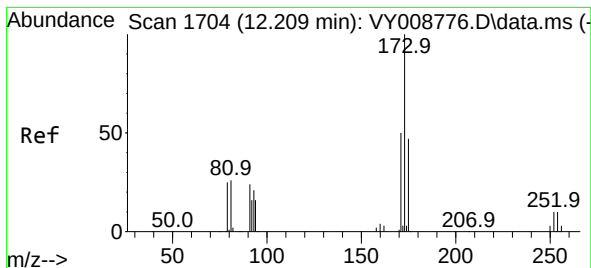
Tgt Ion:106 Resp: 196962
Ion Ratio Lower Upper
106 100
91 203.0 110.3 331.0



#70
Styrene
Concen: 61.881 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion:104 Resp: 345999
Ion Ratio Lower Upper
104 100
78 46.3 42.4 63.6
103 55.3 44.4 66.6





#71

Bromoform

Concen: 57.540 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

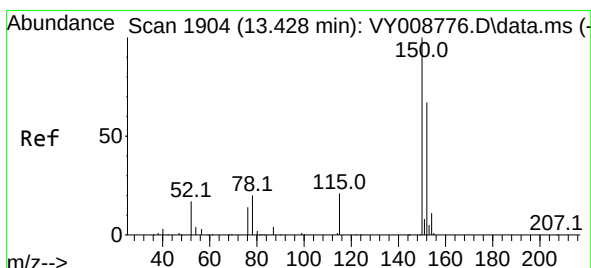
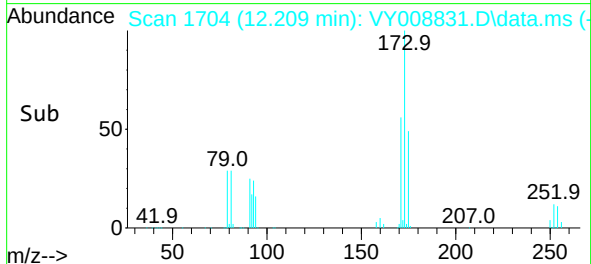
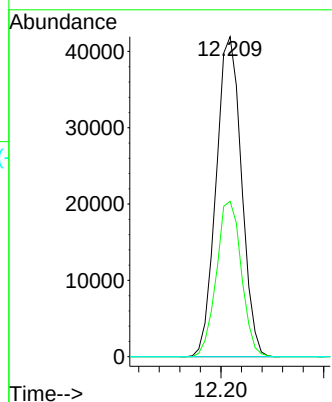
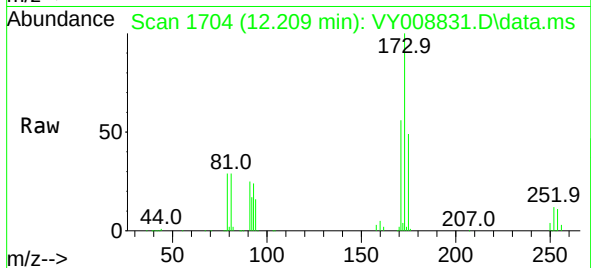
Tgt Ion:173 Resp: 71702

Ion Ratio Lower Upper

173 100

175 47.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

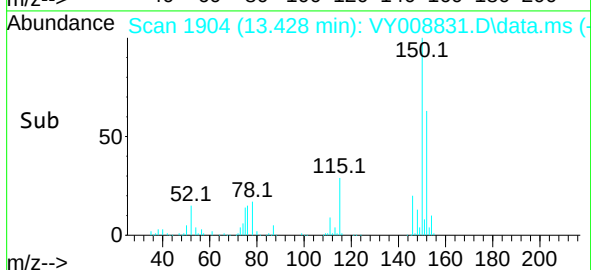
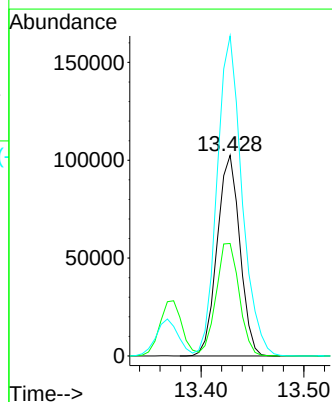
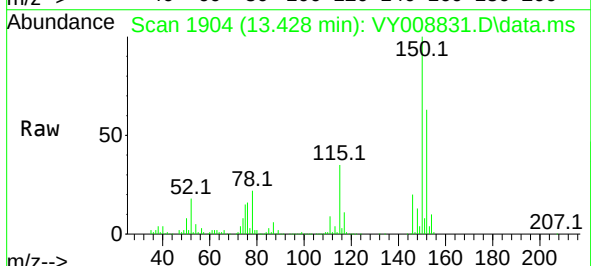
Tgt Ion:152 Resp: 157320

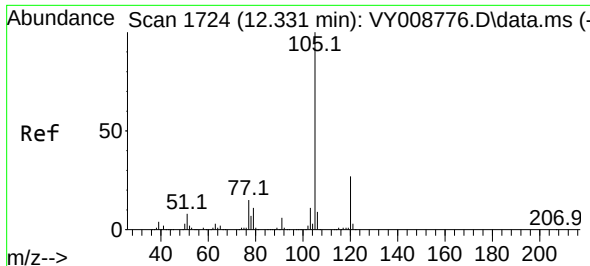
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 174.5 0.0 347.6

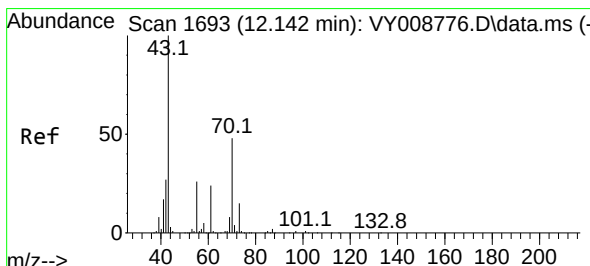
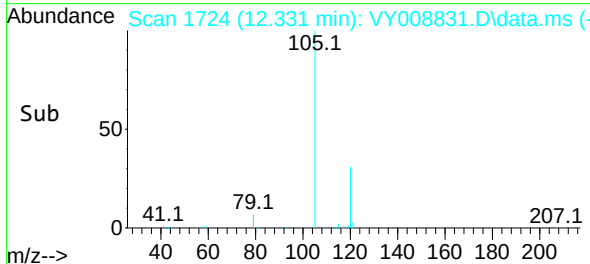
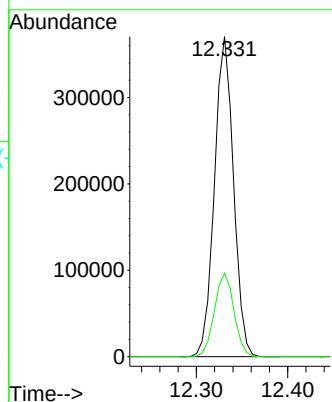
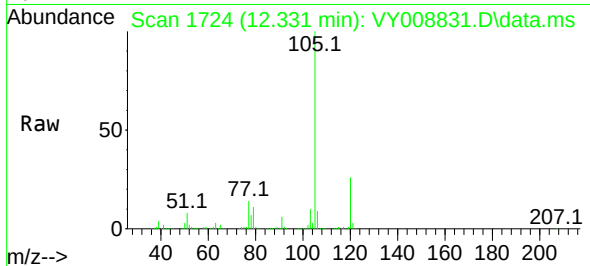




#73
Isopropylbenzene
Concen: 49.656 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

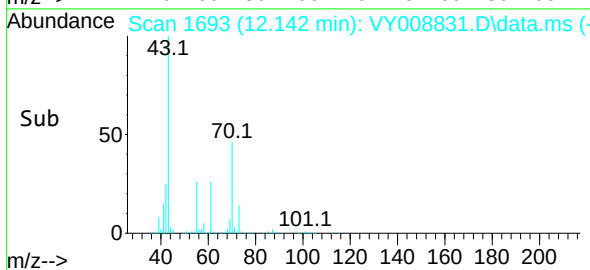
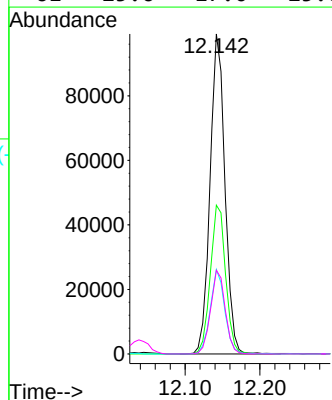
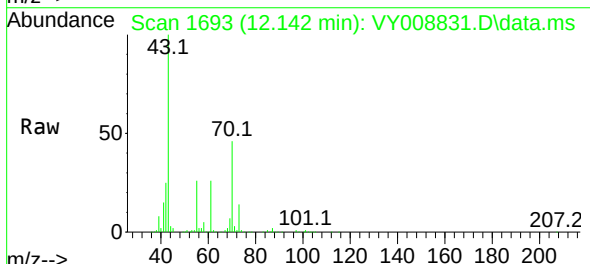
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

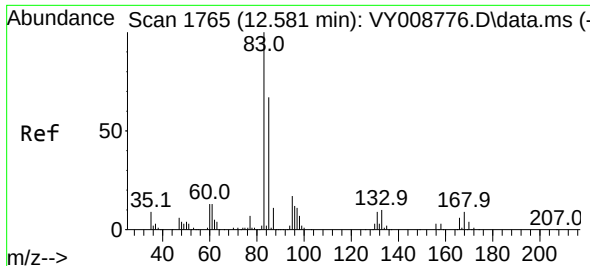
Tgt Ion:105 Resp: 535765
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 53.207 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 43 Resp: 137029
Ion Ratio Lower Upper
43 100
70 47.7 28.7 43.1#
55 25.9 17.3 25.9
61 25.6 17.0 25.6#

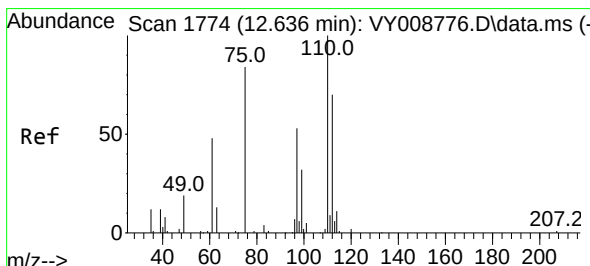
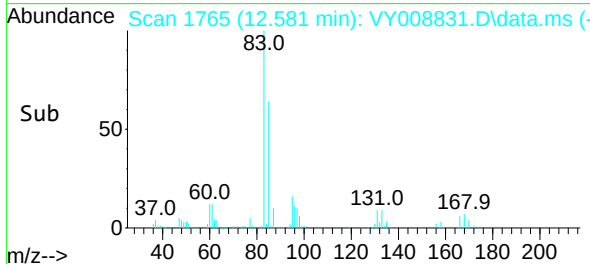
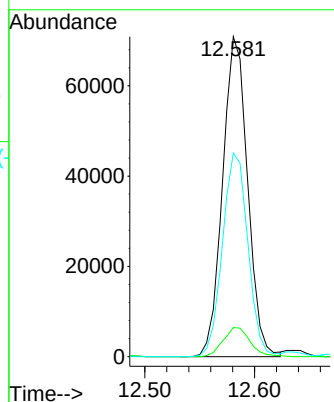
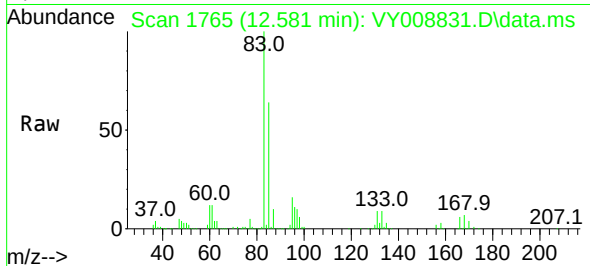




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.899 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

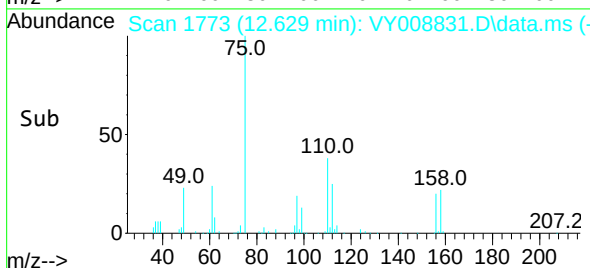
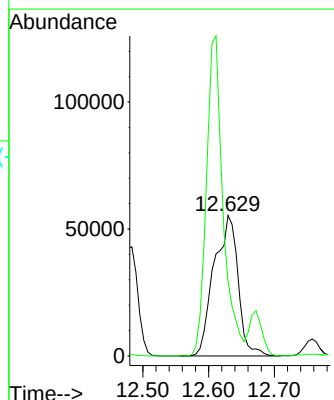
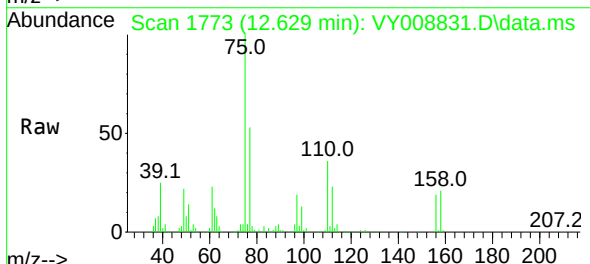
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

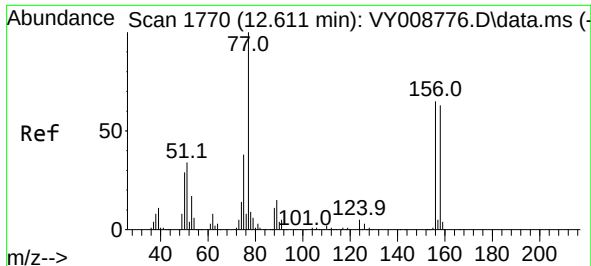
Tgt Ion: 83 Resp: 112496
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.6 16.8
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 77.480 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

Tgt Ion: 75 Resp: 140802
 Ion Ratio Lower Upper
 75 100
 77 158.3 0.0 0.0#

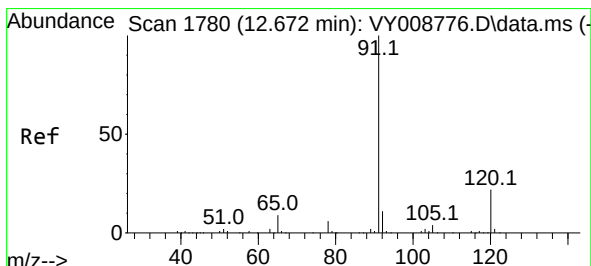
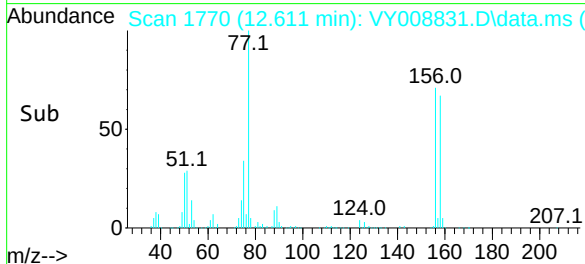
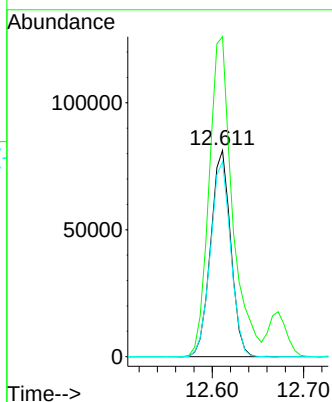
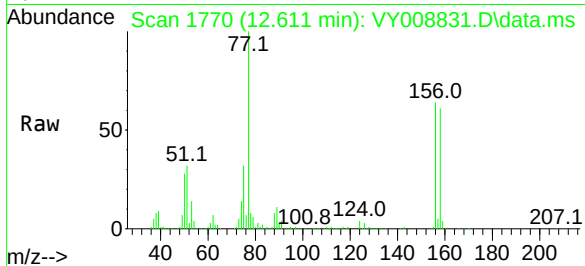




#77
Bromobenzene
Concen: 49.422 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

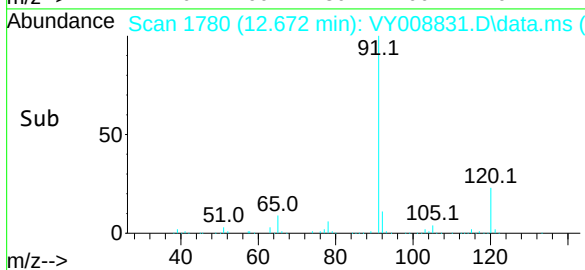
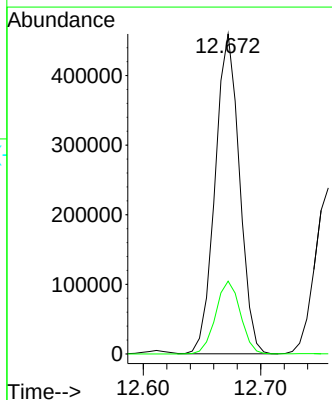
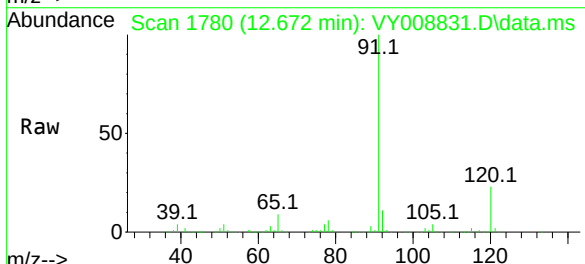
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

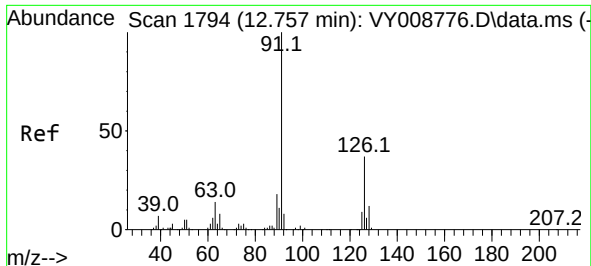
Tgt Ion:156 Resp: 123558
Ion Ratio Lower Upper
156 100
77 180.4 95.5 286.4
158 96.1 48.0 144.0



#78
n-propylbenzene
Concen: 50.050 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 91 Resp: 663410
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

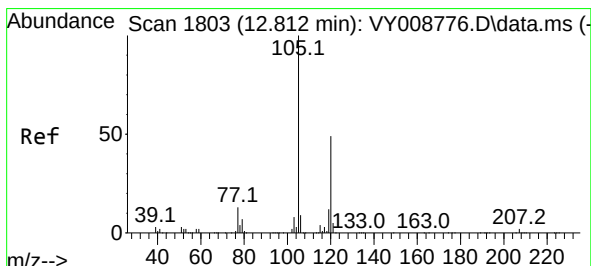
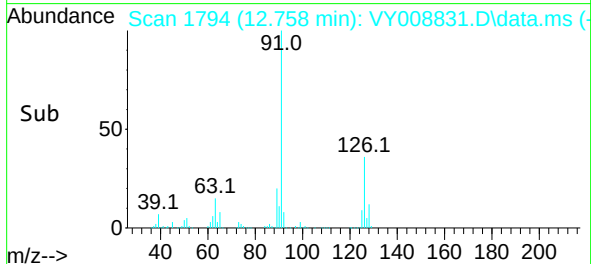
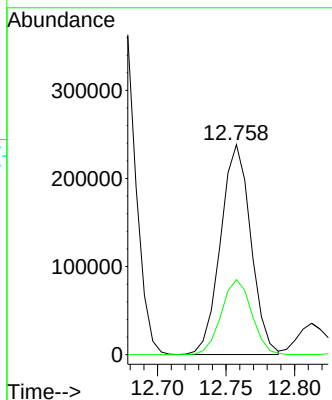
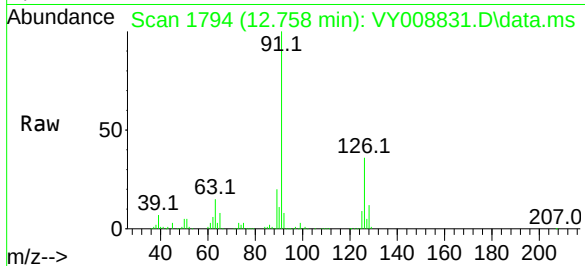




#79
2-Chlorotoluene
Concen: 50.964 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

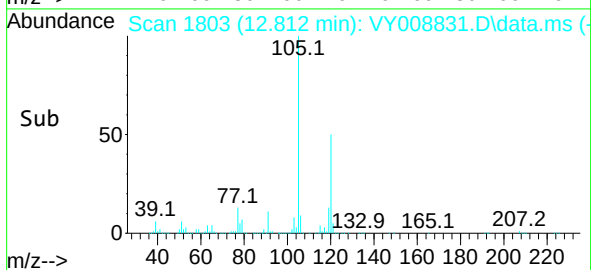
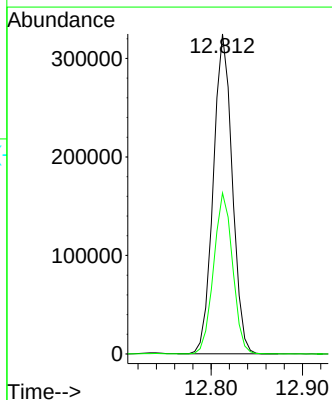
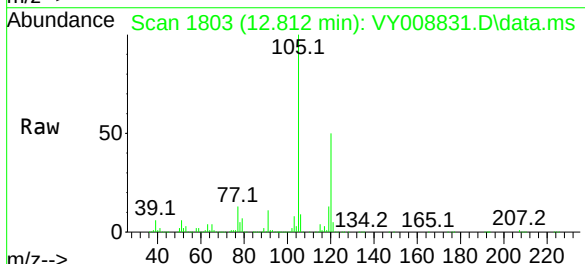
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

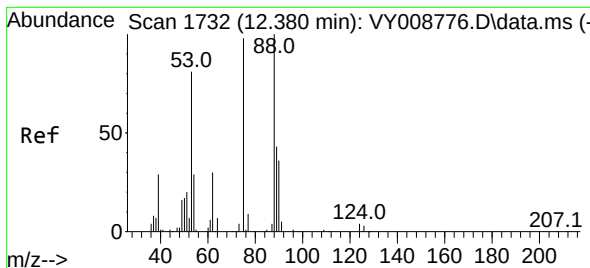
Tgt Ion: 91 Resp: 365890
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 53.670 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion:105 Resp: 467544
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.4

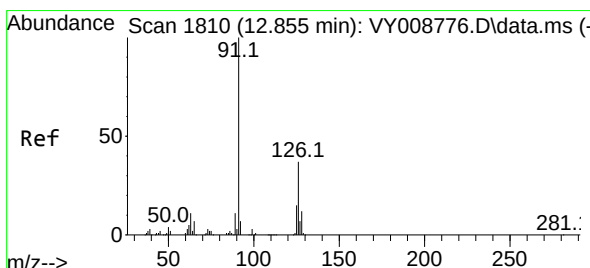
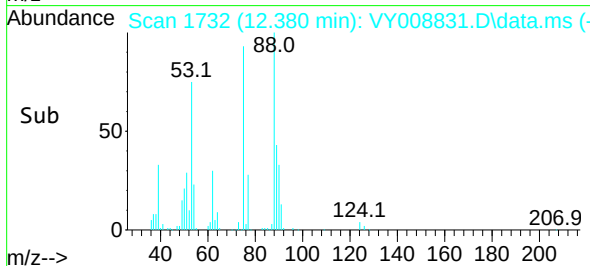
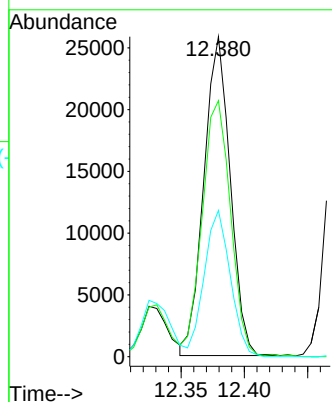
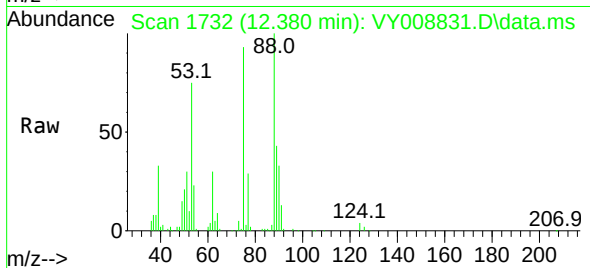




#81
trans-1,4-Dichloro-2-butene
Concen: 45.037 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

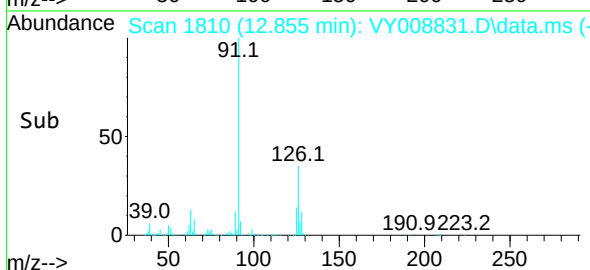
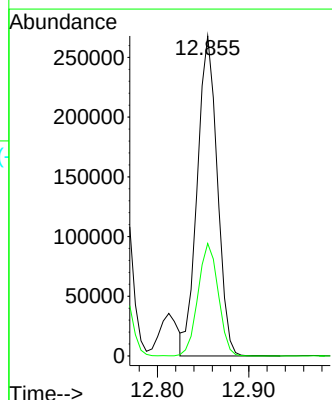
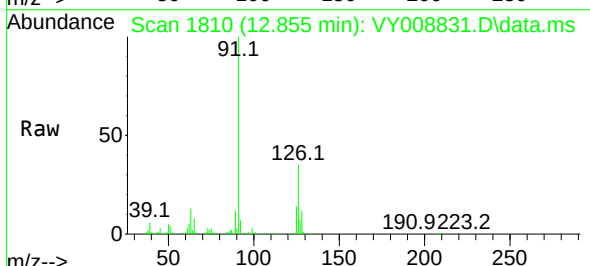
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

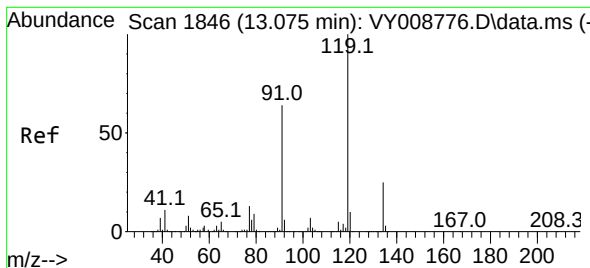
Tgt Ion: 75 Resp: 37418
Ion Ratio Lower Upper
75 100
53 86.8 85.3 127.9
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.603 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 91 Resp: 406555
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.256 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

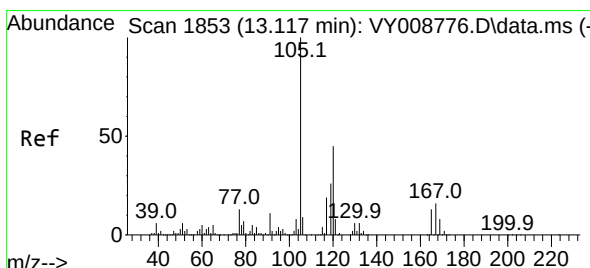
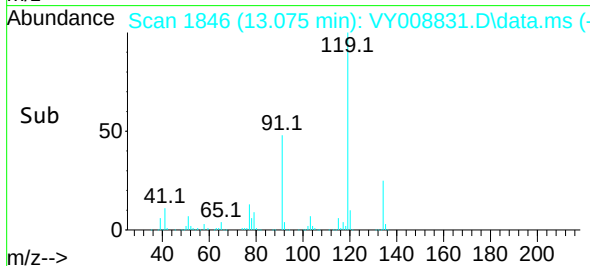
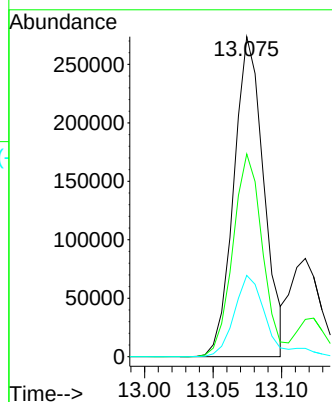
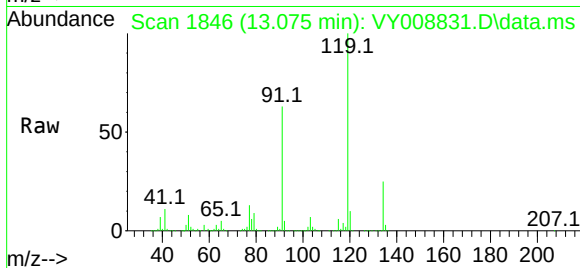
Tgt Ion:119 Resp: 417232

Ion Ratio Lower Upper

119 100

91 62.9 34.8 104.4

134 27.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 54.951 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY008831.D

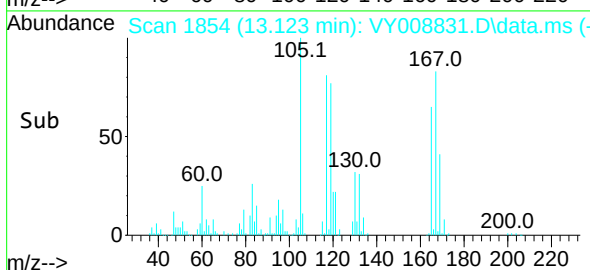
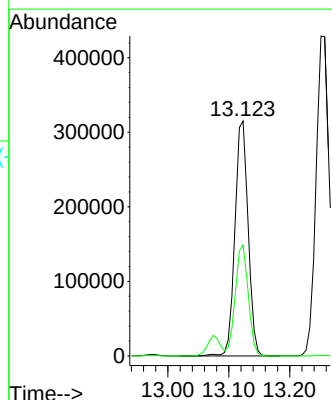
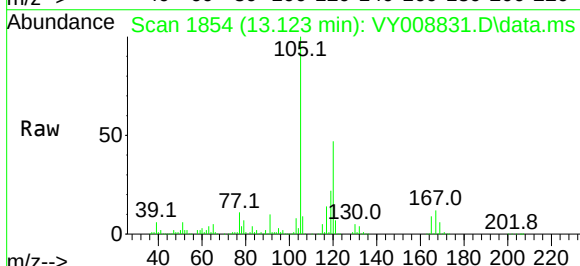
Acq: 18 May 2022 22:16

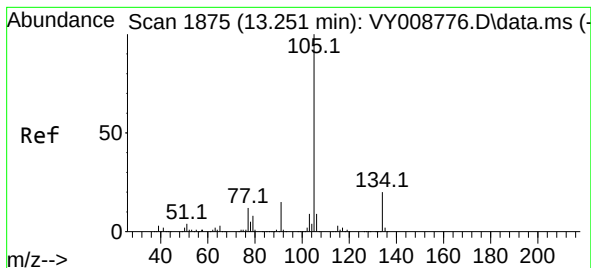
Tgt Ion:105 Resp: 473906

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.291 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

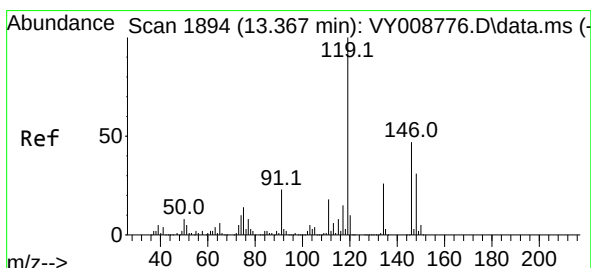
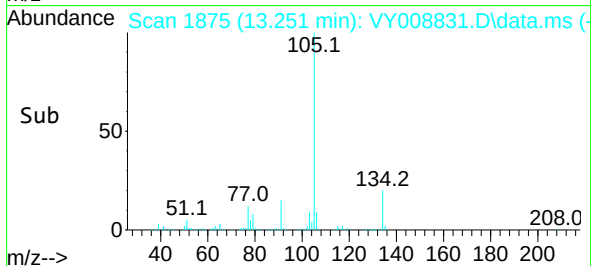
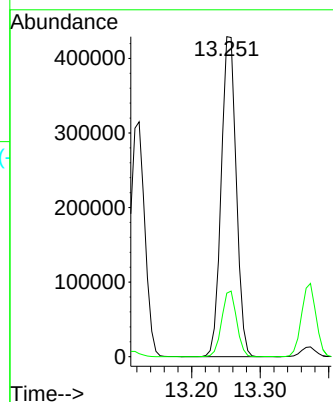
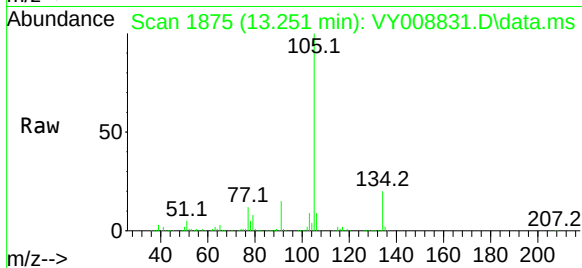
VSTDCCC050

Tgt Ion:105 Resp: 651386

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.738 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

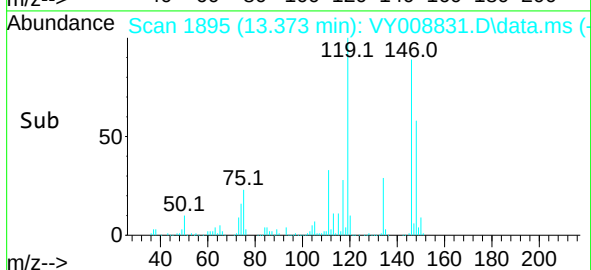
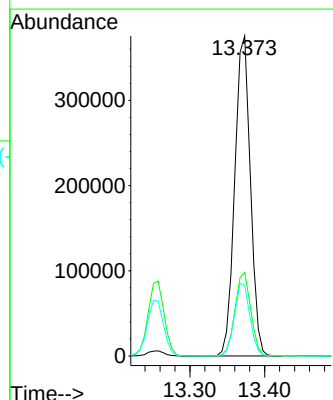
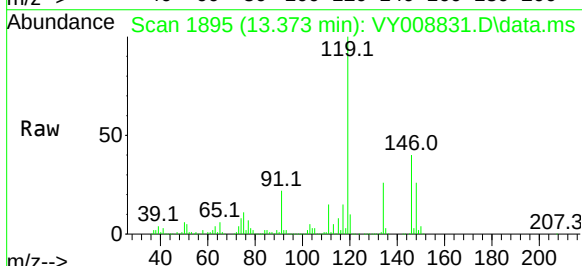
Tgt Ion:119 Resp: 545557

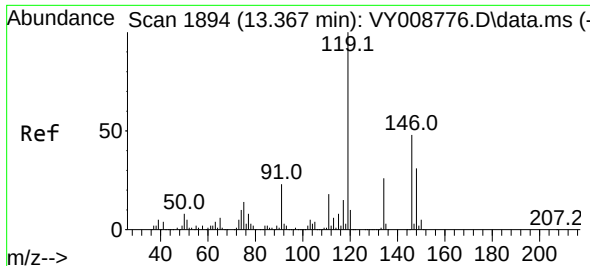
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.6 12.4 37.2

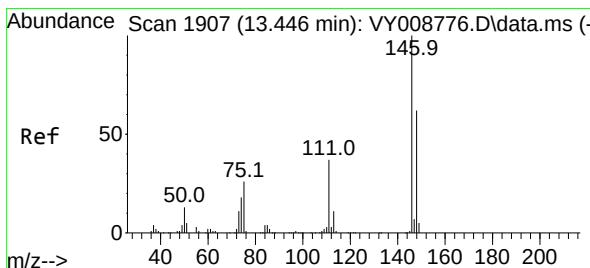
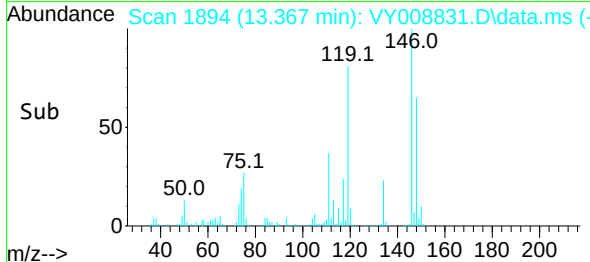
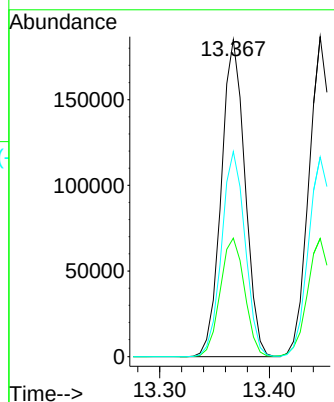
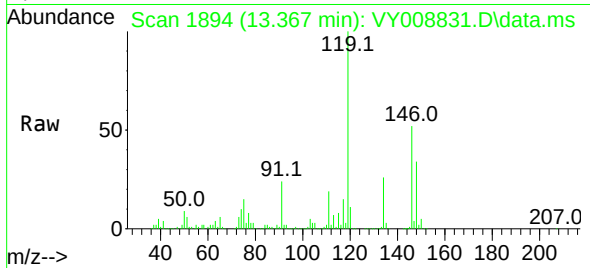




#87
 1,3-Dichlorobenzene
 Concen: 52.908 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

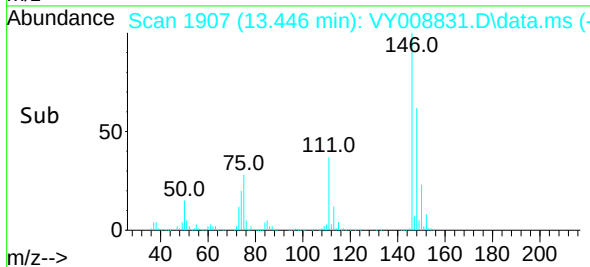
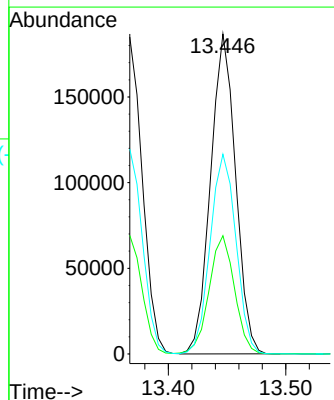
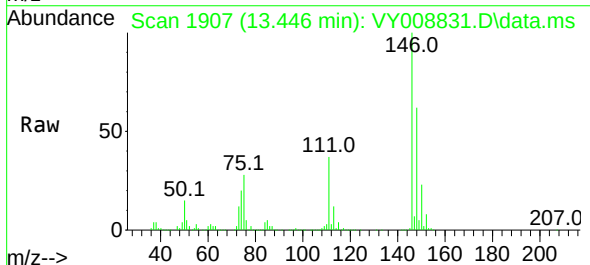
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

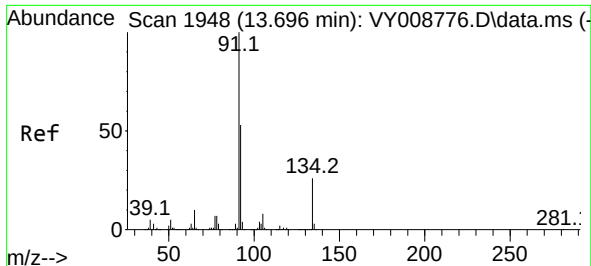
Tgt Ion:146 Resp: 277930
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 64.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 53.283 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008831.D
 Acq: 18 May 2022 22:16

Tgt Ion:146 Resp: 276856
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.3 57.8
 148 64.5 32.6 97.8

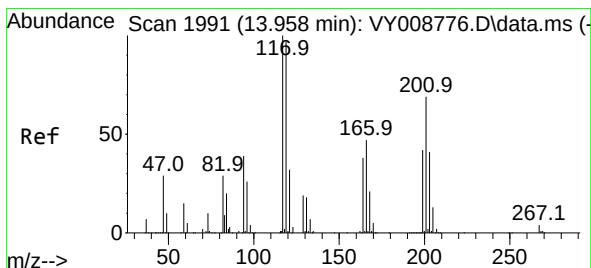
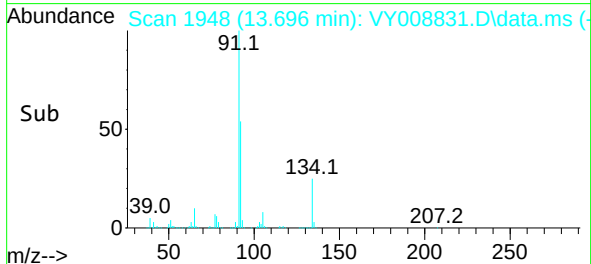
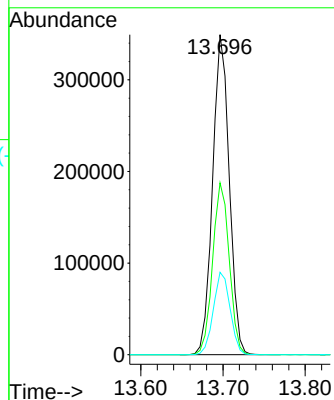
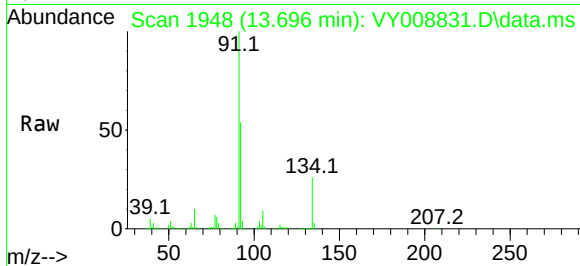




#89
n-Butylbenzene
Concen: 51.959 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

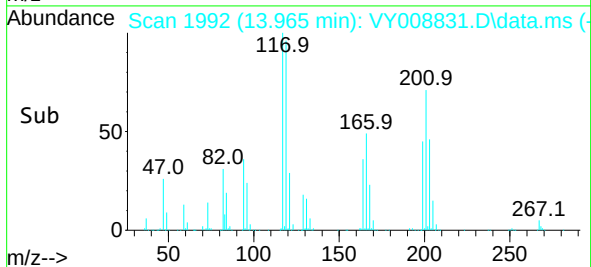
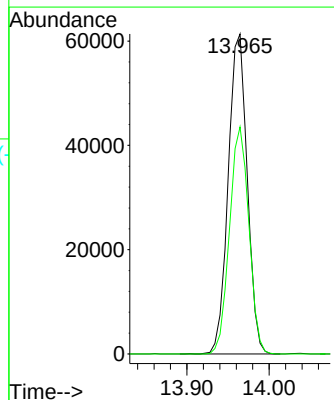
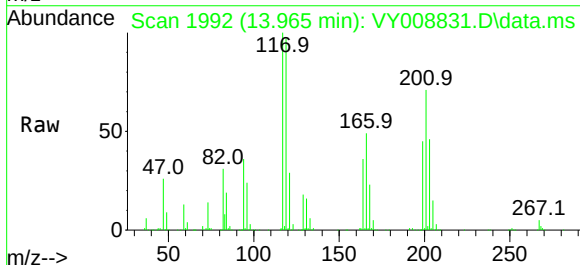
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

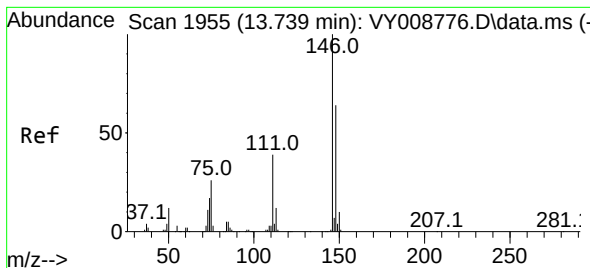
Tgt Ion: 91 Resp: 491551
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 52.243 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008831.D
Acq: 18 May 2022 22:16

Tgt Ion: 117 Resp: 98445
Ion Ratio Lower Upper
117 100
201 72.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 54.226 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

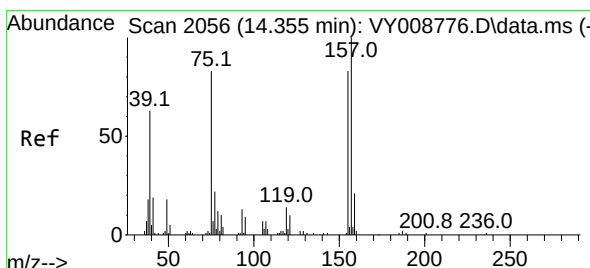
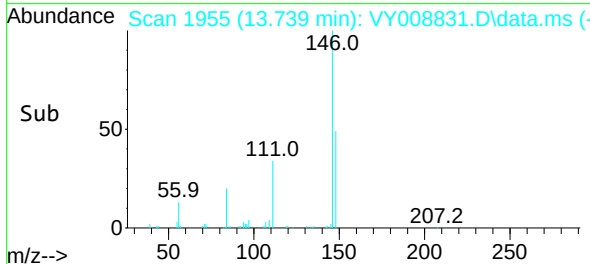
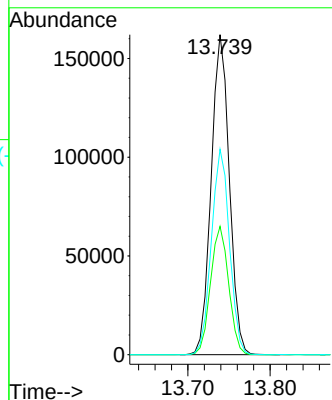
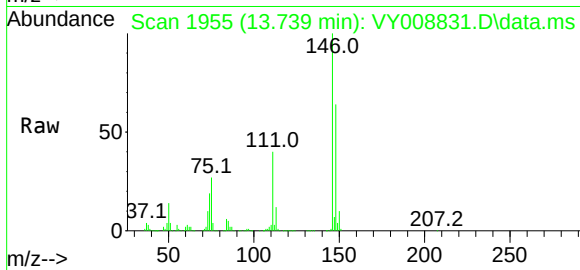
Tgt Ion:146 Resp: 249102

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.060 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

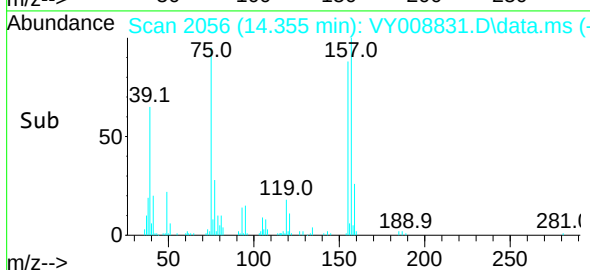
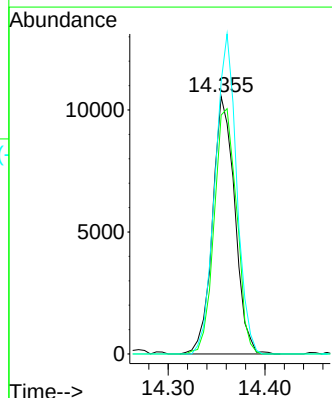
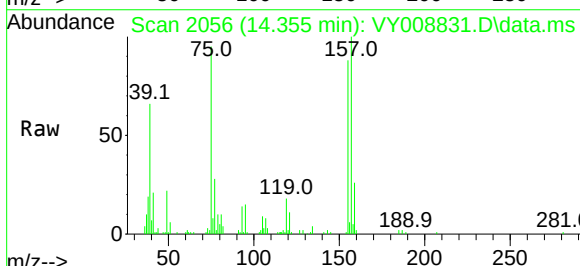
Tgt Ion: 75 Resp: 16840

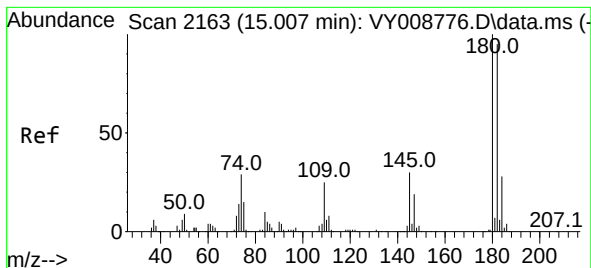
Ion Ratio Lower Upper

75 100

155 96.1 38.0 113.9

157 120.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 51.320 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

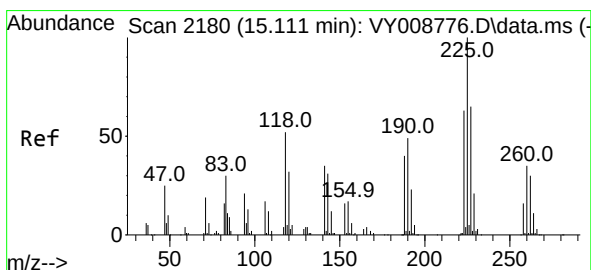
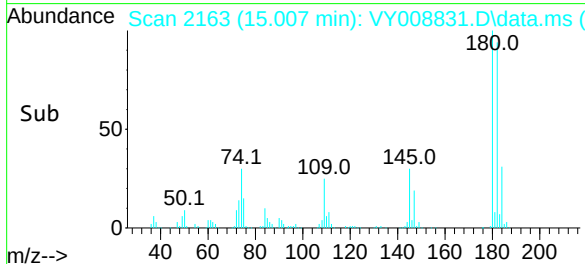
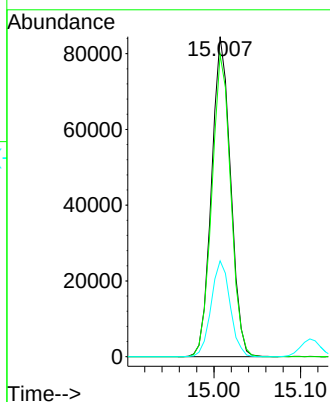
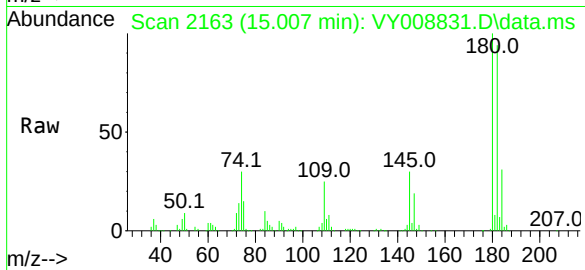
Tgt Ion:180 Resp: 128738

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.970 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

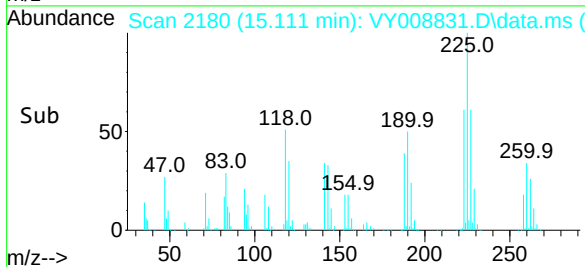
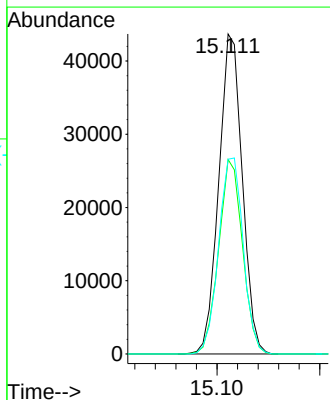
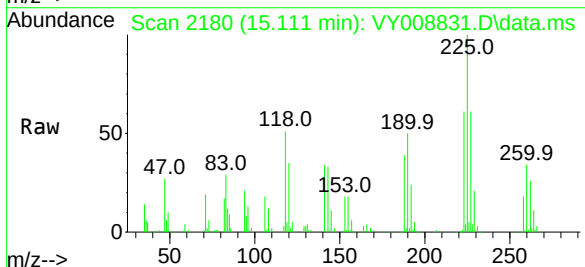
Tgt Ion:225 Resp: 69245

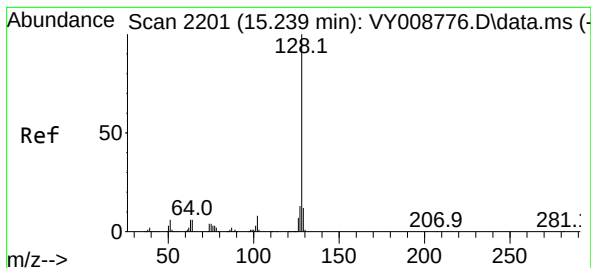
Ion Ratio Lower Upper

225 100

223 61.7 30.8 92.3

227 64.1 31.6 94.7





#95

Naphthalene

Concen: 48.954 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

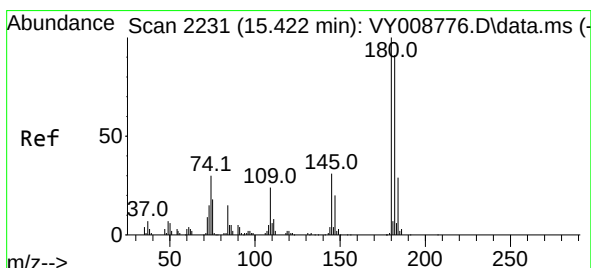
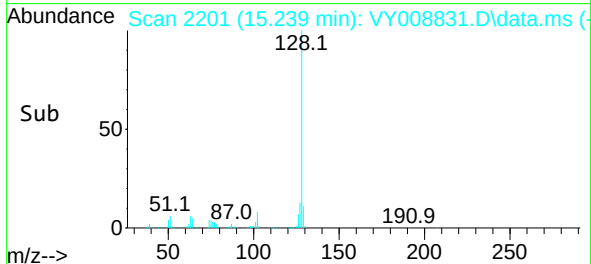
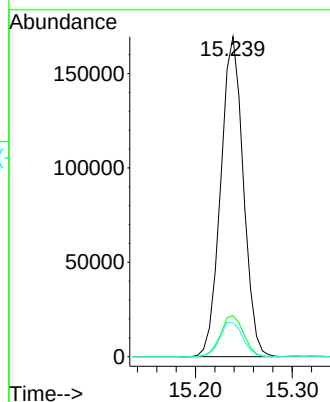
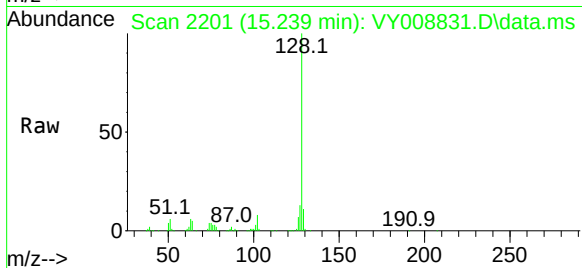
Tgt Ion:128 Resp: 274528

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.640 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008831.D

Acq: 18 May 2022 22:16

Tgt Ion:180 Resp: 113798

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 30.5 15.3 45.9

