

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007386.D
 Acq On : 04 Feb 2022 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 23:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83347	49.266	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.716	113	77534	49.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.179	98	290135	49.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.483	95	97211	49.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77395	44.945	ug/l	100
3) Chloromethane	2.113	50	85387	44.946	ug/l	95
4) Vinyl Chloride	2.253	62	90731	44.681	ug/l	99
5) Bromomethane	2.650	94	60002	48.783	ug/l	99
6) Chloroethane	2.790	64	55023	44.121	ug/l	98
7) Trichlorofluoromethane	3.125	101	155598	47.285	ug/l	95
8) Diethyl Ether	3.527	74	48086	49.230	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	88319	47.656	ug/l	92
10) Methyl Iodide	4.088	142	100789	50.449	ug/l	95
11) Tert butyl alcohol	4.942	59	47117	240.672	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	81171	47.416	ug/l	87
13) Acrolein	3.729	56	54310	238.970	ug/l	95
14) Allyl chloride	4.479	41	126022	47.929	ug/l #	95
15) Acrylonitrile	5.161	53	120305	262.157	ug/l	99
16) Acetone	3.942	43	152984	278.433	ug/l	92
17) Carbon Disulfide	4.192	76	252937	47.064	ug/l	99
18) Methyl Acetate	4.472	43	53779	52.258	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	238127	49.373	ug/l	94
20) Methylene Chloride	4.710	84	86085	48.263	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	88496	46.729	ug/l	89
22) Diisopropyl ether	6.112	45	256901	46.630	ug/l	95
23) Vinyl Acetate	6.058	43	889862	247.661	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	156149	46.928	ug/l	99
25) 2-Butanone	6.984	43	176404	265.733	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	148436	46.622	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	100317	47.956	ug/l	89
28) Bromochloromethane	7.332	49	63704	48.964	ug/l #	85
29) Tetrahydrofuran	7.338	42	100815	262.812	ug/l #	87
30) Chloroform	7.502	83	161015	46.518	ug/l	99
31) Cyclohexane	7.783	56	147021	44.537	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	152995	47.558	ug/l	95
36) 1,1-Dichloropropene	7.917	75	129215	46.797	ug/l	99
37) Ethyl Acetate	7.070	43	69963	50.966	ug/l	96
38) Carbon Tetrachloride	7.899	117	136027	46.891	ug/l	99
39) Methylcyclohexane	9.179	83	163374	47.114	ug/l	90
40) Benzene	8.161	78	341988	46.726	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	94242	138.153	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	106588	47.907	ug/l	95
43) Isopropyl Acetate	8.271	43	133605	52.043	ug/l #	93
44) Trichloroethene	8.935	130	93354	47.174	ug/l	88
45) 1,2-Dichloropropane	9.216	63	84080	46.589	ug/l	97
46) Dibromomethane	9.301	93	52323	48.730	ug/l	92
47) Bromodichloromethane	9.496	83	122820	47.303	ug/l	99
48) Methyl methacrylate	9.289	41	59900	51.594	ug/l #	89
49) 1,4-Dioxane	9.295	88	14063	1195.685	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	343438	263.777	ug/l	91
52) Toluene	10.240	92	216392	46.925	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	132128	48.711	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	145804	47.990	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	68917	48.871	ug/l	99
56) Ethyl methacrylate	10.508	69	100273	51.194	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	121785	48.709	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	251969	247.304	ug/l	96
59) 2-Hexanone	10.831	43	254808	268.441	ug/l	90
60) Dibromochloromethane	10.983	129	85729	48.832	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69656	49.927	ug/l	100
64) Tetrachloroethene	10.721	164	80538	47.631	ug/l	97
65) Chlorobenzene	11.514	112	226697	47.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	85578	47.829	ug/l	98
67) Ethyl Benzene	11.593	91	428497	47.112	ug/l	100
68) m/p-Xylenes	11.703	106	319039	94.709	ug/l	100
69) o-Xylene	12.026	106	151984	47.720	ug/l	99
70) Styrene	12.044	104	253145	48.216	ug/l	99
71) Bromoform	12.209	173	50488	51.144	ug/l #	99
73) Isopropylbenzene	12.331	105	410909	46.163	ug/l	98
74) N-amyl acetate	12.142	43	114002	51.742	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	81291	50.009	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	109564	94.626	ug/l #	100
77) Bromobenzene	12.605	156	87166	46.489	ug/l	96
78) n-propylbenzene	12.672	91	506787	47.005	ug/l	99
79) 2-Chlorotoluene	12.758	91	276493	46.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	339897	46.808	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	29826	51.607	ug/l #	72
82) 4-Chlorotoluene	12.855	91	285159	46.511	ug/l	98
83) tert-Butylbenzene	13.075	119	296547	46.911	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	334684	46.811	ug/l	99
85) sec-Butylbenzene	13.251	105	443097	46.732	ug/l	99
86) p-Isopropyltoluene	13.367	119	366498	47.449	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	172941	47.572	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	169070	46.655	ug/l	97
89) n-Butylbenzene	13.696	91	353257	47.518	ug/l	99
90) Hexachloroethane	13.959	117	68961	47.243	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	150184	46.934	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13993	52.972	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	92604	48.868	ug/l	97
94) Hexachlorobutadiene	15.111	225	50852	48.476	ug/l	98
95) Naphthalene	15.233	128	215025	54.603	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	81517	50.961	ug/l	97

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QLast Update : Thu Feb 03 04:36:48 2022
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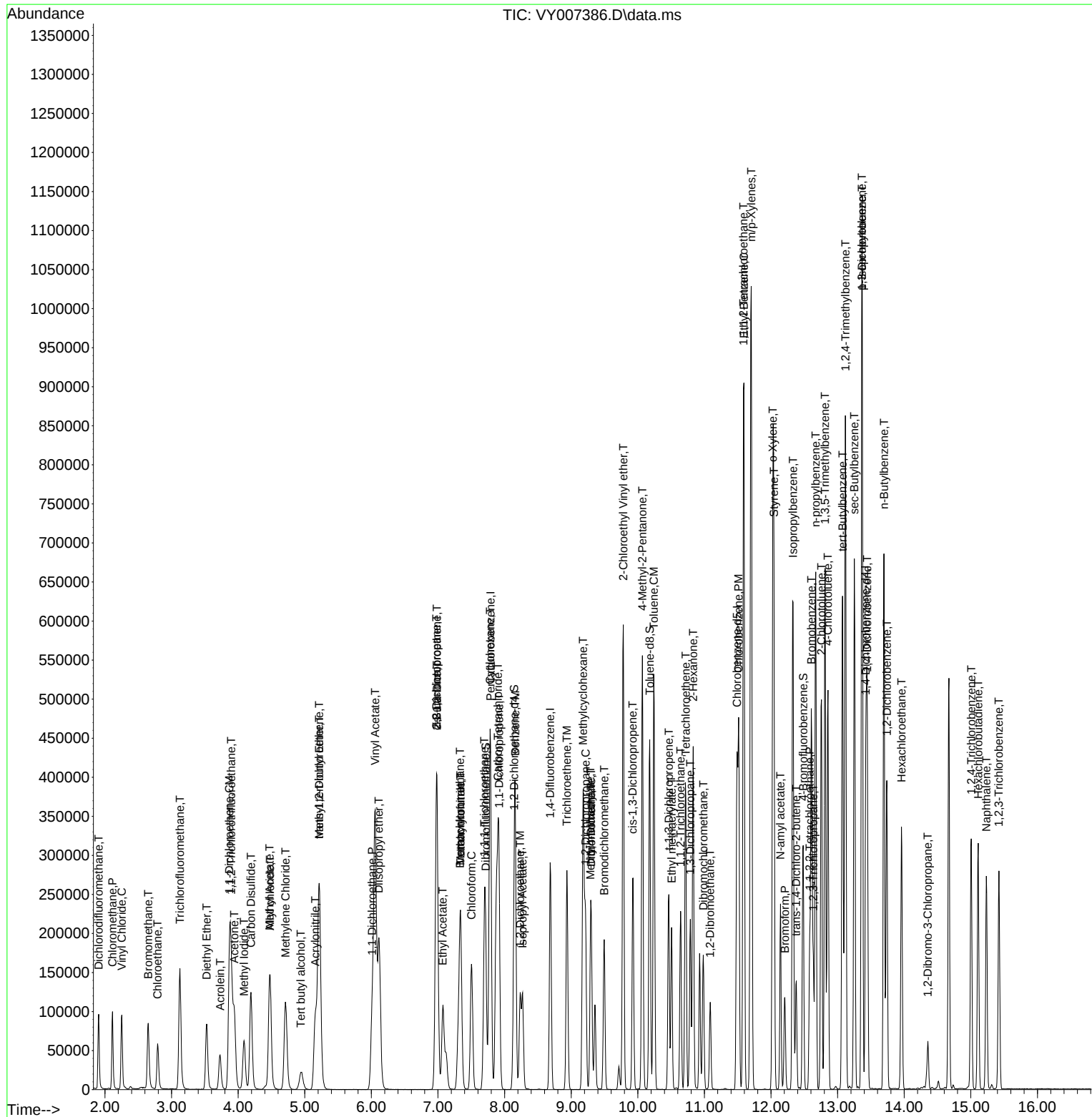
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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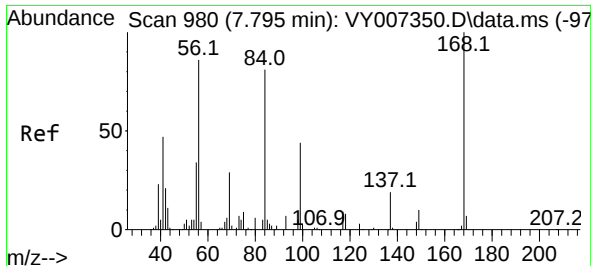
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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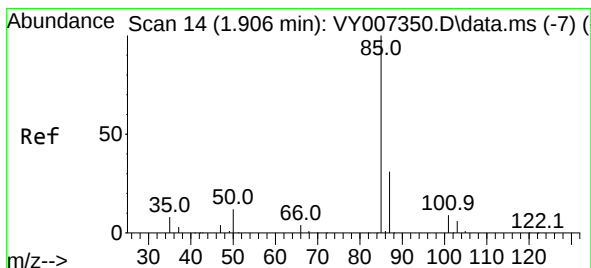
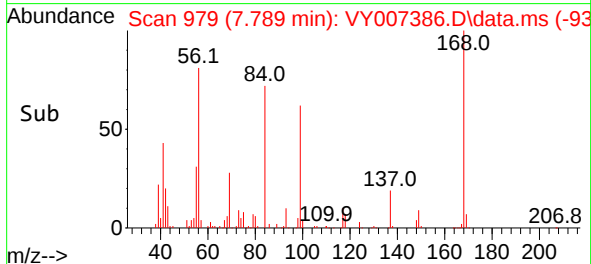
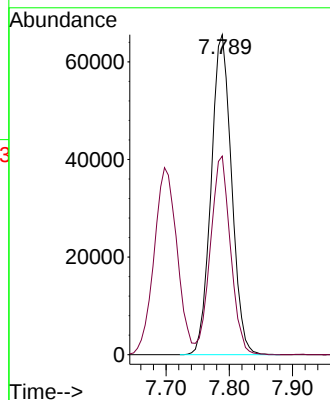
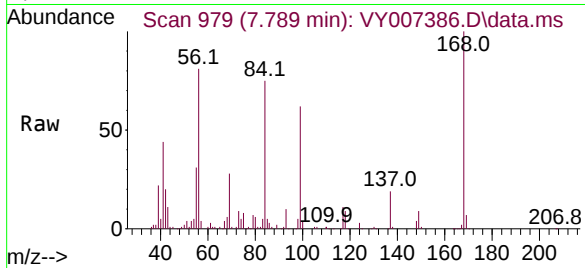




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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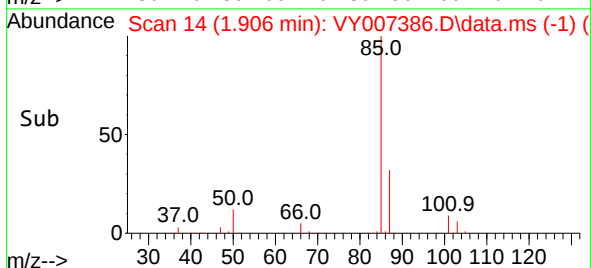
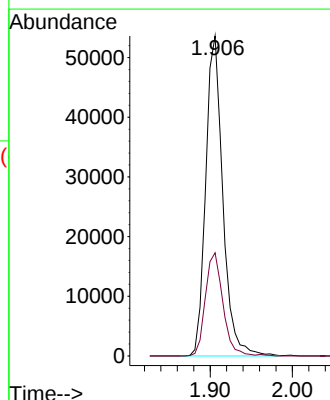
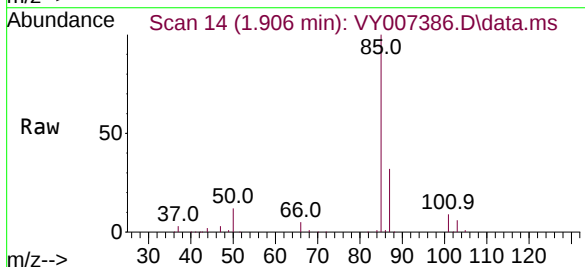
Instrument :
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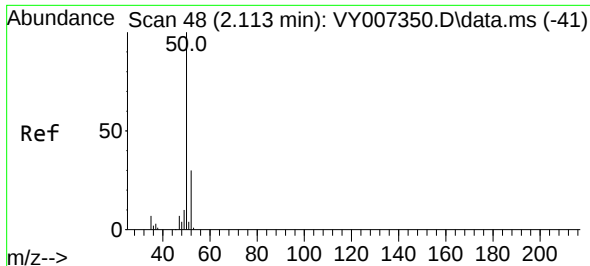
Tgt Ion:168 Resp: 147080
Ion Ratio Lower Upper
168 100
99 62.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 44.945 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 85 Resp: 77395
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

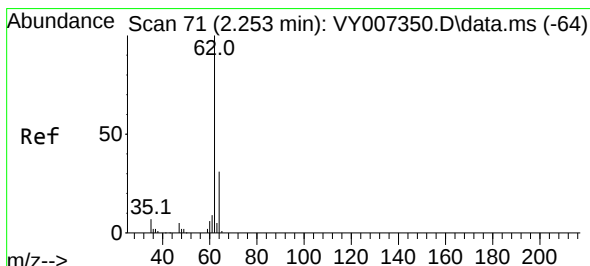
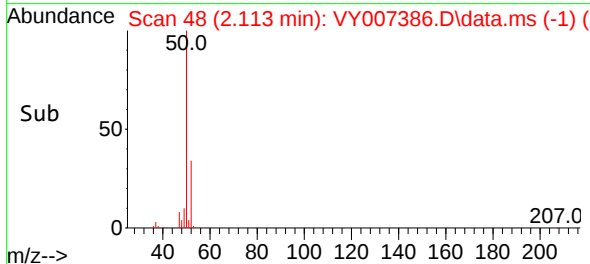
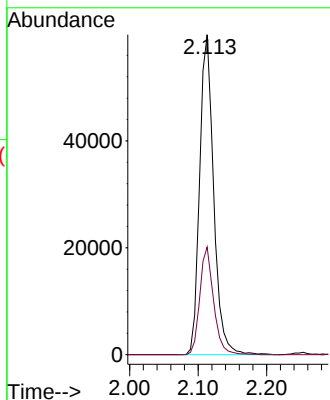
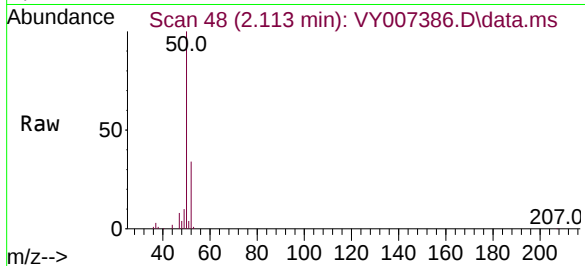




#3
Chloromethane
Concen: 44.946 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

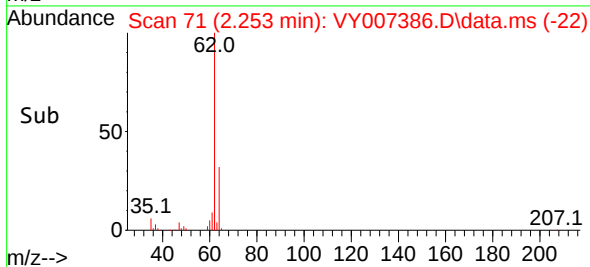
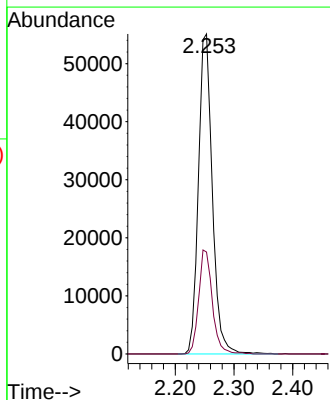
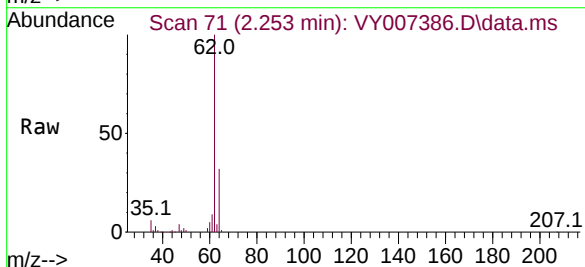
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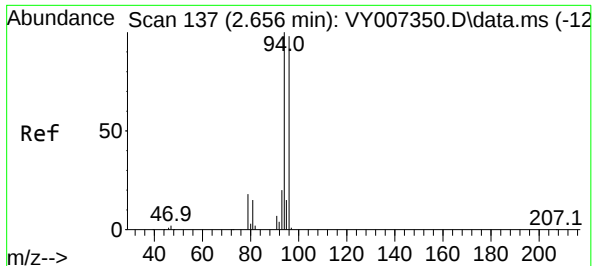
Tgt Ion: 50 Resp: 85387
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0



#4
Vinyl Chloride
Concen: 44.681 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 62 Resp: 90731
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

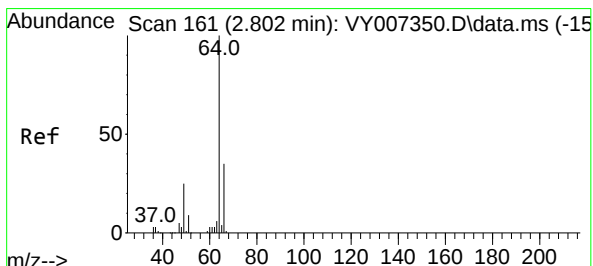
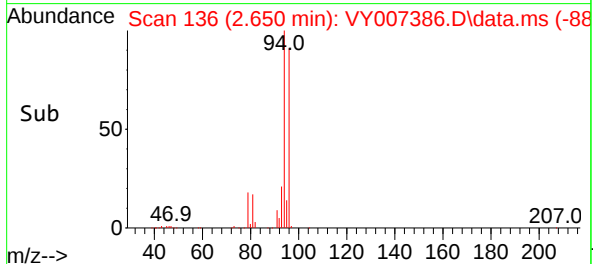
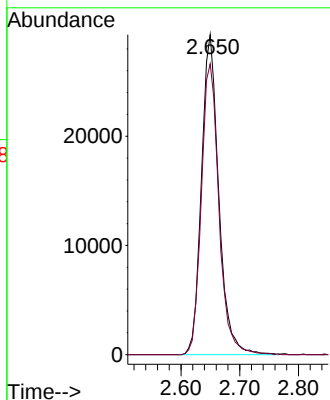
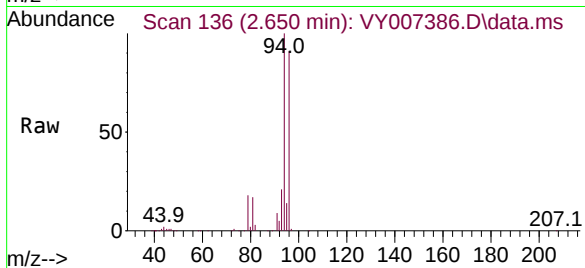




#5
Bromomethane
Concen: 48.783 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007386.D
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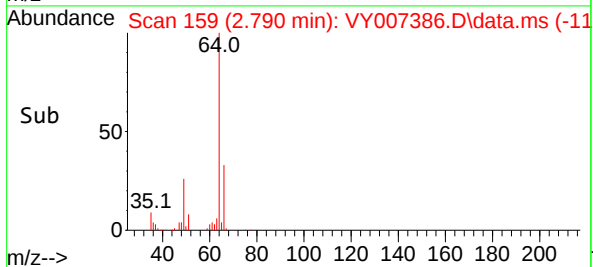
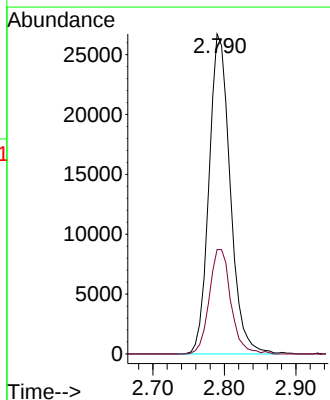
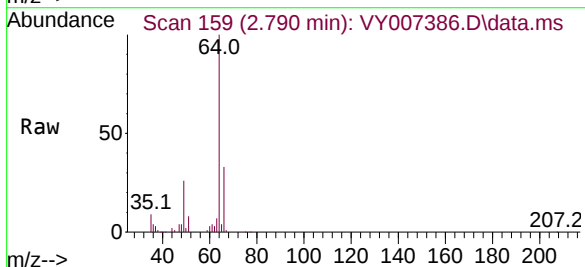
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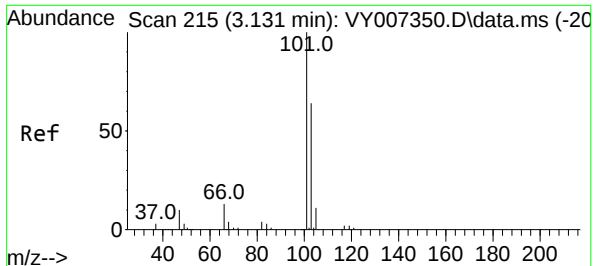
Tgt Ion: 94 Resp: 60002
Ion Ratio Lower Upper
94 100
96 90.9 73.5 110.3



#6
Chloroethane
Concen: 44.121 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 55023
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

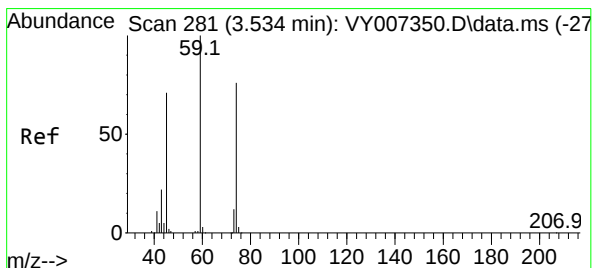
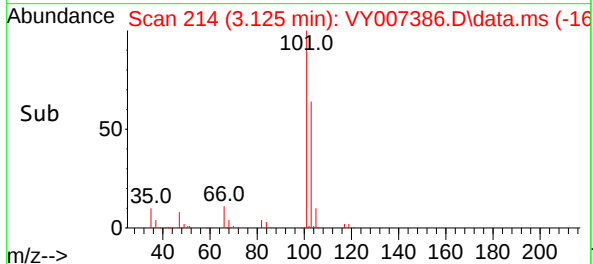
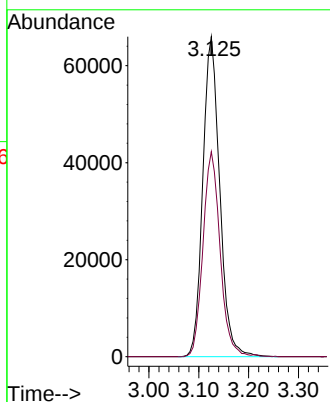
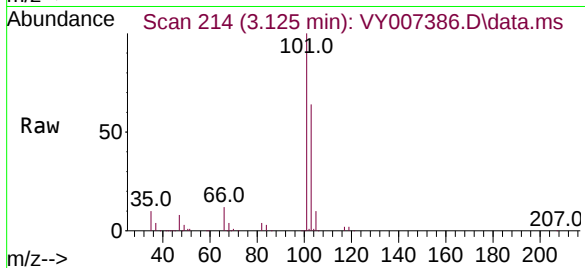




#7
Trichlorofluoromethane
Concen: 47.285 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007386.D
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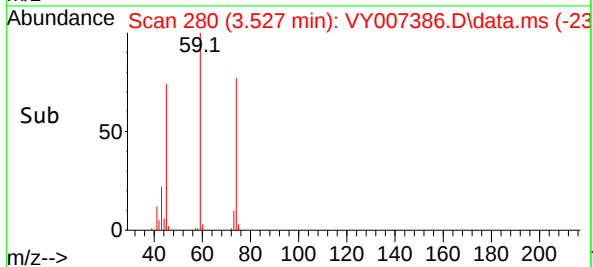
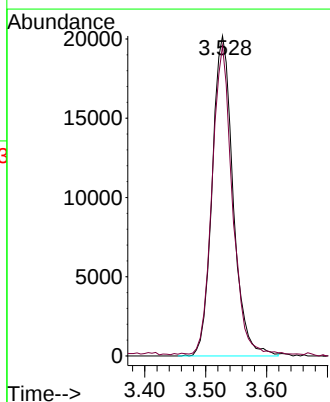
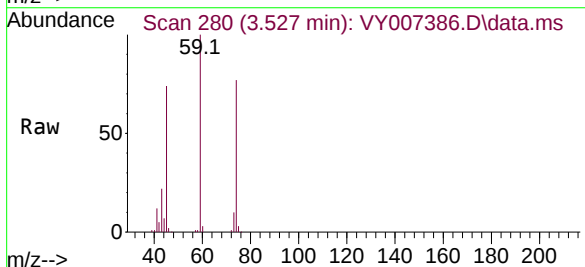
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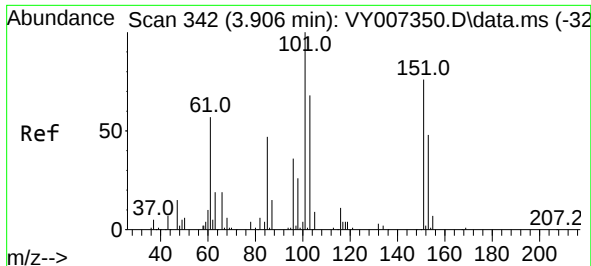
Tgt Ion:101 Resp: 155598
Ion Ratio Lower Upper
101 100
103 64.0 48.0 72.0



#8
Diethyl Ether
Concen: 49.230 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY007386.D
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Tgt Ion: 74 Resp: 48086
Ion Ratio Lower Upper
74 100
45 93.8 55.1 165.5

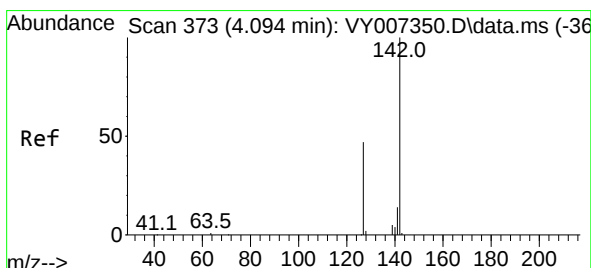
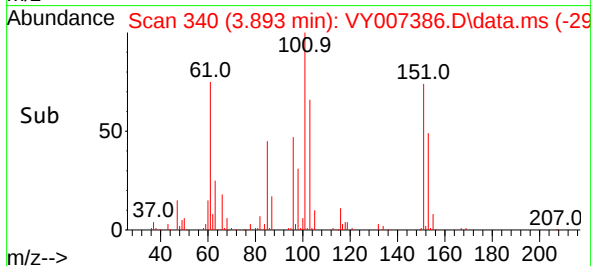
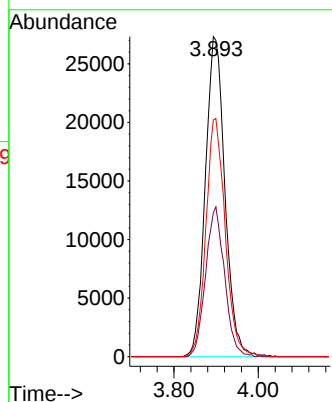
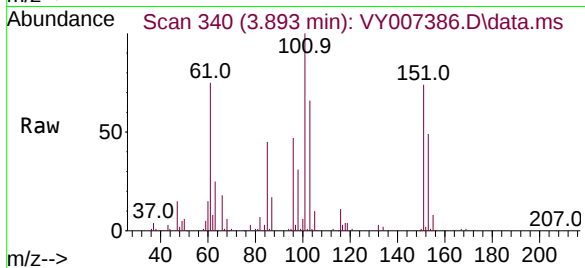




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.656 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

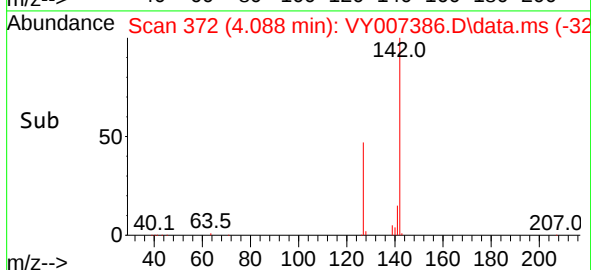
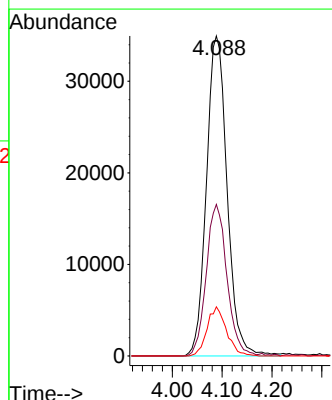
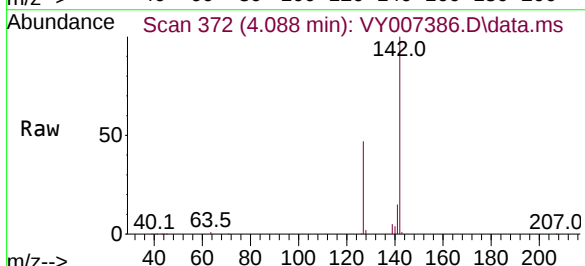
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

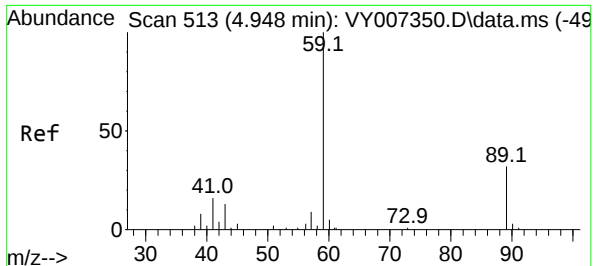
Tgt Ion:101 Resp: 88319
Ion Ratio Lower Upper
101 100
85 45.2 40.6 60.8
151 73.5 64.9 97.3



#10
Methyl Iodide
Concen: 50.449 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:142 Resp: 100789
Ion Ratio Lower Upper
142 100
127 47.4 41.5 62.3
141 14.5 11.9 17.9

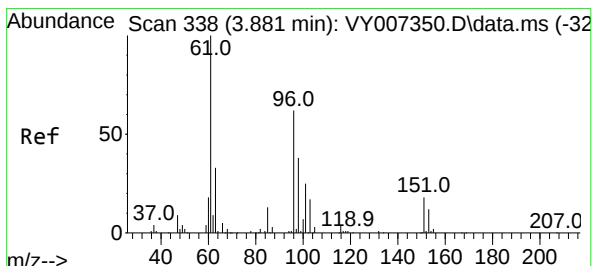
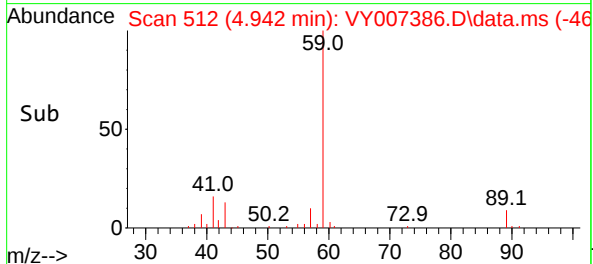
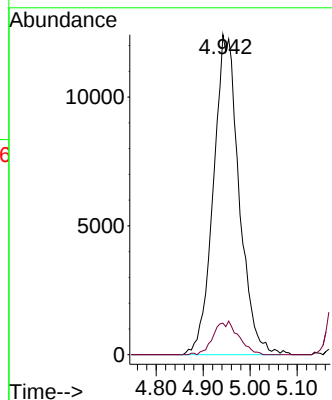
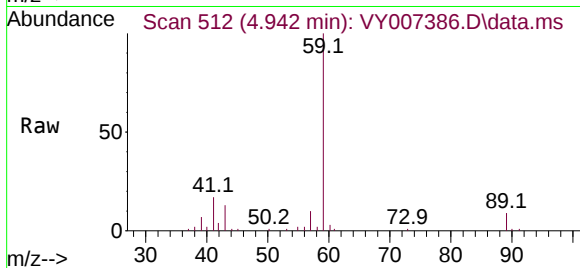




#11
Tert butyl alcohol
Concen: 240.672 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

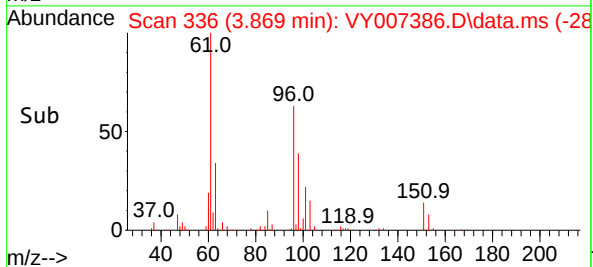
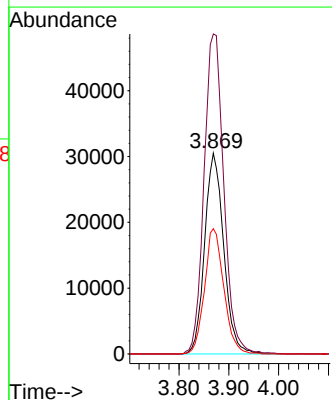
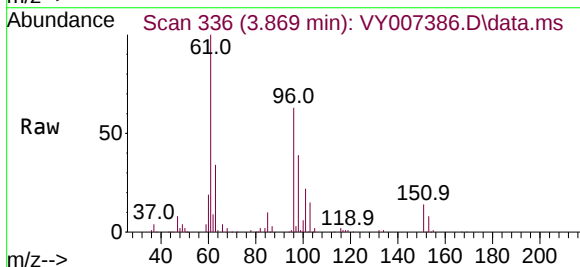
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

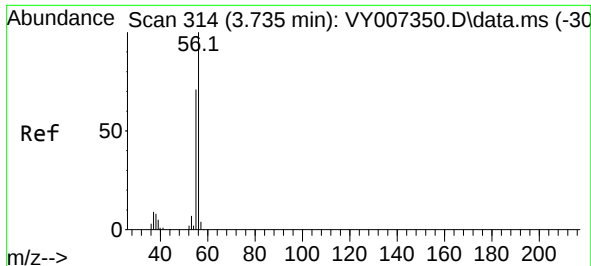
Tgt Ion: 59 Resp: 47117
Ion Ratio Lower Upper
59 100
57 10.3 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 47.416 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 96 Resp: 81171
Ion Ratio Lower Upper
96 100
61 159.4 145.8 218.6
98 62.4 52.5 78.7





#13

Acrolein

Concen: 238.970 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

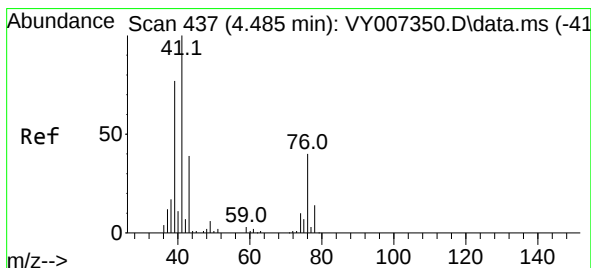
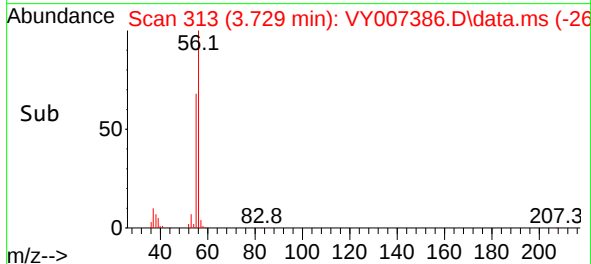
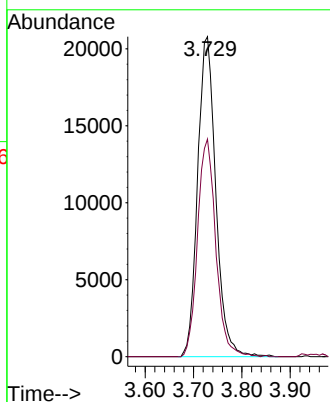
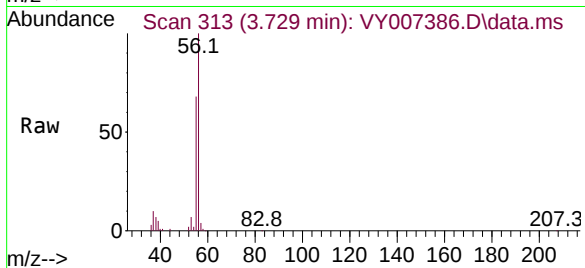
VSTDCCC050

Tgt Ion: 56 Resp: 54310

Ion Ratio Lower Upper

56 100

55 68.2 57.6 86.4



#14

Allyl chloride

Concen: 47.929 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

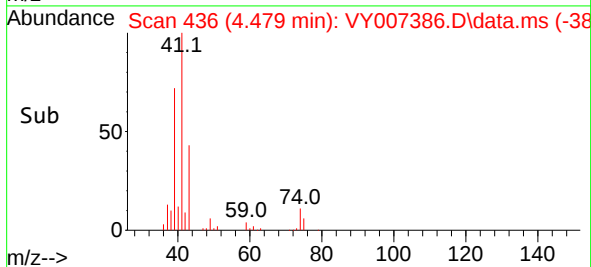
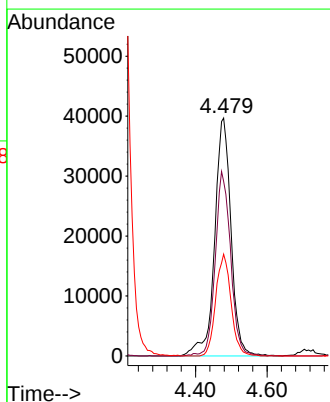
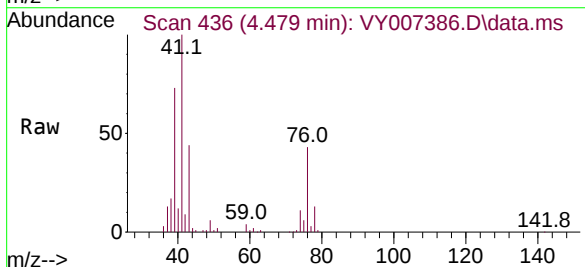
Tgt Ion: 41 Resp: 126022

Ion Ratio Lower Upper

41 100

39 72.8 58.8 88.2

76 39.8 25.1 37.7#

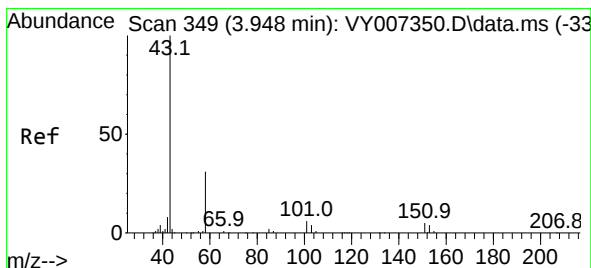
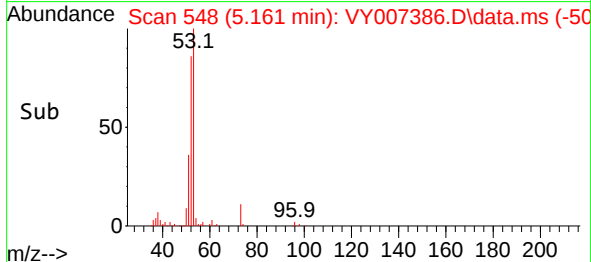
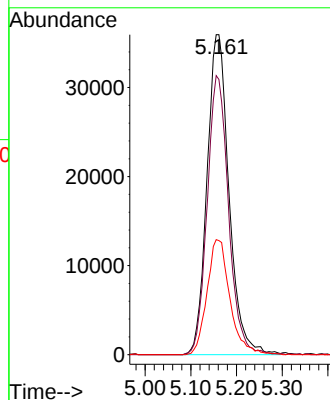
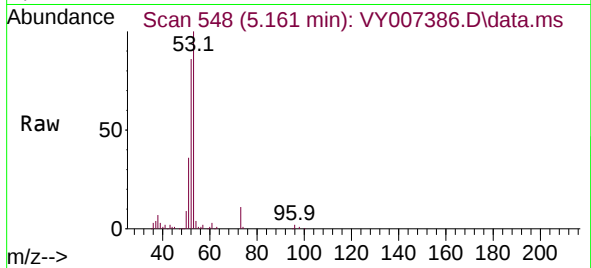




#15
Acrylonitrile
Concen: 262.157 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

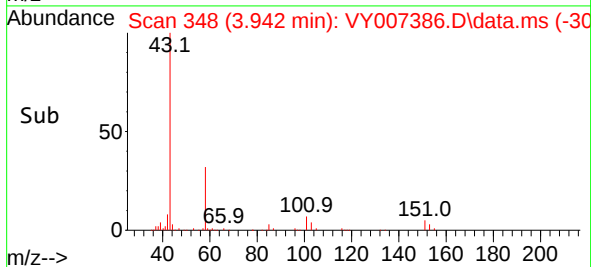
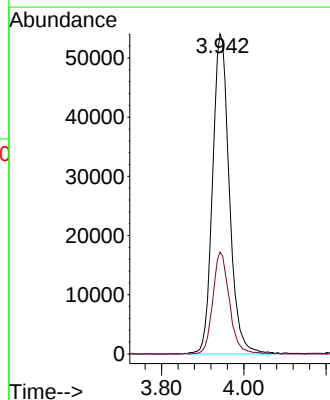
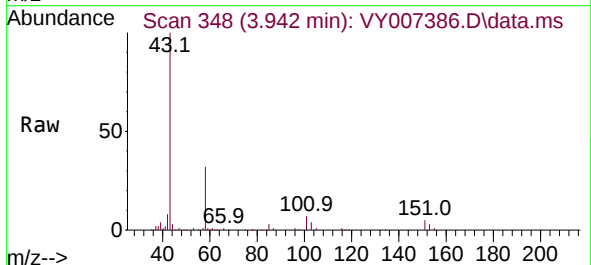
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 120305
Ion Ratio Lower Upper
53 100
52 84.7 67.0 100.4
51 37.4 29.8 44.6



#16
Acetone
Concen: 278.433 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 43 Resp: 152984
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0

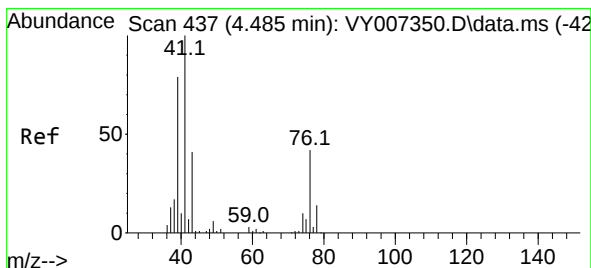
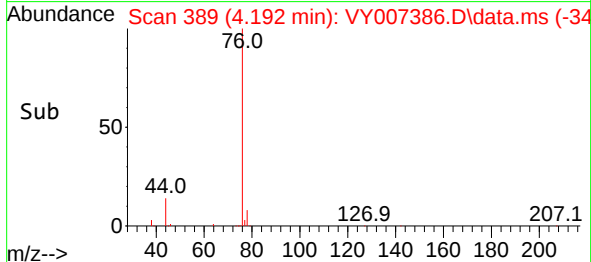
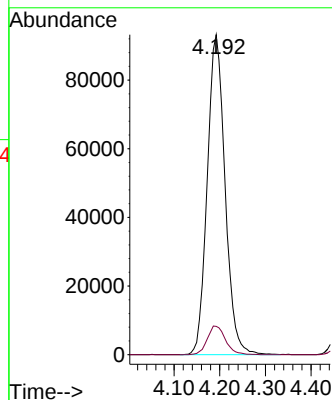
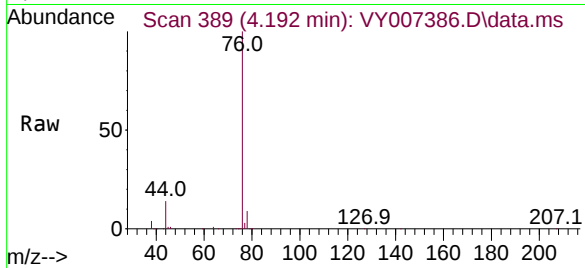




#17
Carbon Disulfide
Concen: 47.064 ug/l
RT: 4.192 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

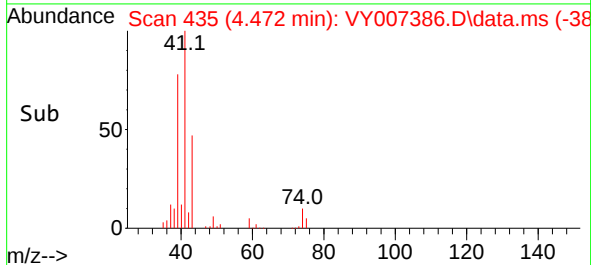
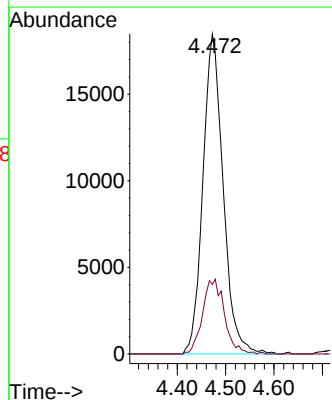
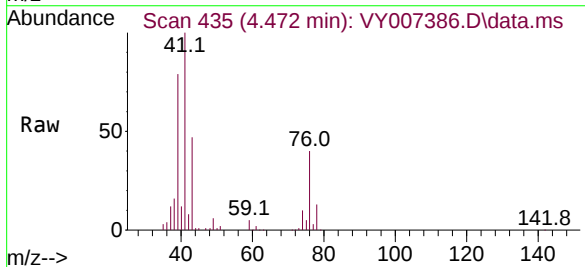
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

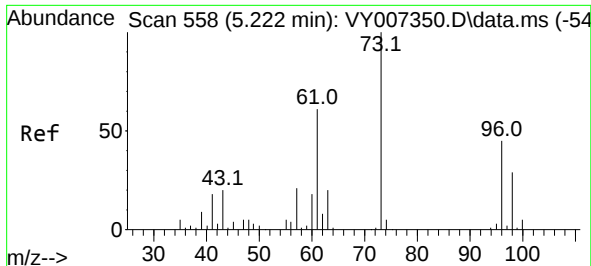
Tgt Ion: 76 Resp: 252937
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 52.258 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 43 Resp: 53779
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 49.373 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

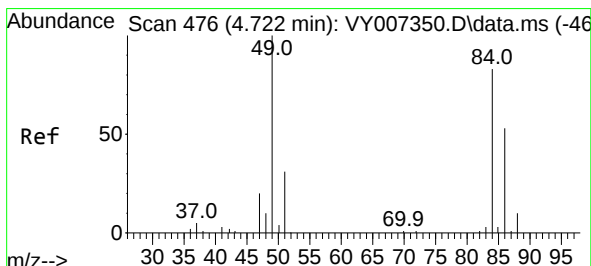
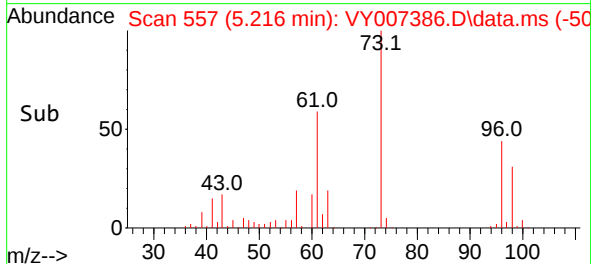
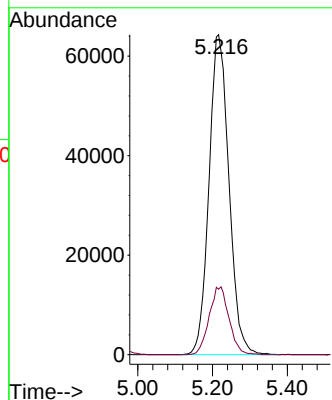
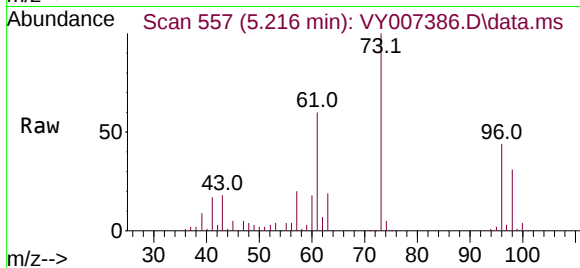
VSTDCCC050

Tgt Ion: 73 Resp: 238127

Ion Ratio Lower Upper

73 100

57 20.5 18.6 27.8



#20

Methylene Chloride

Concen: 48.263 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Tgt Ion: 84 Resp: 86085

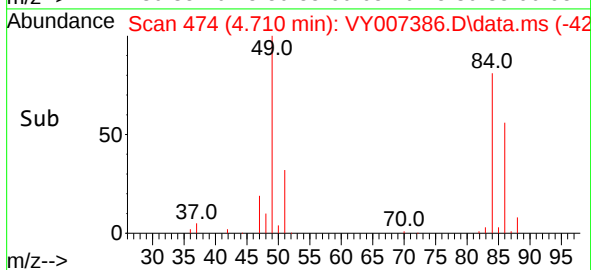
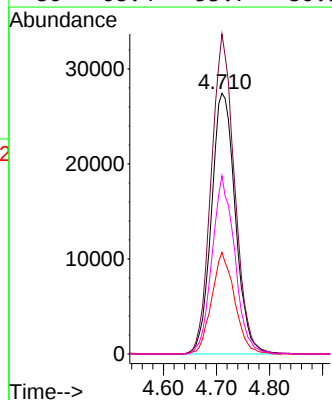
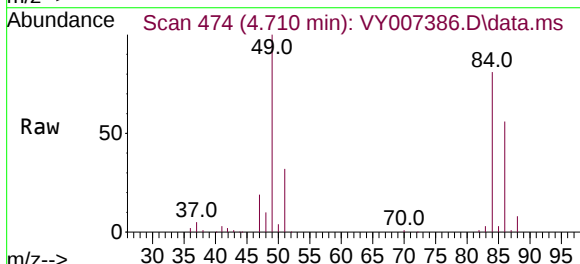
Ion Ratio Lower Upper

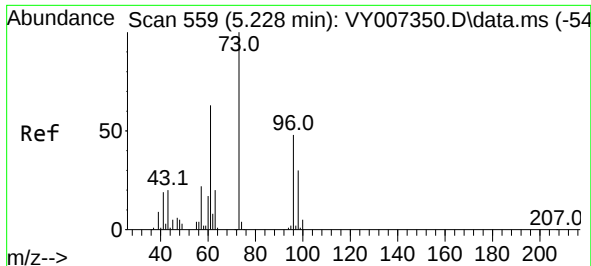
84 100

49 122.8 114.4 171.6

51 39.0 35.3 52.9

86 68.4 53.7 80.5

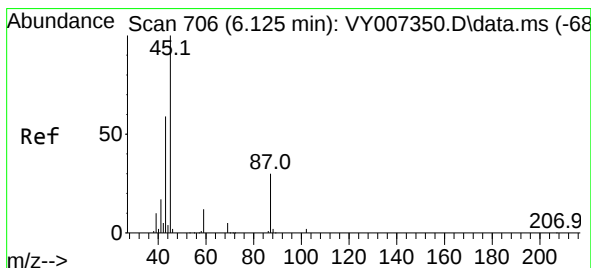
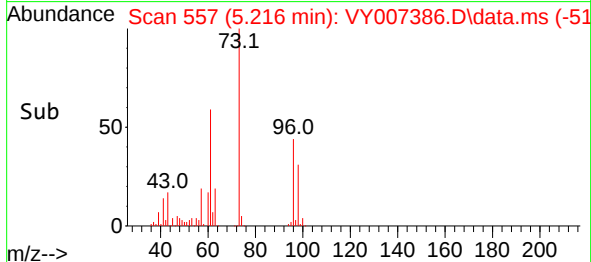
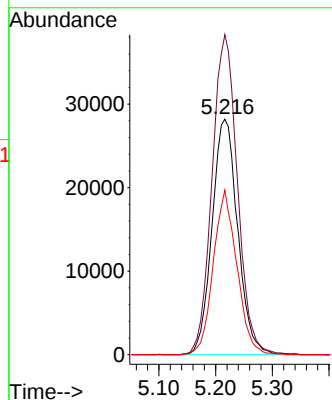
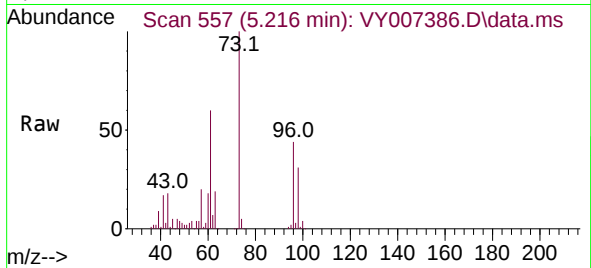




#21
trans-1,2-Dichloroethene
Concen: 46.729 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

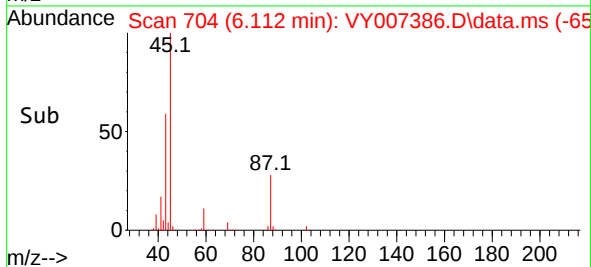
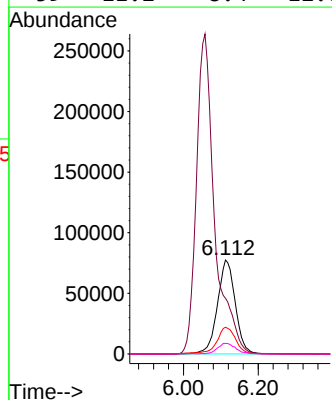
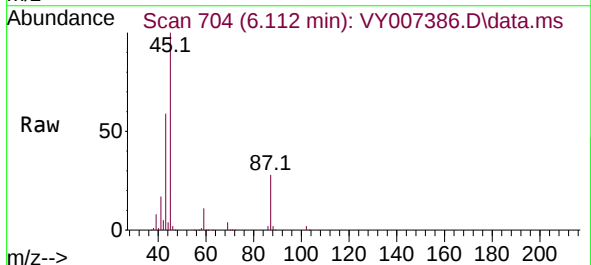
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

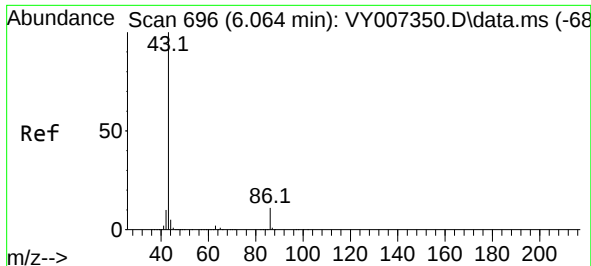
Tgt Ion: 96 Resp: 88496
Ion Ratio Lower Upper
96 100
61 135.9 120.5 180.7
98 69.8 49.8 74.8



#22
Diisopropyl ether
Concen: 46.630 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 45 Resp: 256901
Ion Ratio Lower Upper
45 100
43 59.1 49.3 73.9
87 28.4 19.2 28.8
59 11.2 8.4 12.6

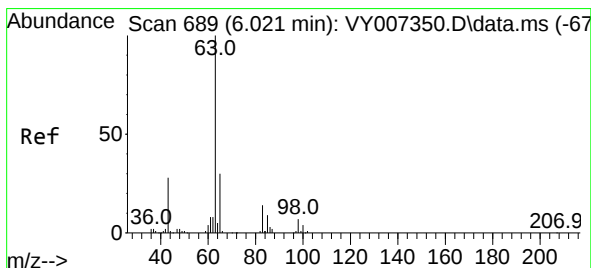
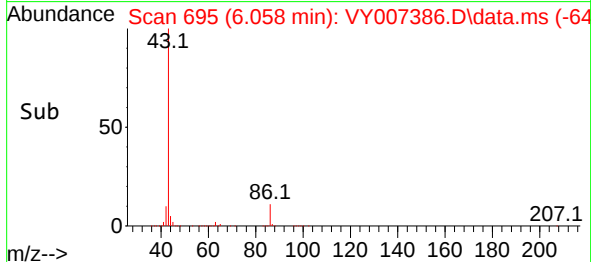
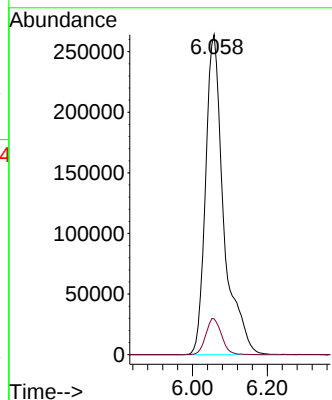
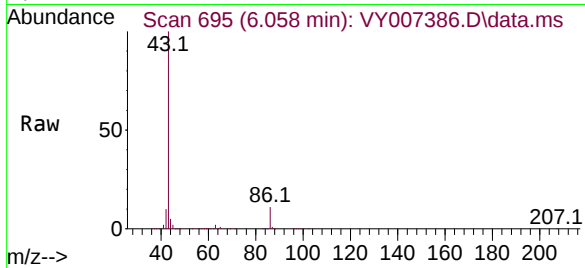




#23
 Vinyl Acetate
 Concen: 247.661 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY007386.D
 Acq: 04 Feb 2022 10:45

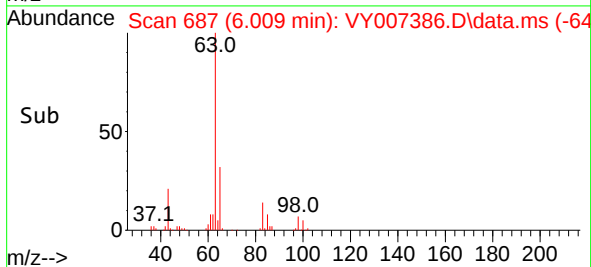
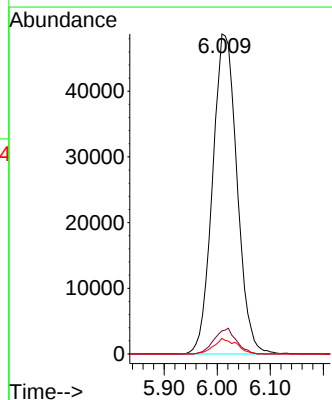
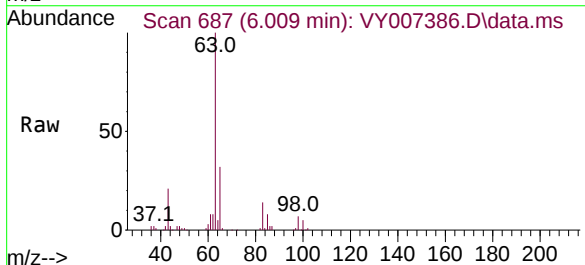
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

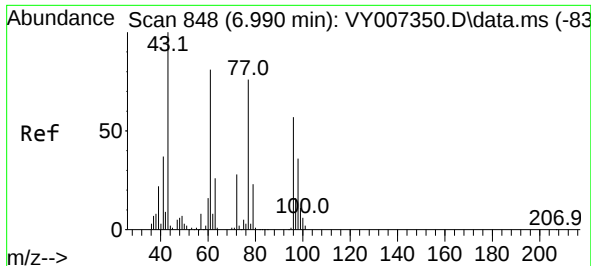
Tgt Ion: 43 Resp: 889862
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.928 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY007386.D
 Acq: 04 Feb 2022 10:45

Tgt Ion: 63 Resp: 156149
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 265.733 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

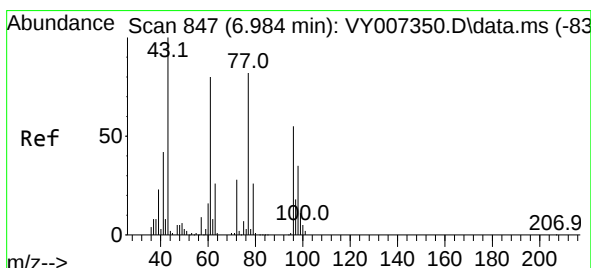
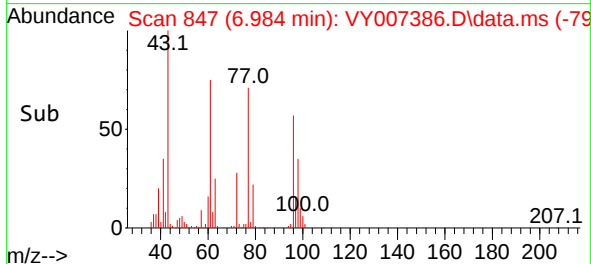
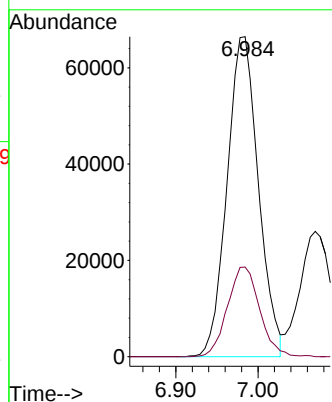
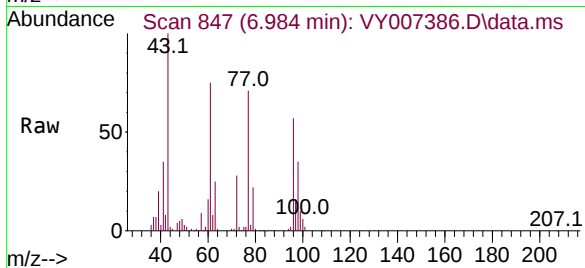
VSTDCCC050

Tgt Ion: 43 Resp: 176404

Ion Ratio Lower Upper

43 100

72 28.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.622 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY007386.D

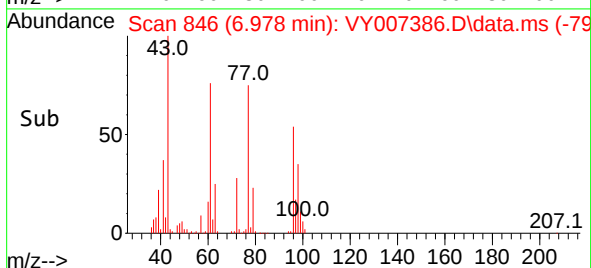
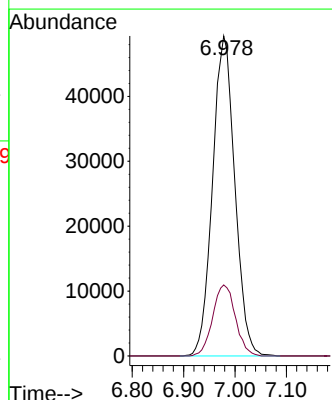
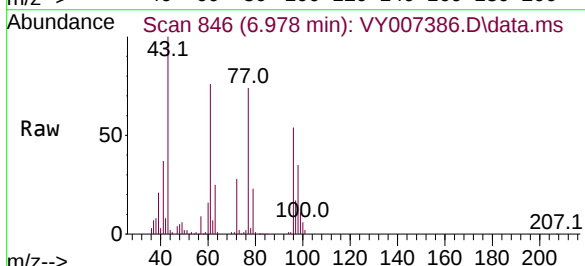
Acq: 04 Feb 2022 10:45

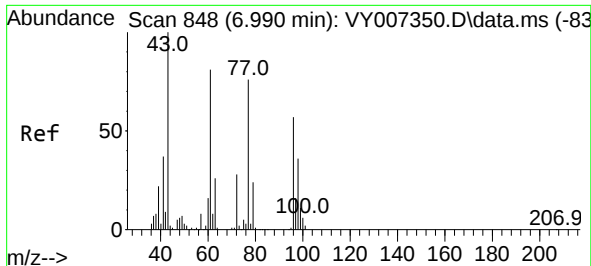
Tgt Ion: 77 Resp: 148436

Ion Ratio Lower Upper

77 100

97 22.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 47.956 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

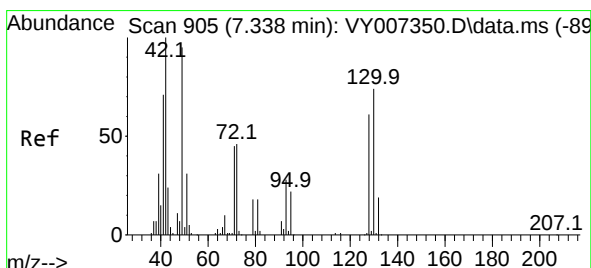
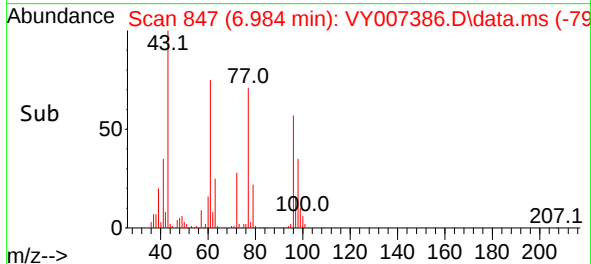
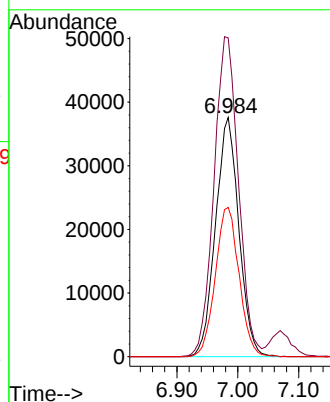
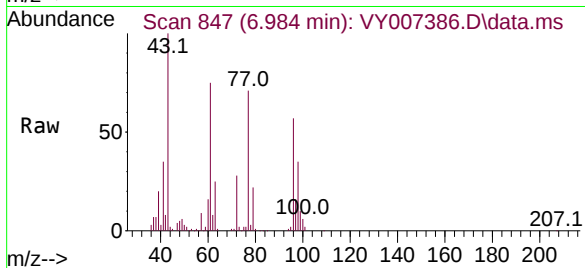
Tgt Ion: 96 Resp: 100317

Ion Ratio Lower Upper

96 100

61 140.0 0.0 319.8

98 63.4 0.0 127.0



#28

Bromochloromethane

Concen: 48.964 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

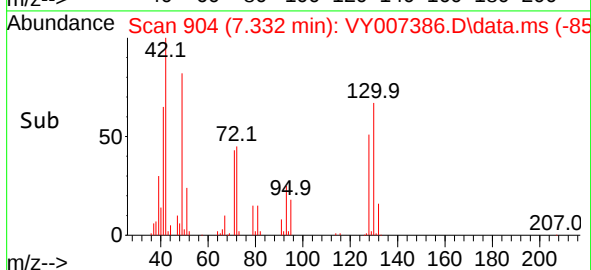
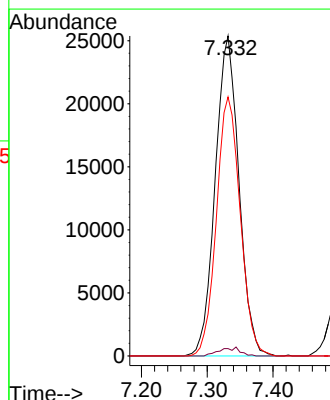
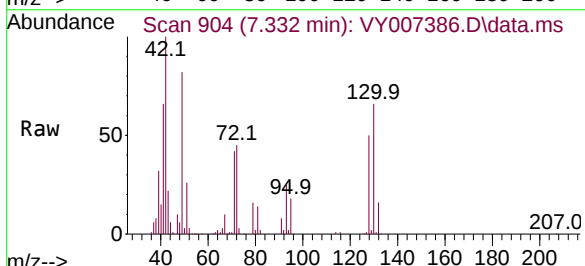
Tgt Ion: 49 Resp: 63704

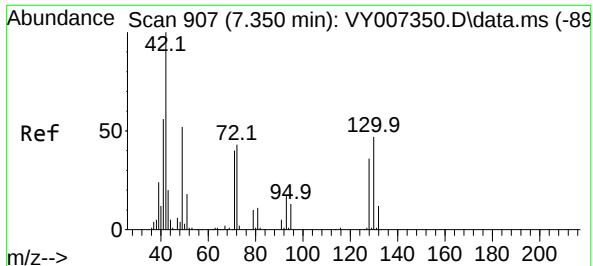
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 81.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 262.812 ug/l

RT: 7.338 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

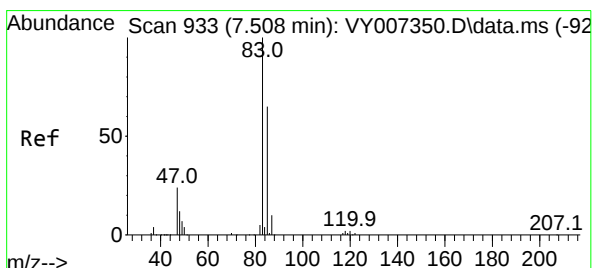
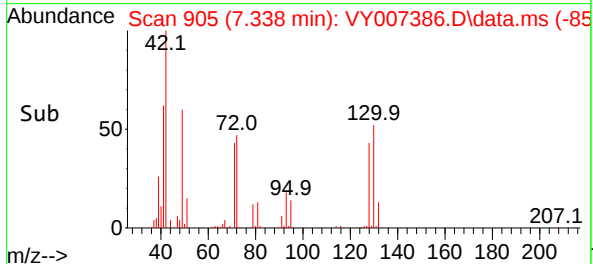
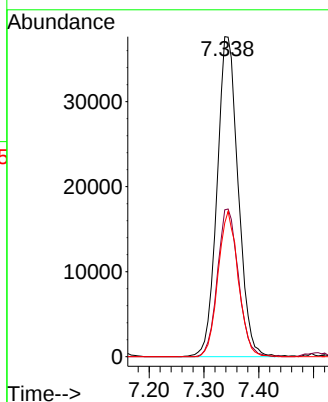
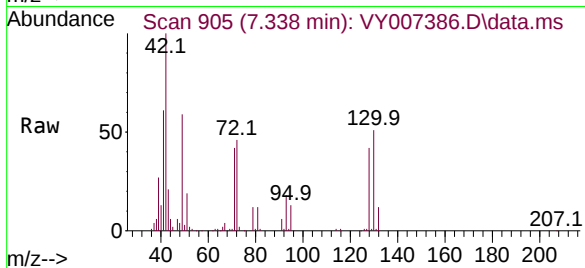
Tgt Ion: 42 Resp: 100815

Ion Ratio Lower Upper

42 100

72 45.9 30.3 45.5#

71 43.6 29.0 43.4#



#30

Chloroform

Concen: 46.518 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY007386.D

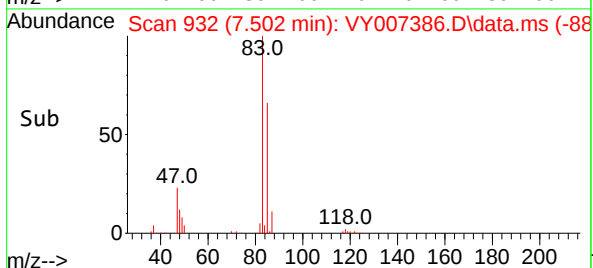
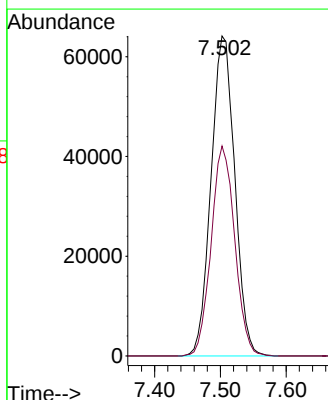
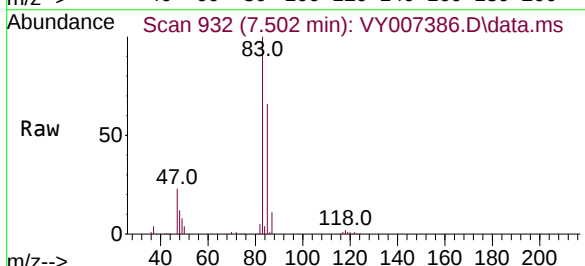
Acq: 04 Feb 2022 10:45

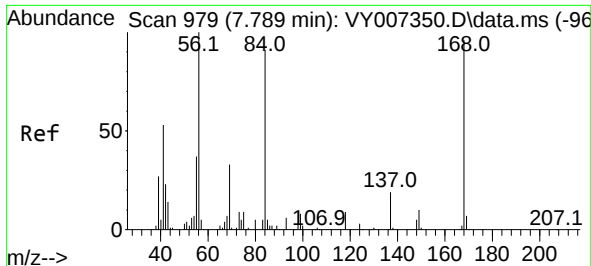
Tgt Ion: 83 Resp: 161015

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

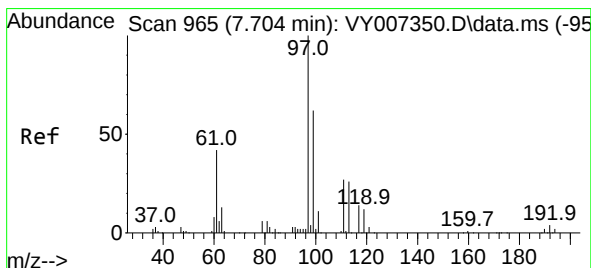
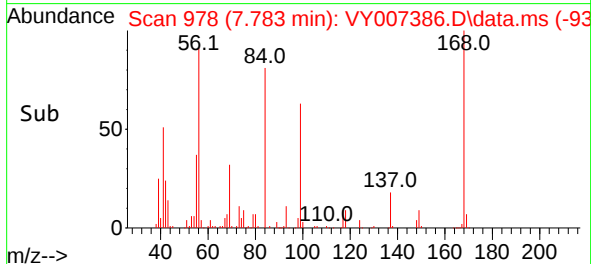
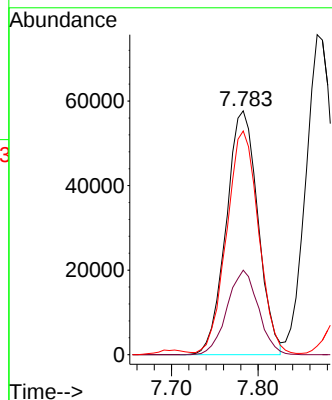
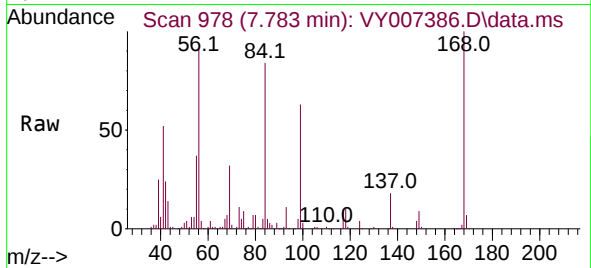




#31
Cyclohexane
Concen: 44.537 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

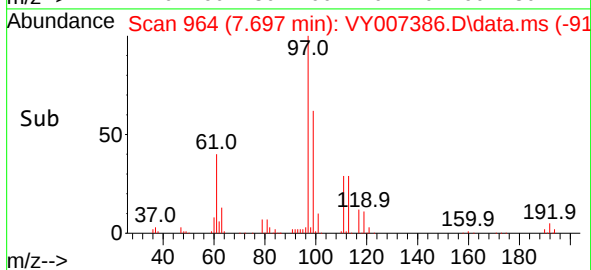
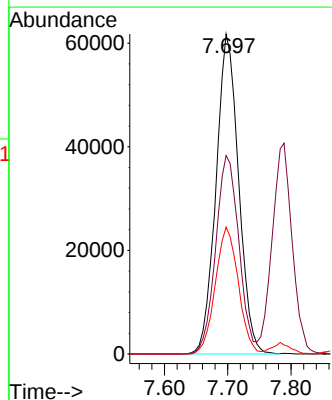
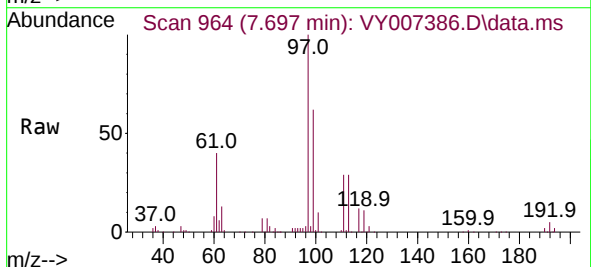
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

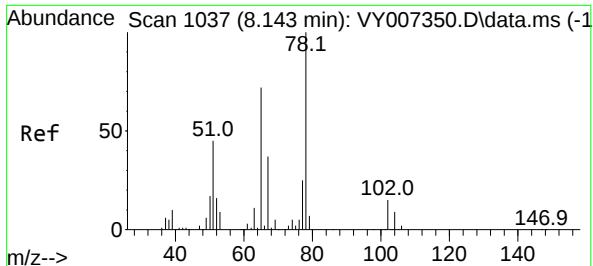
Tgt Ion: 56 Resp: 147021
Ion Ratio Lower Upper
56 100
69 34.7 26.7 40.1
84 90.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 47.558 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 97 Resp: 152995
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 40.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.266 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

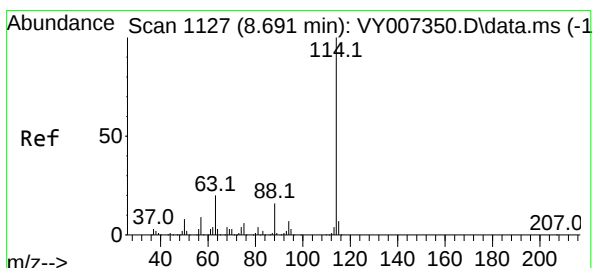
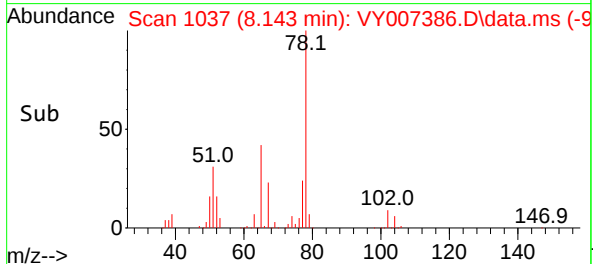
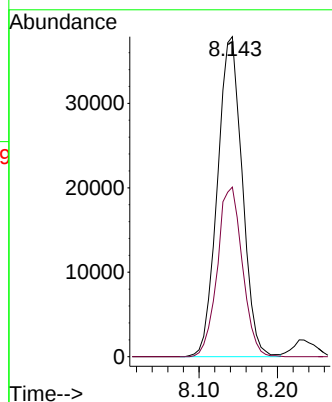
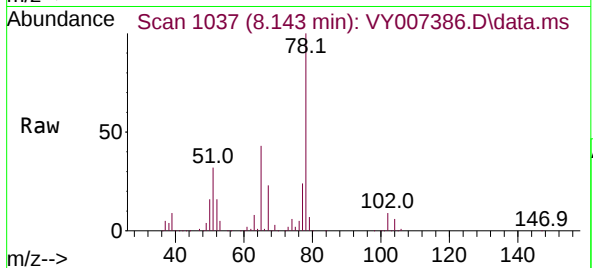
VSTDCCC050

Tgt Ion: 65 Resp: 83347

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

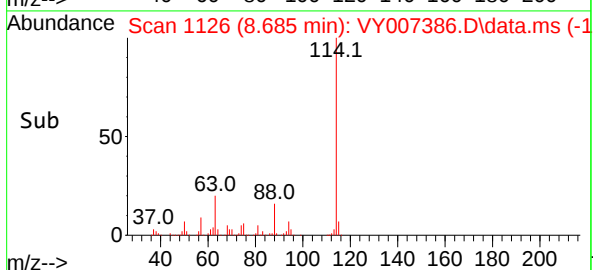
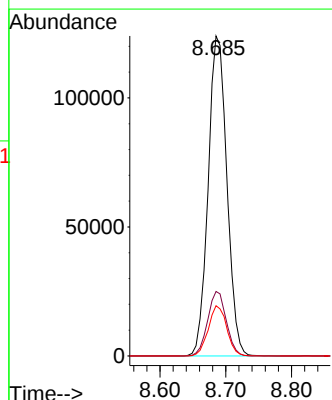
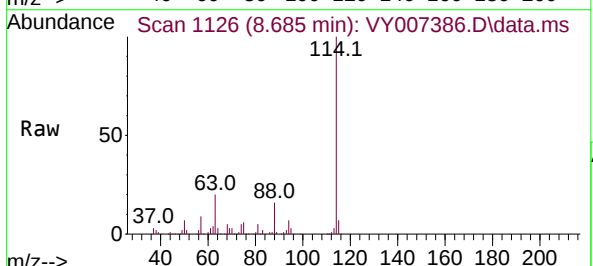
Tgt Ion: 114 Resp: 245962

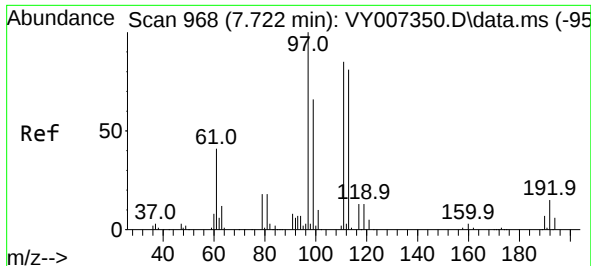
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.7 0.0 31.8

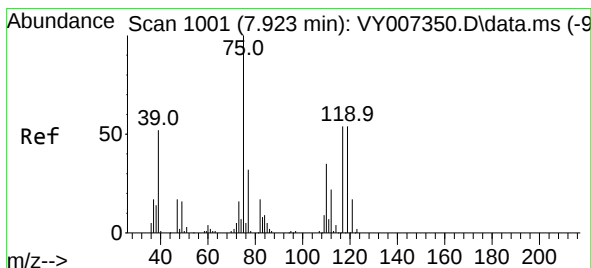
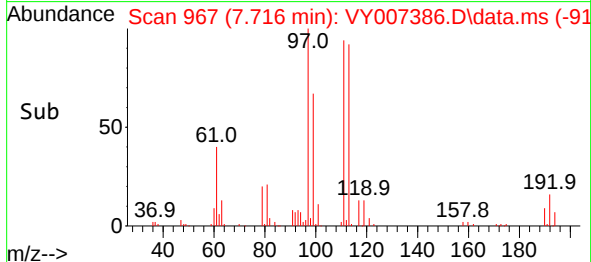
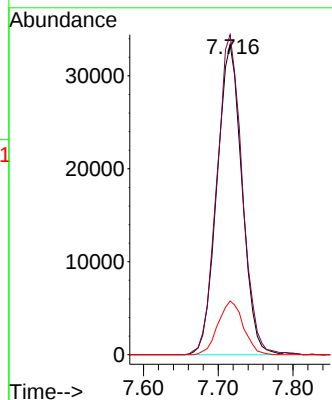
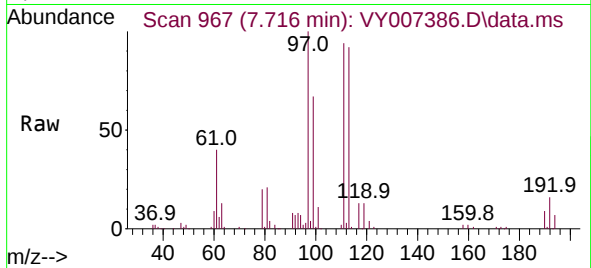




#35
Dibromofluoromethane
Concen: 49.090 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

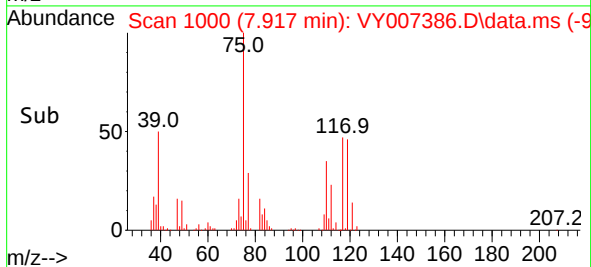
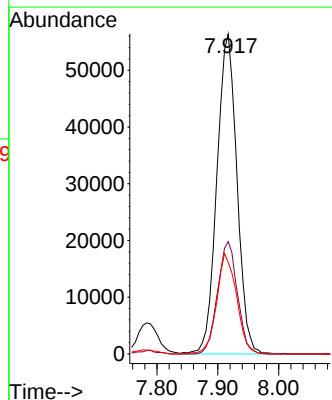
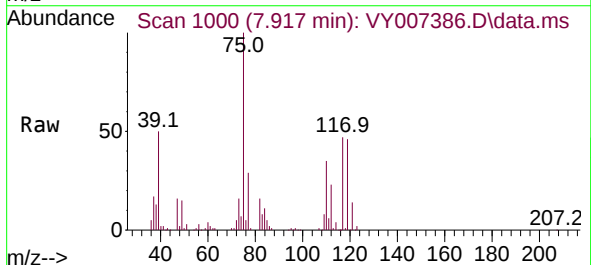
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

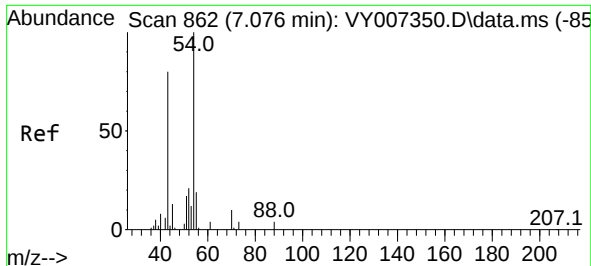
Tgt Ion:113 Resp: 77534
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 17.5 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 46.797 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 75 Resp: 129215
Ion Ratio Lower Upper
75 100
110 34.6 17.1 51.2
77 30.9 24.4 36.6

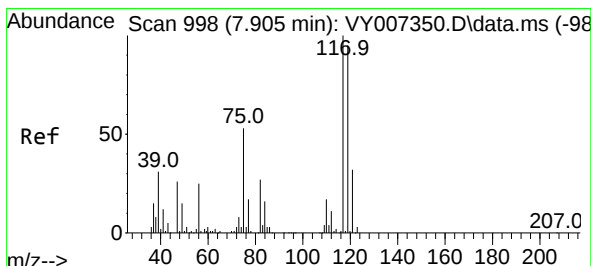
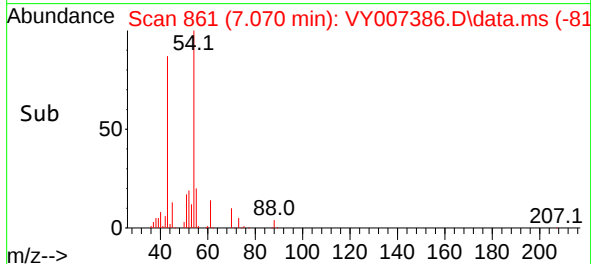
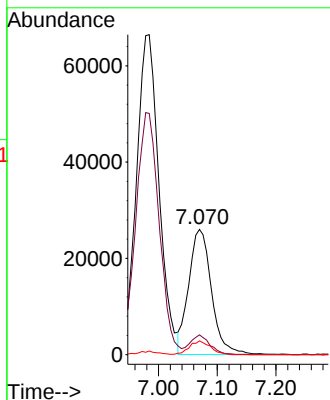
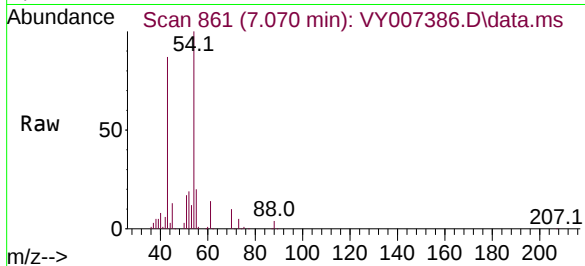




#37
Ethyl Acetate
Concen: 50.966 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

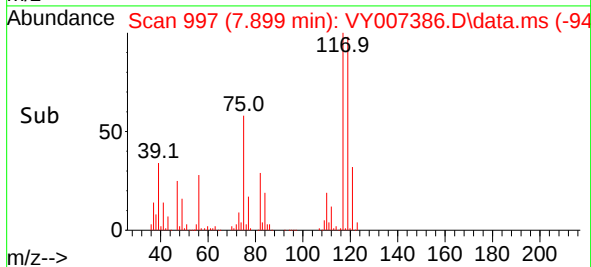
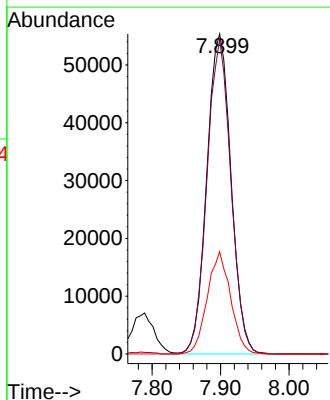
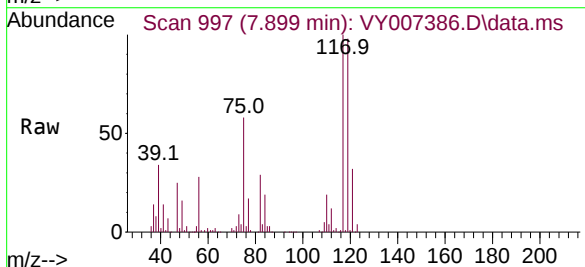
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

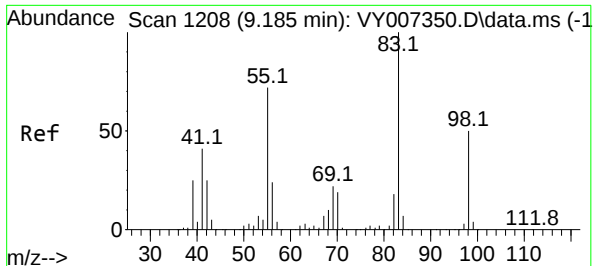
Tgt Ion: 43 Resp: 69963
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 46.891 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 117 Resp: 136027
Ion Ratio Lower Upper
117 100
119 98.3 77.9 116.9
121 31.9 24.8 37.2





#39

Methylcyclohexane

Concen: 47.114 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

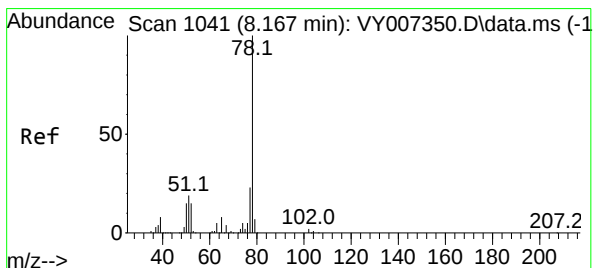
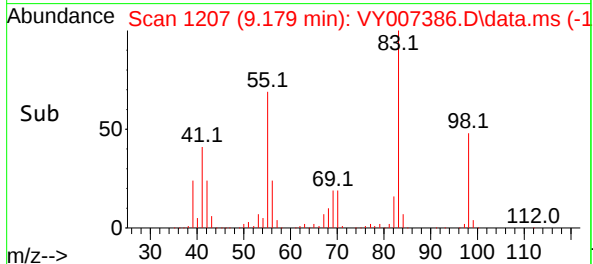
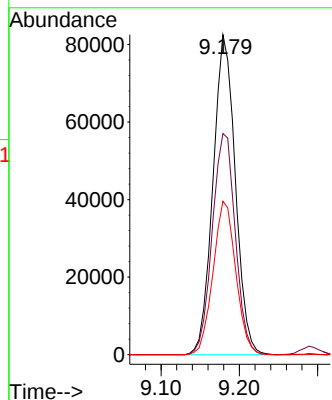
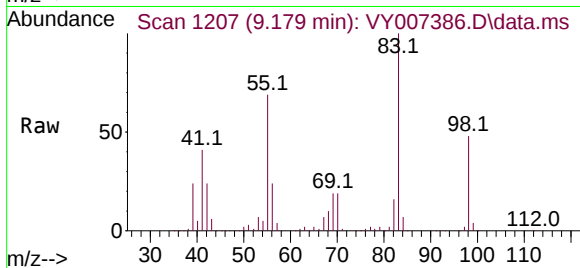
Tgt Ion: 83 Resp: 163374

Ion Ratio Lower Upper

83 100

55 69.1 66.5 99.7

98 48.0 37.9 56.9



#40

Benzene

Concen: 46.726 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY007386.D

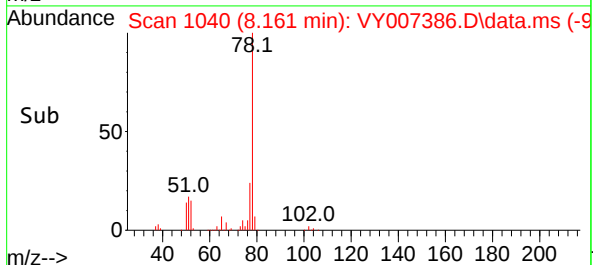
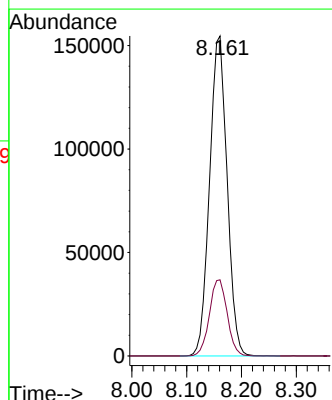
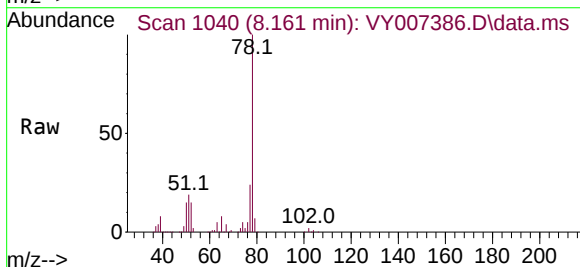
Acq: 04 Feb 2022 10:45

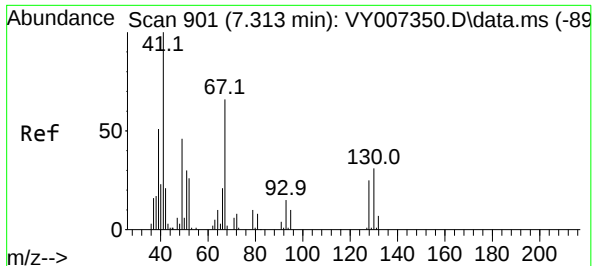
Tgt Ion: 78 Resp: 341988

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

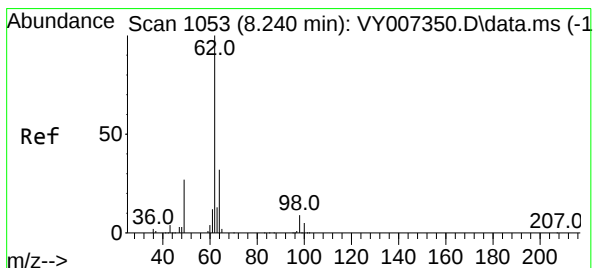
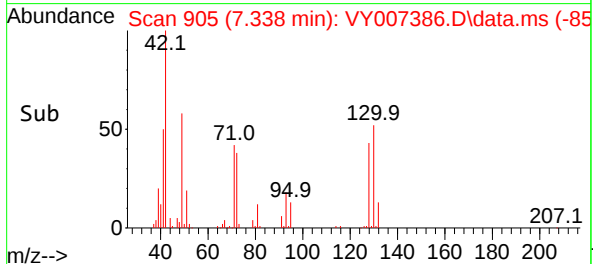
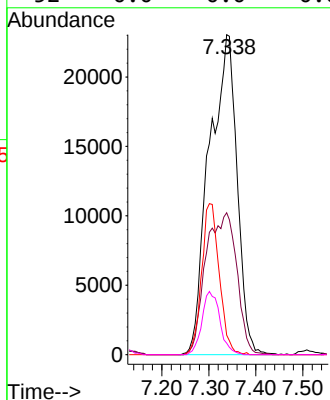
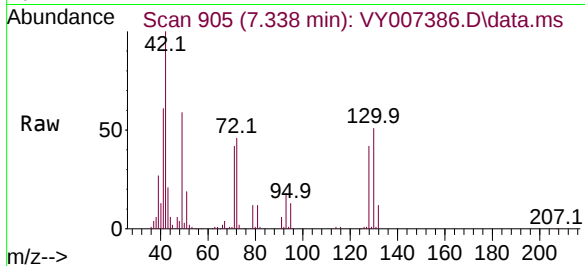




#41
Methacrylonitrile
Concen: 138.153 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

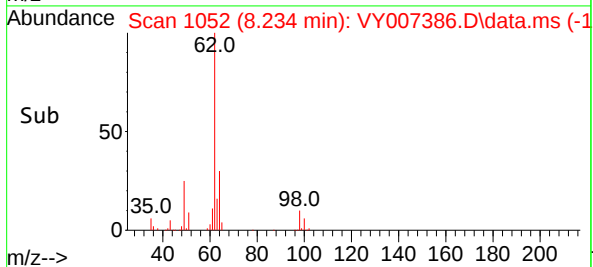
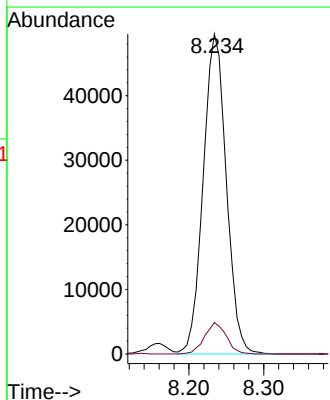
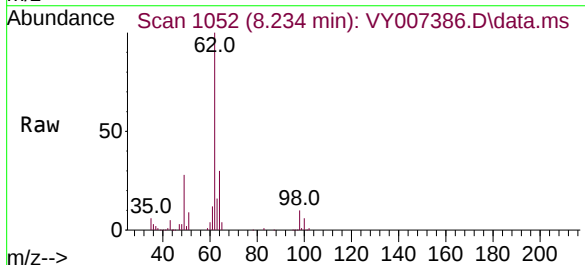
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

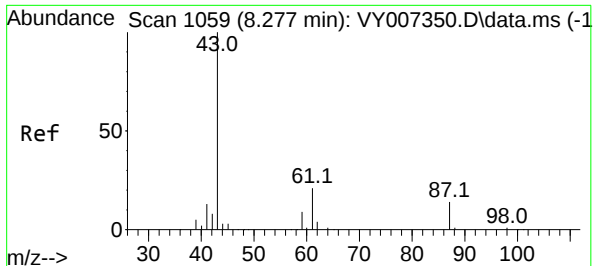
Tgt Ion: 41 Resp: 94242
Ion Ratio Lower Upper
41 100
39 49.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.907 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 62 Resp: 106588
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8

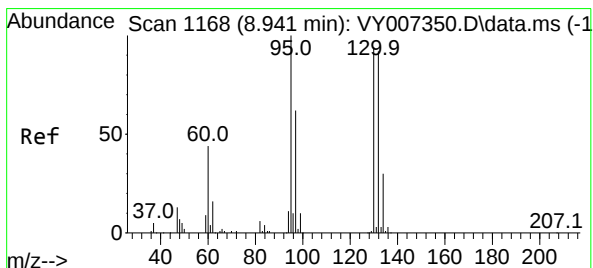
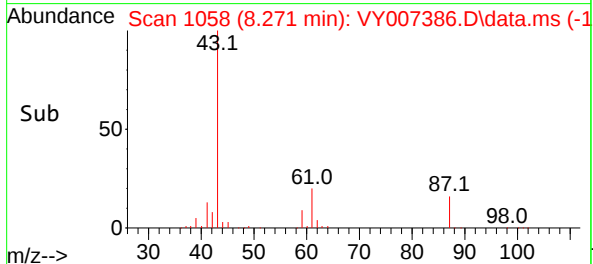
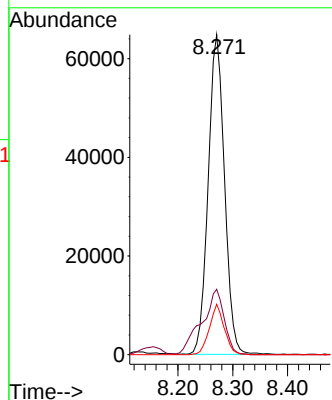
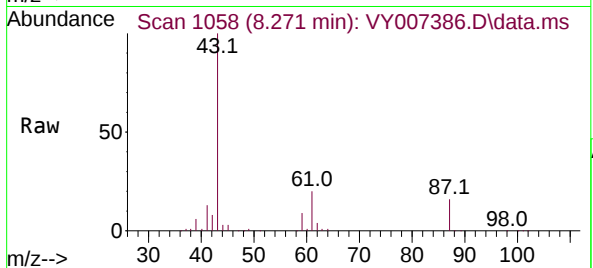




#43
Isopropyl Acetate
Concen: 52.043 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

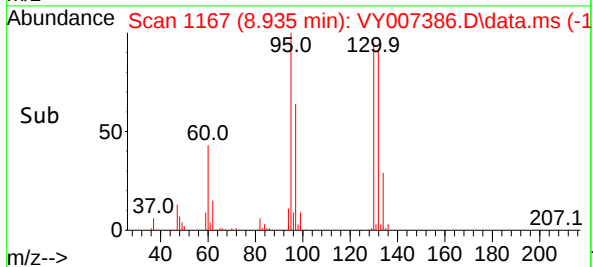
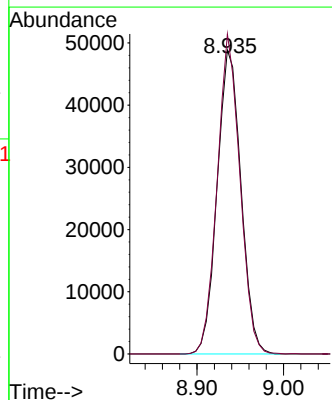
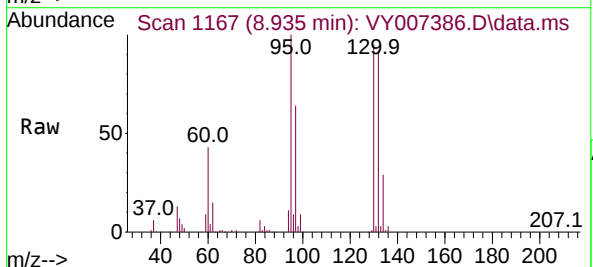
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

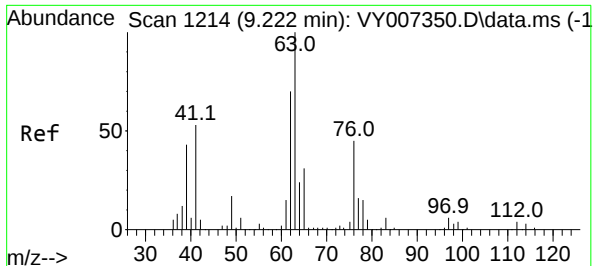
Tgt Ion: 43 Resp: 133605
Ion Ratio Lower Upper
43 100
61 28.3 20.2 30.2
87 14.4 8.9 13.3#



#44
Trichloroethene
Concen: 47.174 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:130 Resp: 93354
Ion Ratio Lower Upper
130 100
95 105.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 46.589 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

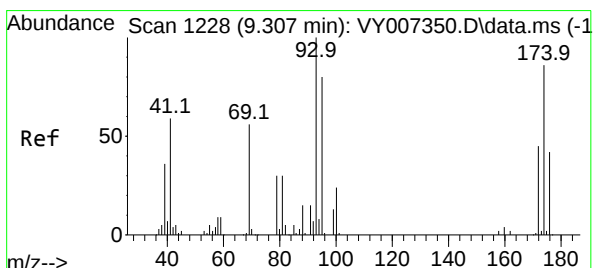
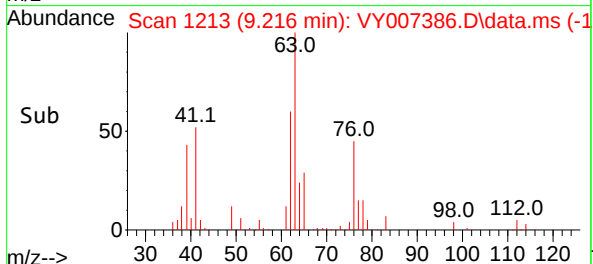
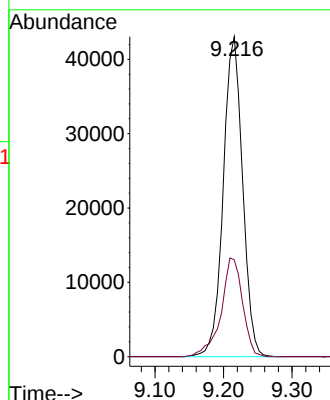
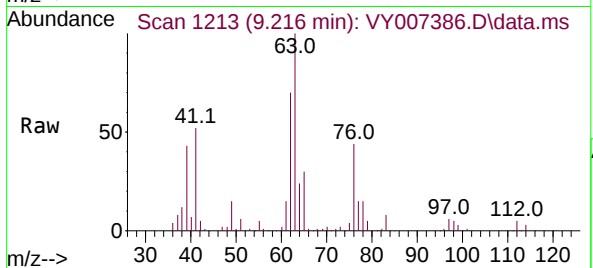
VSTDCCC050

Tgt Ion: 63 Resp: 84080

Ion Ratio Lower Upper

63 100

65 30.2 23.0 34.6



#46

Dibromomethane

Concen: 48.730 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

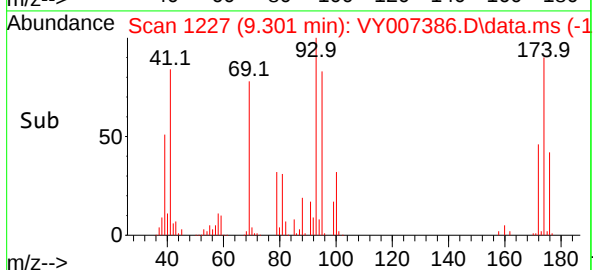
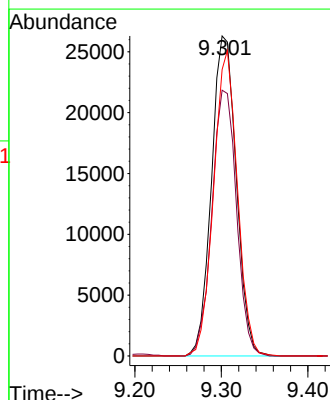
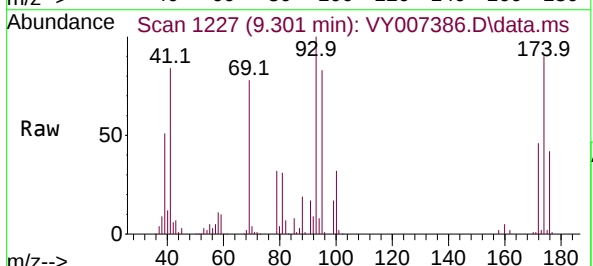
Tgt Ion: 93 Resp: 52323

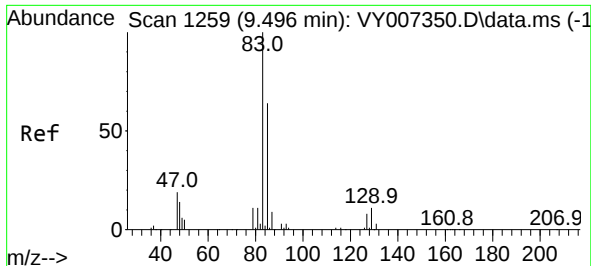
Ion Ratio Lower Upper

93 100

95 82.3 64.3 96.5

174 91.3 83.4 125.0





#47

Bromodichloromethane

Concen: 47.303 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

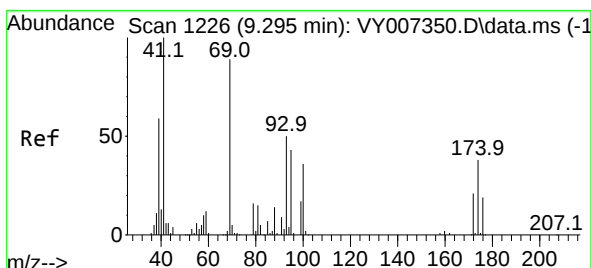
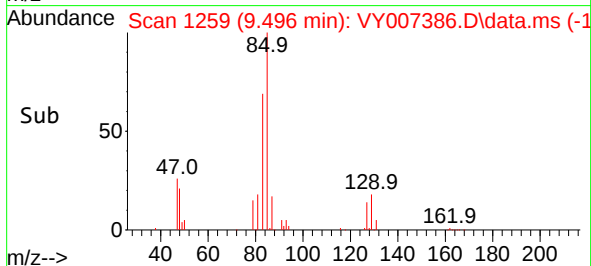
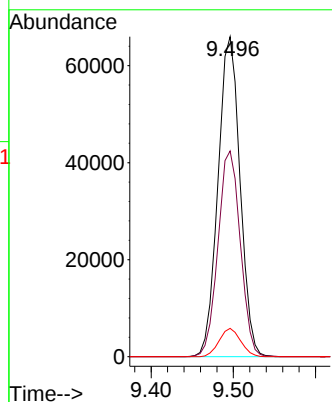
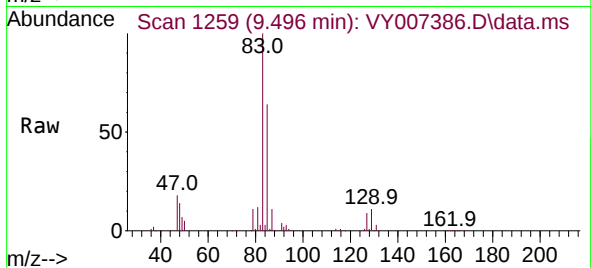
Tgt Ion: 83 Resp: 122820

Ion Ratio Lower Upper

83 100

85 64.3 51.9 77.9

127 8.9 6.6 10.0



#48

Methyl methacrylate

Concen: 51.594 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

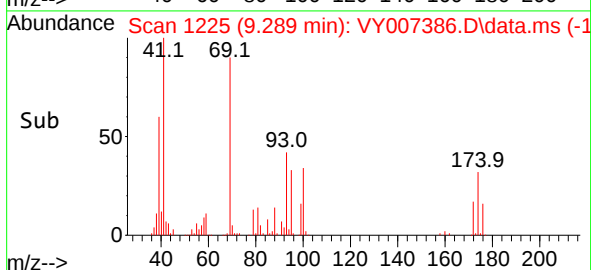
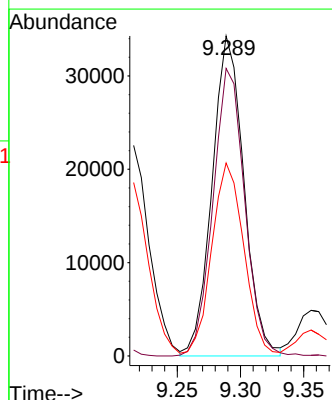
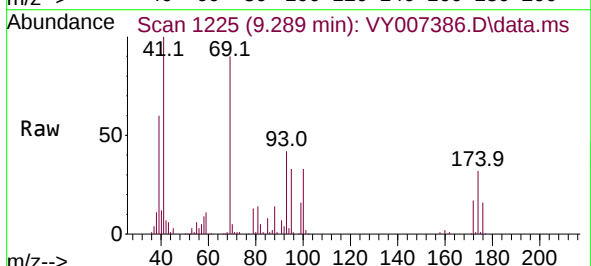
Tgt Ion: 41 Resp: 59900

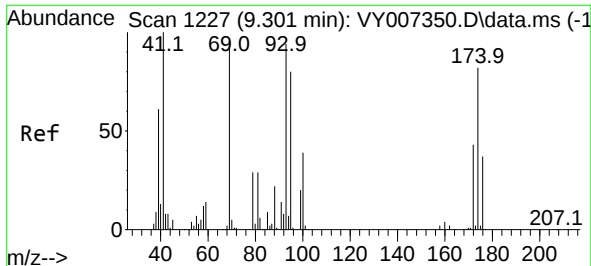
Ion Ratio Lower Upper

41 100

69 89.7 58.2 87.2#

39 59.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1195.685 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

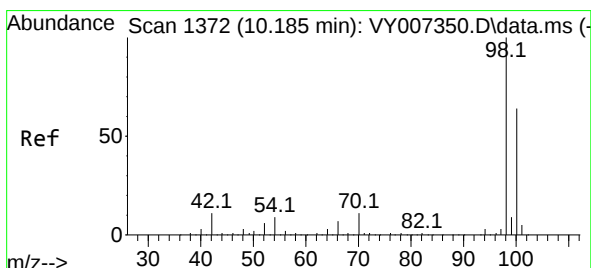
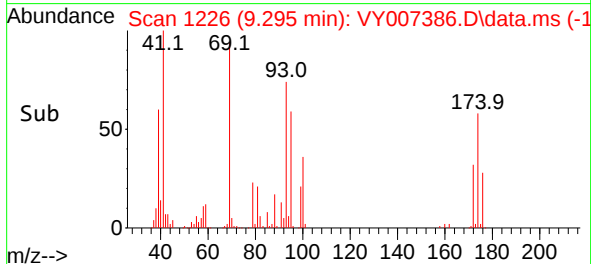
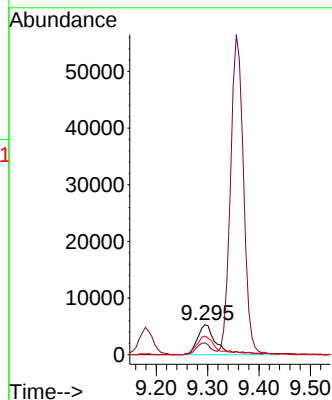
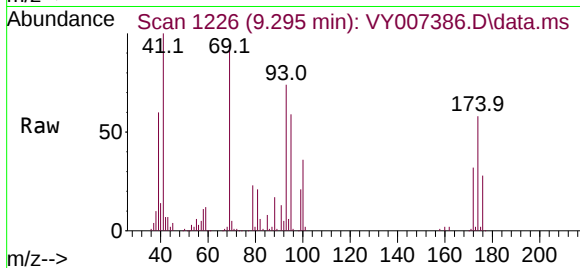
Tgt Ion: 88 Resp: 14063

Ion Ratio Lower Upper

88 100

43 30.0 32.8 49.2#

58 63.5 59.8 89.6



#50

Toluene-d8

Concen: 49.722 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007386.D

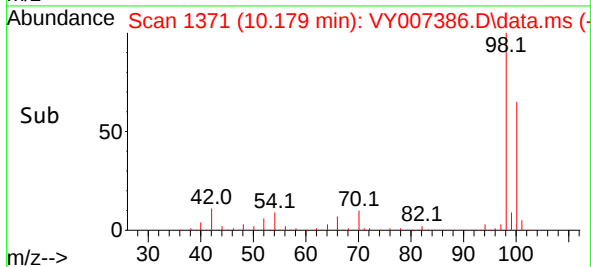
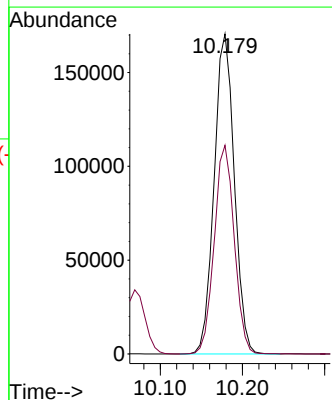
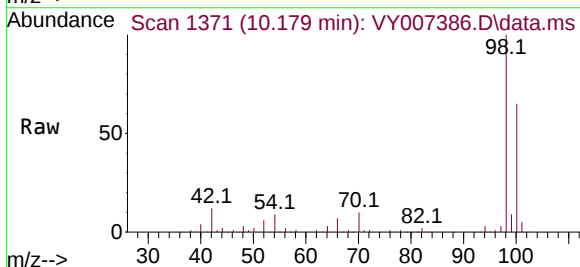
Acq: 04 Feb 2022 10:45

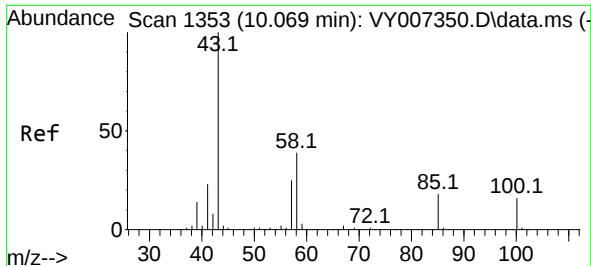
Tgt Ion: 98 Resp: 290135

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

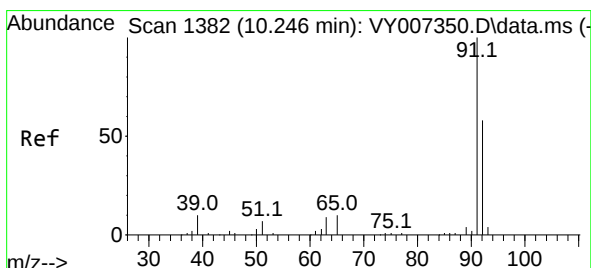
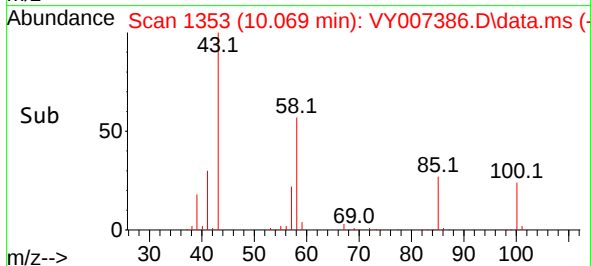
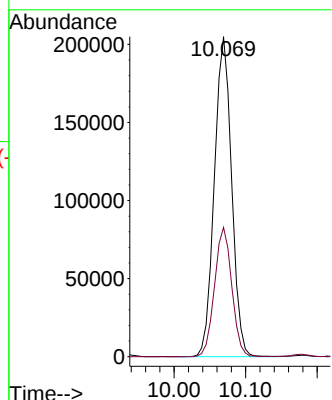
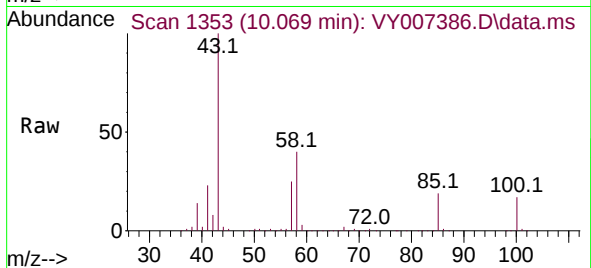




#51
4-Methyl-2-Pentanone
Concen: 263.777 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

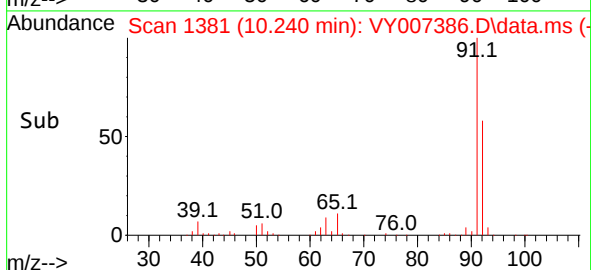
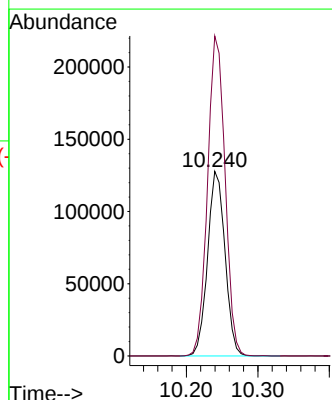
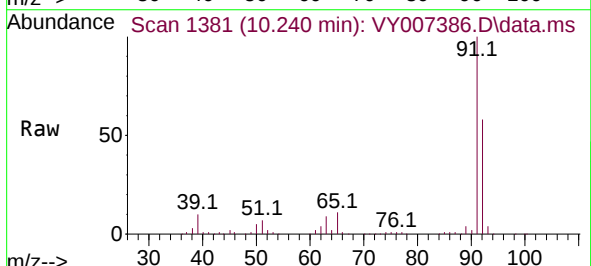
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

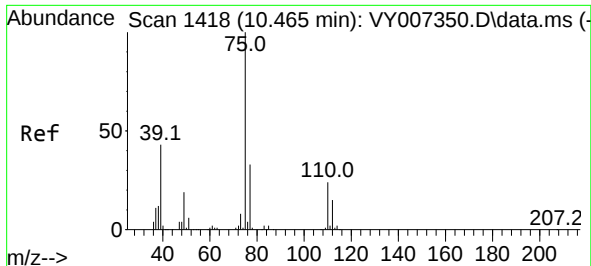
Tgt Ion: 43 Resp: 343438
Ion Ratio Lower Upper
43 100
58 40.3 28.1 42.1



#52
Toluene
Concen: 46.925 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 92 Resp: 216392
Ion Ratio Lower Upper
92 100
91 174.0 142.6 213.8

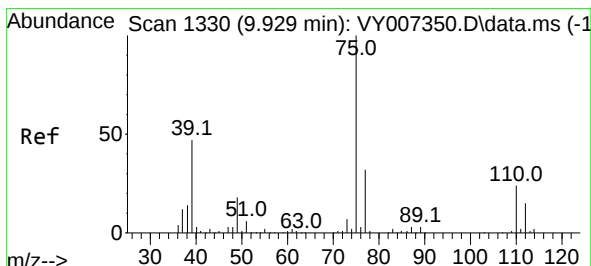
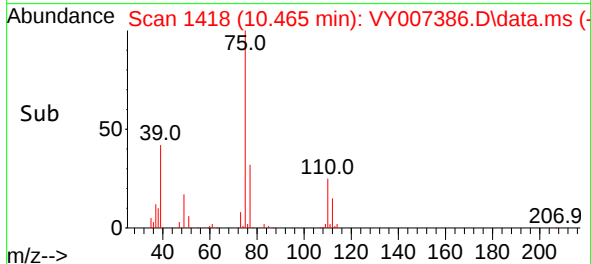
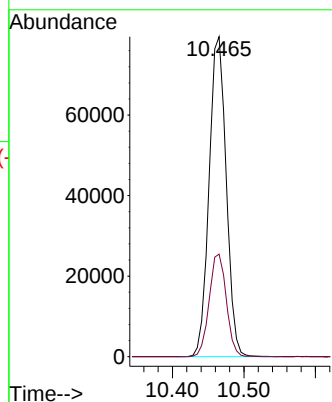
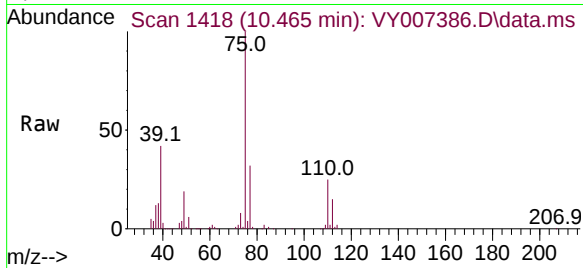




#53
t-1,3-Dichloropropene
Concen: 48.711 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

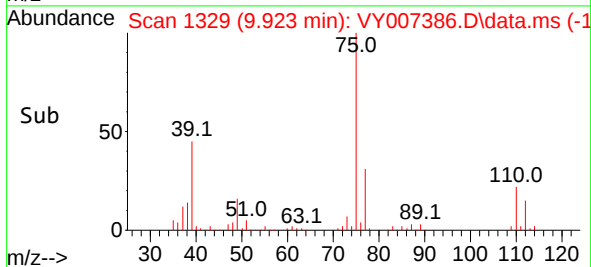
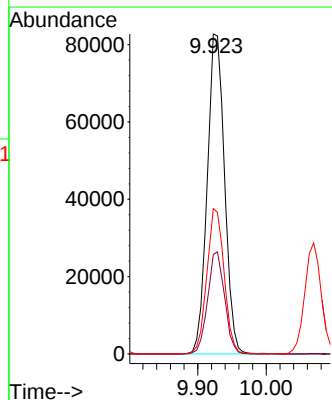
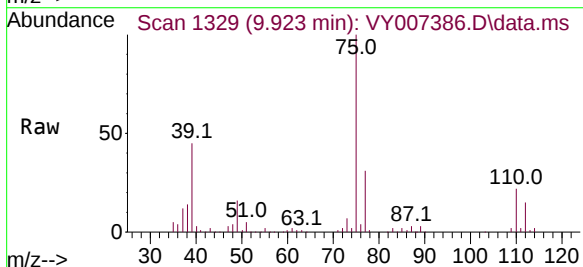
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

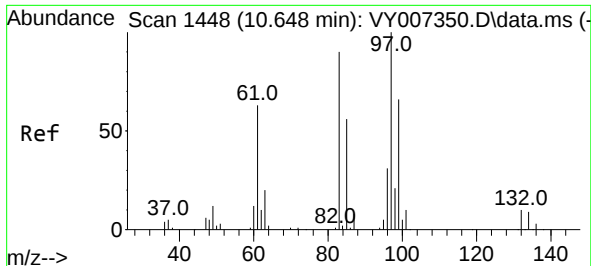
Tgt Ion: 75 Resp: 132128
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.990 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 75 Resp: 145804
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 45.4 47.6 71.4#

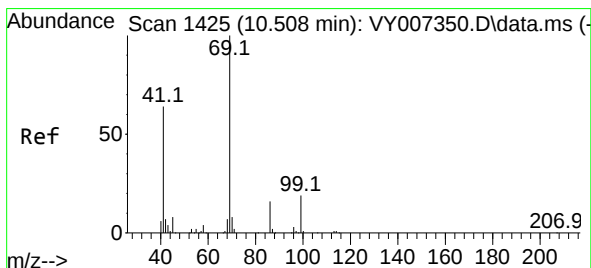
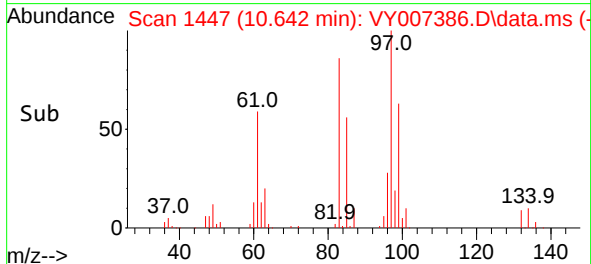
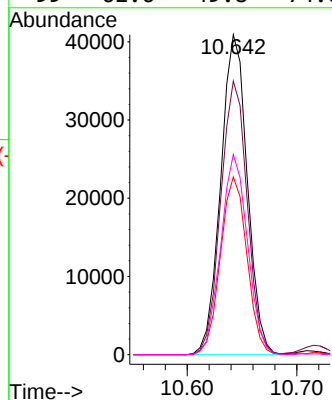
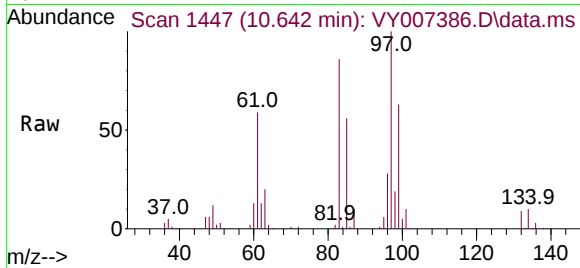




#55
1,1,2-Trichloroethane
Concen: 48.871 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

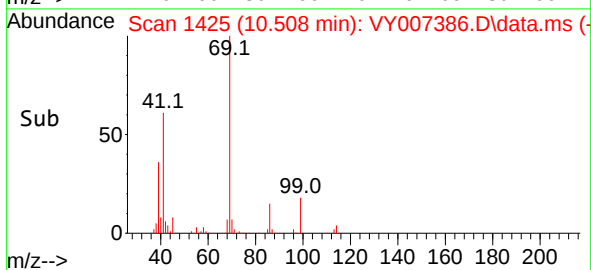
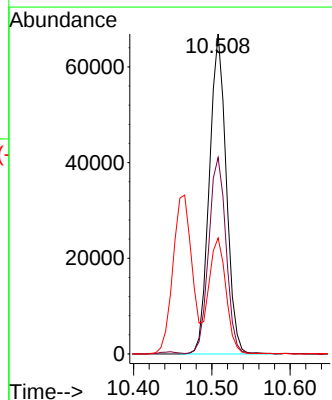
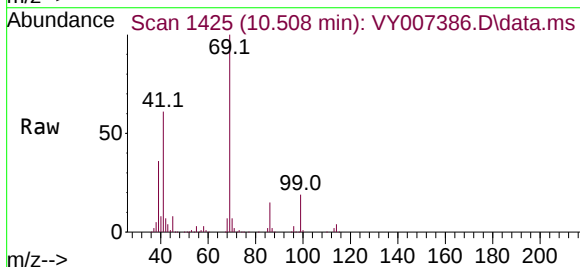
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

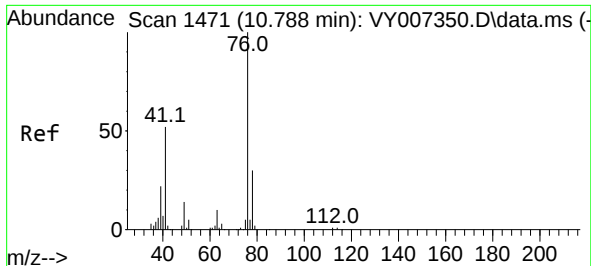
Tgt Ion: 97	Resp: 68917
Ion Ratio	Lower Upper
97 100	
83 85.5	69.8 104.8
85 55.6	44.3 66.5
99 62.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 51.194 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 69	Resp: 100273
Ion Ratio	Lower Upper
69 100	
41 63.1	63.4 95.0#
39 36.9	35.8 53.8





#57

1,3-Dichloropropane

Concen: 48.709 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

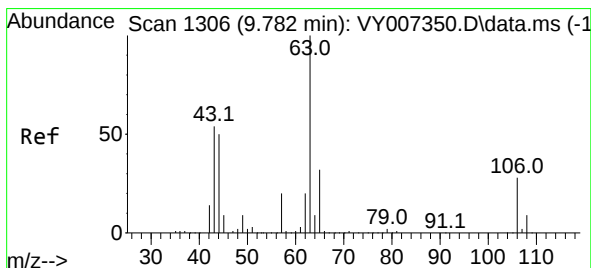
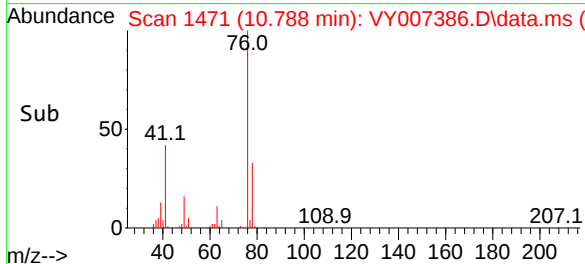
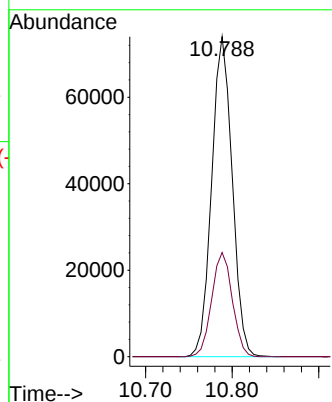
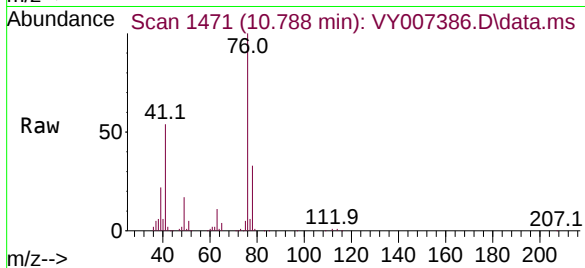
VSTDCCC050

Tgt Ion: 76 Resp: 121785

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 247.304 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007386.D

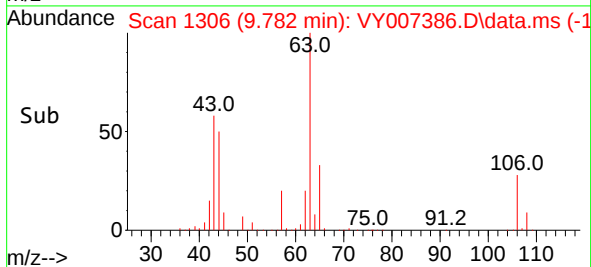
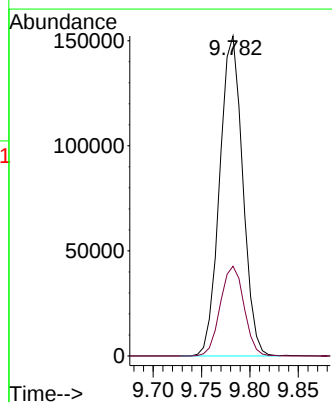
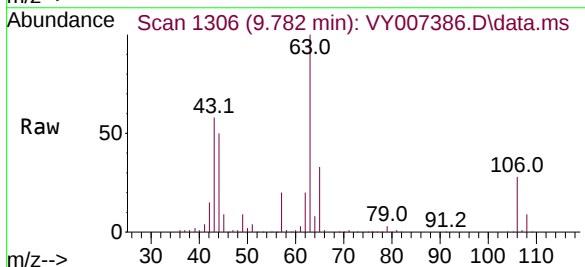
Acq: 04 Feb 2022 10:45

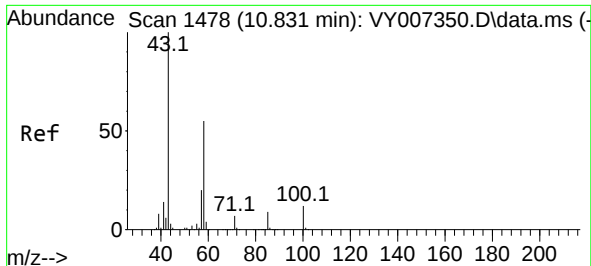
Tgt Ion: 63 Resp: 251969

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

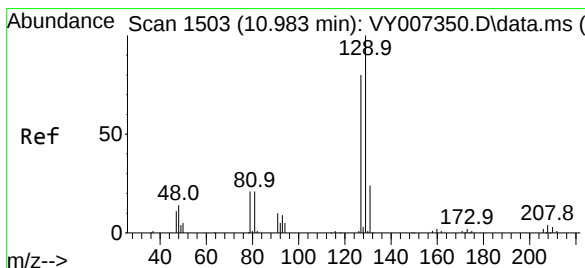
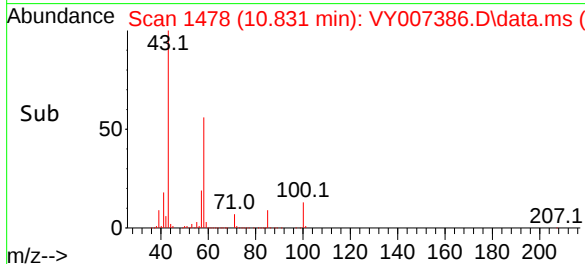
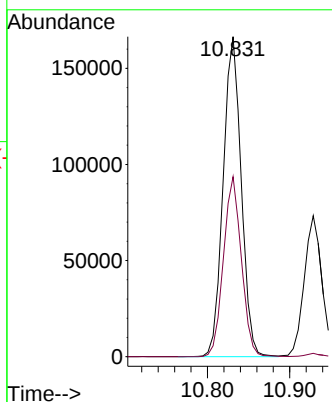
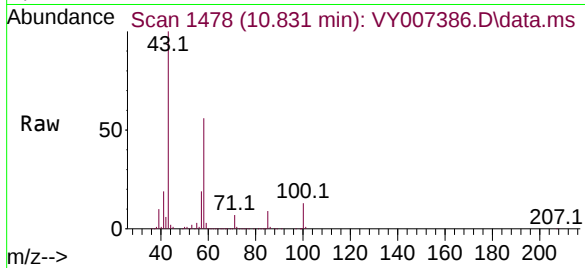




#59
2-Hexanone
Concen: 268.441 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

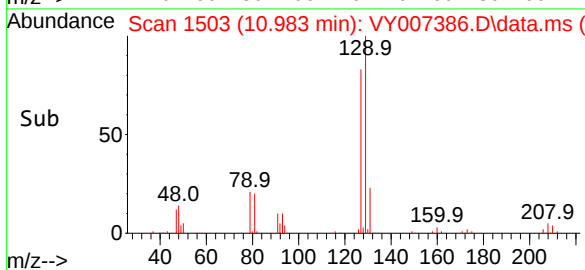
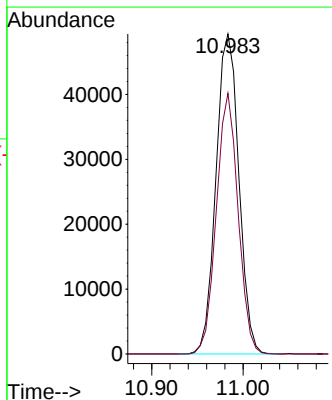
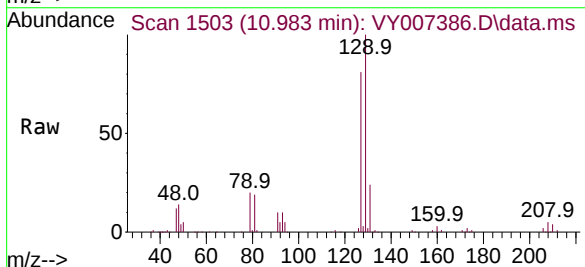
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

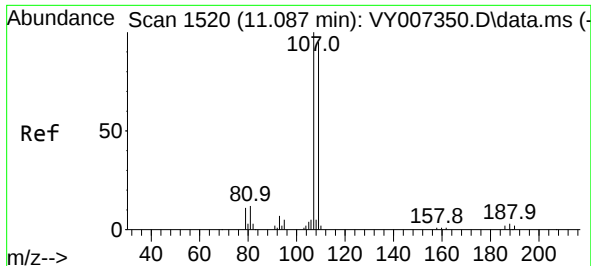
Tgt Ion: 43 Resp: 254808
Ion Ratio Lower Upper
43 100
58 55.7 24.4 73.4



#60
Dibromochloromethane
Concen: 48.832 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 129 Resp: 85729
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

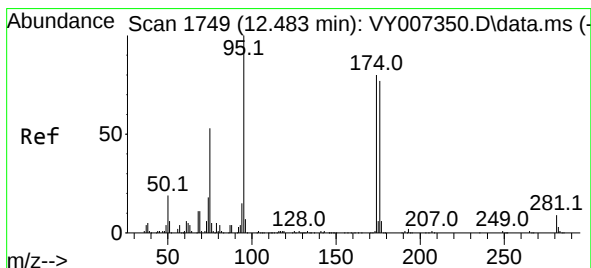
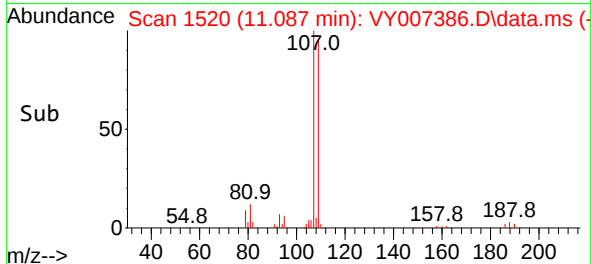
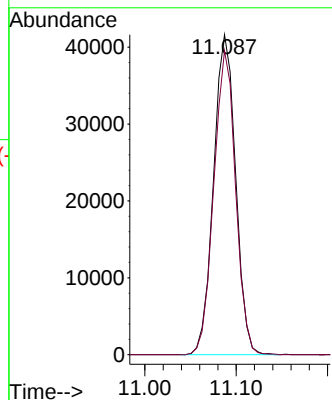
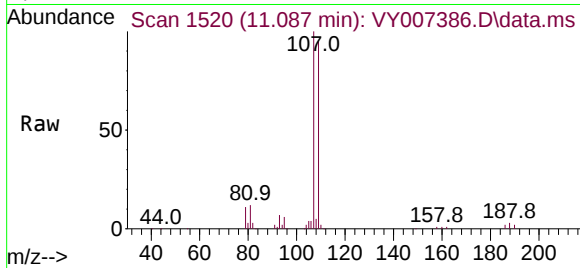




#61
1,2-Dibromoethane
Concen: 49.927 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

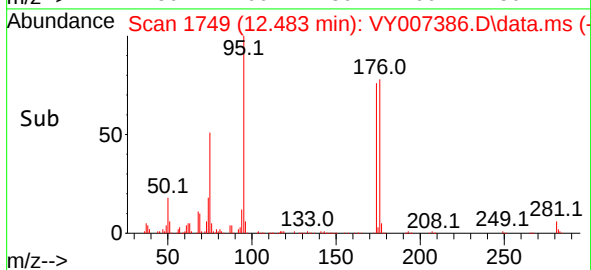
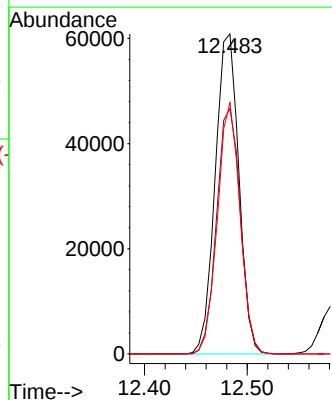
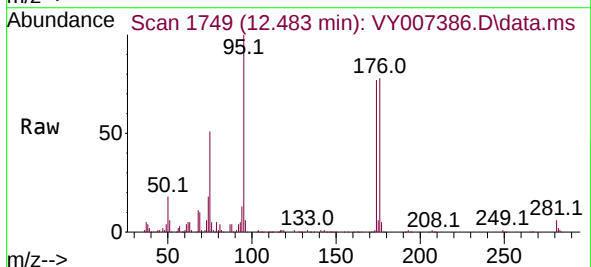
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

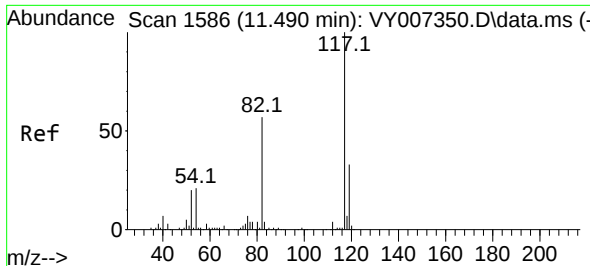
Tgt Ion:107 Resp: 69656
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.015 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 95 Resp: 97211
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 74.9 0.0 175.8

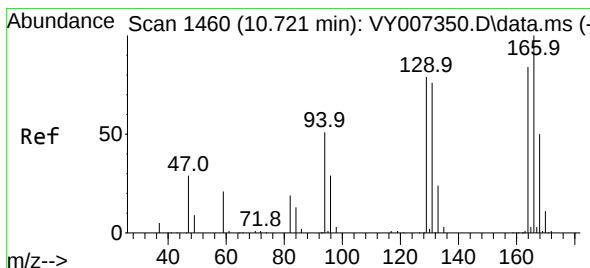
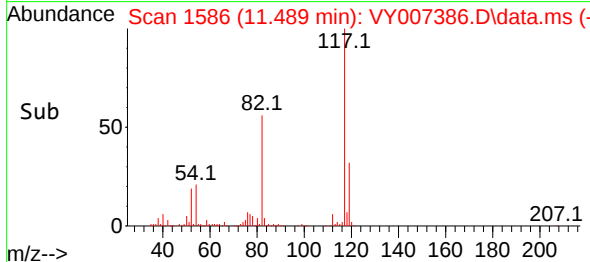
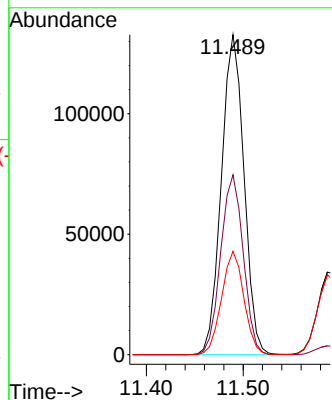
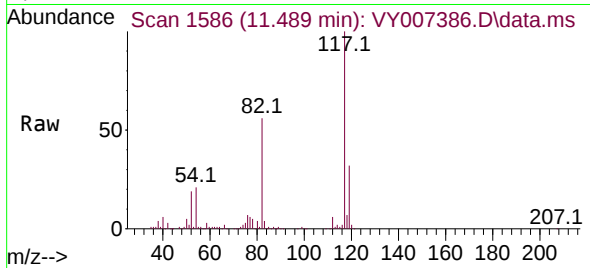




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

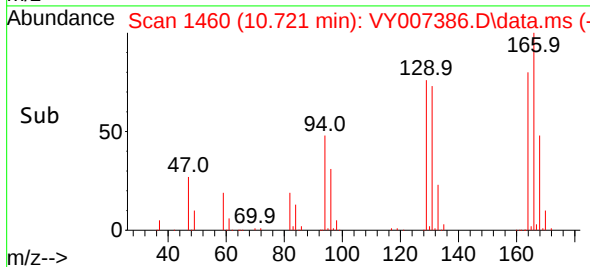
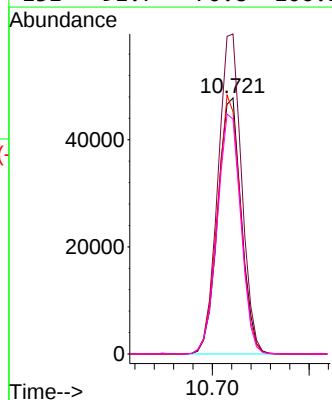
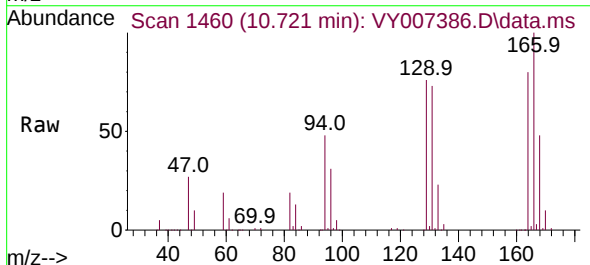
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

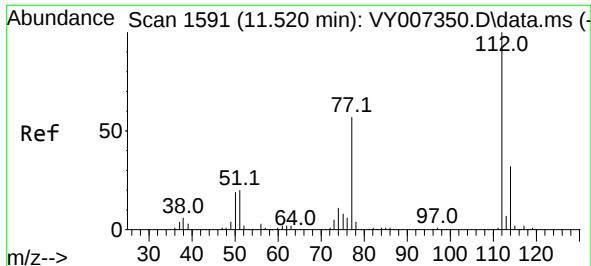
Tgt Ion:117 Resp: 215457
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 47.631 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:164 Resp: 80538
Ion Ratio Lower Upper
164 100
166 125.0 100.4 150.6
129 94.6 71.4 107.0
131 91.7 70.8 106.2

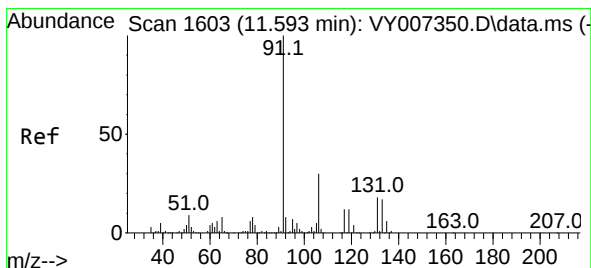
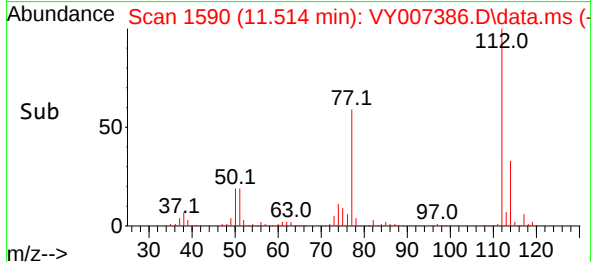
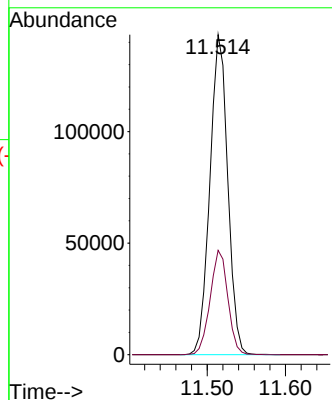
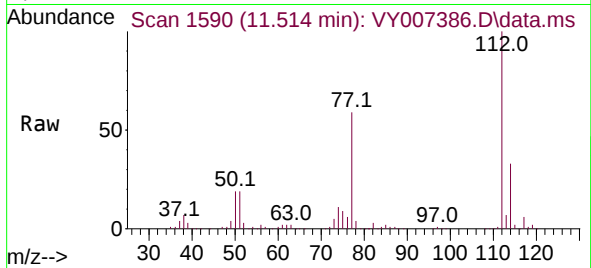




#65
Chlorobenzene
Concen: 47.298 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

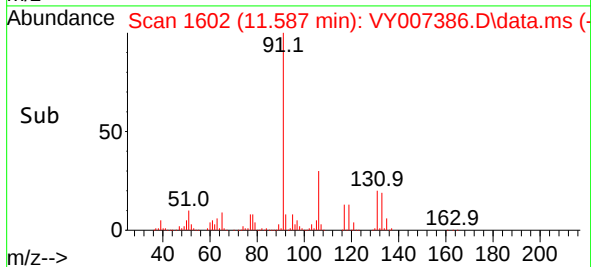
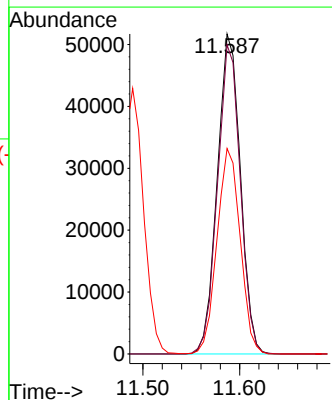
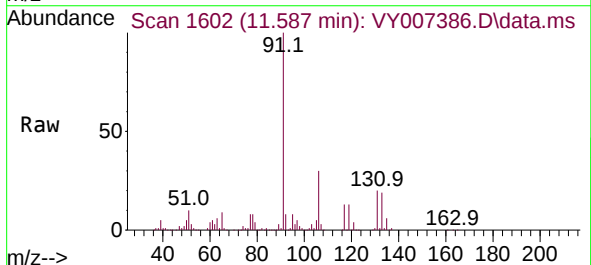
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

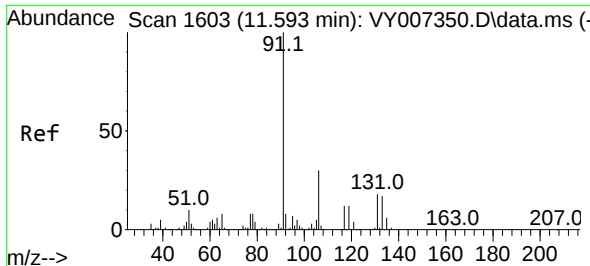
Tgt Ion:112 Resp: 226697
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.829 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:131 Resp: 85578
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 64.6 30.8 92.3

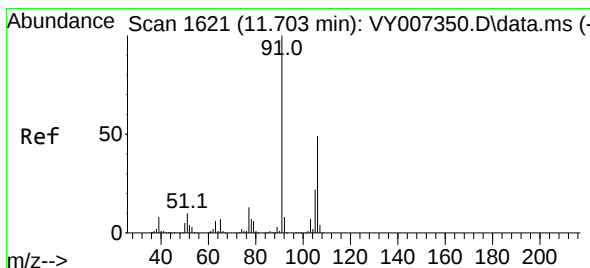
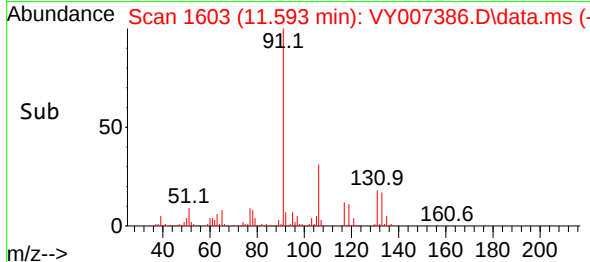
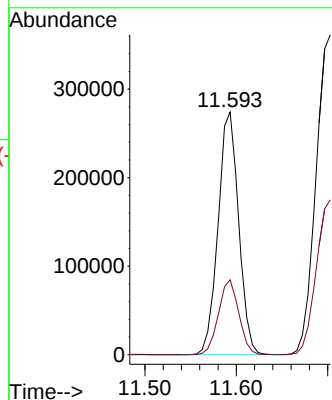
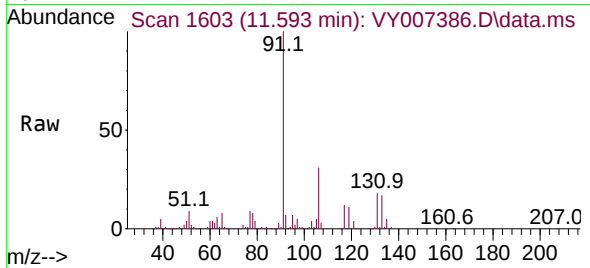




#67
Ethyl Benzene
Concen: 47.112 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

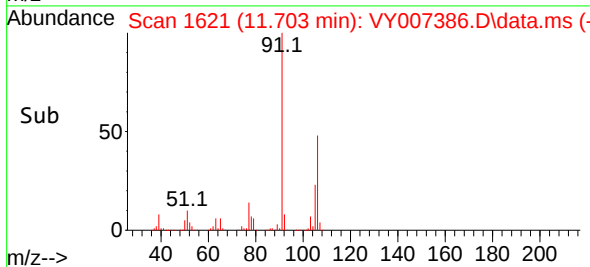
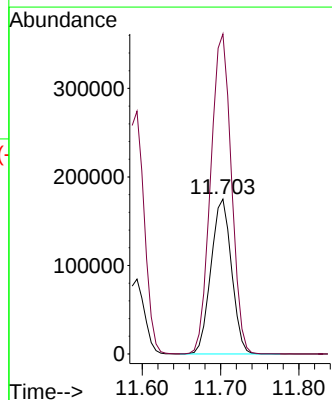
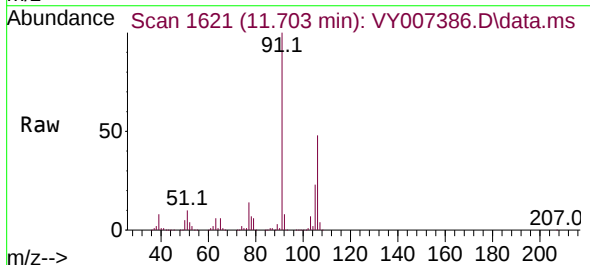
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

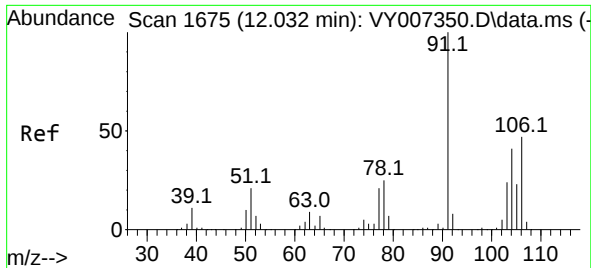
Tgt Ion: 91 Resp: 428497
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 94.709 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 106 Resp: 319039
Ion Ratio Lower Upper
106 100
91 208.2 166.6 249.8

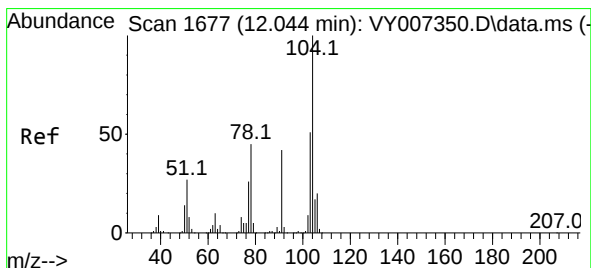
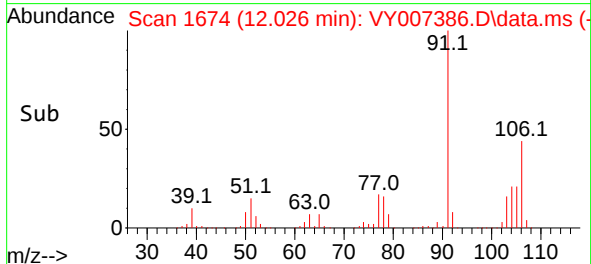
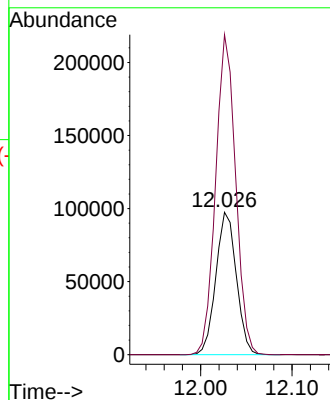
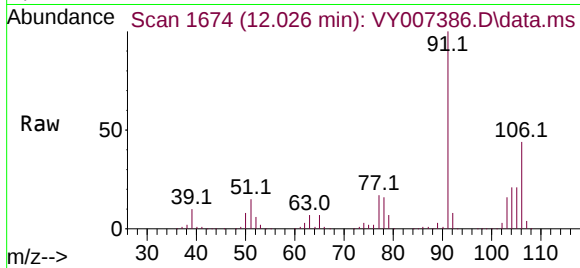




#69
o-Xylene
Concen: 47.720 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

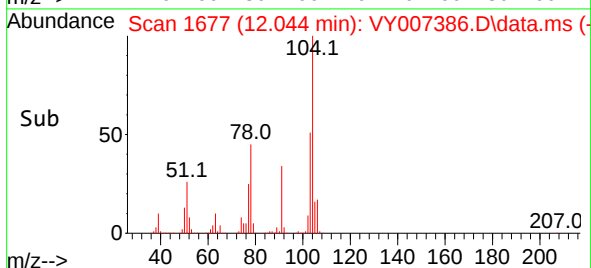
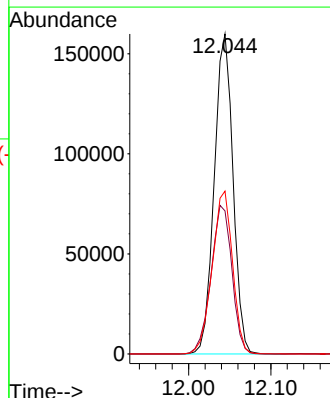
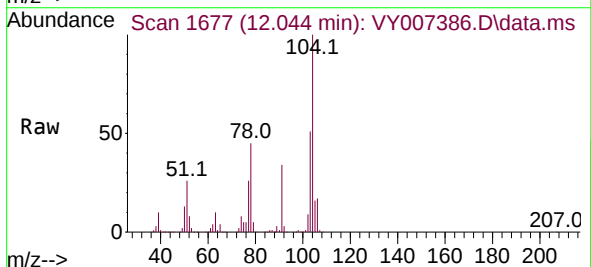
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

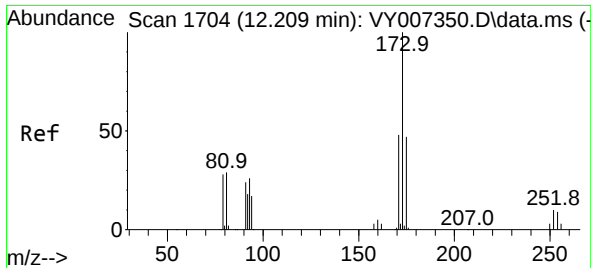
Tgt Ion:106 Resp: 151984
Ion Ratio Lower Upper
106 100
91 219.2 110.3 331.0



#70
Styrene
Concen: 48.216 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:104 Resp: 253145
Ion Ratio Lower Upper
104 100
78 51.7 42.4 63.6
103 55.3 44.4 66.6

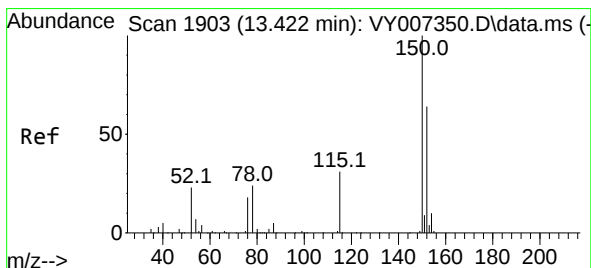
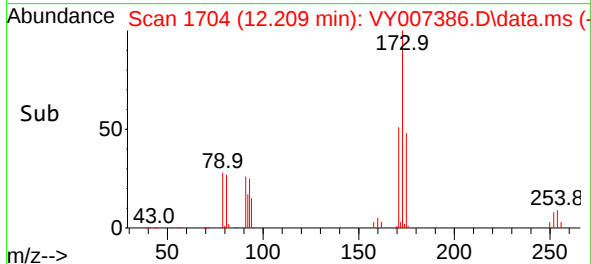
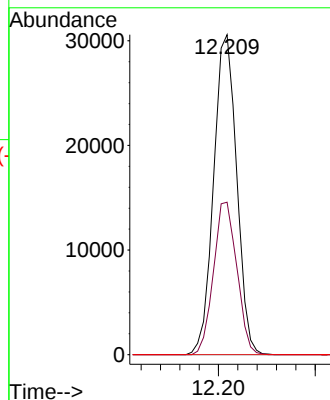
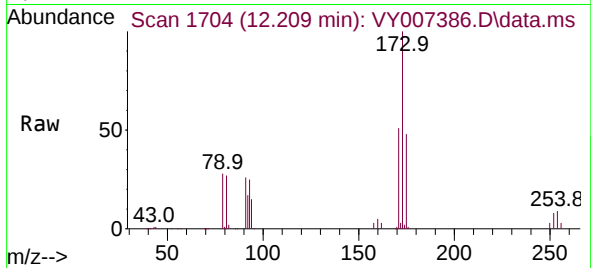




#71
Bromoform
Concen: 51.144 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

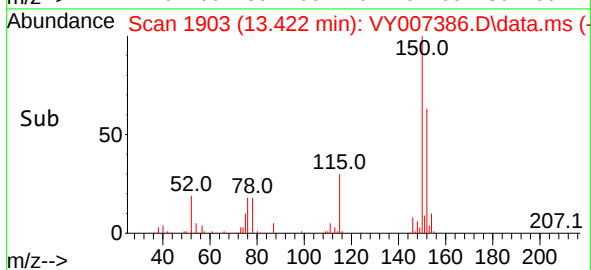
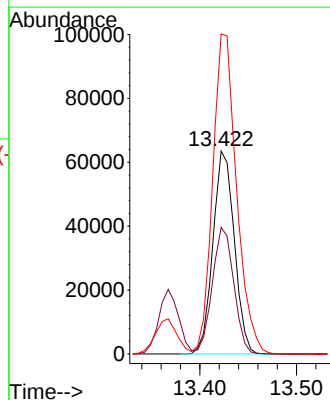
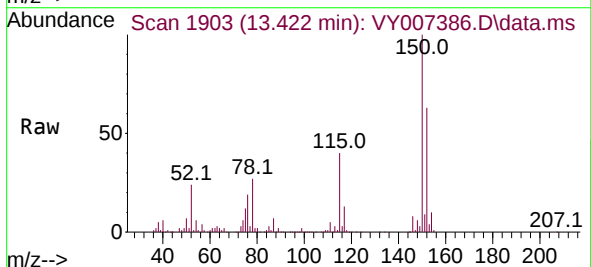
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

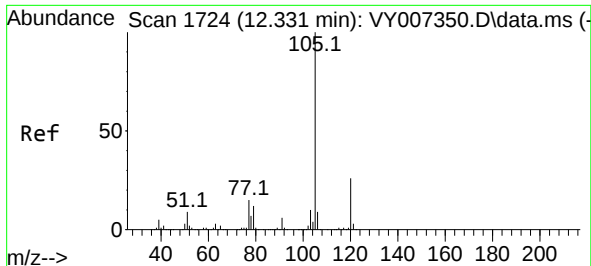
Tgt Ion:173 Resp: 50488
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:152 Resp: 97396
Ion Ratio Lower Upper
152 100
115 62.7 28.2 84.7
150 176.2 0.0 347.6

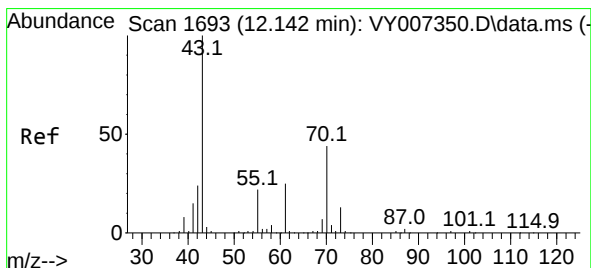
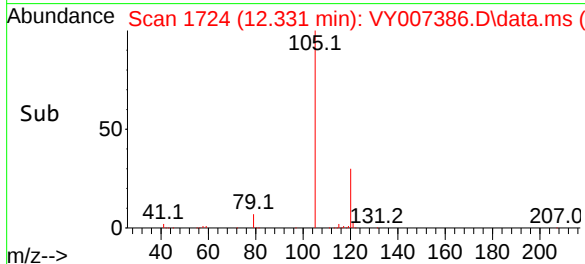
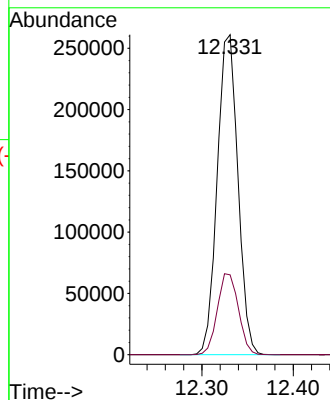
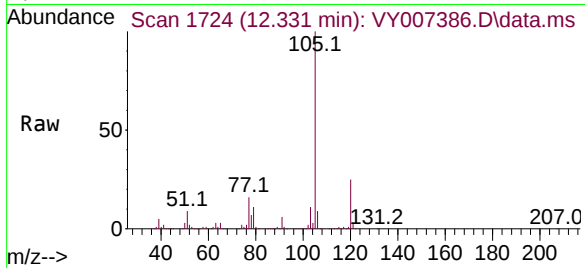




#73
Isopropylbenzene
Concen: 46.163 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

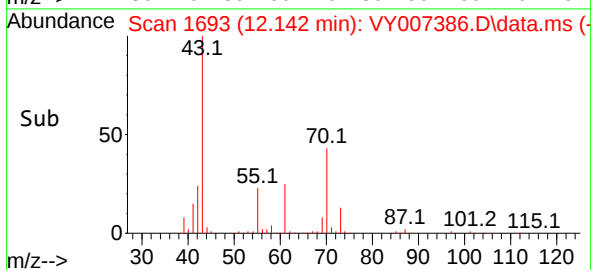
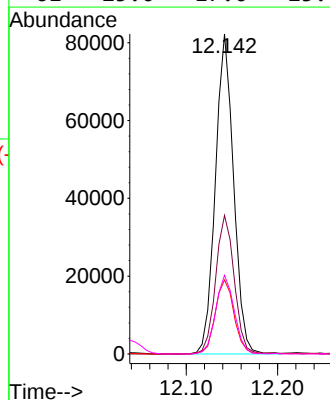
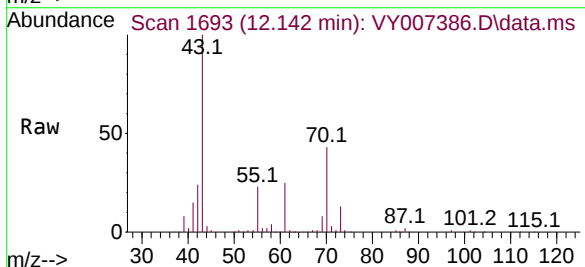
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

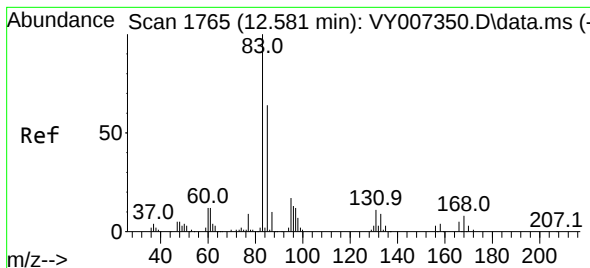
Tgt Ion:105 Resp: 410909
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2



#74
N-ethyl acetate
Concen: 51.742 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 43 Resp: 114002
Ion Ratio Lower Upper
43 100
70 44.2 28.7 43.1#
55 24.2 17.3 25.9
61 25.0 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.009 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

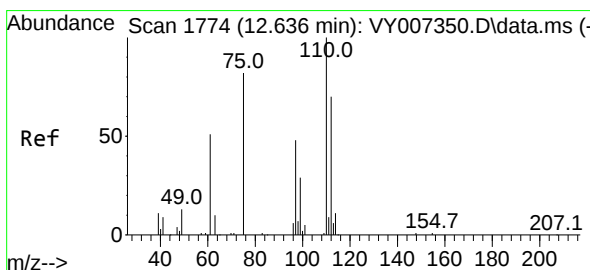
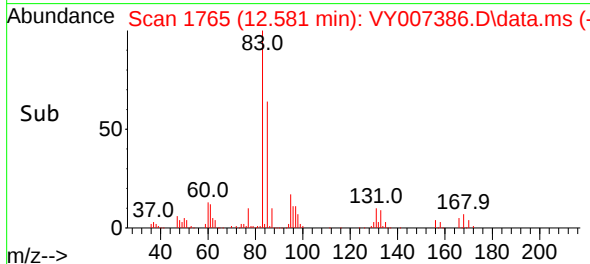
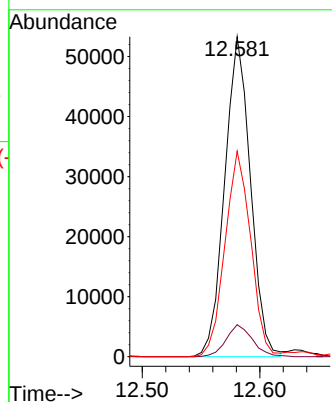
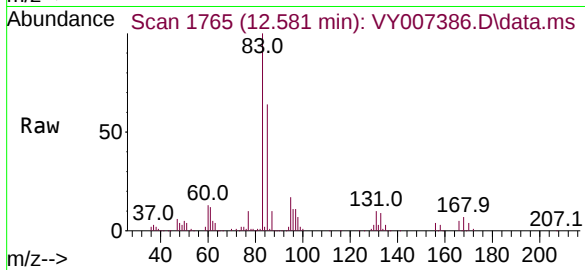
Tgt Ion: 83 Resp: 81291

Ion Ratio Lower Upper

83 100

131 10.2 5.6 16.8

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 94.626 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY007386.D

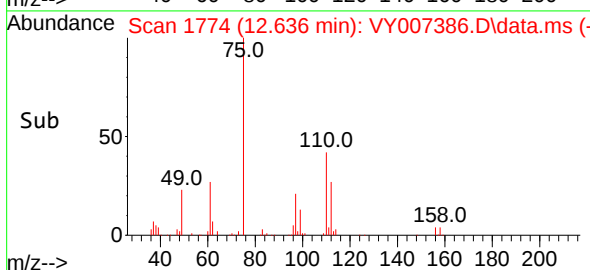
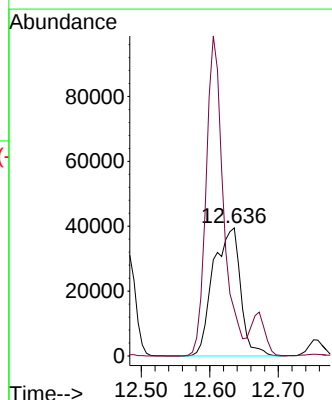
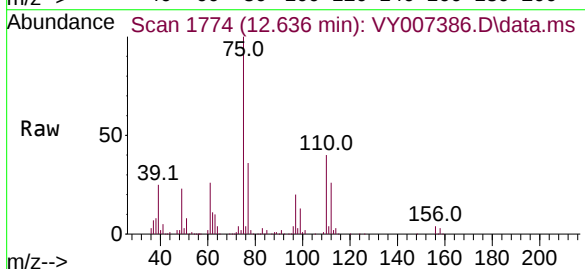
Acq: 04 Feb 2022 10:45

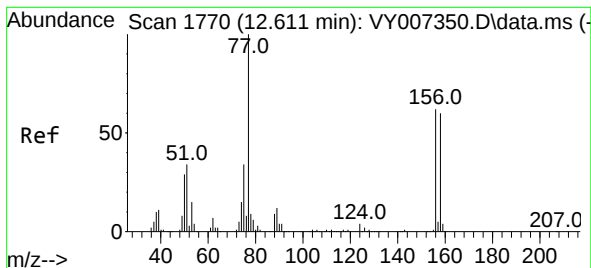
Tgt Ion: 75 Resp: 109564

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.489 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

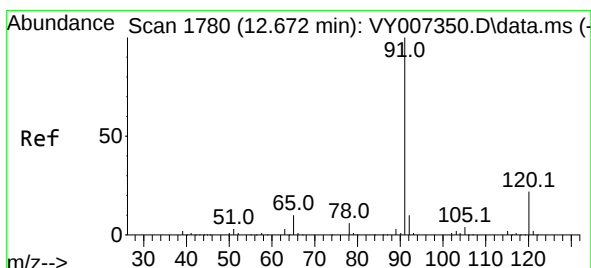
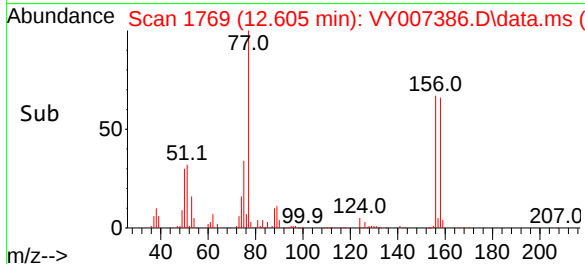
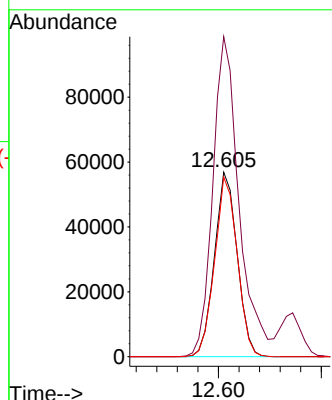
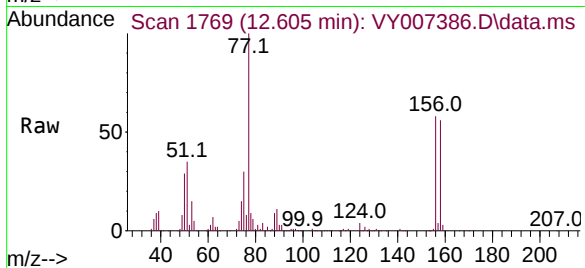
Tgt Ion:156 Resp: 87166

Ion Ratio Lower Upper

156 100

77 198.8 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 47.005 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY007386.D

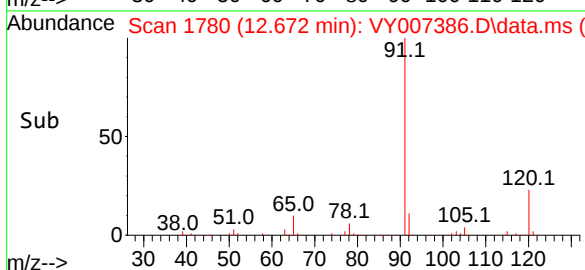
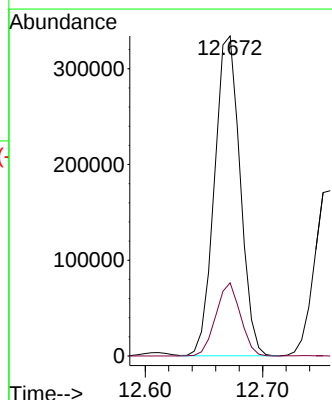
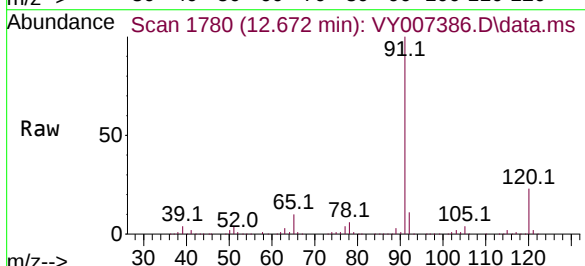
Acq: 04 Feb 2022 10:45

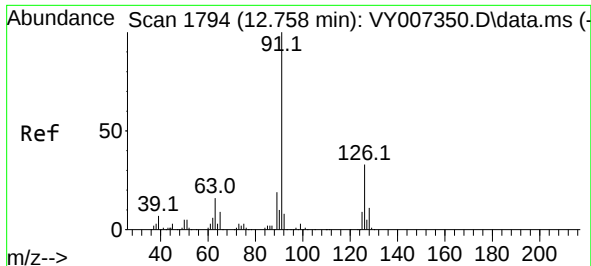
Tgt Ion: 91 Resp: 506787

Ion Ratio Lower Upper

91 100

120 21.9 11.3 33.9

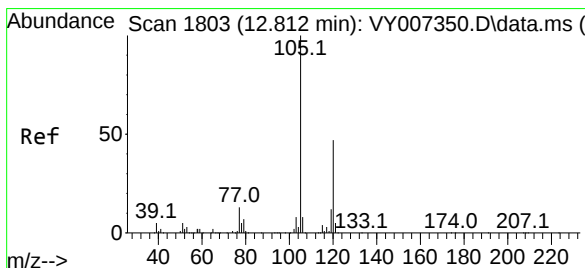
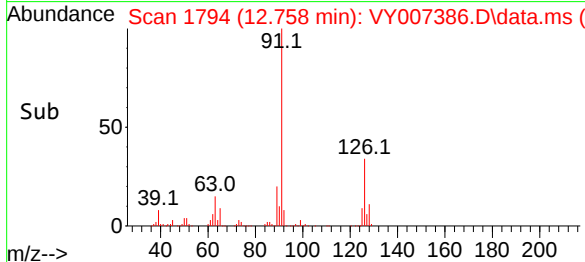
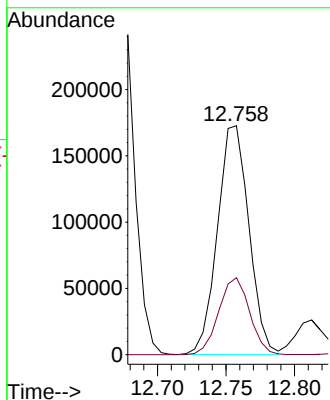
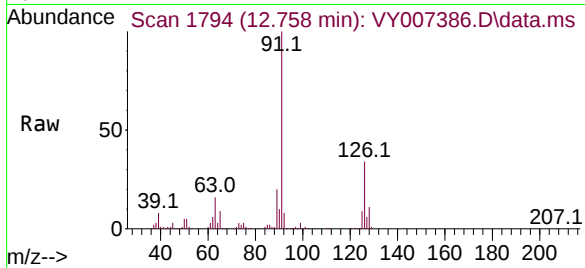




#79
2-Chlorotoluene
Concen: 46.319 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

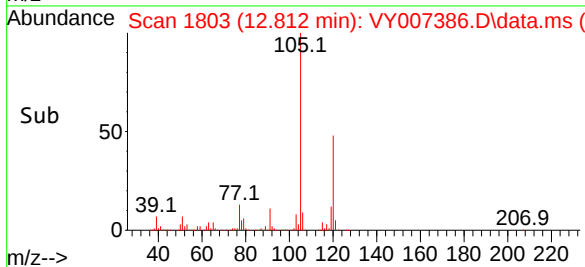
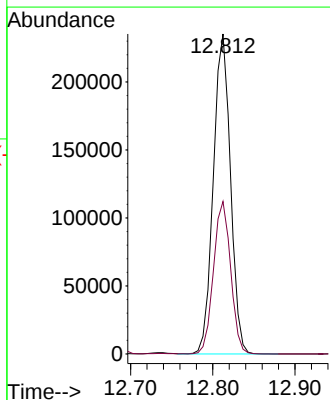
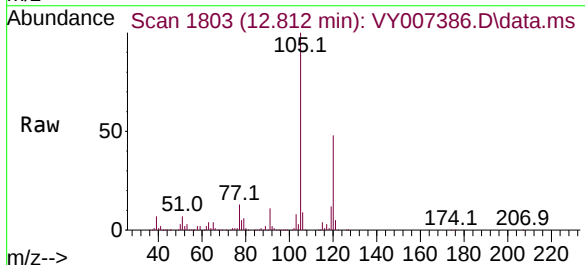
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

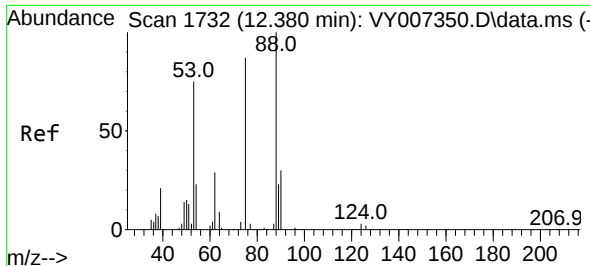
Tgt Ion: 91 Resp: 276493
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 46.808 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:105 Resp: 339897
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.4

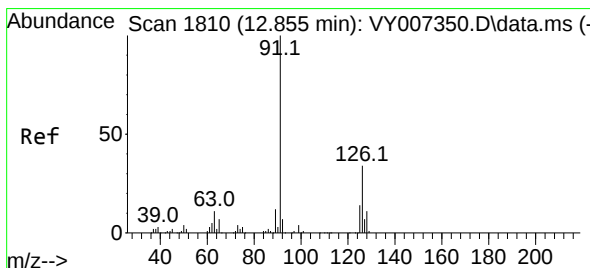
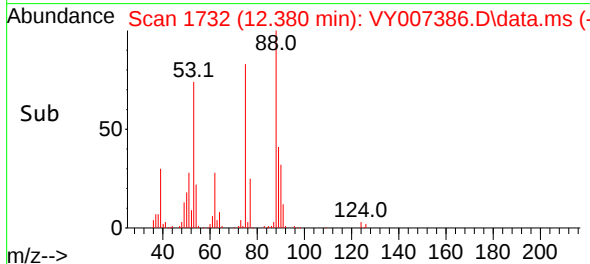
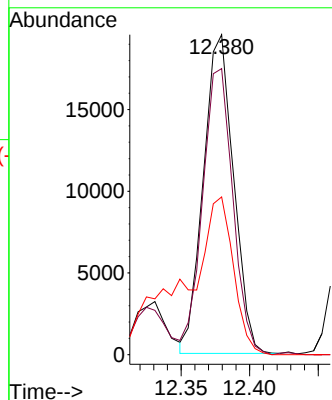
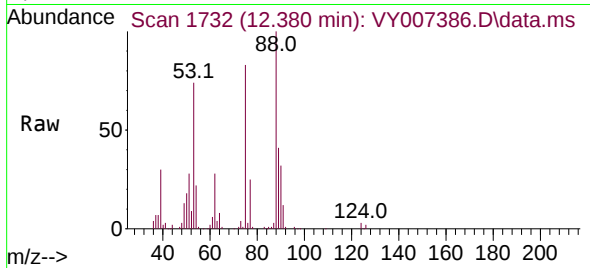




#81
trans-1,4-Dichloro-2-butene
Concen: 51.607 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

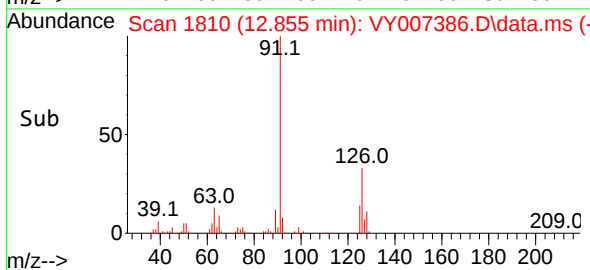
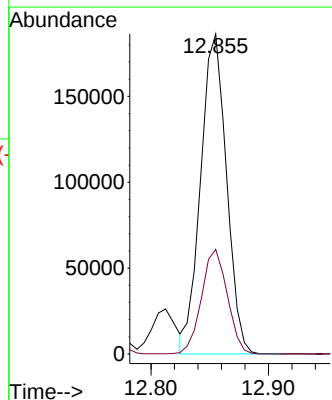
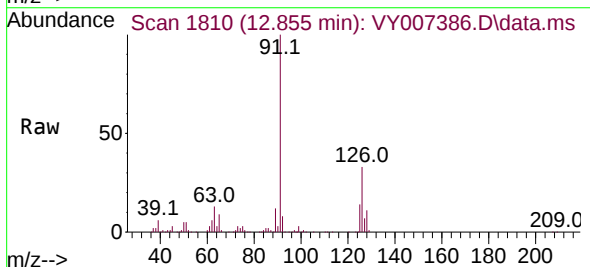
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

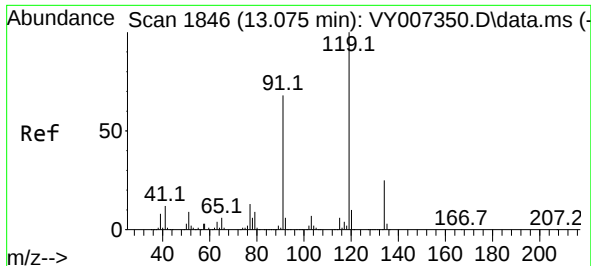
Tgt Ion: 75 Resp: 29826
Ion Ratio Lower Upper
75 100
53 90.1 85.3 127.9
89 83.4 37.0 55.4#



#82
4-Chlorotoluene
Concen: 46.511 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 91 Resp: 285159
Ion Ratio Lower Upper
91 100
126 32.6 17.0 51.0

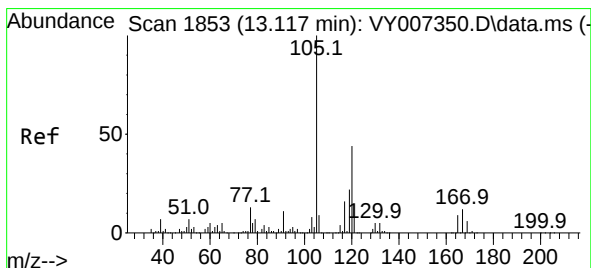
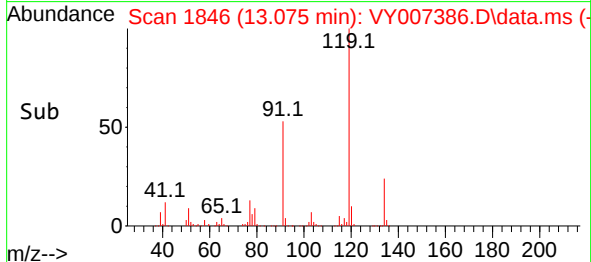
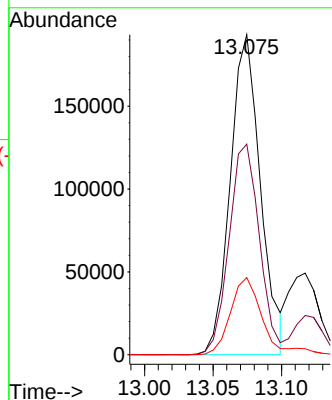
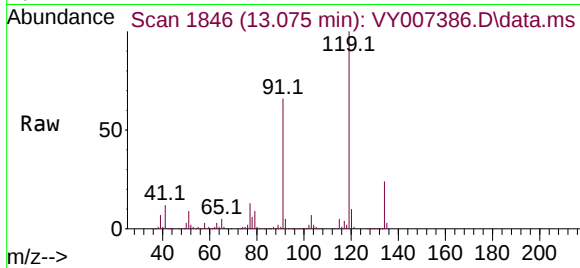




#83
tert-Butylbenzene
Concen: 46.911 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

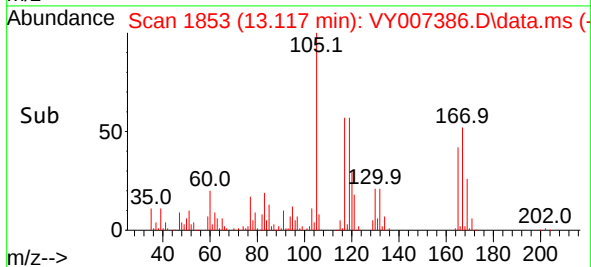
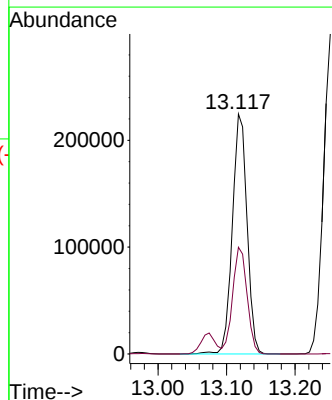
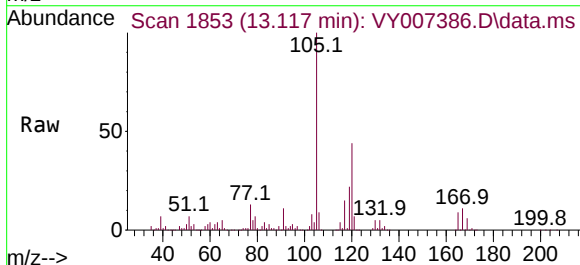
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

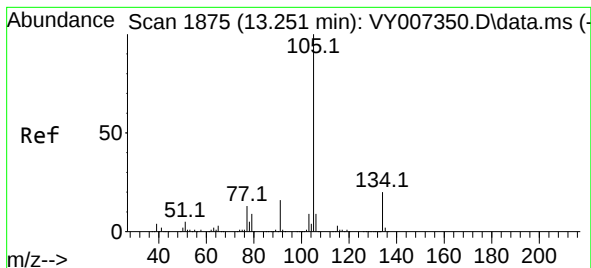
Tgt Ion:119 Resp: 296547
Ion Ratio Lower Upper
119 100
91 66.2 34.8 104.4
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 46.811 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:105 Resp: 334684
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.732 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

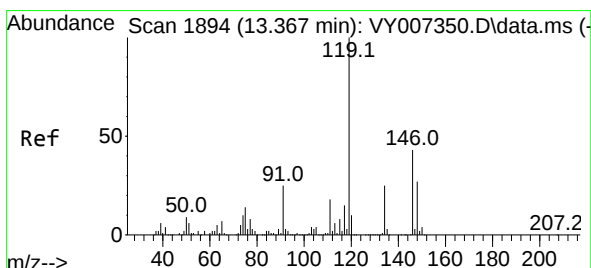
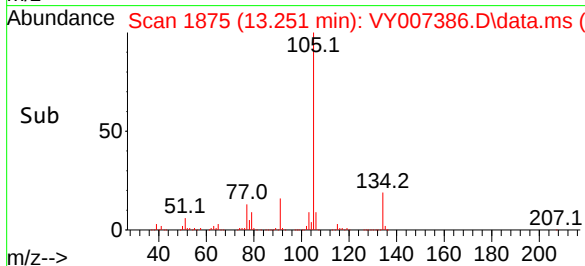
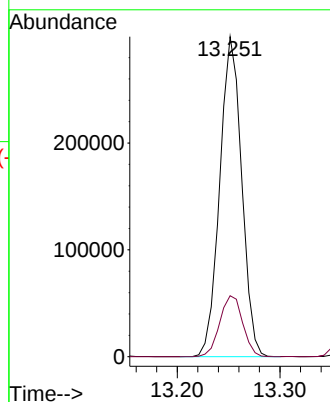
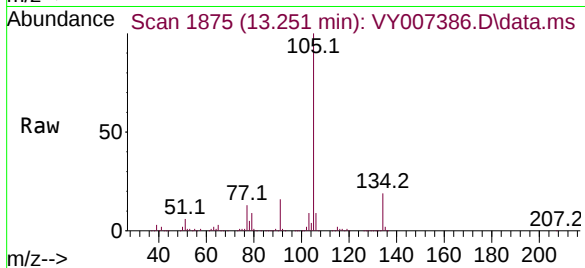
VSTDCCC050

Tgt Ion:105 Resp: 443097

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.449 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

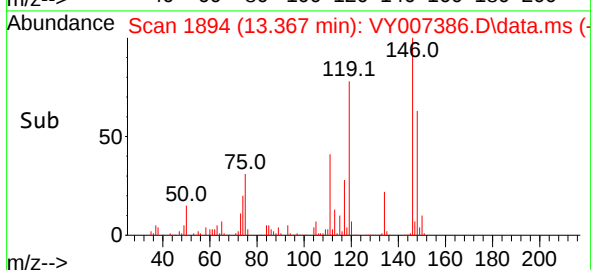
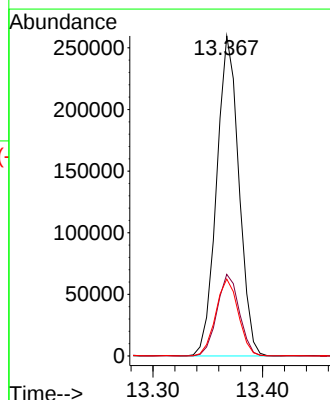
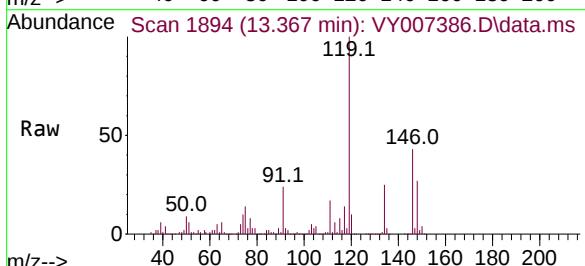
Tgt Ion:119 Resp: 366498

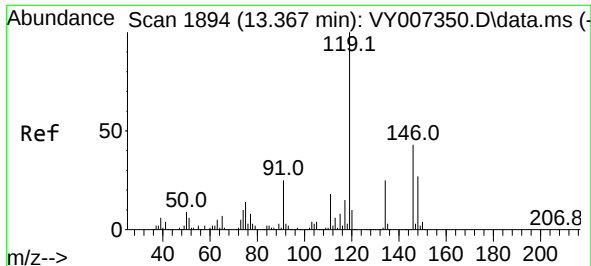
Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.5

91 24.4 12.4 37.2

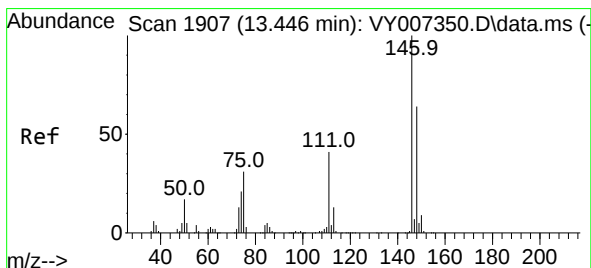
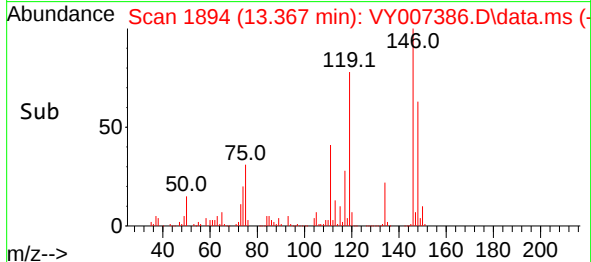
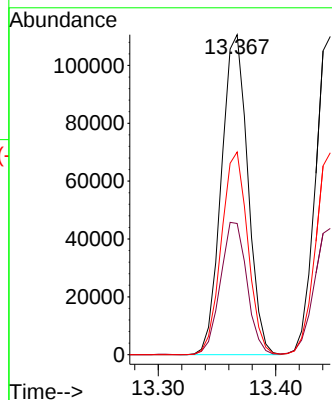
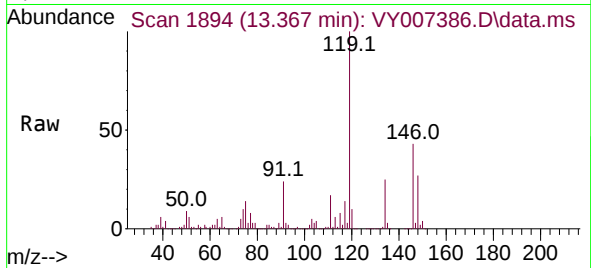




#87
1,3-Dichlorobenzene
Concen: 47.572 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

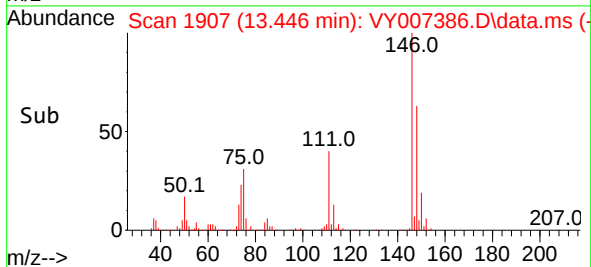
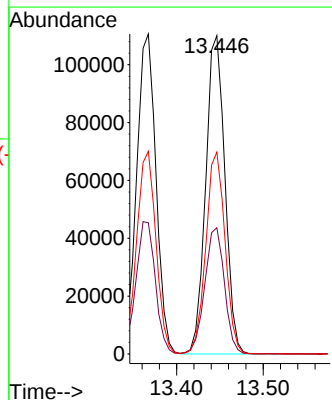
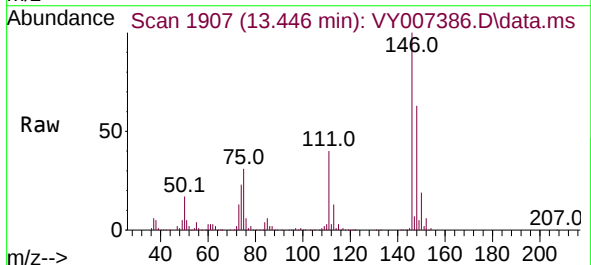
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

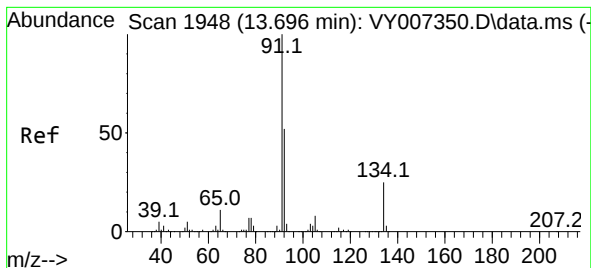
Tgt Ion:146 Resp: 172941
Ion Ratio Lower Upper
146 100
111 41.6 19.5 58.5
148 63.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 46.655 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:146 Resp: 169070
Ion Ratio Lower Upper
146 100
111 40.6 19.3 57.8
148 63.7 32.6 97.8





#89

n-Butylbenzene

Concen: 47.518 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

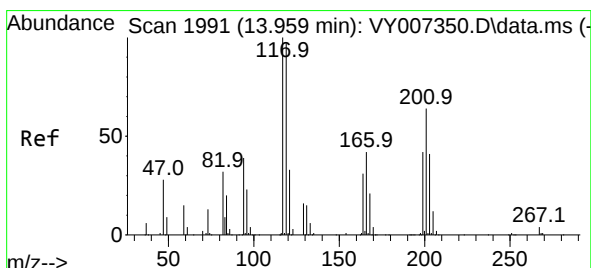
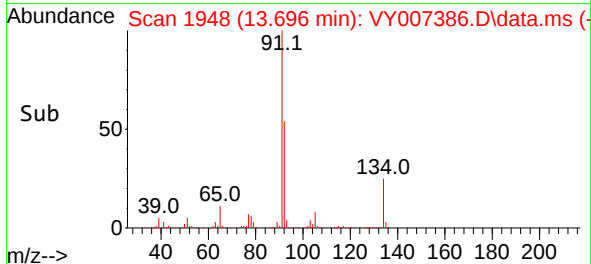
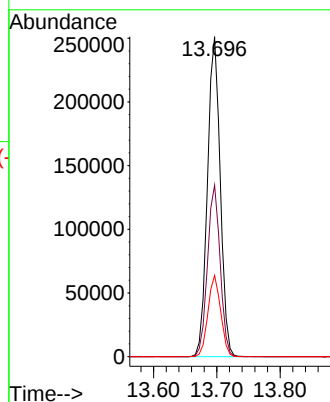
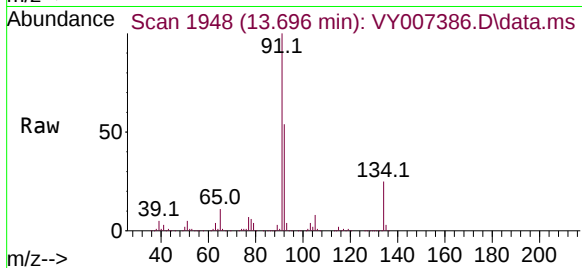
Tgt Ion: 91 Resp: 353257

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 25.2 13.0 38.9



#90

Hexachloroethane

Concen: 47.243 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY007386.D

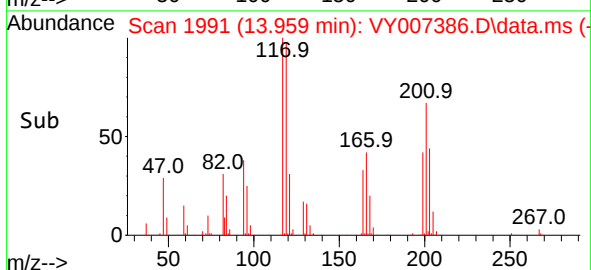
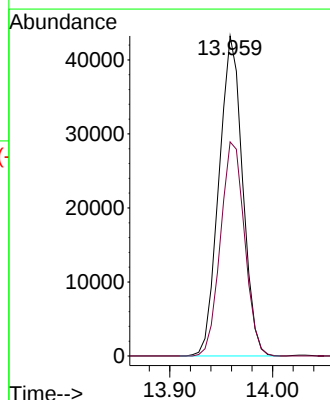
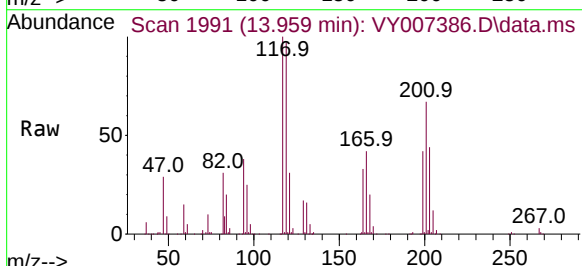
Acq: 04 Feb 2022 10:45

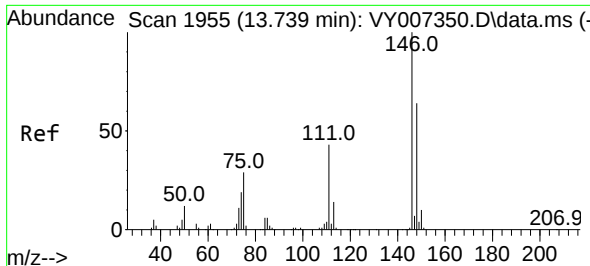
Tgt Ion: 117 Resp: 68961

Ion Ratio Lower Upper

117 100

201 68.1 43.0 128.8

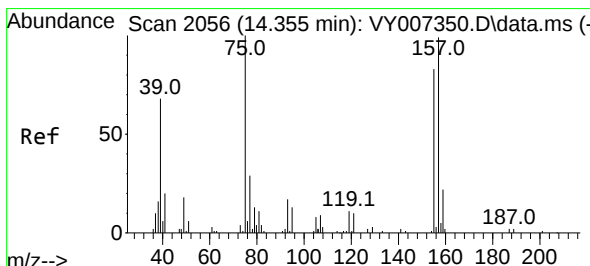
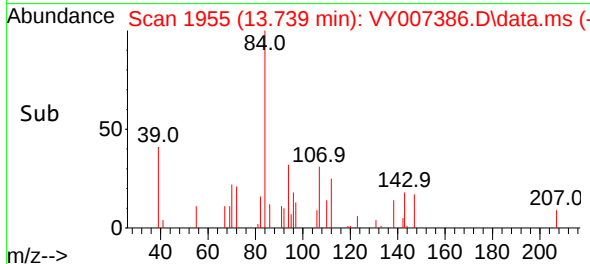
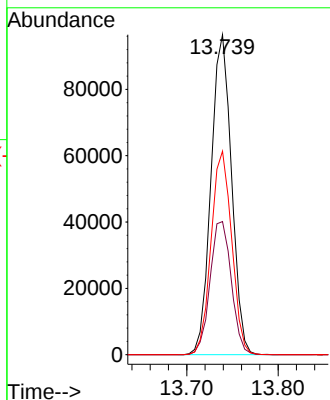
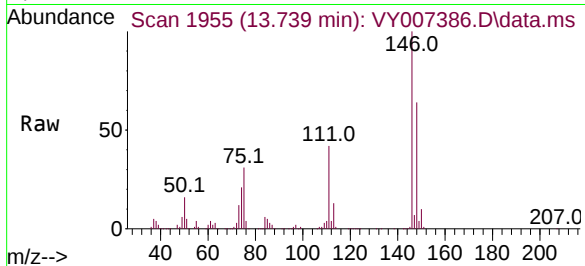




#91
1,2-Dichlorobenzene
Concen: 46.934 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

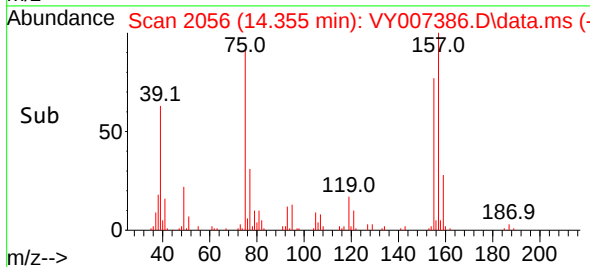
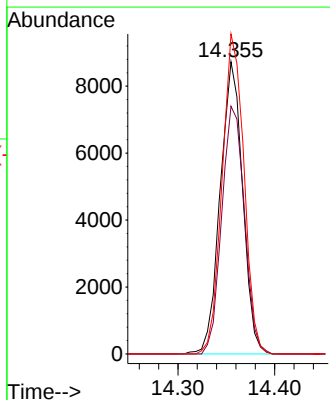
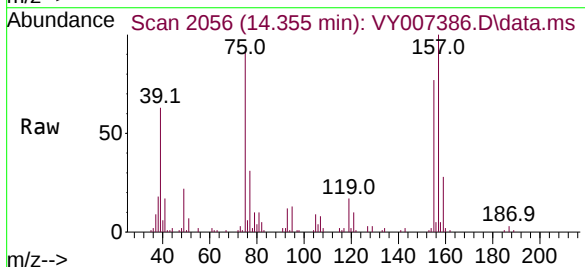
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

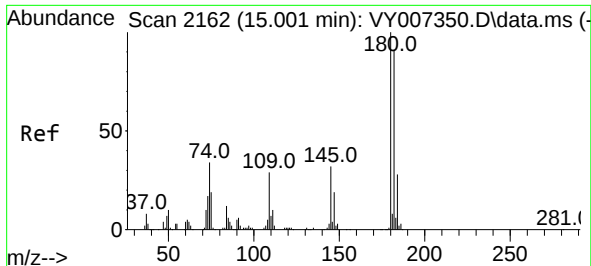
Tgt Ion:146 Resp: 150184
Ion Ratio Lower Upper
146 100
111 43.3 20.3 60.9
148 64.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.972 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion: 75 Resp: 13993
Ion Ratio Lower Upper
75 100
155 85.7 38.0 113.9
157 106.7 47.8 143.3

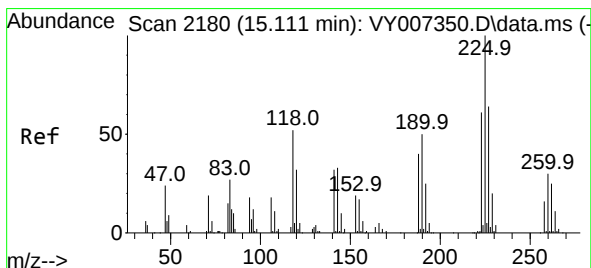
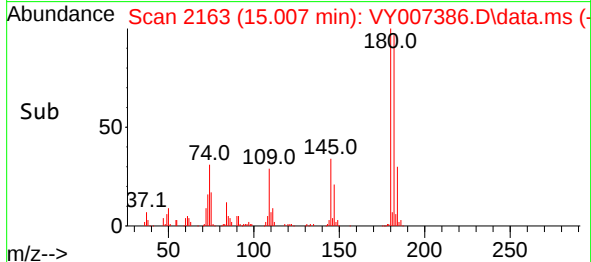
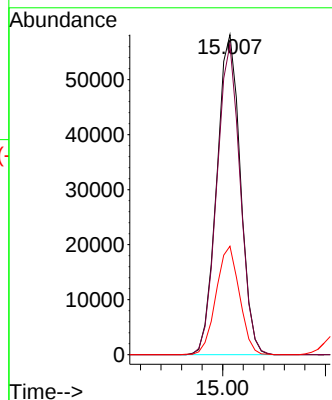
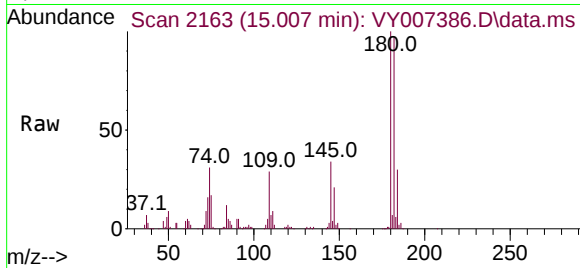




#93
1,2,4-Trichlorobenzene
Concen: 48.868 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

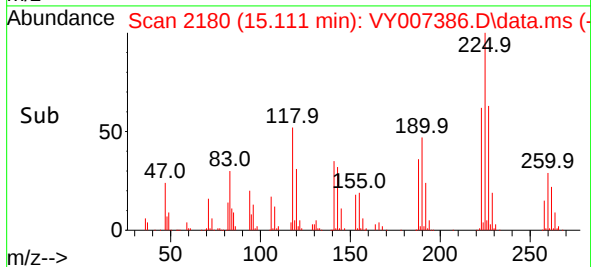
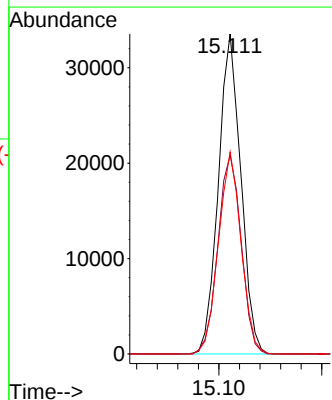
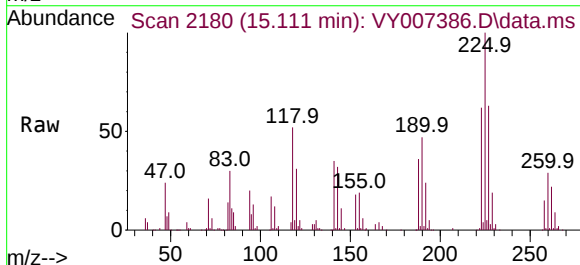
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

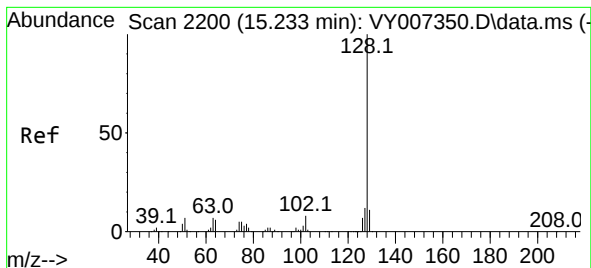
Tgt Ion:180 Resp: 92604
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 33.7 14.6 43.8



#94
Hexachlorobutadiene
Concen: 48.476 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007386.D
Acq: 04 Feb 2022 10:45

Tgt Ion:225 Resp: 50852
Ion Ratio Lower Upper
225 100
223 64.4 30.8 92.3
227 63.5 31.6 94.7





#95

Naphthalene

Concen: 54.603 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

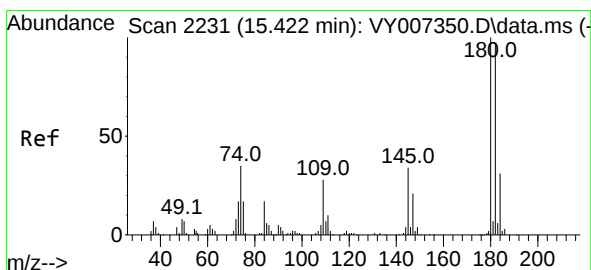
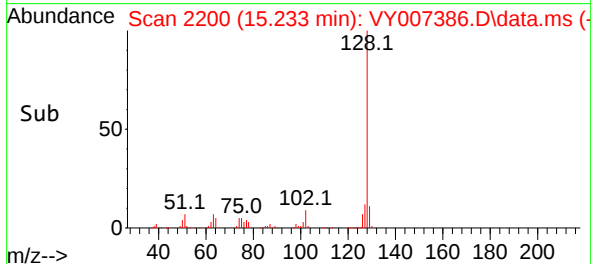
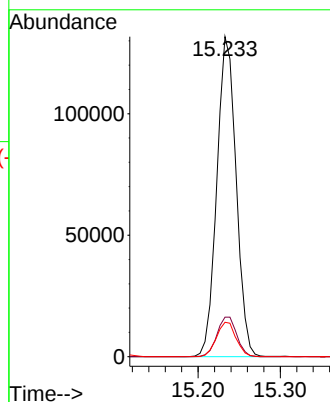
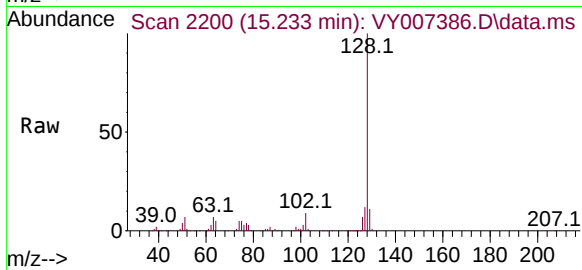
Tgt Ion:128 Resp: 215025

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.961 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY007386.D

Acq: 04 Feb 2022 10:45

Tgt Ion:180 Resp: 81517

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 35.2 15.3 45.9

