

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007400.D
 Acq On : 04 Feb 2022 17:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 23:37:28 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	144207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87408	52.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.400%	
35) Dibromofluoromethane	7.716	113	81719	51.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.179	98	309845	53.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.440%	
62) 4-Bromofluorobenzene	12.477	95	101218	51.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77410	45.849	ug/l	99
3) Chloromethane	2.113	50	88024	47.444	ug/l	95
4) Vinyl Chloride	2.253	62	93190	46.806	ug/l	100
5) Bromomethane	2.650	94	60960	50.549	ug/l	100
6) Chloroethane	2.796	64	57873	47.331	ug/l	98
7) Trichlorofluoromethane	3.125	101	153696	47.638	ug/l	94
8) Diethyl Ether	3.527	74	46347	48.395	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	87475	48.141	ug/l	90
10) Methyl Iodide	4.094	142	99358	50.723	ug/l	96
11) Tert butyl alcohol	4.948	59	40712	205.012	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	79419	47.317	ug/l	89
13) Acrolein	3.723	56	43331	194.459	ug/l	99
14) Allyl chloride	4.485	41	129716	50.317	ug/l #	96
15) Acrylonitrile	5.161	53	111803	248.484	ug/l	99
16) Acetone	3.942	43	116789	216.792	ug/l	95
17) Carbon Disulfide	4.192	76	247642	46.997	ug/l	99
18) Methyl Acetate	4.472	43	49424	48.983	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	233217	49.319	ug/l	94
20) Methylene Chloride	4.710	84	89845	51.529	ug/l	83
21) trans-1,2-Dichloroethene	5.222	96	90093	48.520	ug/l	88
22) Diisopropyl ether	6.112	45	268204	49.652	ug/l	97
23) Vinyl Acetate	6.057	43	880815	250.027	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	161854	49.612	ug/l	98
25) 2-Butanone	6.984	43	150874	231.803	ug/l #	91
26) 2,2-Dichloropropane	6.984	77	146833	47.037	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	100594	49.047	ug/l	91
28) Bromochloromethane	7.332	49	65252	51.153	ug/l	90
29) Tetrahydrofuran	7.344	42	92815	246.778	ug/l	88
30) Chloroform	7.508	83	168744	49.722	ug/l	98
31) Cyclohexane	7.789	56	149795	46.281	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	151902	48.159	ug/l	96
36) 1,1-Dichloropropene	7.917	75	130678	47.436	ug/l	99
37) Ethyl Acetate	7.076	43	64807	47.319	ug/l	96
38) Carbon Tetrachloride	7.899	117	138782	47.951	ug/l	96
39) Methylcyclohexane	9.185	83	161104	46.567	ug/l	92
40) Benzene	8.161	78	351928	48.195	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	87208	128.137	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	107957	48.635	ug/l	94
43) Isopropyl Acetate	8.271	43	126504	49.391	ug/l #	92
44) Trichloroethene	8.941	130	94031	47.626	ug/l	96
45) 1,2-Dichloropropane	9.215	63	87265	48.465	ug/l	92
46) Dibromomethane	9.307	93	51795	48.350	ug/l	92
47) Bromodichloromethane	9.496	83	127445	49.198	ug/l	99
48) Methyl methacrylate	9.295	41	57492	49.634	ug/l	90
49) 1,4-Dioxane	9.301	88	11115	947.220	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	319701	246.113	ug/l	92
52) Toluene	10.240	92	220729	47.976	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	131267	48.505	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	148635	49.035	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	68724	48.847	ug/l	95
56) Ethyl methacrylate	10.508	69	98025	50.162	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	121486	48.701	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	251323	247.240	ug/l	97
59) 2-Hexanone	10.831	43	220580	232.918	ug/l	91
60) Dibromochloromethane	10.983	129	84492	48.238	ug/l	100
61) 1,2-Dibromoethane	11.087	107	68057	48.894	ug/l	100
64) Tetrachloroethene	10.721	164	81151	47.869	ug/l	92
65) Chlorobenzene	11.514	112	230719	48.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	86491	48.214	ug/l	99
67) Ethyl Benzene	11.593	91	439311	48.176	ug/l	100
68) m/p-Xylenes	11.703	106	323030	95.645	ug/l	99
69) o-Xylene	12.026	106	155268	48.625	ug/l	100
70) Styrene	12.044	104	257793	48.974	ug/l	99
71) Bromoform	12.209	173	48216	48.715	ug/l #	99
73) Isopropylbenzene	12.325	105	416907	48.417	ug/l	98
74) N-amyl acetate	12.142	43	107858	50.604	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	75856	48.239	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	102994	91.953	ug/l #	100
77) Bromobenzene	12.605	156	88276	48.669	ug/l	97
78) n-propylbenzene	12.672	91	511549	49.047	ug/l	98
79) 2-Chlorotoluene	12.758	91	279499	48.402	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	345221	49.145	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	26583	47.548	ug/l	91
82) 4-Chlorotoluene	12.855	91	290612	48.999	ug/l	98
83) tert-Butylbenzene	13.075	119	299114	48.913	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	337594	48.811	ug/l	98
85) sec-Butylbenzene	13.251	105	444643	48.477	ug/l	98
86) p-Isopropyltoluene	13.367	119	365157	48.870	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	172656	49.096	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	169853	48.452	ug/l	98
89) n-Butylbenzene	13.696	91	352238	48.979	ug/l	98
90) Hexachloroethane	13.959	117	70417	49.868	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	150959	48.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12296	48.117	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	87819	47.907	ug/l	98
94) Hexachlorobutadiene	15.111	225	49441	48.720	ug/l	99
95) Naphthalene	15.233	128	191124	50.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	76667	49.546	ug/l	98

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QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

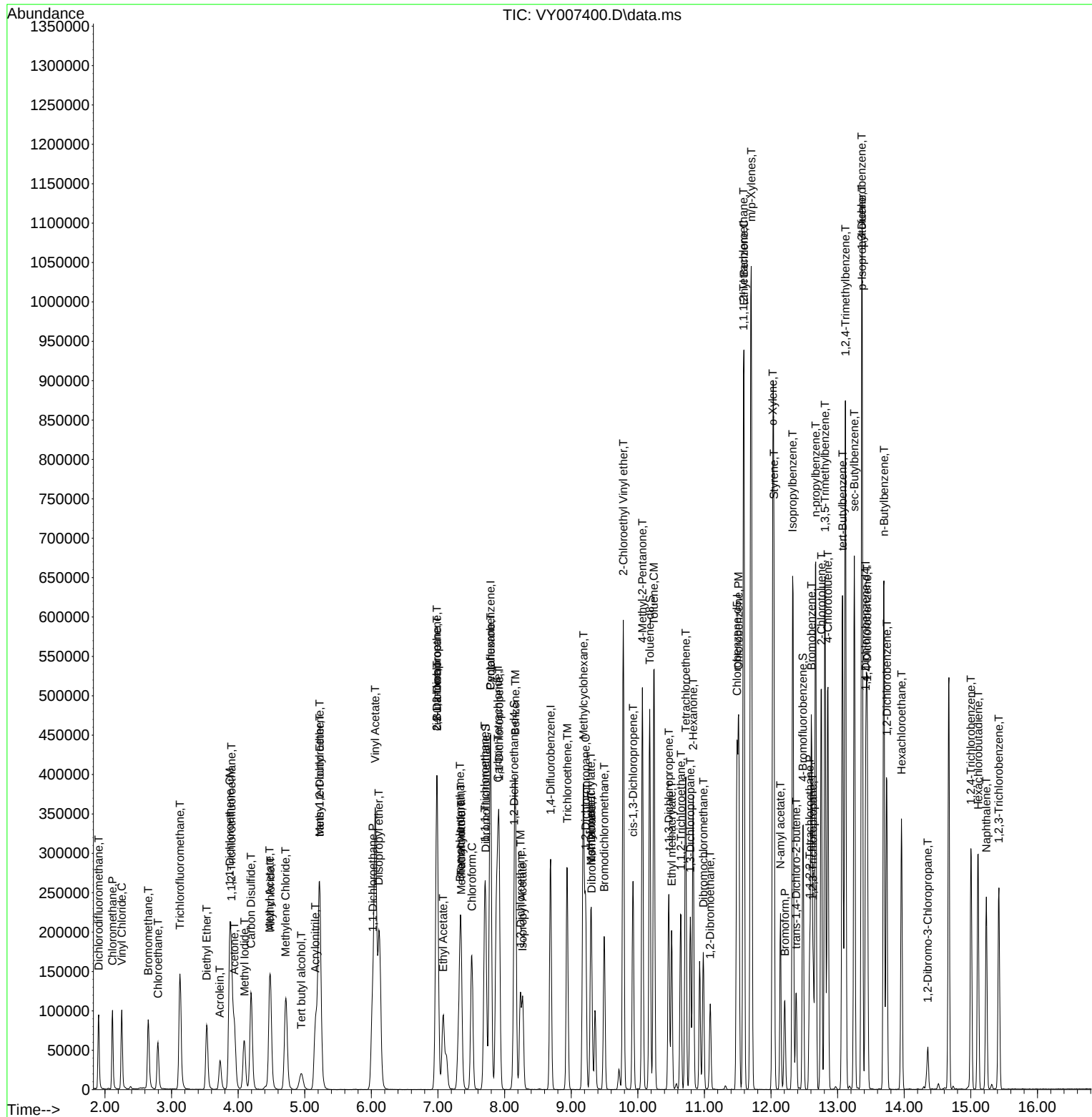
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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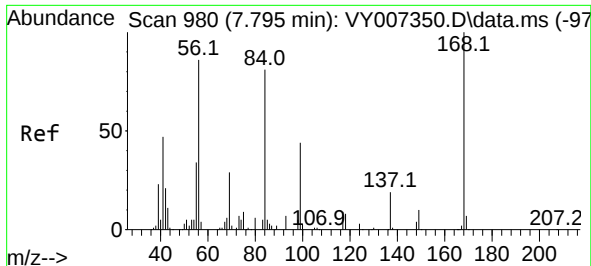
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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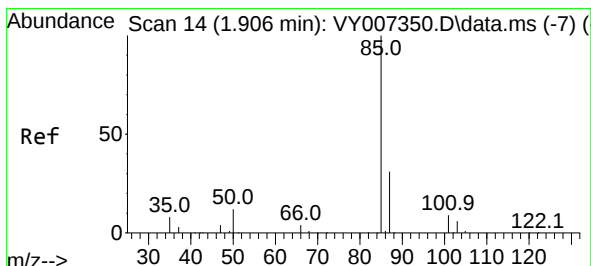
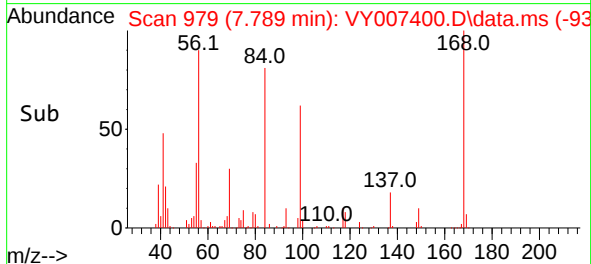
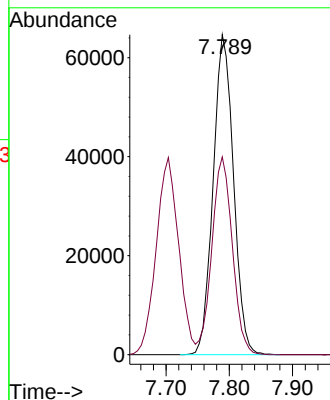
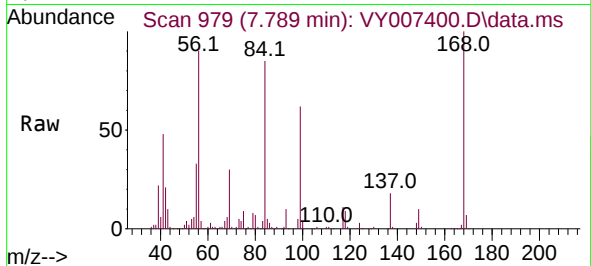




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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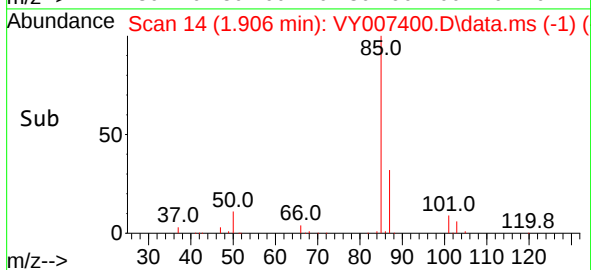
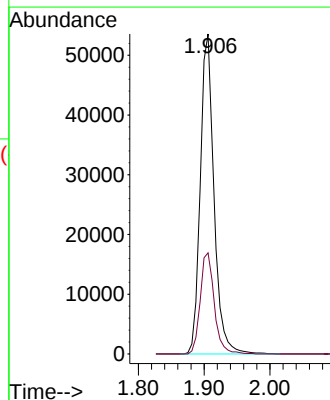
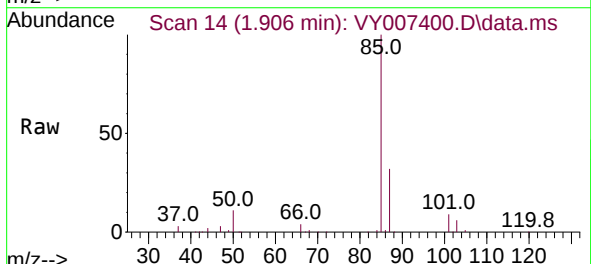
Instrument :
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VSTDCCC050EC

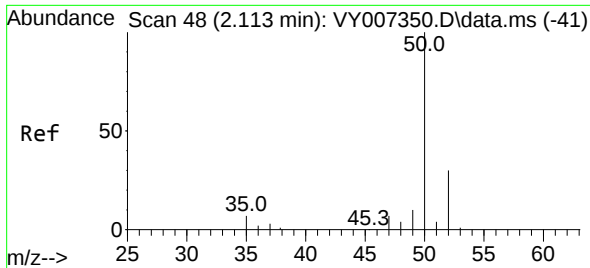
Tgt Ion:168 Resp: 144207
Ion Ratio Lower Upper
168 100
99 61.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 45.849 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 85 Resp: 77410
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

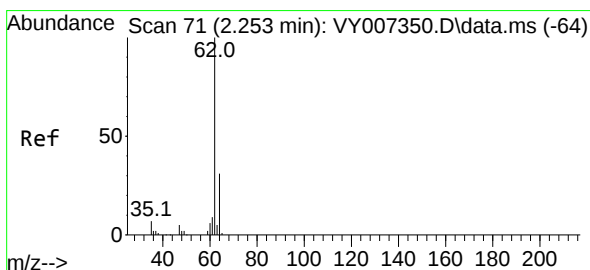
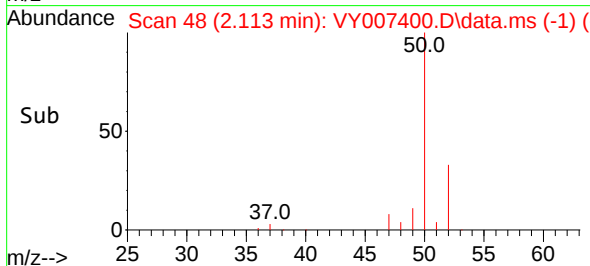
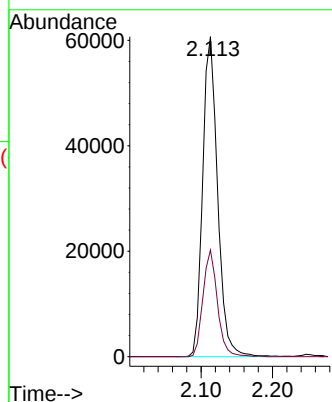
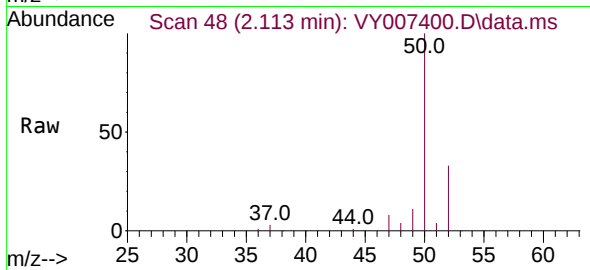




#3
Chloromethane
Concen: 47.444 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

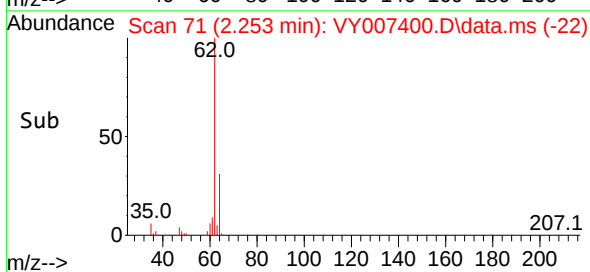
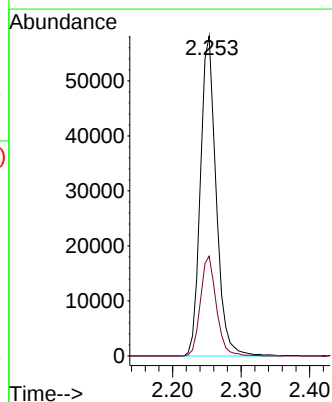
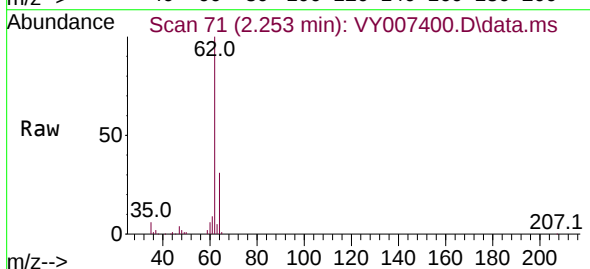
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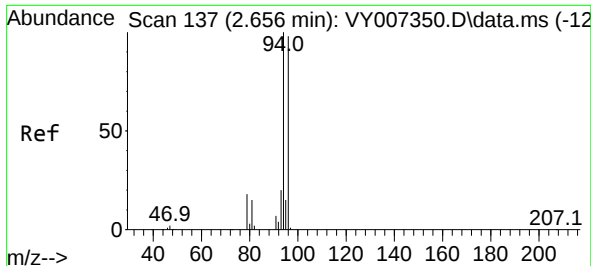
Tgt Ion: 50 Resp: 88024
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 46.806 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 62 Resp: 93190
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

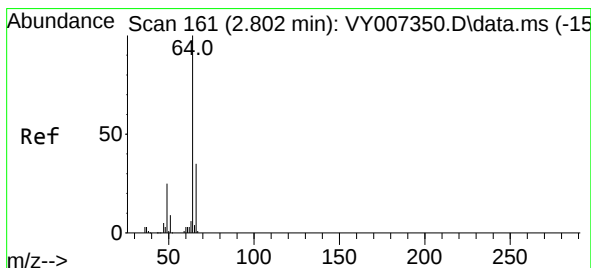
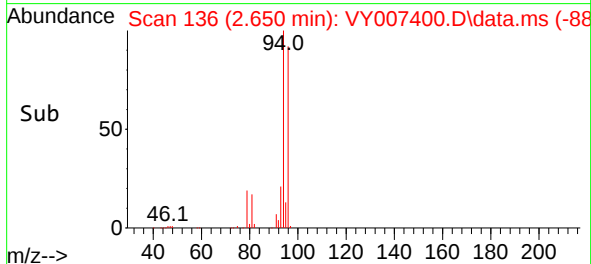
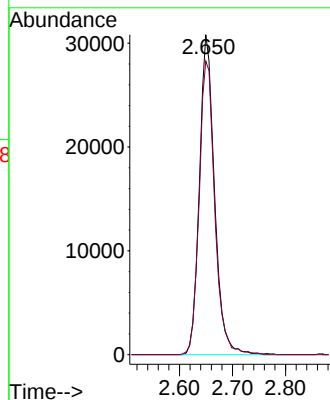
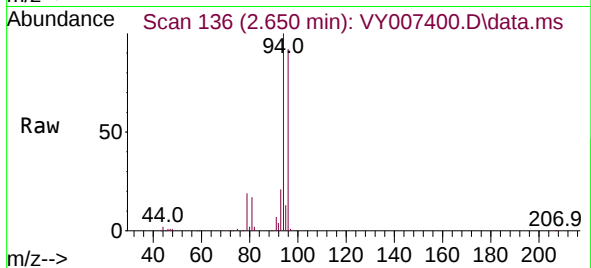




#5
Bromomethane
Concen: 50.549 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
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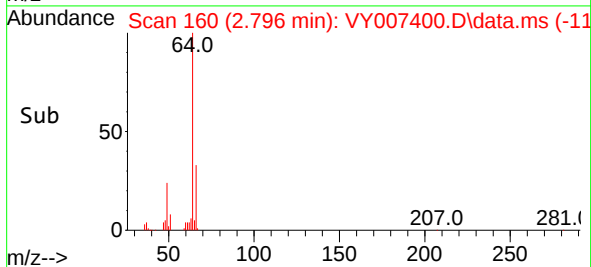
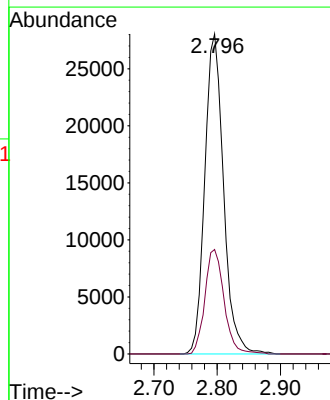
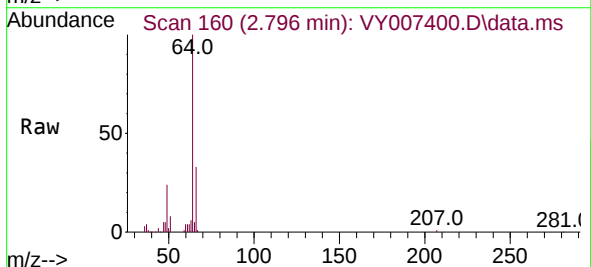
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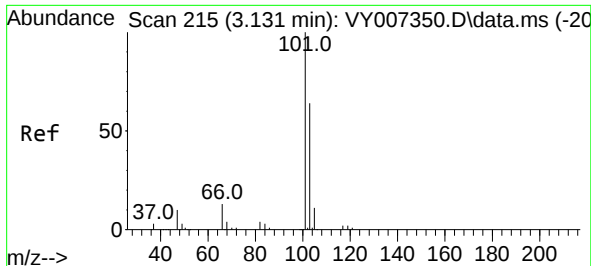
Tgt Ion: 94 Resp: 60960
Ion Ratio Lower Upper
94 100
96 91.7 73.5 110.3



#6
Chloroethane
Concen: 47.331 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY007400.D
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Tgt Ion: 64 Resp: 57873
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

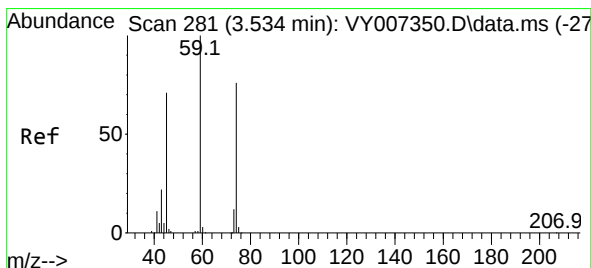
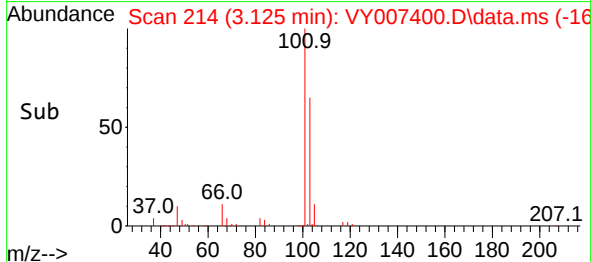
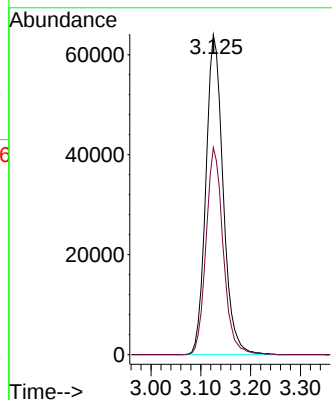
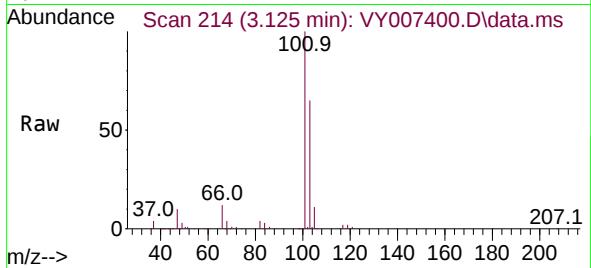




#7
Trichlorofluoromethane
Concen: 47.638 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

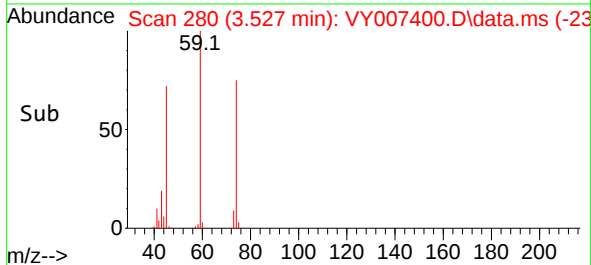
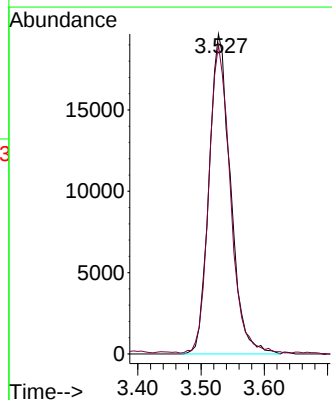
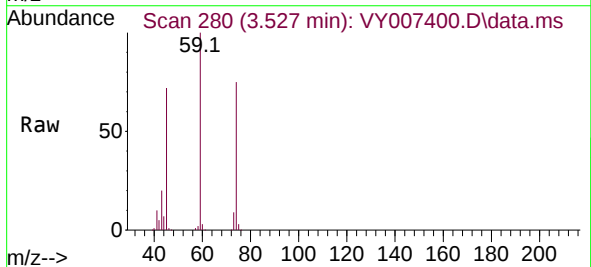
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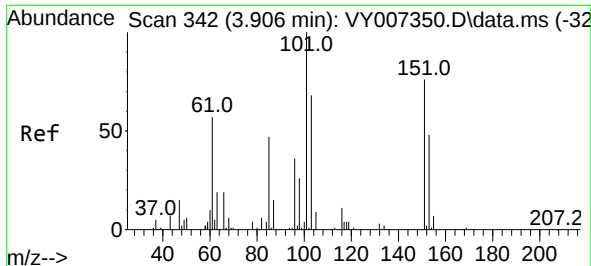
Tgt Ion:101 Resp: 153696
Ion Ratio Lower Upper
101 100
103 64.7 48.0 72.0



#8
Diethyl Ether
Concen: 48.395 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
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Acq: 04 Feb 2022 17:46

Tgt Ion: 74 Resp: 46347
Ion Ratio Lower Upper
74 100
45 96.5 55.1 165.5

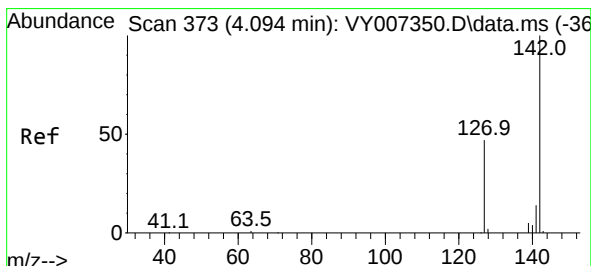
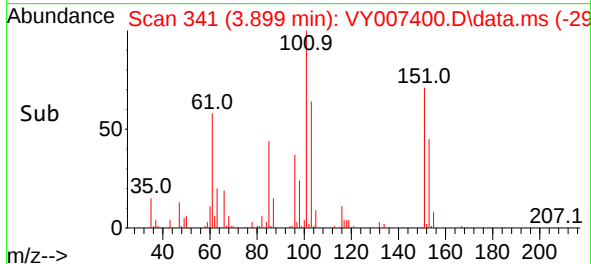
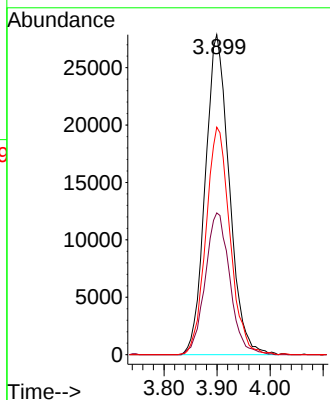
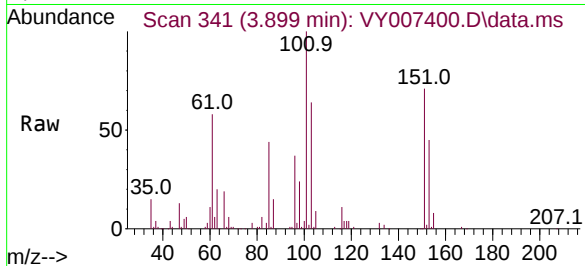




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.141 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

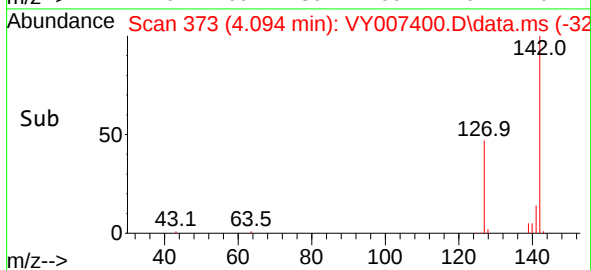
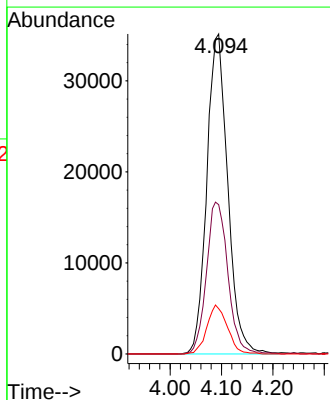
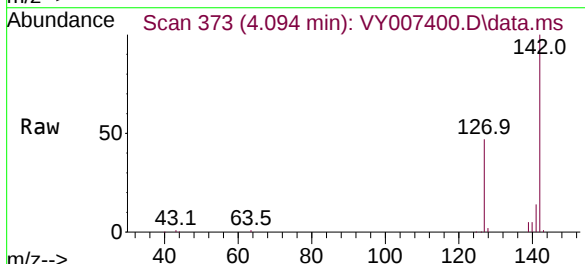
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

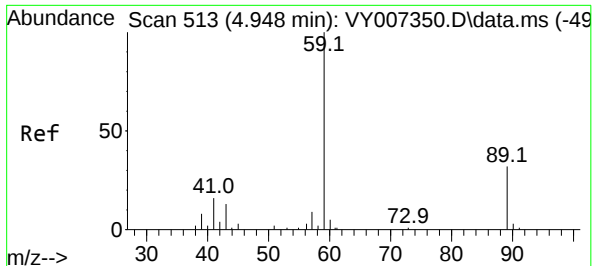
Tgt Ion:101 Resp: 87475
Ion Ratio Lower Upper
101 100
85 45.5 40.6 60.8
151 71.3 64.9 97.3



#10
Methyl Iodide
Concen: 50.723 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion:142 Resp: 99358
Ion Ratio Lower Upper
142 100
127 48.7 41.5 62.3
141 15.0 11.9 17.9

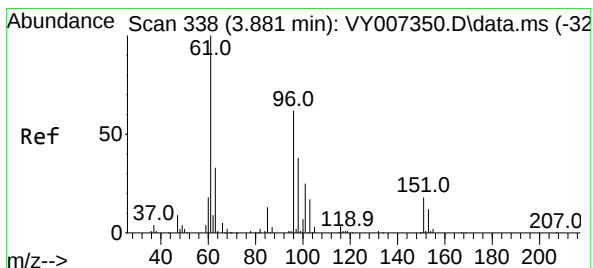
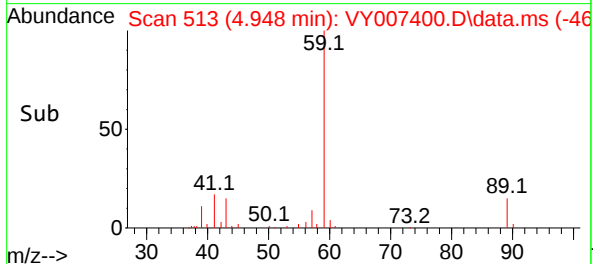
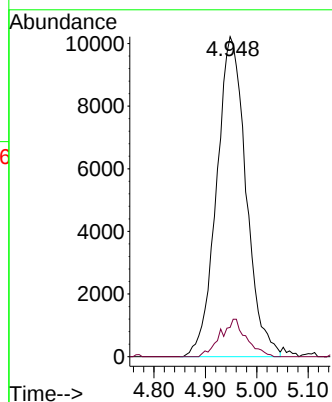
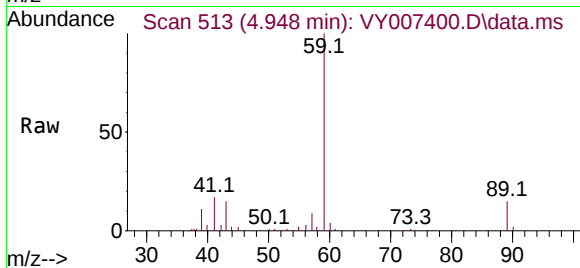




#11
Tert butyl alcohol
Concen: 205.012 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

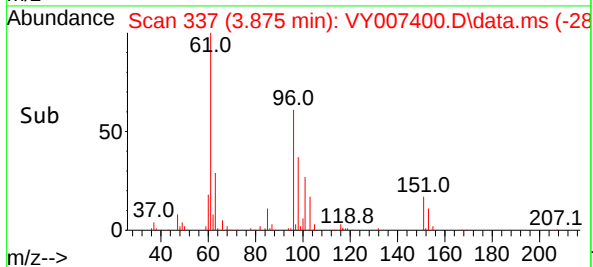
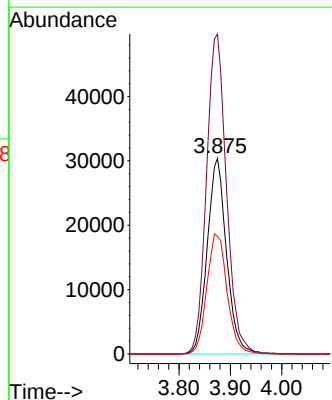
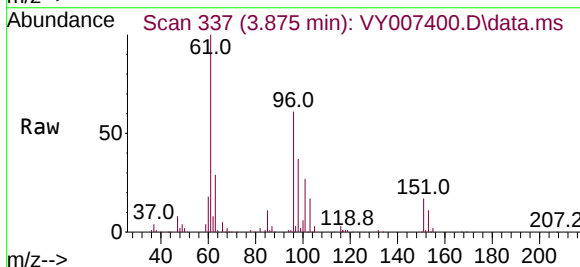
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

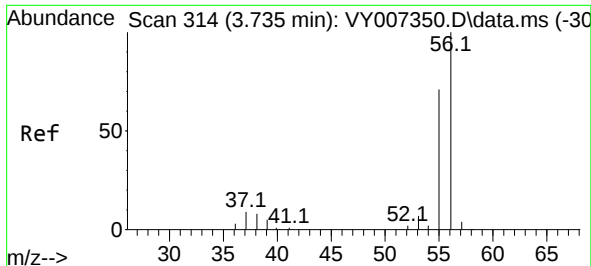
Tgt Ion: 59 Resp: 40712
Ion Ratio Lower Upper
59 100
57 10.3 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 47.317 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 96 Resp: 79419
Ion Ratio Lower Upper
96 100
61 163.5 145.8 218.6
98 60.2 52.5 78.7





#13

Acrolein

Concen: 194.459 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

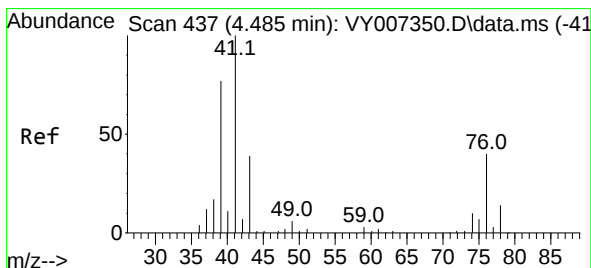
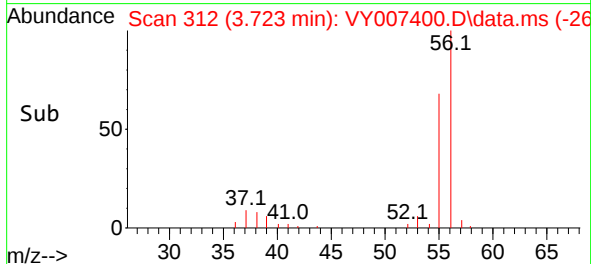
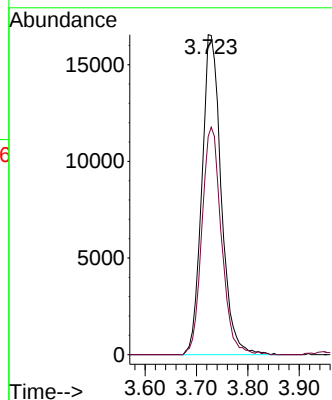
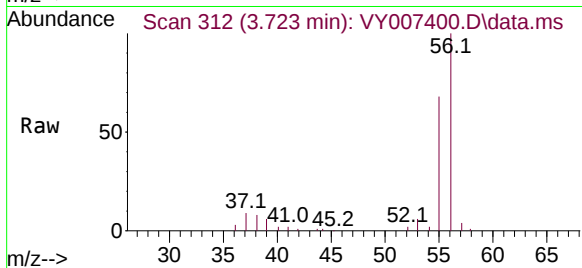
VSTDCCC050EC

Tgt Ion: 56 Resp: 43331

Ion Ratio Lower Upper

56 100

55 71.6 57.6 86.4



#14

Allyl chloride

Concen: 50.317 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

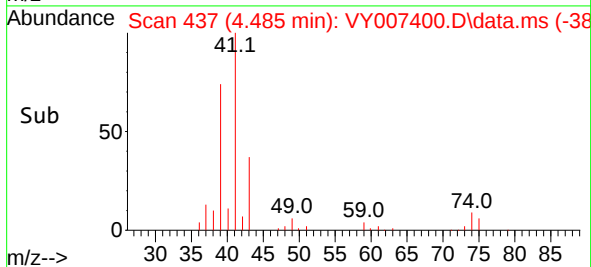
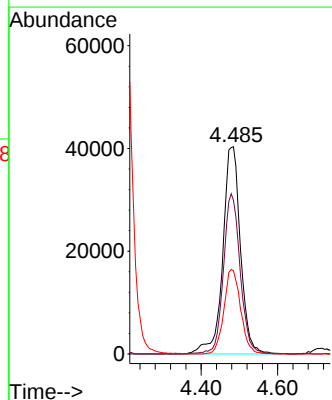
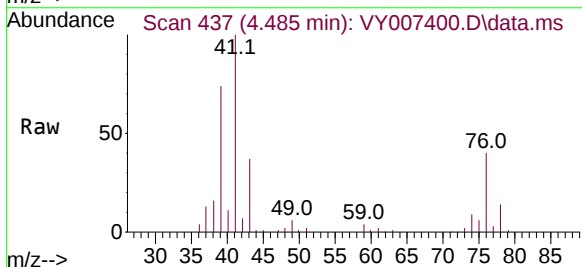
Tgt Ion: 41 Resp: 129716

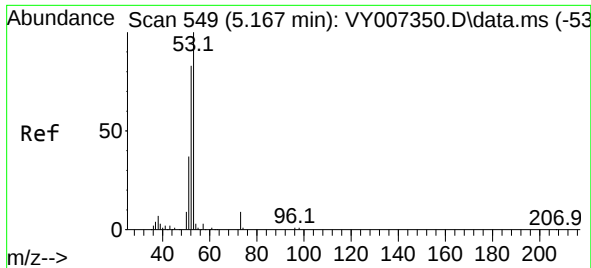
Ion Ratio Lower Upper

41 100

39 73.1 58.8 88.2

76 38.4 25.1 37.7#

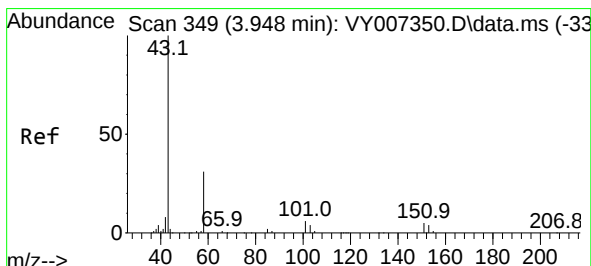
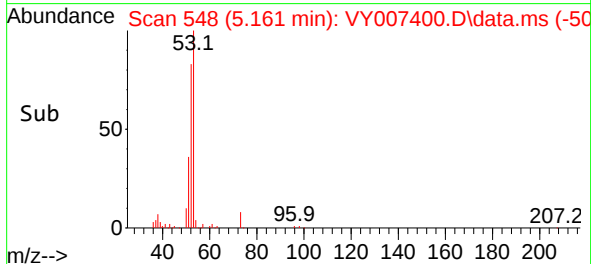
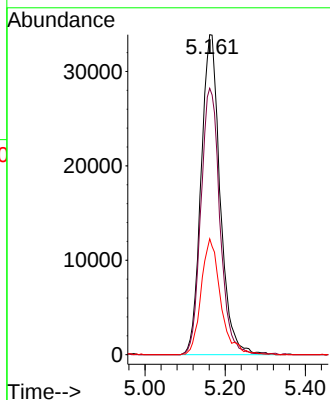
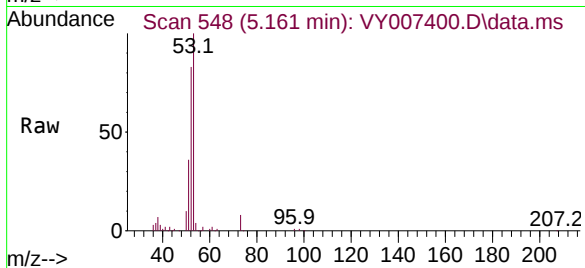




#15
Acrylonitrile
Concen: 248.484 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

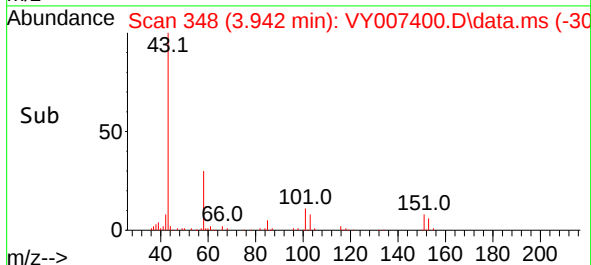
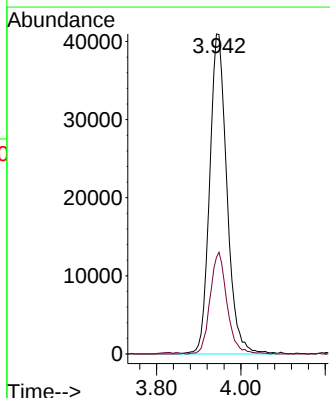
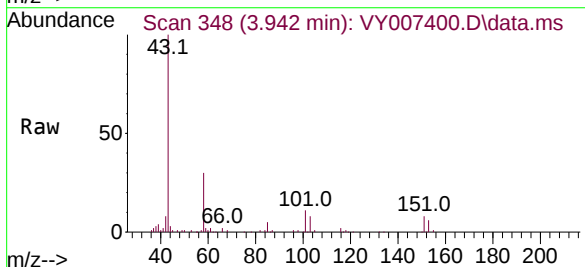
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

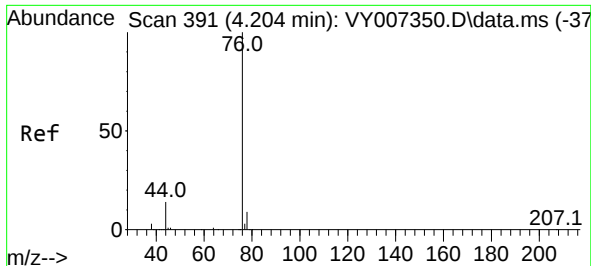
Tgt Ion: 53	Resp: 111803
Ion Ratio	Lower Upper
53 100	
52 82.7	67.0 100.4
51 37.0	29.8 44.6



#16
Acetone
Concen: 216.792 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 43	Resp: 116789
Ion Ratio	Lower Upper
43 100	
58 30.2	22.0 33.0

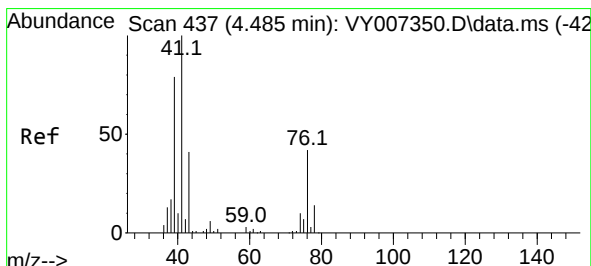
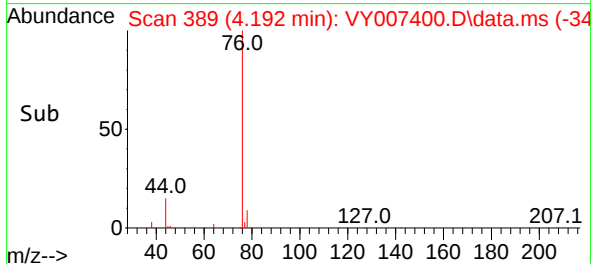
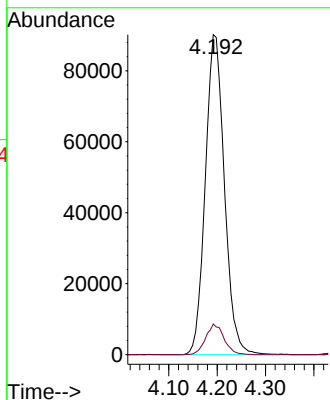
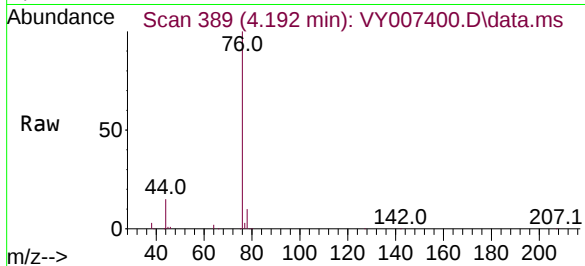




#17
Carbon Disulfide
Concen: 46.997 ug/l
RT: 4.192 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

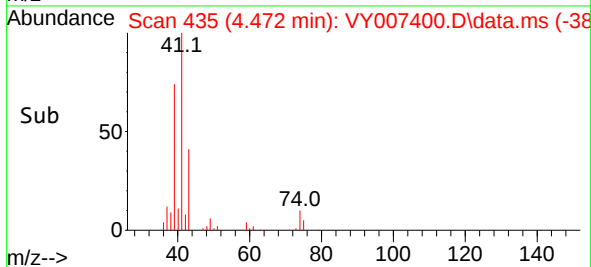
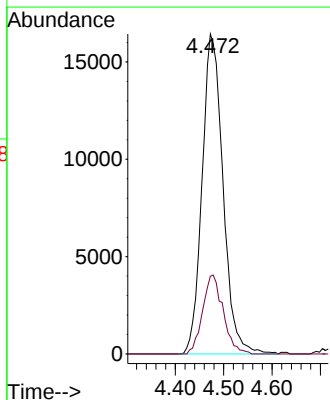
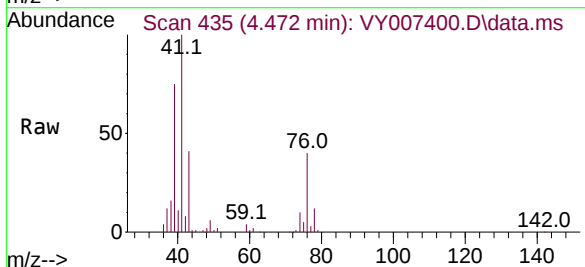
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

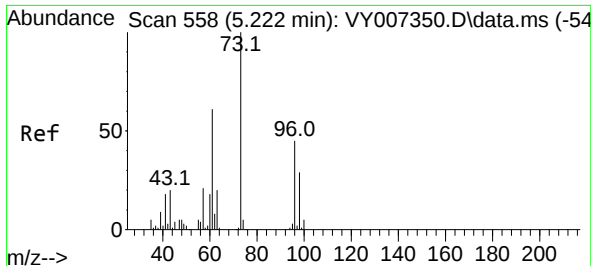
Tgt Ion: 76 Resp: 247642
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 48.983 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 43 Resp: 49424
Ion Ratio Lower Upper
43 100
74 24.2 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 49.319 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

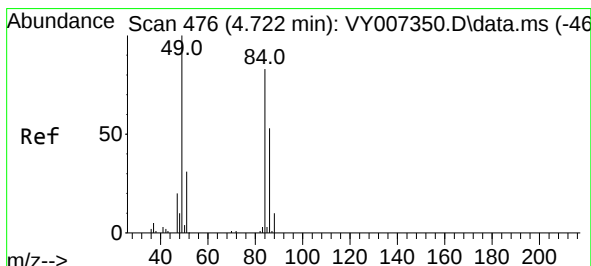
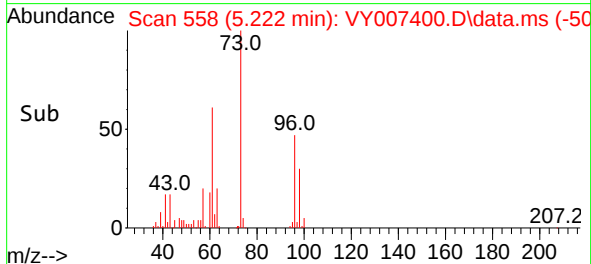
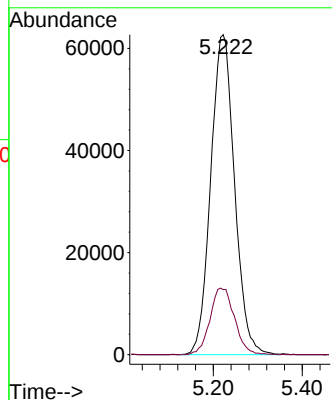
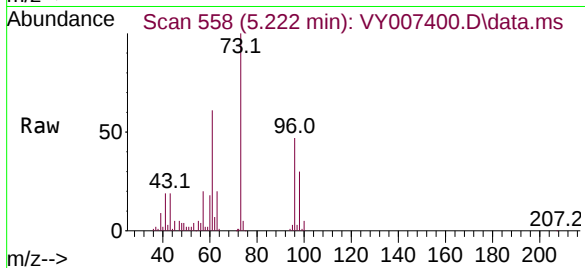
VSTDCCC050EC

Tgt Ion: 73 Resp: 233217

Ion Ratio Lower Upper

73 100

57 20.3 18.6 27.8



#20

Methylene Chloride

Concen: 51.529 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Tgt Ion: 84 Resp: 89845

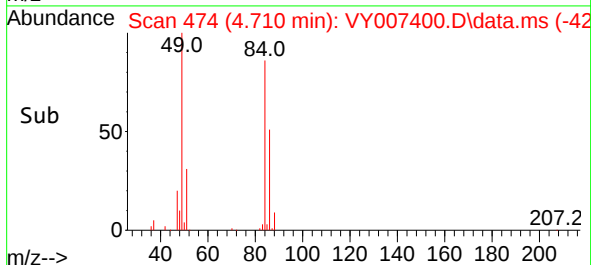
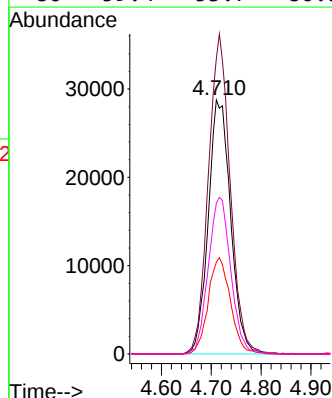
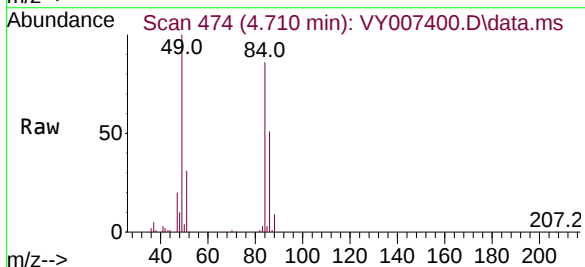
Ion Ratio Lower Upper

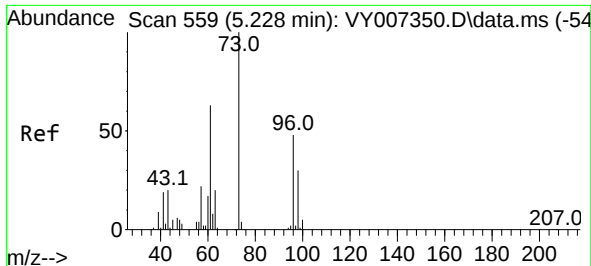
84 100

49 116.4 114.4 171.6

51 36.1 35.3 52.9

86 59.4 53.7 80.5

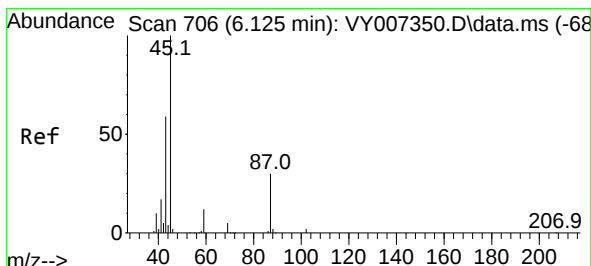
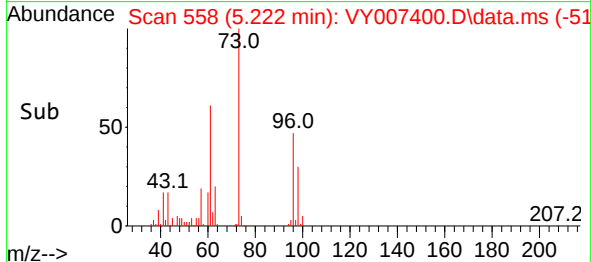
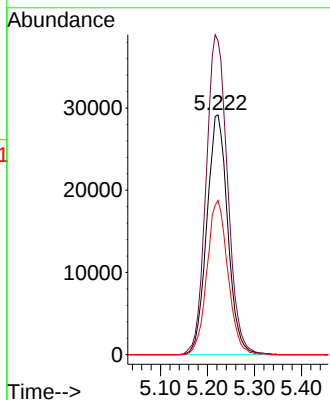
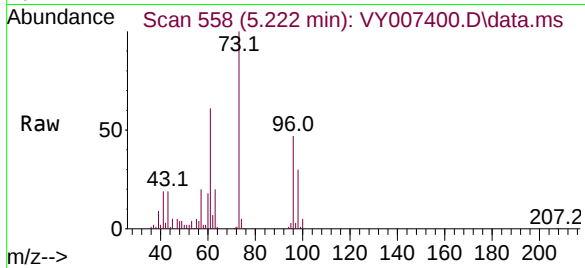




#21
trans-1,2-Dichloroethene
Concen: 48.520 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

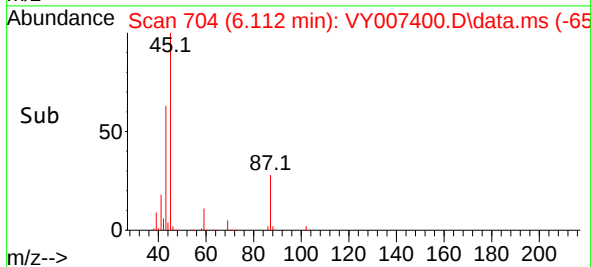
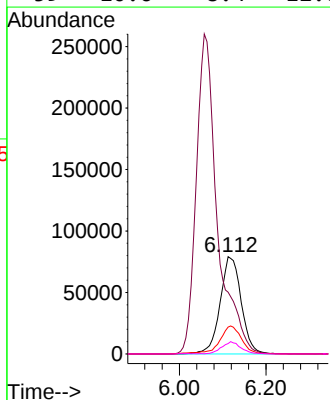
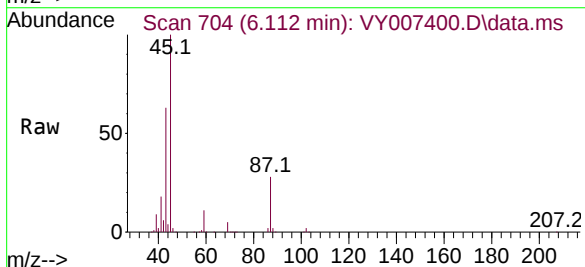
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

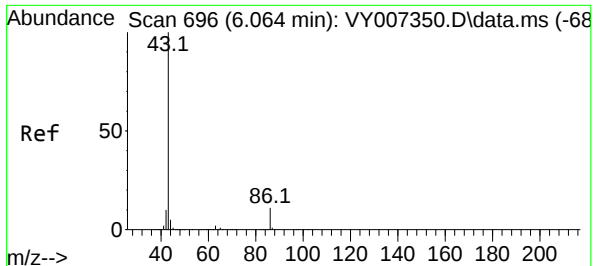
Tgt Ion: 96 Resp: 90093
Ion Ratio Lower Upper
96 100
61 130.9 120.5 180.7
98 64.3 49.8 74.8



#22
Diisopropyl ether
Concen: 49.652 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 45 Resp: 268204
Ion Ratio Lower Upper
45 100
43 63.0 49.3 73.9
87 27.6 19.2 28.8
59 10.6 8.4 12.6

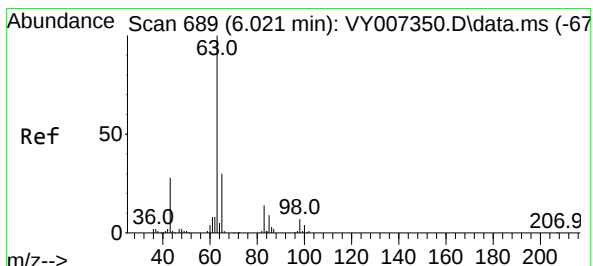
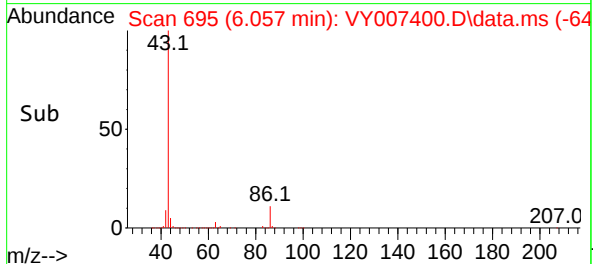
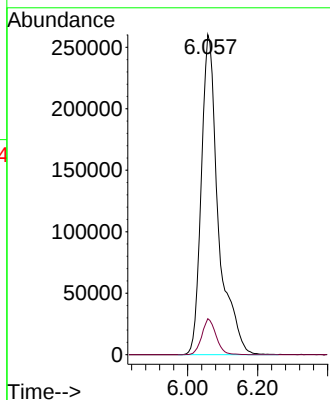
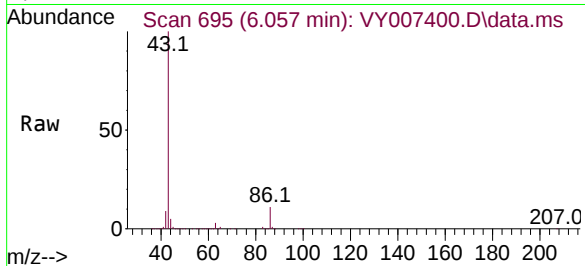




#23
 Vinyl Acetate
 Concen: 250.027 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

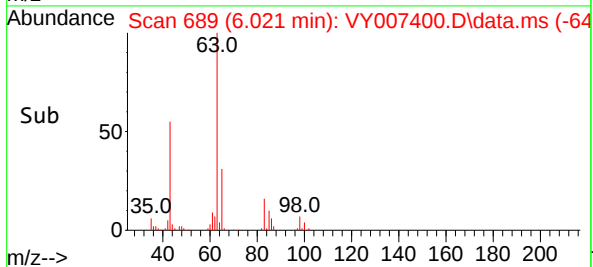
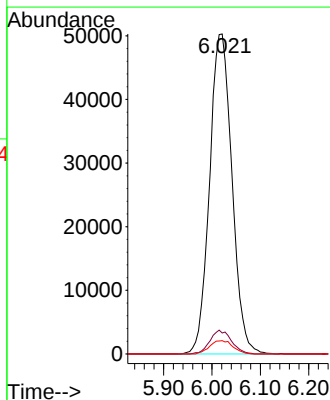
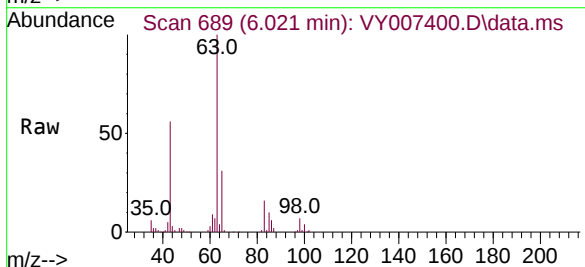
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

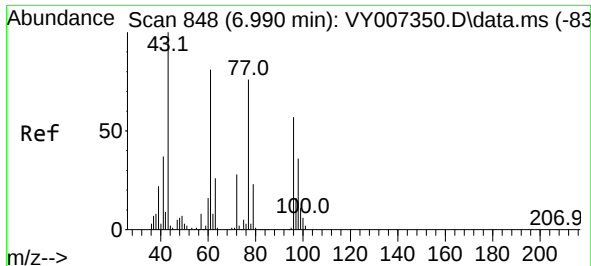
Tgt Ion: 43 Resp: 880815
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.612 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

Tgt Ion: 63 Resp: 161854
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 231.803 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

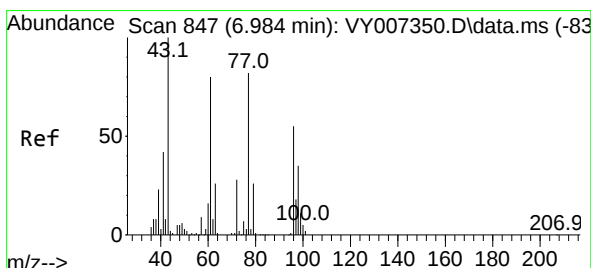
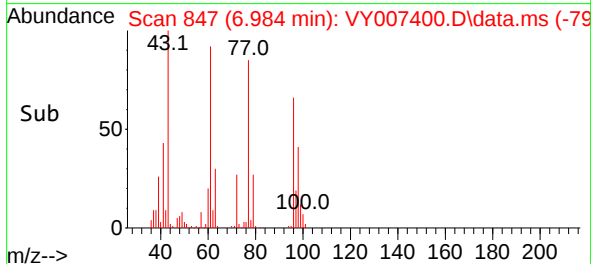
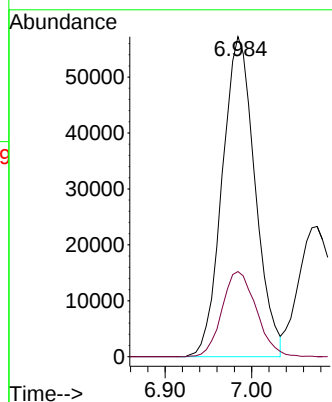
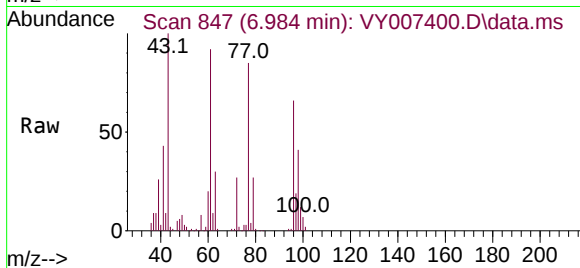
VSTDCCC050EC

Tgt Ion: 43 Resp: 150874

Ion Ratio Lower Upper

43 100

72 26.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 47.037 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007400.D

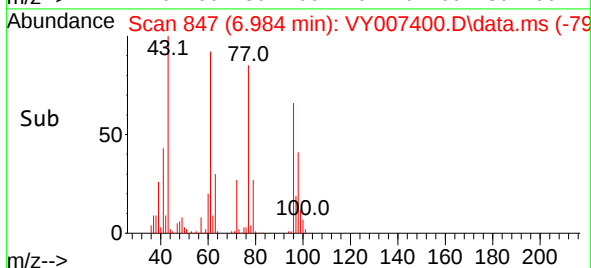
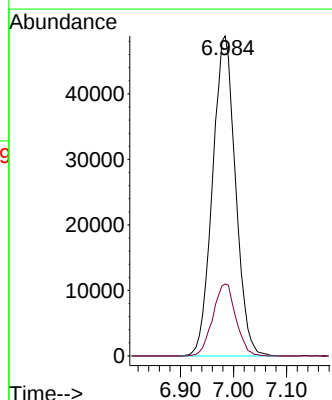
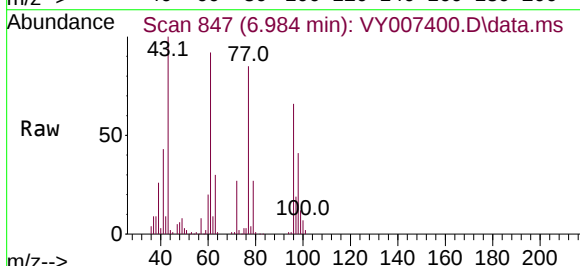
Acq: 04 Feb 2022 17:46

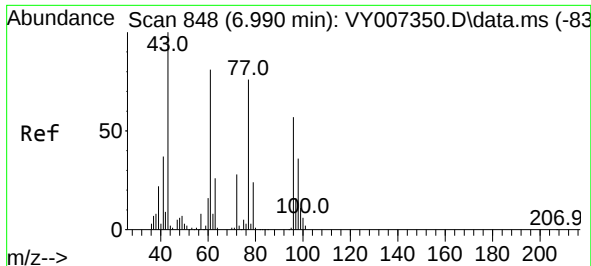
Tgt Ion: 77 Resp: 146833

Ion Ratio Lower Upper

77 100

97 22.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.047 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

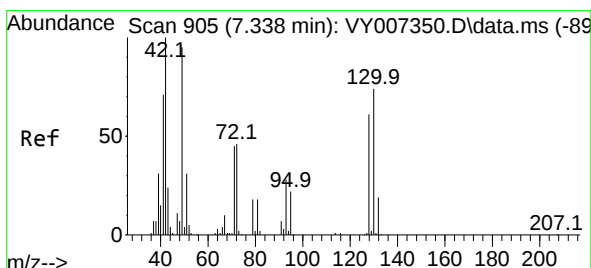
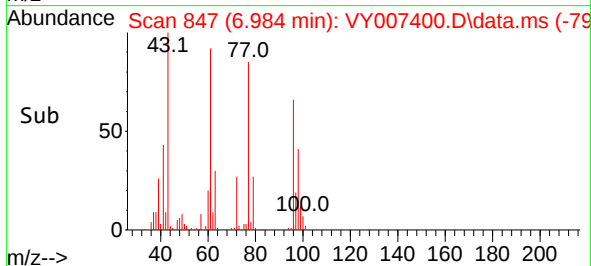
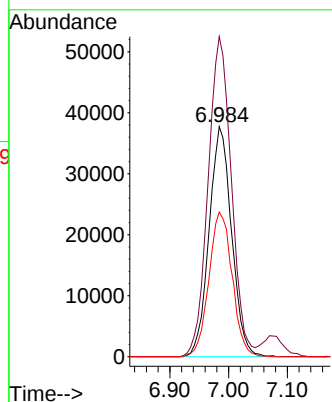
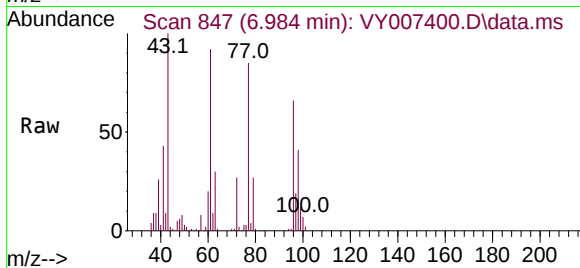
Tgt Ion: 96 Resp: 100594

Ion Ratio Lower Upper

96 100

61 143.5 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 51.153 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

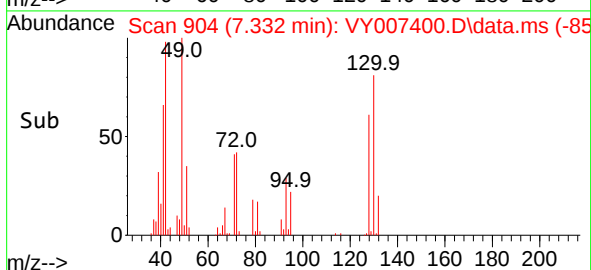
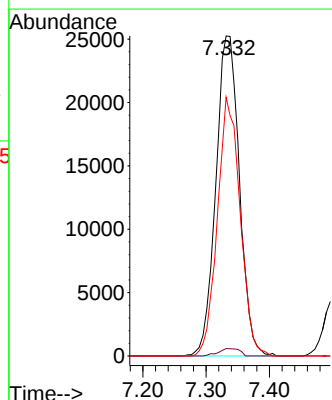
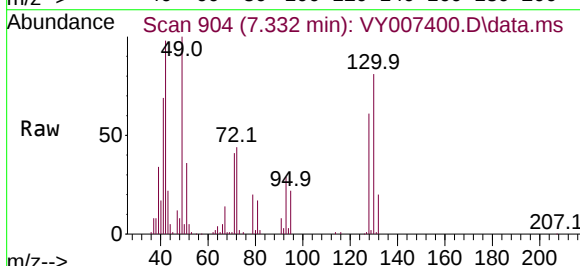
Tgt Ion: 49 Resp: 65252

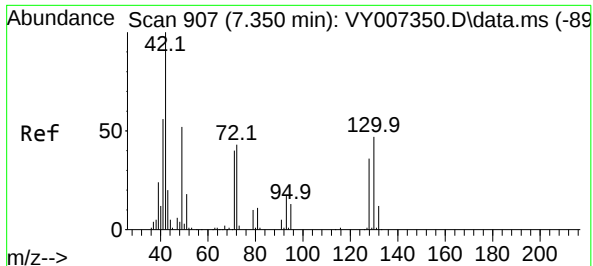
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 77.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 246.778 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

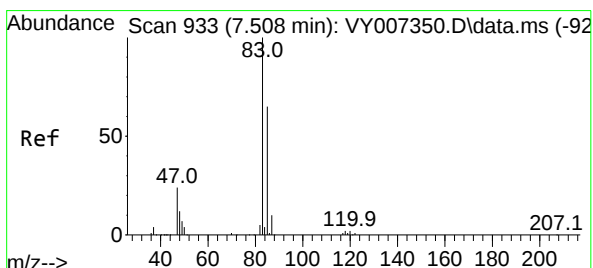
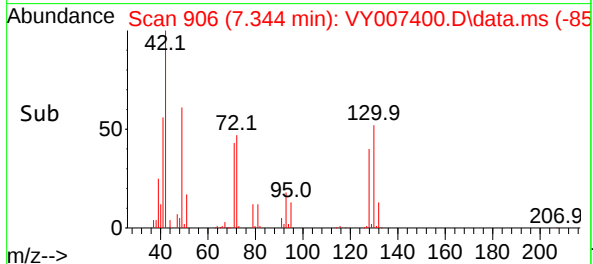
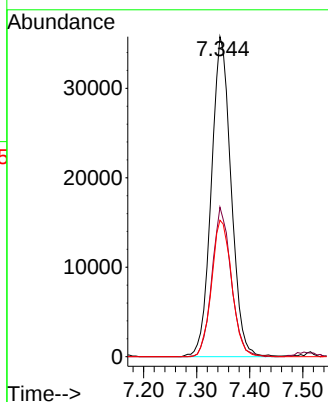
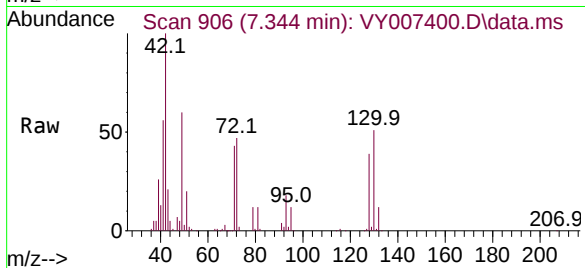
Tgt Ion: 42 Resp: 92815

Ion Ratio Lower Upper

42 100

72 45.1 30.3 45.5

71 43.4 29.0 43.4



#30

Chloroform

Concen: 49.722 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY007400.D

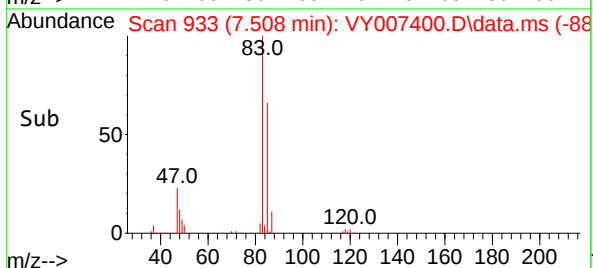
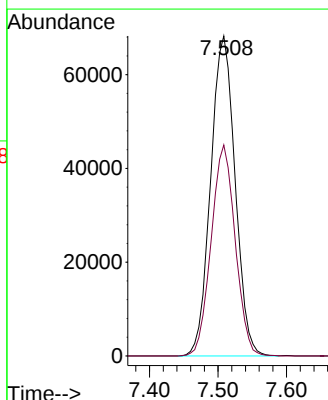
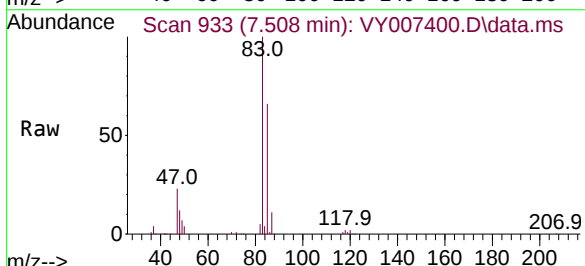
Acq: 04 Feb 2022 17:46

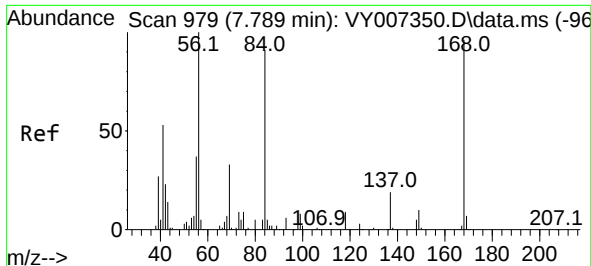
Tgt Ion: 83 Resp: 168744

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

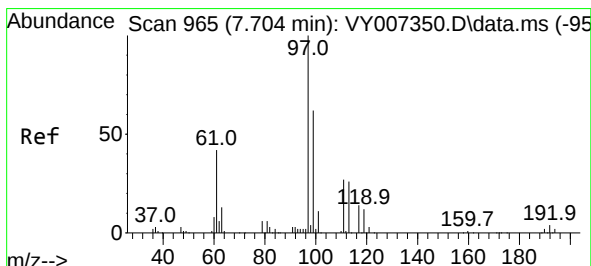
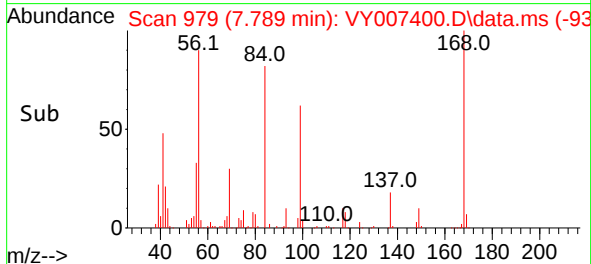
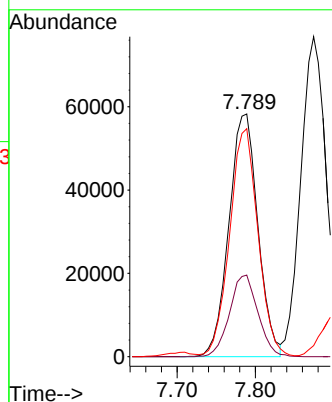
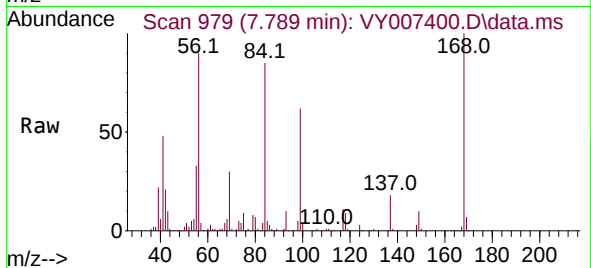




#31
Cyclohexane
Concen: 46.281 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

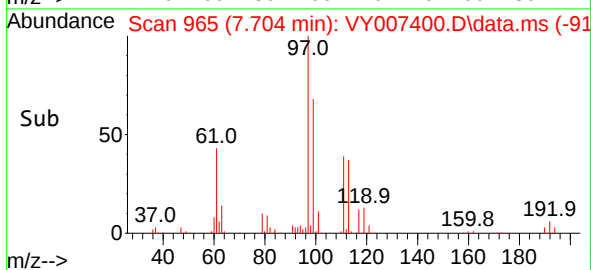
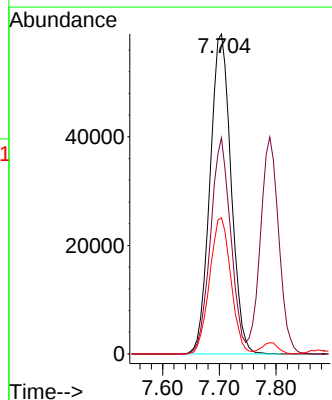
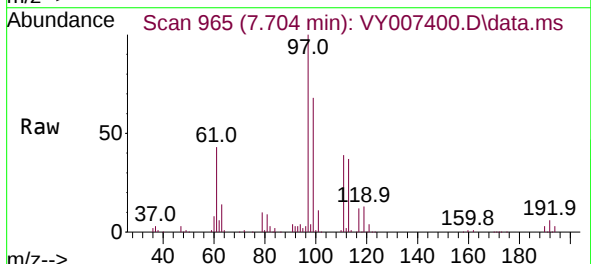
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

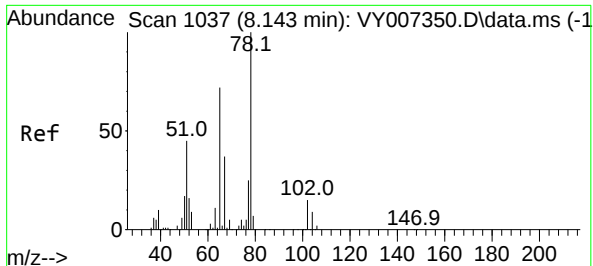
Tgt Ion: 56 Resp: 149795
Ion Ratio Lower Upper
56 100
69 33.6 26.7 40.1
84 92.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 48.159 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 97 Resp: 151902
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 43.1 37.6 56.4

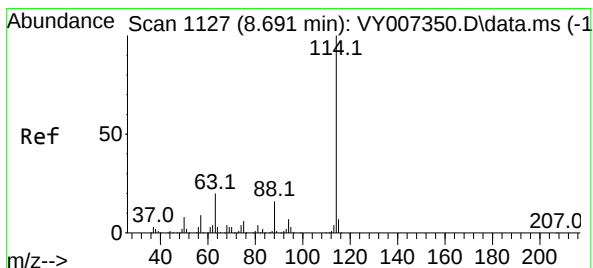
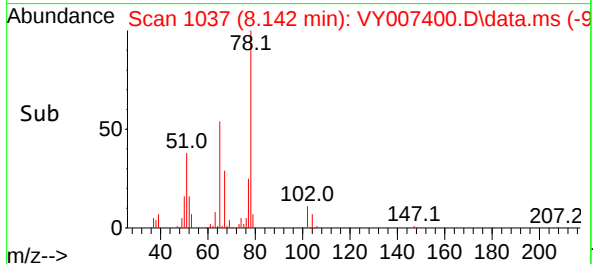
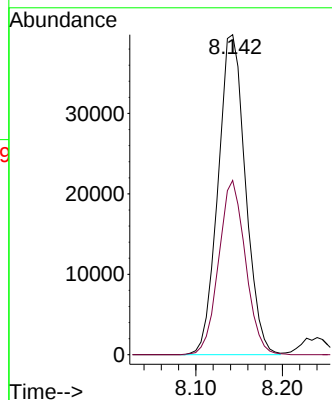
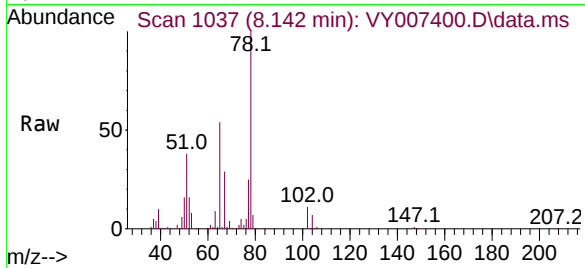




#33
 1,2-Dichloroethane-d4
 Concen: 52.696 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

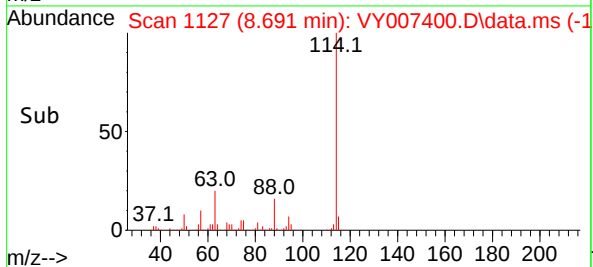
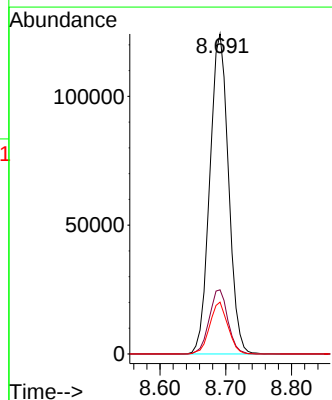
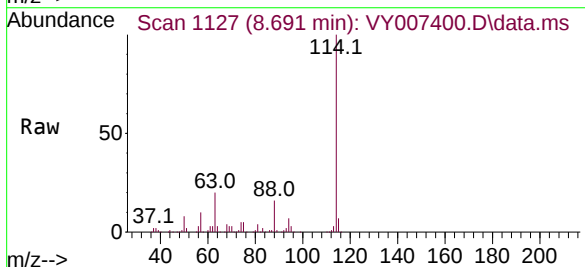
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

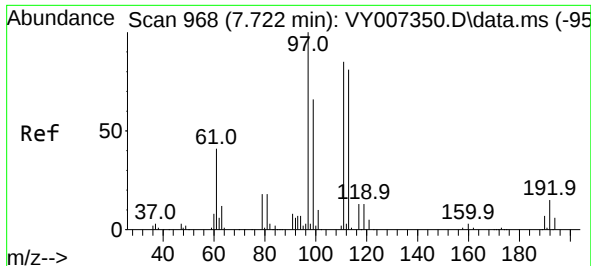
Tgt Ion: 65 Resp: 87408
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

Tgt Ion: 114 Resp: 245395
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.2
 88 16.2 0.0 31.8

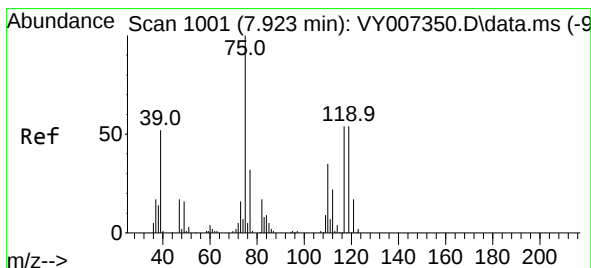
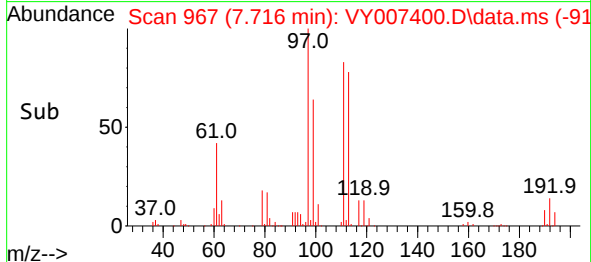
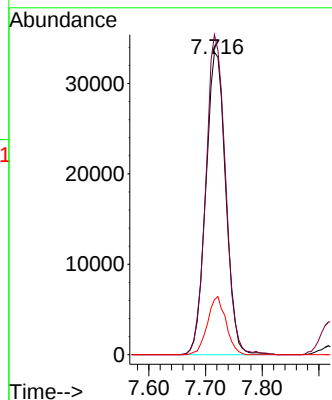
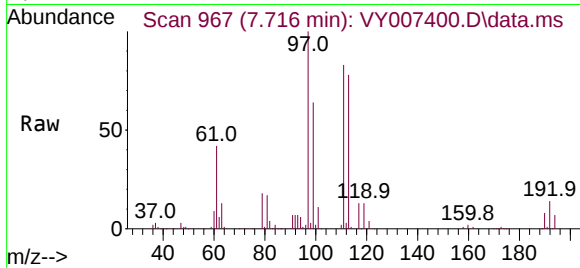




#35
Dibromofluoromethane
Concen: 51.860 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

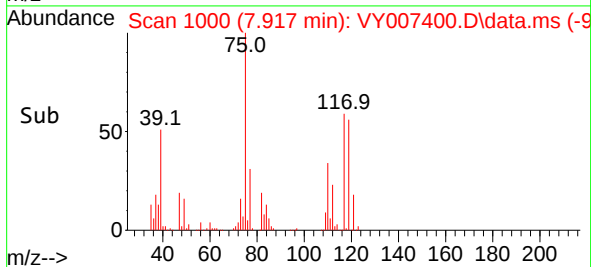
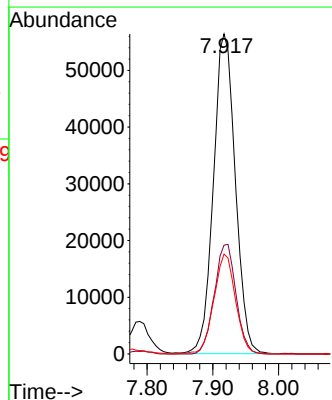
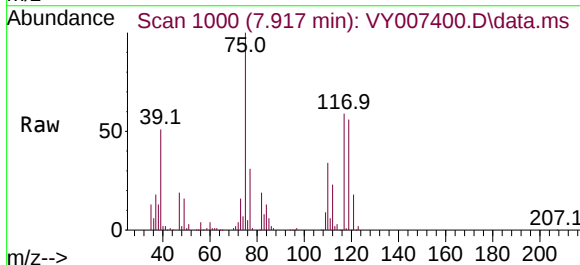
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

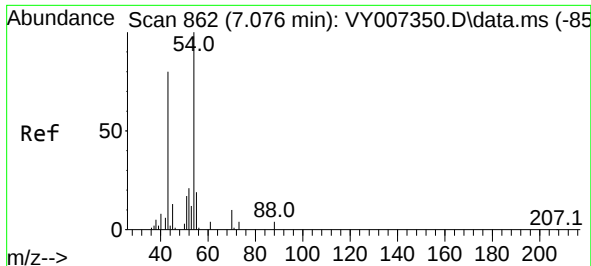
Tgt Ion:113 Resp: 81719
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 47.436 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 75 Resp: 130678
Ion Ratio Lower Upper
75 100
110 33.9 17.1 51.2
77 31.0 24.4 36.6

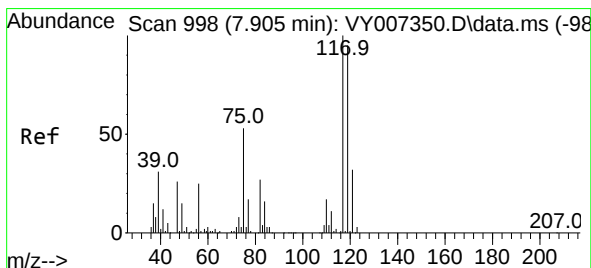
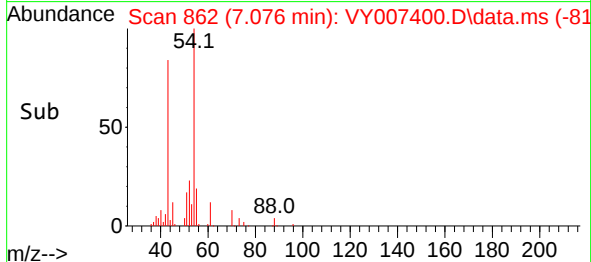
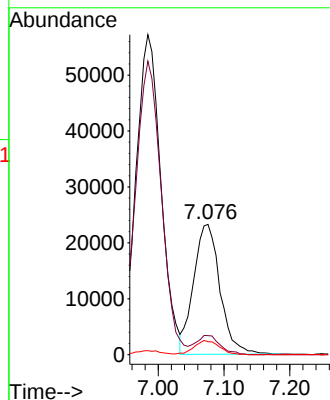
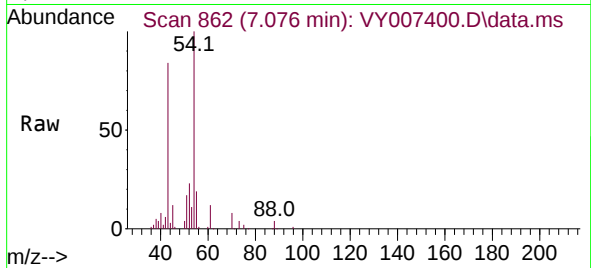




#37
Ethyl Acetate
Concen: 47.319 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

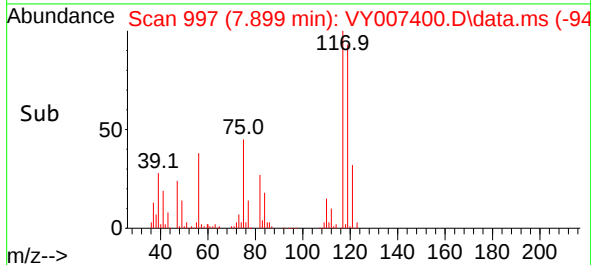
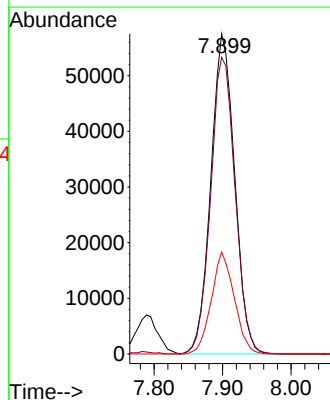
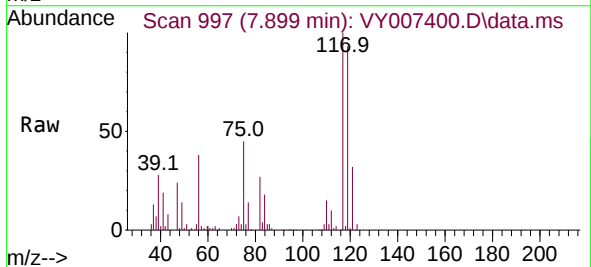
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

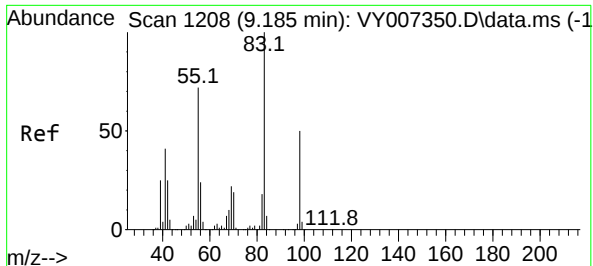
Tgt Ion: 43 Resp: 64807
Ion Ratio Lower Upper
43 100
61 13.6 9.7 14.5
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 47.951 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 117 Resp: 138782
Ion Ratio Lower Upper
117 100
119 92.7 77.9 116.9
121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 46.567 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

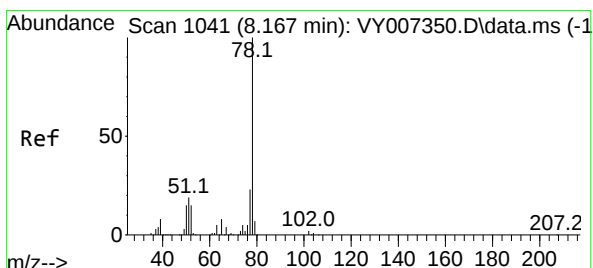
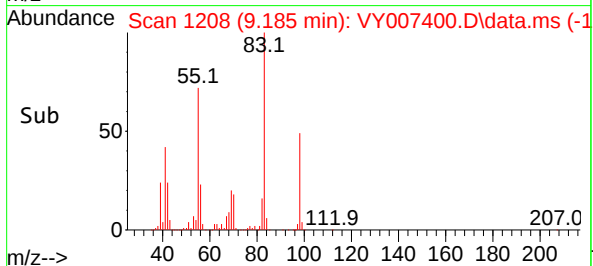
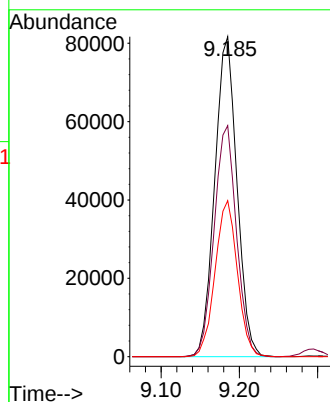
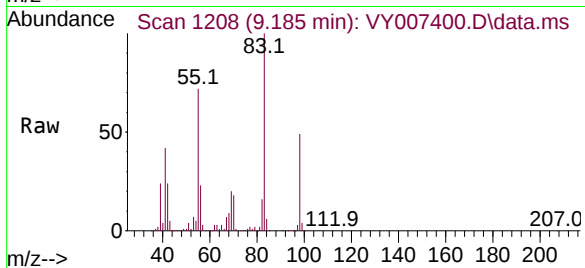
Tgt Ion: 83 Resp: 161104

Ion Ratio Lower Upper

83 100

55 72.2 66.5 99.7

98 48.8 37.9 56.9



#40

Benzene

Concen: 48.195 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY007400.D

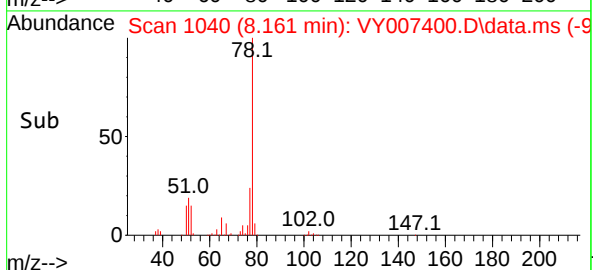
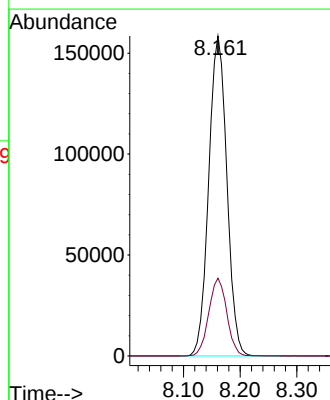
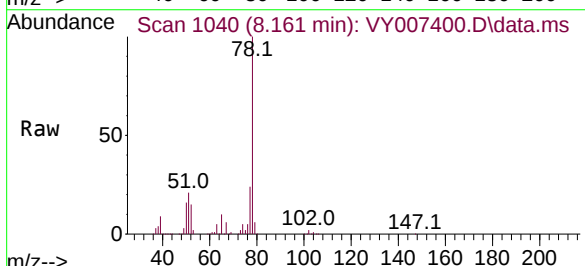
Acq: 04 Feb 2022 17:46

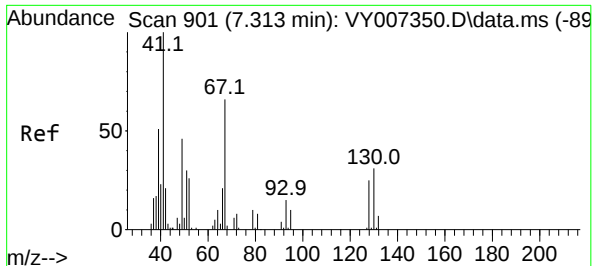
Tgt Ion: 78 Resp: 351928

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

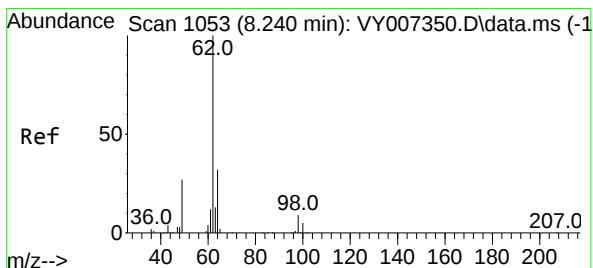
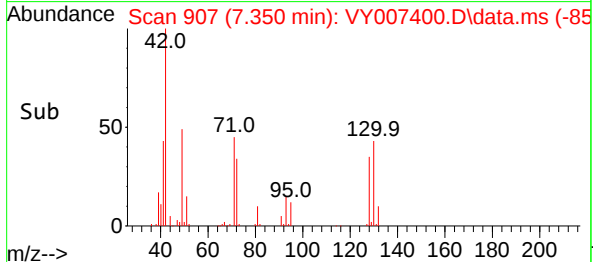
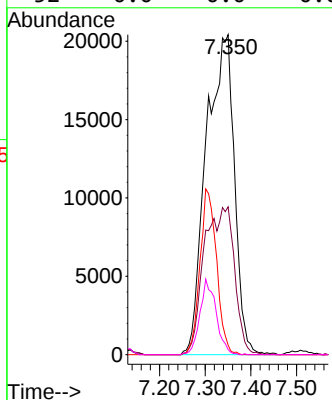
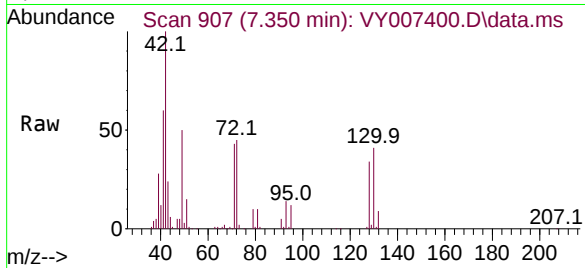




#41
Methacrylonitrile
Concen: 128.137 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

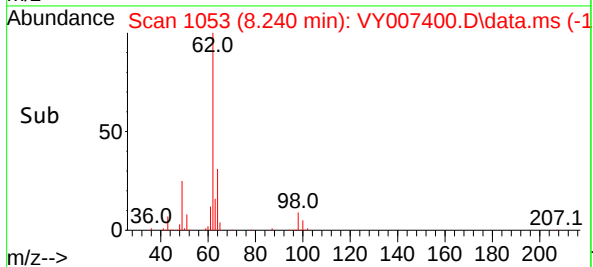
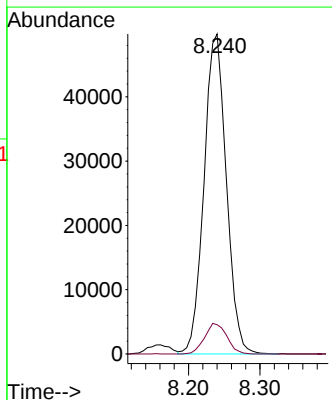
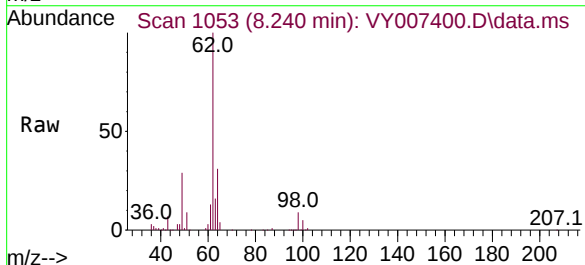
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

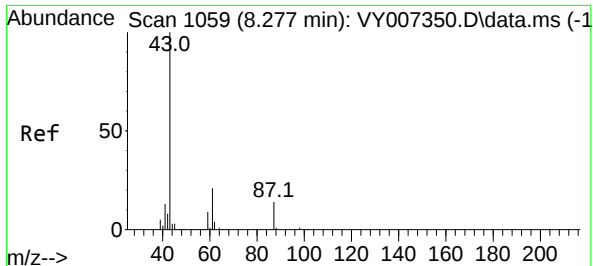
Tgt Ion: 41 Resp: 87208
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.635 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 62 Resp: 107957
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8

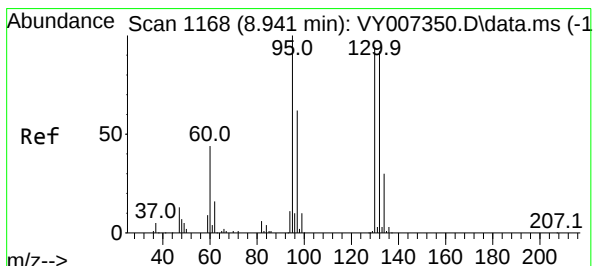
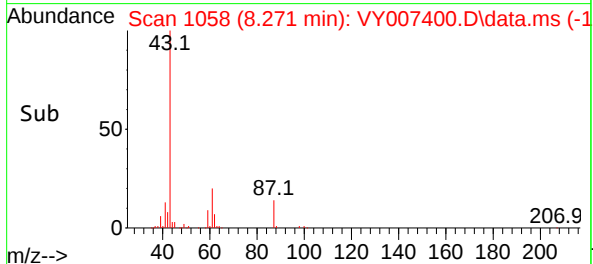
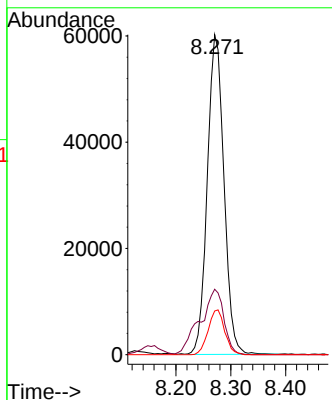
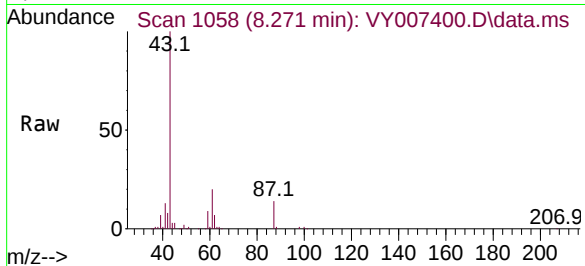




#43
Isopropyl Acetate
Concen: 49.391 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

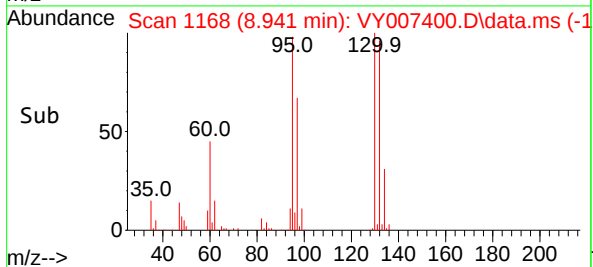
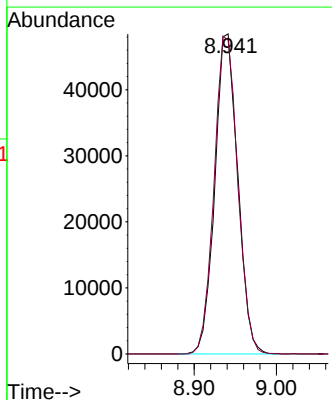
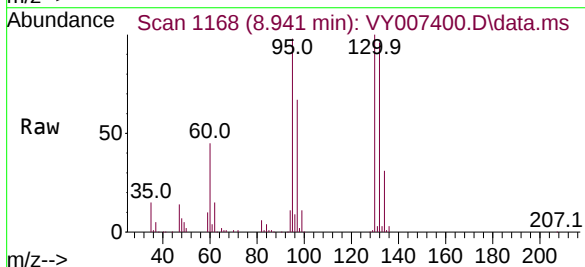
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

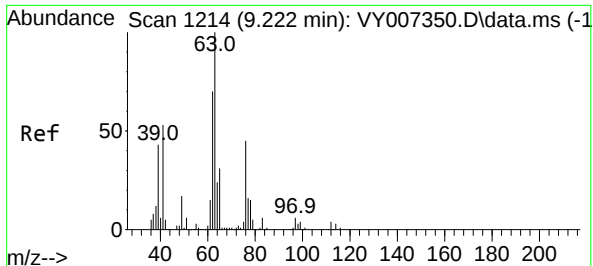
Tgt Ion: 43 Resp: 126504
Ion Ratio Lower Upper
43 100
61 29.5 20.2 30.2
87 13.9 8.9 13.3#



#44
Trichloroethene
Concen: 47.626 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion:130 Resp: 94031
Ion Ratio Lower Upper
130 100
95 98.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.465 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

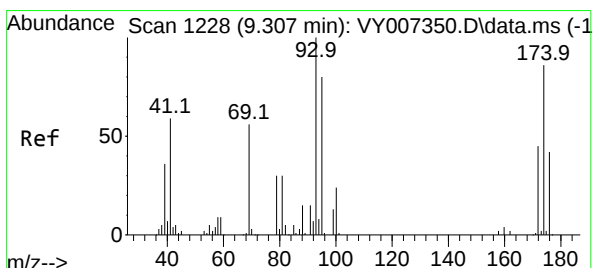
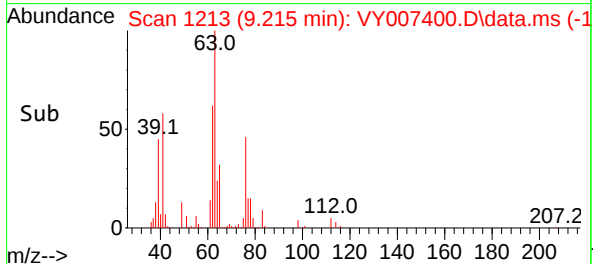
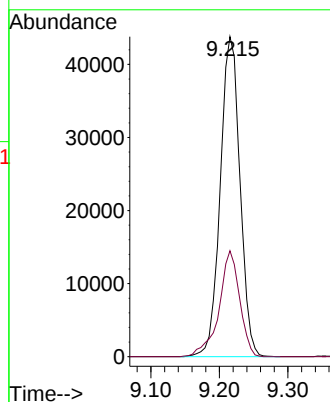
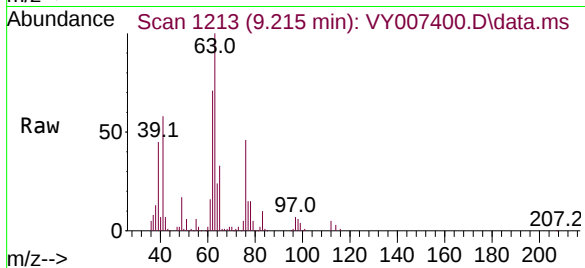
VSTDCCC050EC

Tgt Ion: 63 Resp: 87265

Ion Ratio Lower Upper

63 100

65 33.1 23.0 34.6



#46

Dibromomethane

Concen: 48.350 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

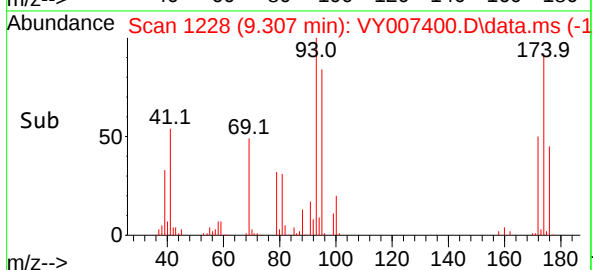
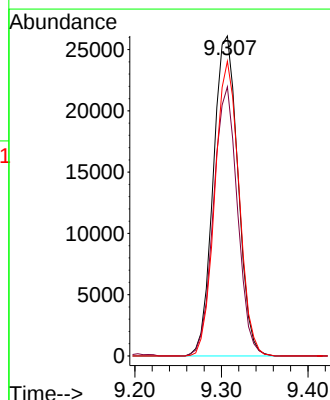
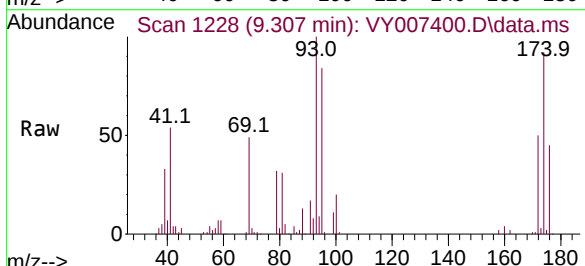
Tgt Ion: 93 Resp: 51795

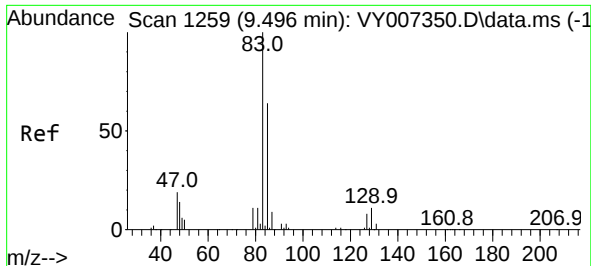
Ion Ratio Lower Upper

93 100

95 81.4 64.3 96.5

174 89.7 83.4 125.0

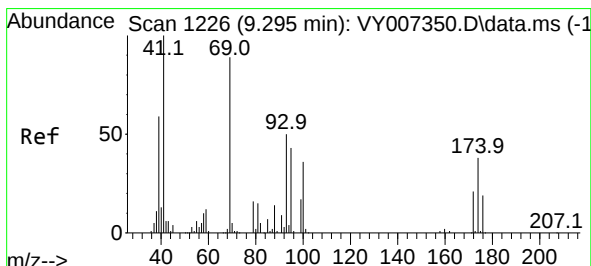
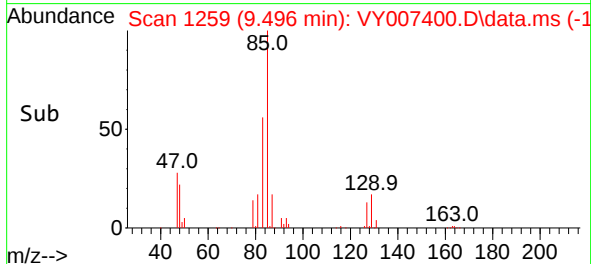
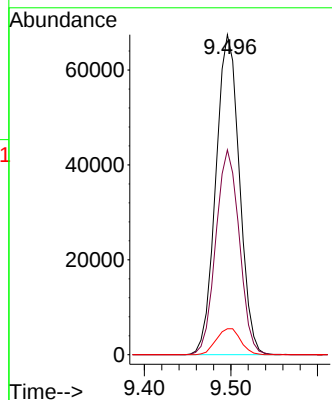
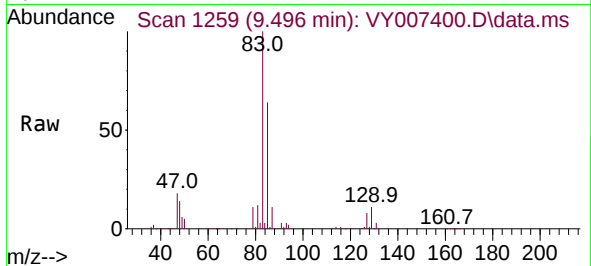




#47
Bromodichloromethane
Concen: 49.198 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

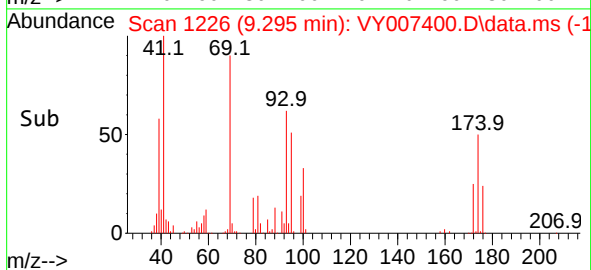
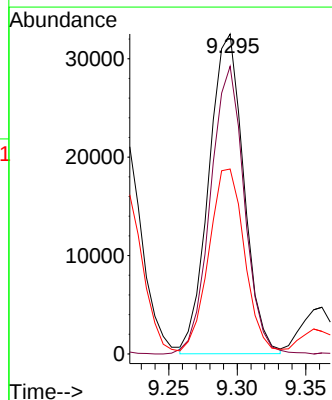
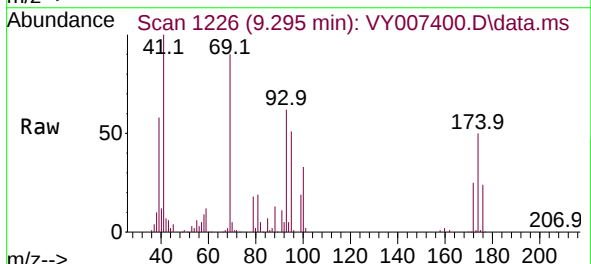
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

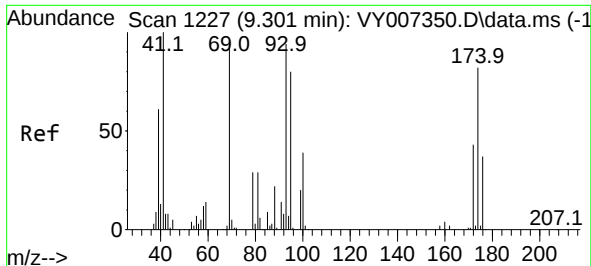
Tgt Ion: 83 Resp: 127445
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 49.634 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 41 Resp: 57492
Ion Ratio Lower Upper
41 100
69 87.2 58.2 87.2
39 57.8 47.4 71.0





#49

1,4-Dioxane

Concen: 947.220 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

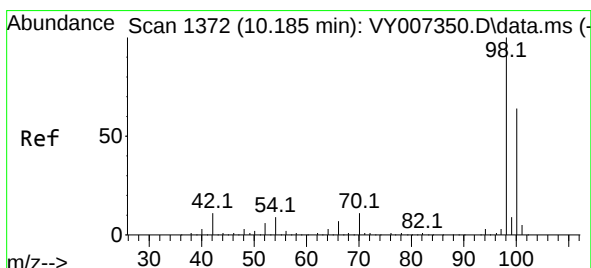
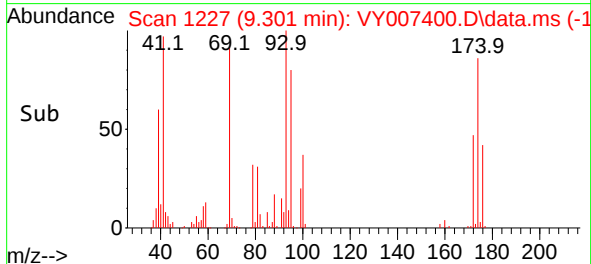
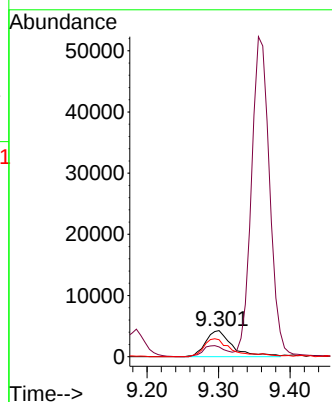
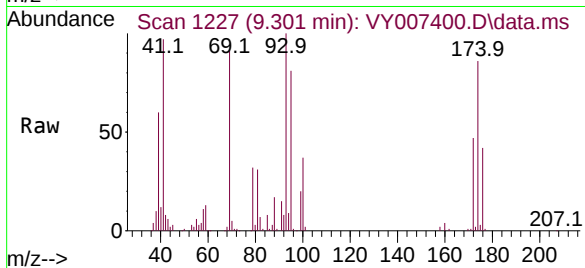
Tgt Ion: 88 Resp: 11115

Ion Ratio Lower Upper

88 100

43 35.5 32.8 49.2

58 73.3 59.8 89.6



#50

Toluene-d8

Concen: 53.222 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007400.D

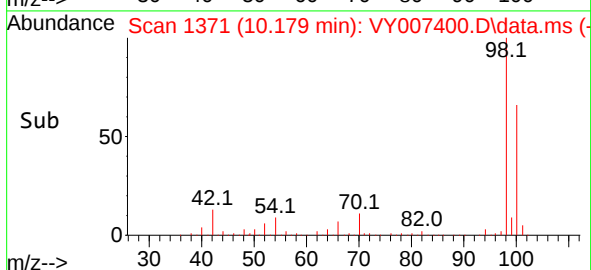
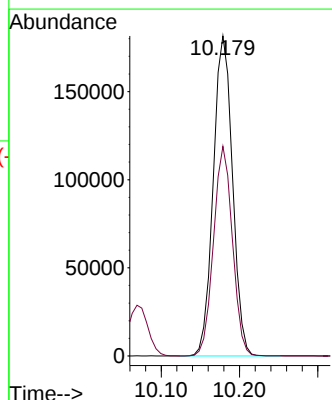
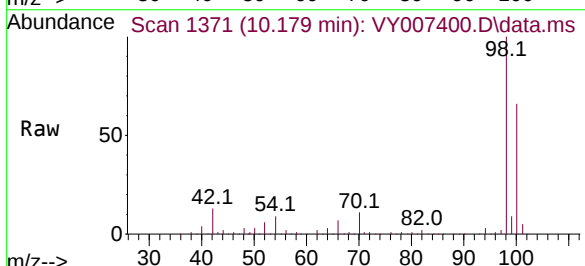
Acq: 04 Feb 2022 17:46

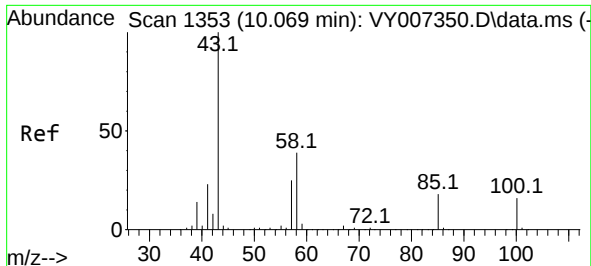
Tgt Ion: 98 Resp: 309845

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2

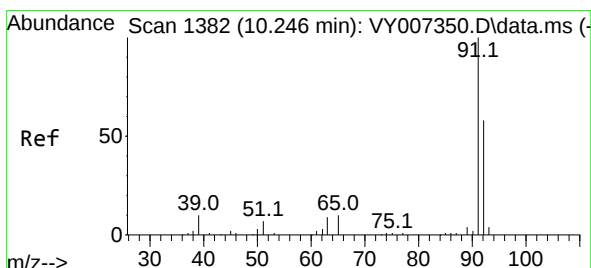
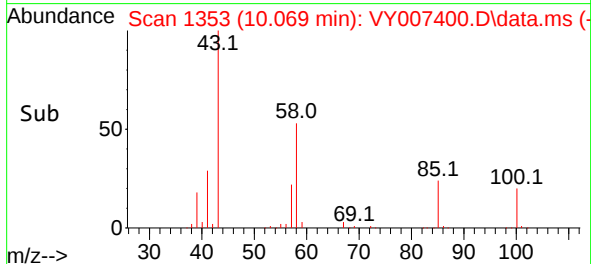
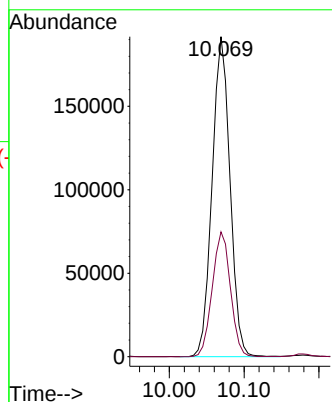
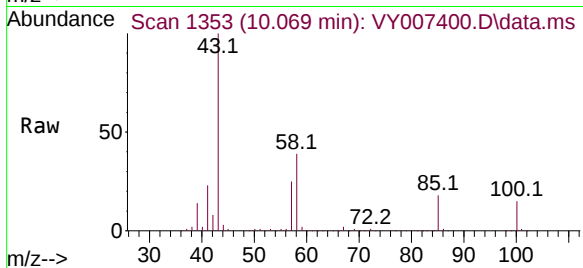




#51
4-Methyl-2-Pentanone
Concen: 246.113 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

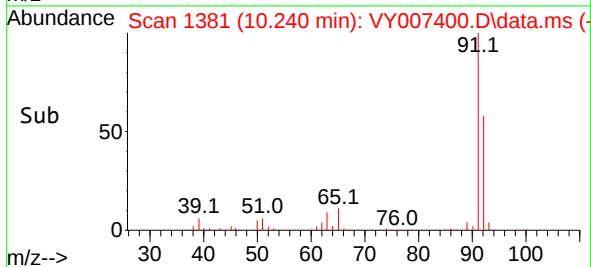
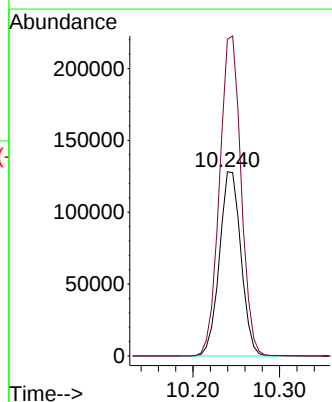
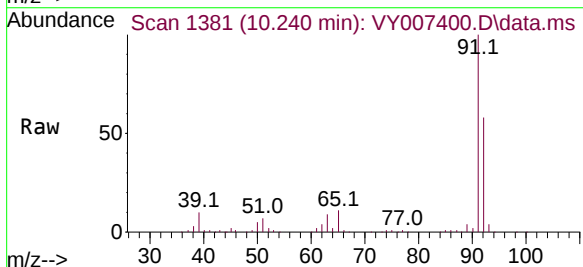
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

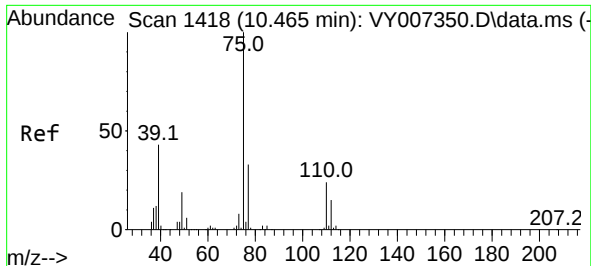
Tgt Ion: 43 Resp: 319701
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1



#52
Toluene
Concen: 47.976 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 92 Resp: 220729
Ion Ratio Lower Upper
92 100
91 174.3 142.6 213.8

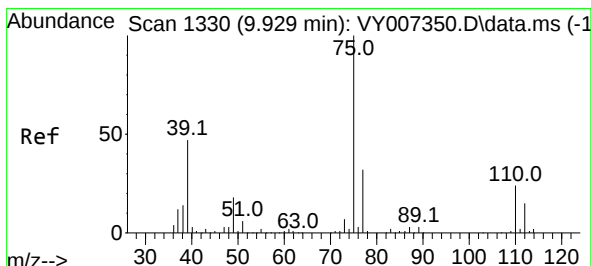
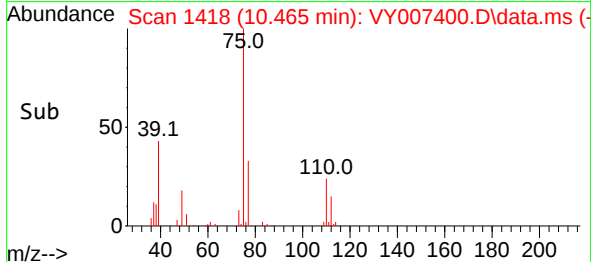
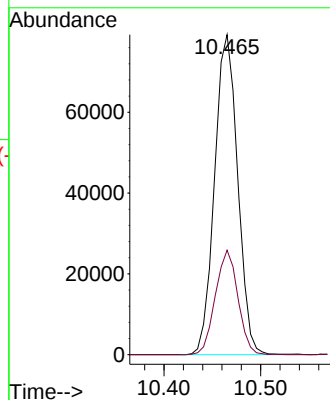
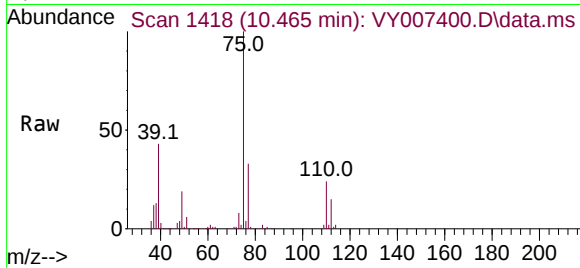




#53
t-1,3-Dichloropropene
Concen: 48.505 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

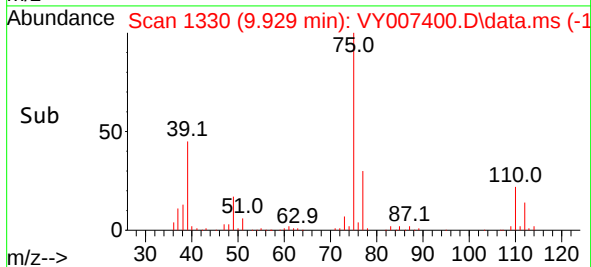
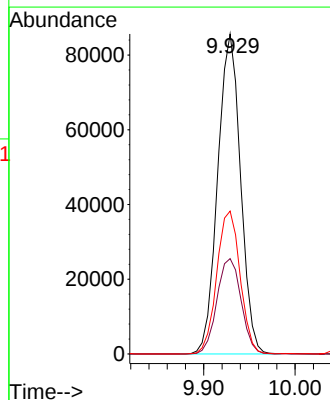
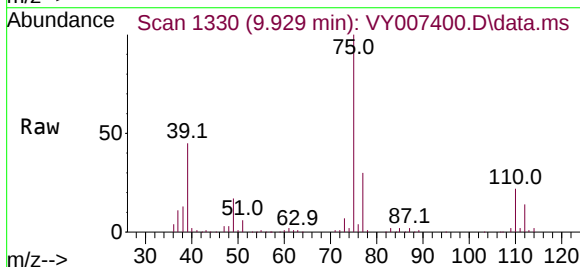
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

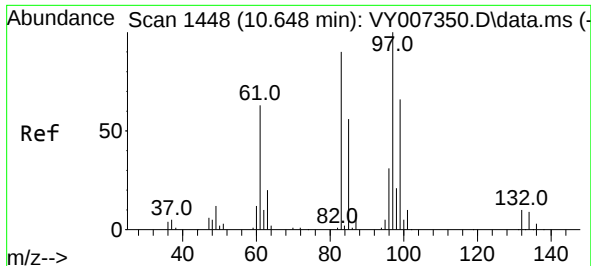
Tgt Ion: 75 Resp: 131267
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.035 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 75 Resp: 148635
Ion Ratio Lower Upper
75 100
77 29.8 25.6 38.4
39 44.7 47.6 71.4#



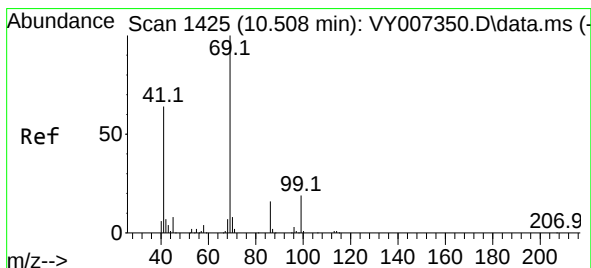
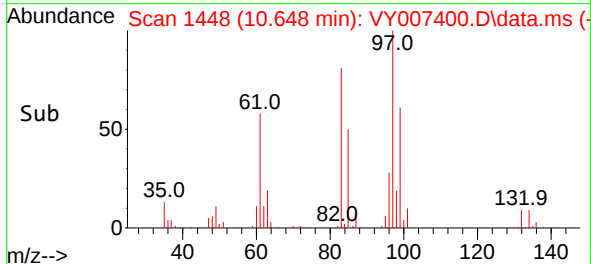
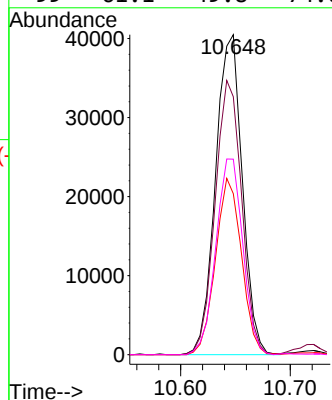
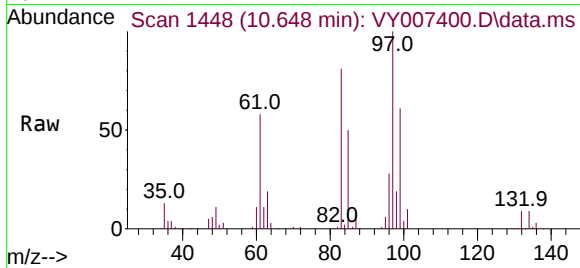


#55
1,1,2-Trichloroethane
Concen: 48.847 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 68724

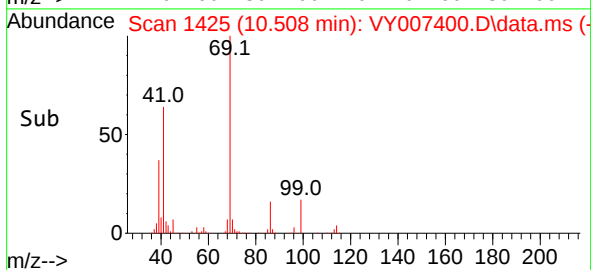
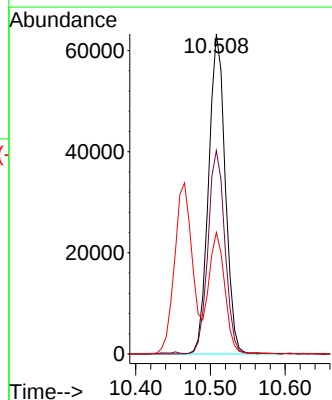
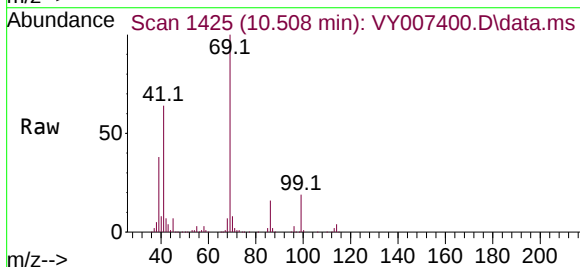
Ion	Ratio	Lower	Upper
97	100		
83	80.6	69.8	104.8
85	50.3	44.3	66.5
99	61.1	49.8	74.6

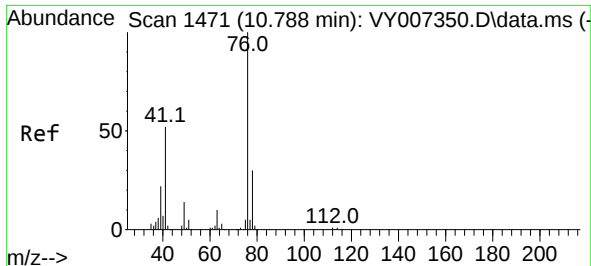


#56
Ethyl methacrylate
Concen: 50.162 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 69 Resp: 98025

Ion	Ratio	Lower	Upper
69	100		
41	63.8	63.4	95.0
39	35.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.701 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

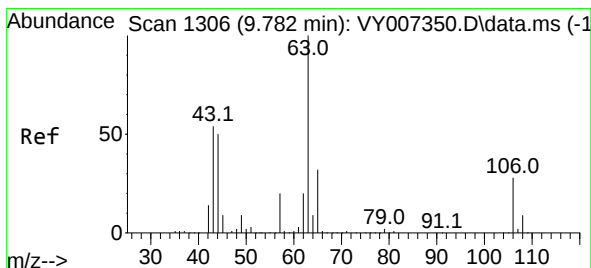
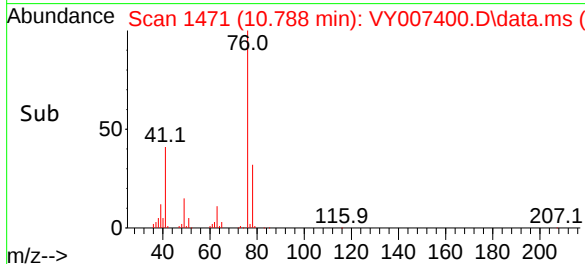
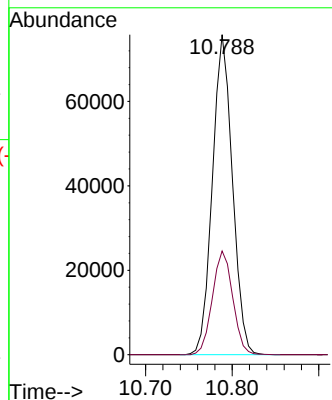
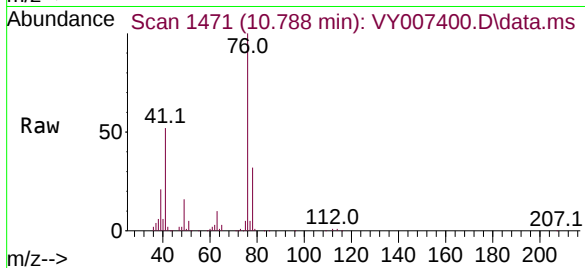
VSTDCCC050EC

Tgt Ion: 76 Resp: 121486

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 247.240 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007400.D

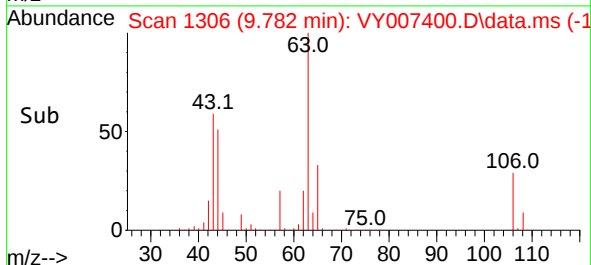
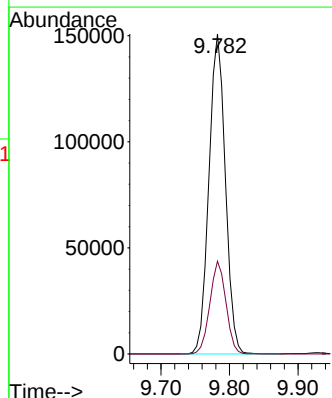
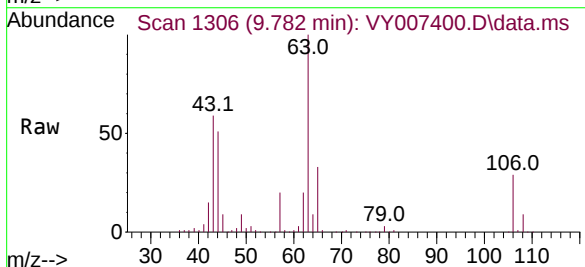
Acq: 04 Feb 2022 17:46

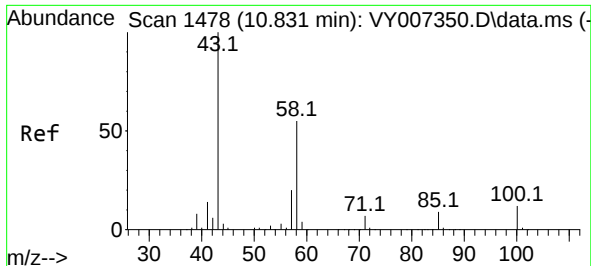
Tgt Ion: 63 Resp: 251323

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3





#59

2-Hexanone

Concen: 232.918 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

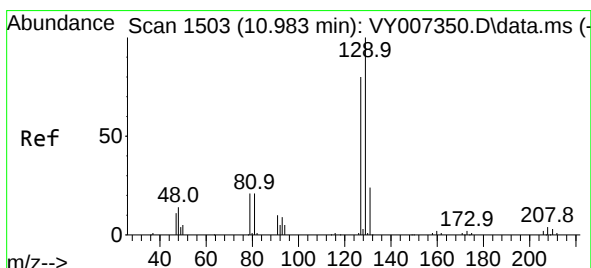
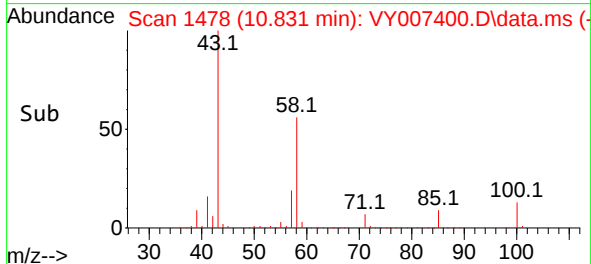
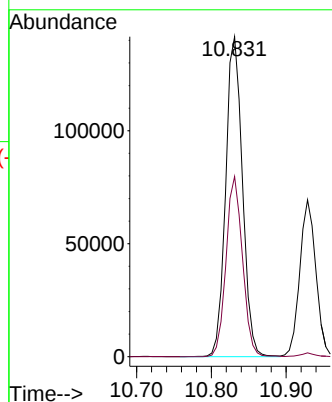
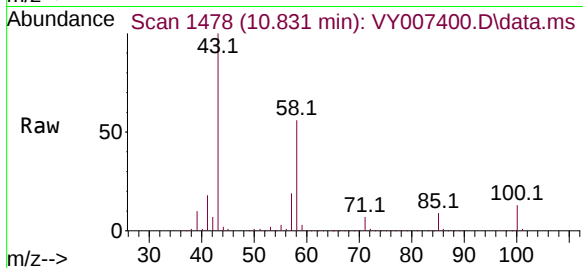
VSTDCCC050EC

Tgt Ion: 43 Resp: 220580

Ion Ratio Lower Upper

43 100

58 55.3 24.4 73.4



#60

Dibromochloromethane

Concen: 48.238 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY007400.D

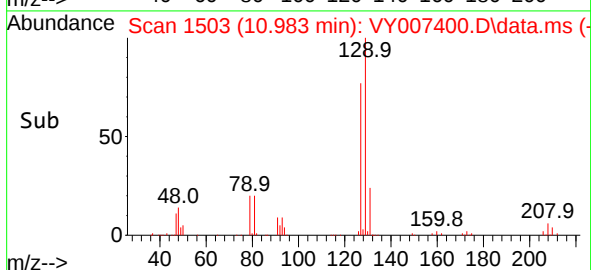
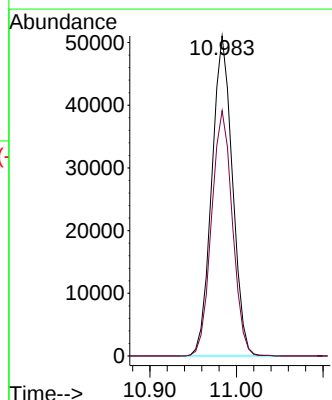
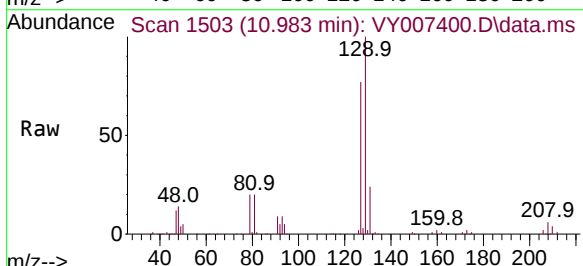
Acq: 04 Feb 2022 17:46

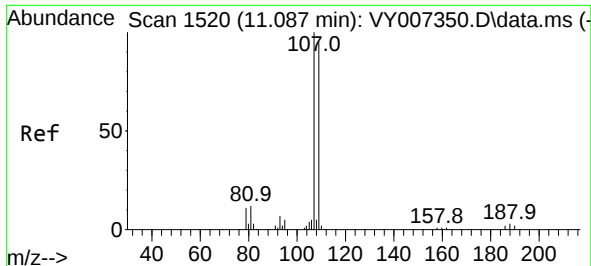
Tgt Ion: 129 Resp: 84492

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

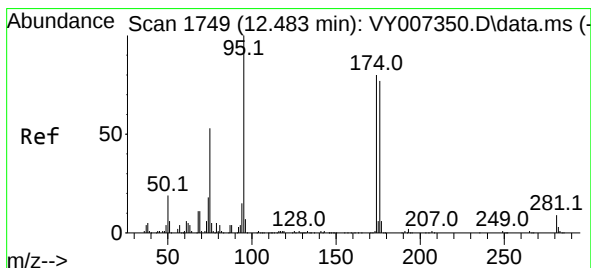
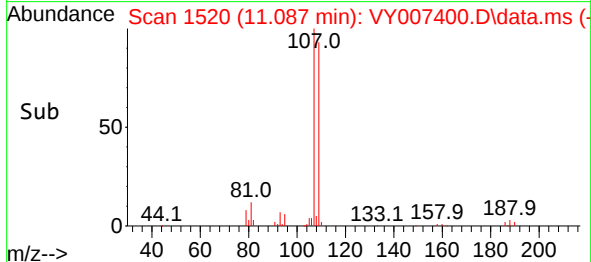
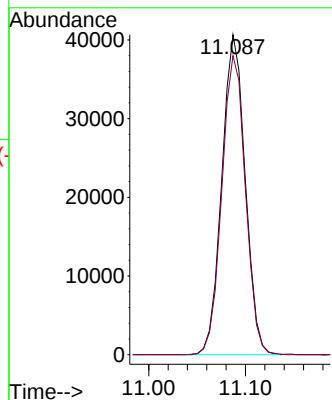
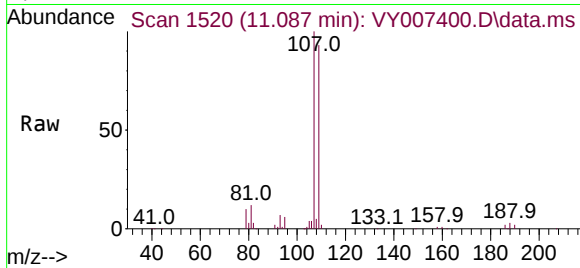




#61
1,2-Dibromoethane
Concen: 48.894 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

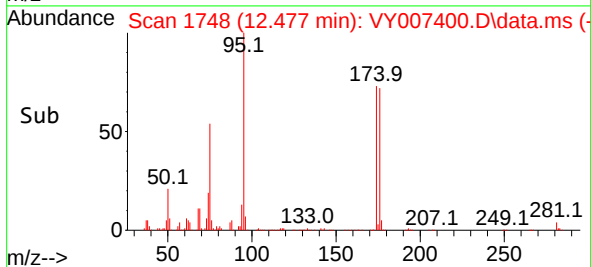
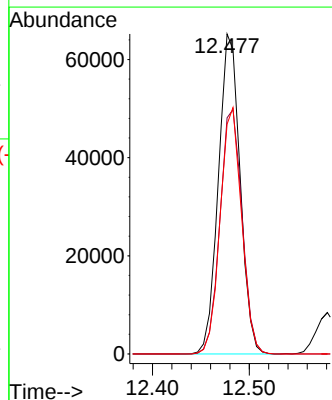
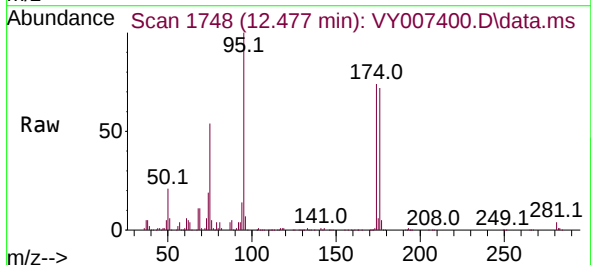
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

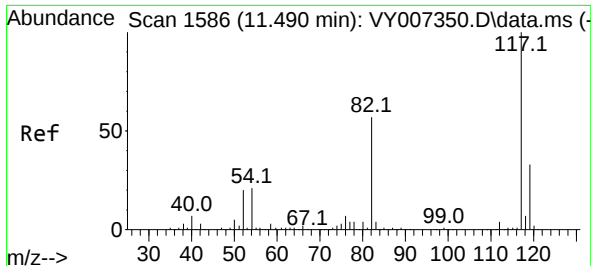
Tgt Ion:107 Resp: 68057
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 95 Resp: 101218
Ion Ratio Lower Upper
95 100
174 78.1 0.0 177.0
176 76.3 0.0 175.8

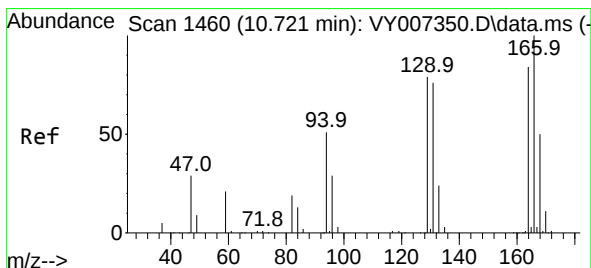
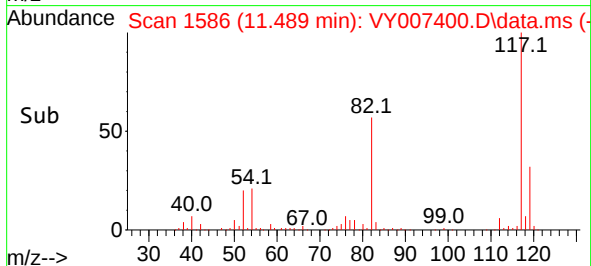
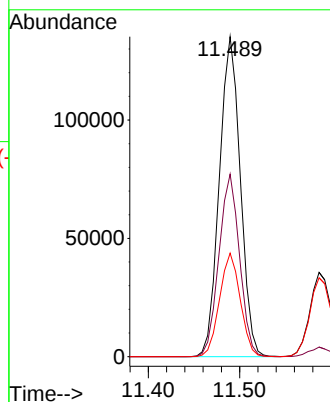
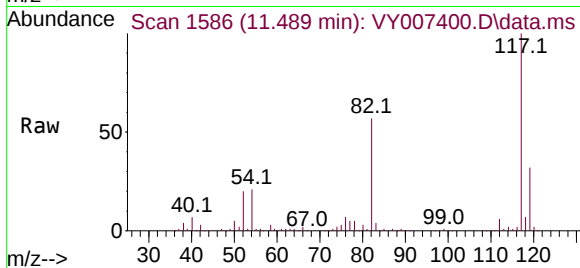




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

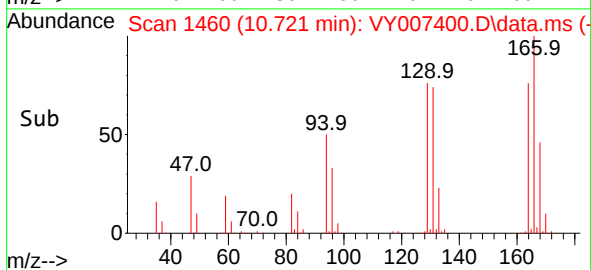
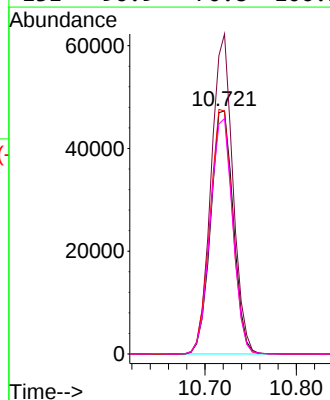
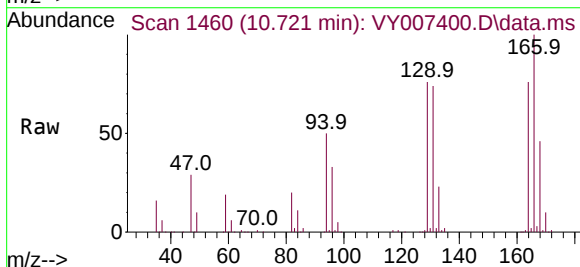
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

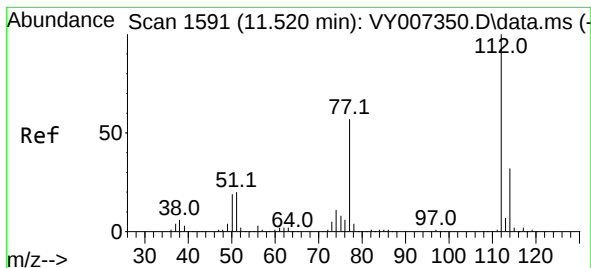
Tgt Ion:117 Resp: 216017
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 47.869 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion:164 Resp: 81151
Ion Ratio Lower Upper
164 100
166 131.7 100.4 150.6
129 100.0 71.4 107.0
131 96.9 70.8 106.2





#65

Chlorobenzene

Concen: 48.012 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

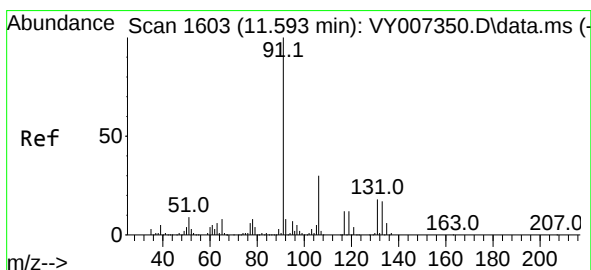
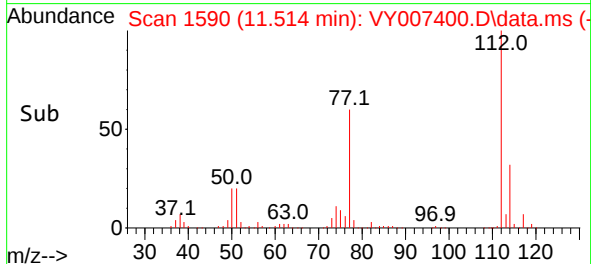
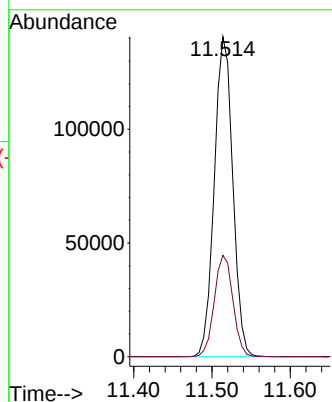
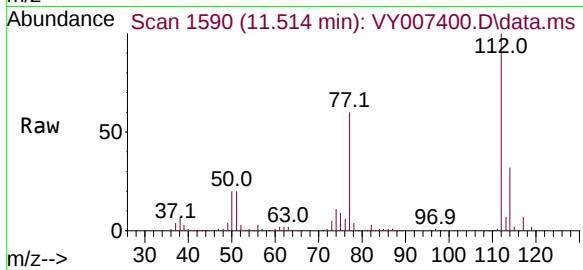
VSTDCCC050EC

Tgt Ion:112 Resp: 230719

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.214 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

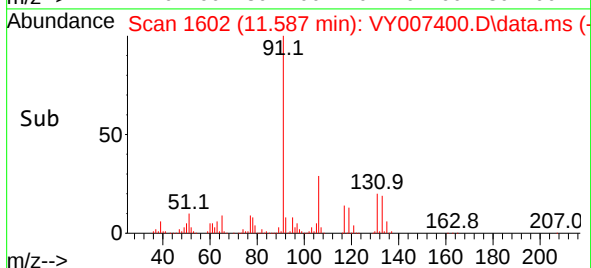
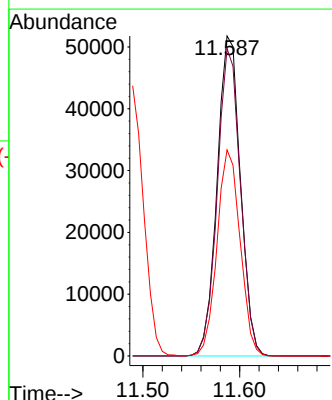
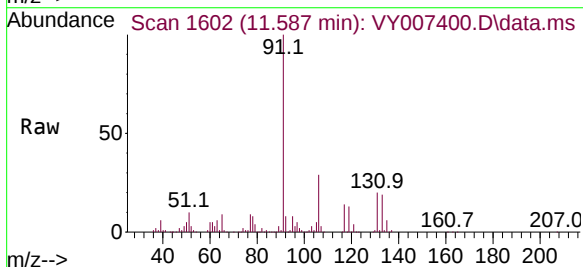
Tgt Ion:131 Resp: 86491

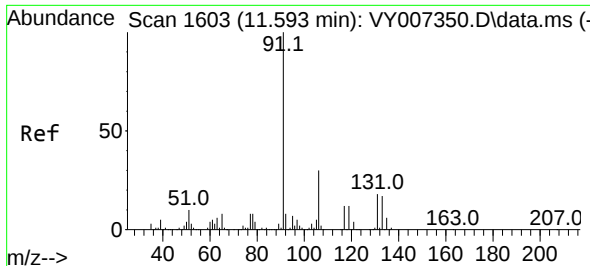
Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

119 63.8 30.8 92.3

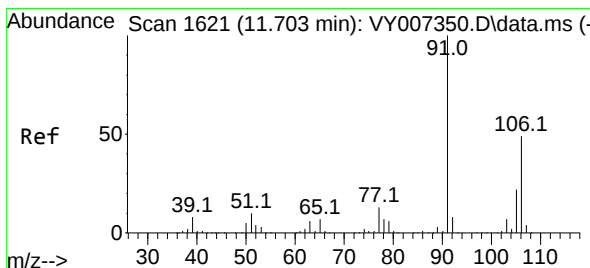
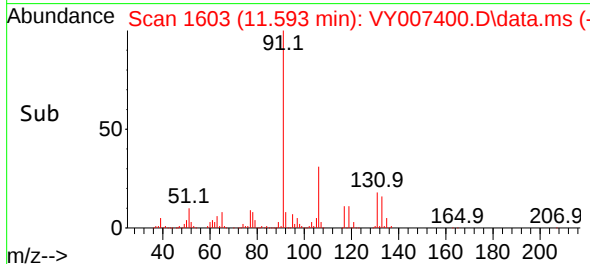
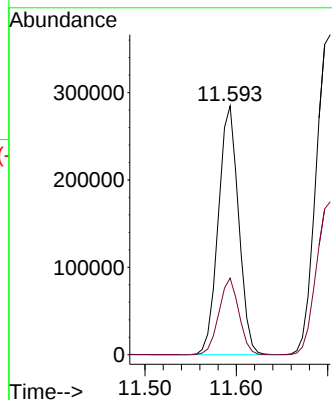
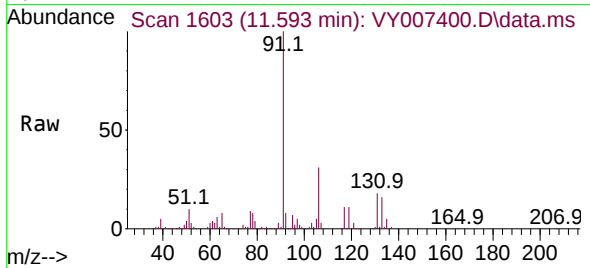




#67
Ethyl Benzene
Concen: 48.176 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

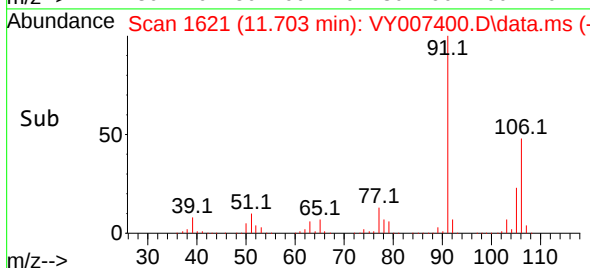
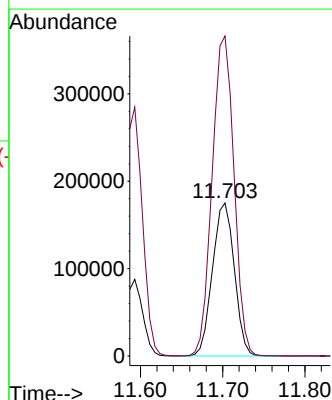
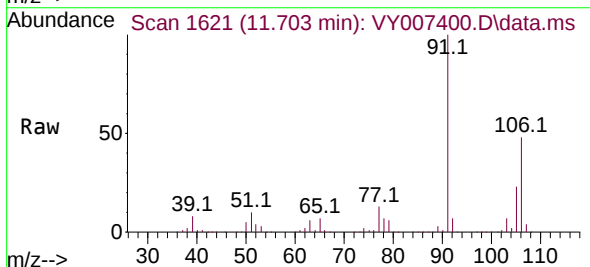
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

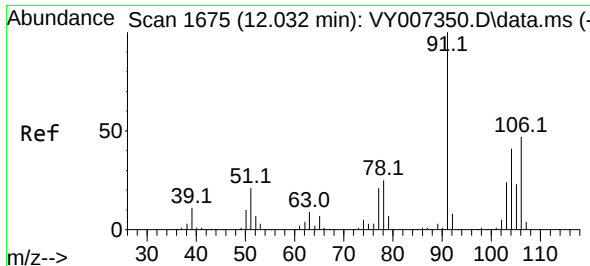
Tgt Ion: 91 Resp: 439311
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 95.645 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 106 Resp: 323030
Ion Ratio Lower Upper
106 100
91 209.4 166.6 249.8

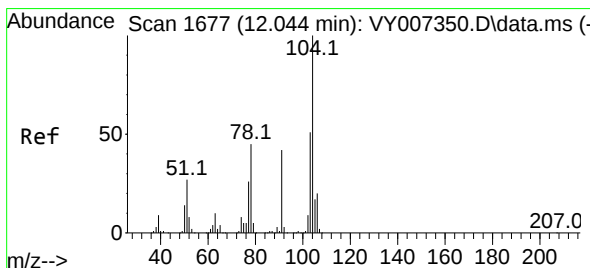
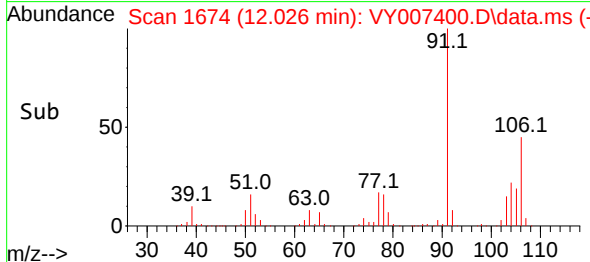
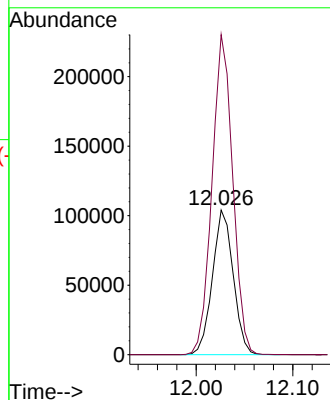
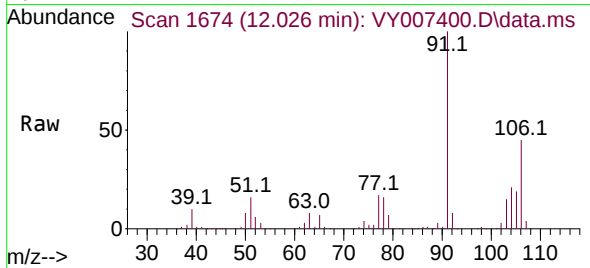




#69
o-Xylene
Concen: 48.625 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

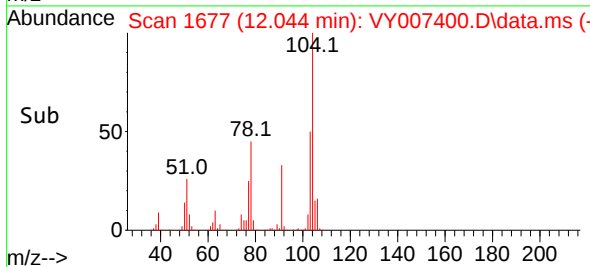
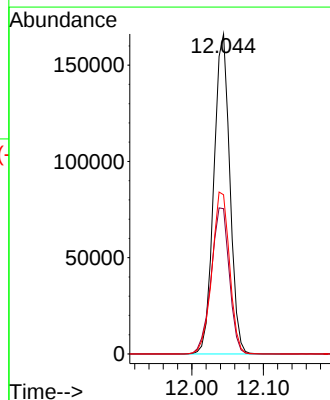
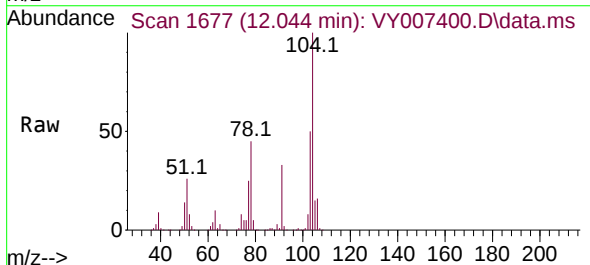
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

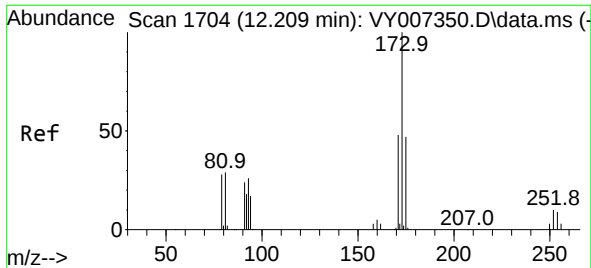
Tgt Ion:106 Resp: 155268
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0



#70
Styrene
Concen: 48.974 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion:104 Resp: 257793
Ion Ratio Lower Upper
104 100
78 51.8 42.4 63.6
103 55.7 44.4 66.6

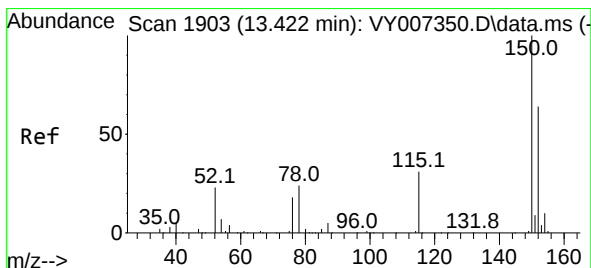
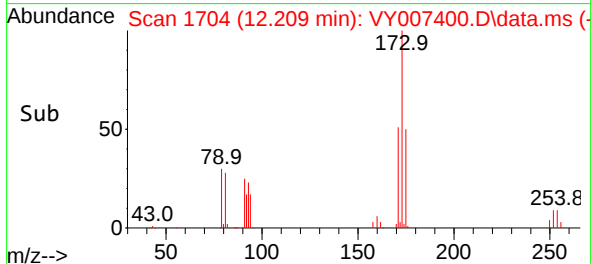
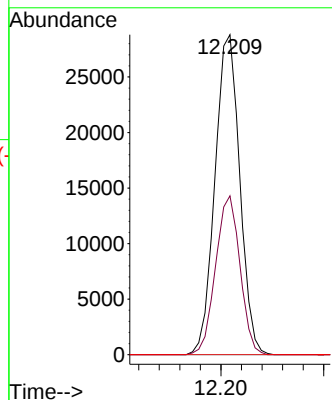
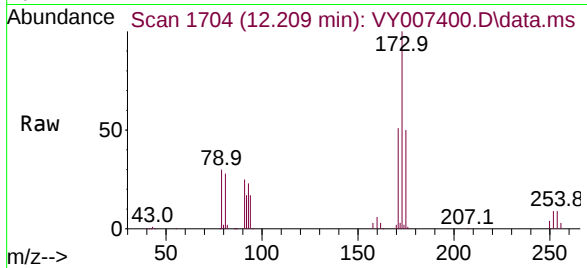




#71
Bromoform
Concen: 48.715 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

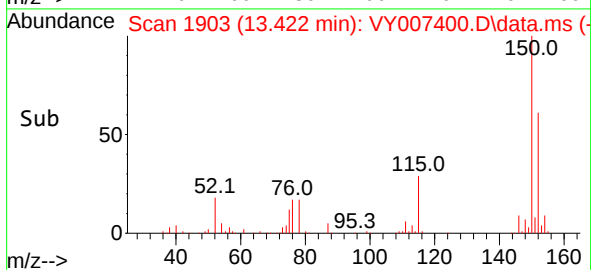
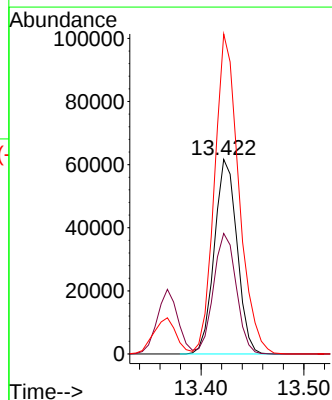
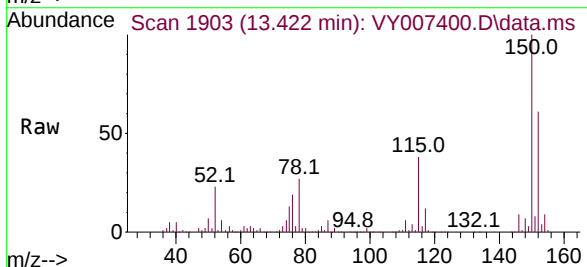
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

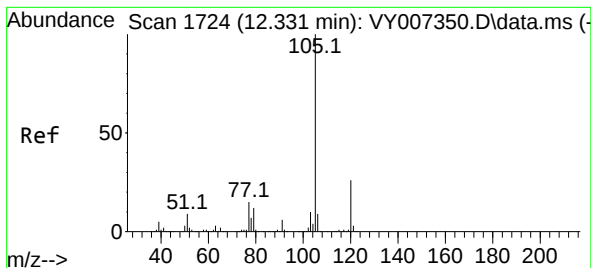
Tgt Ion:173 Resp: 48216
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion:152 Resp: 94218
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 176.4 0.0 347.6





#73

Isopropylbenzene

Concen: 48.417 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

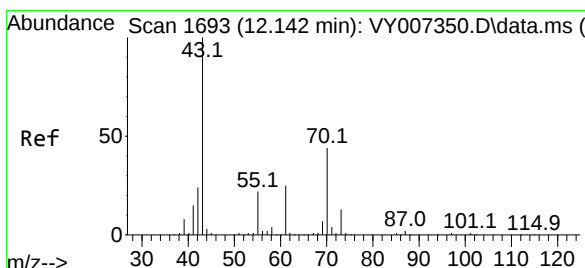
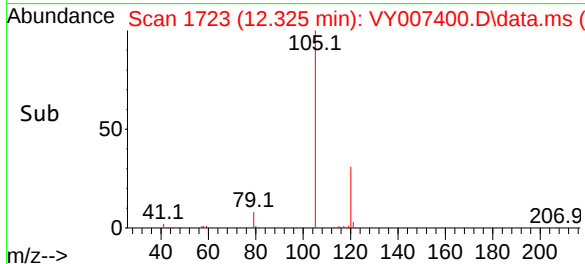
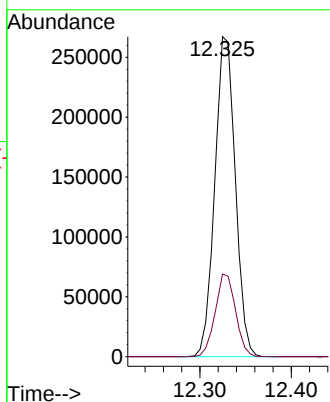
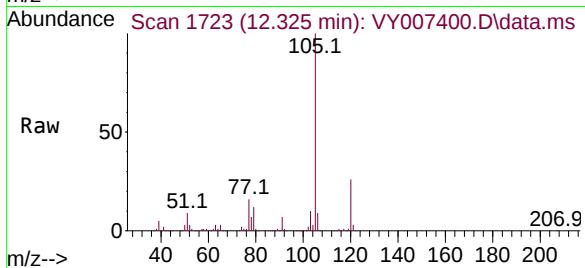
VSTDCCC050EC

Tgt Ion:105 Resp: 416907

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.2



#74

N-ethyl acetate

Concen: 50.604 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Tgt Ion: 43 Resp: 107858

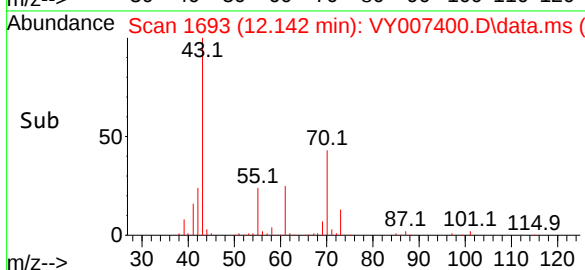
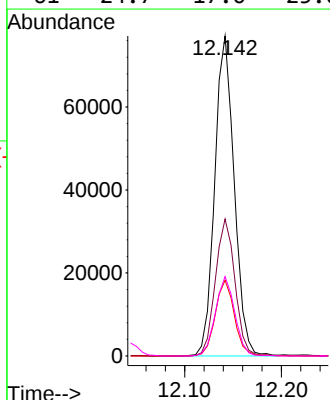
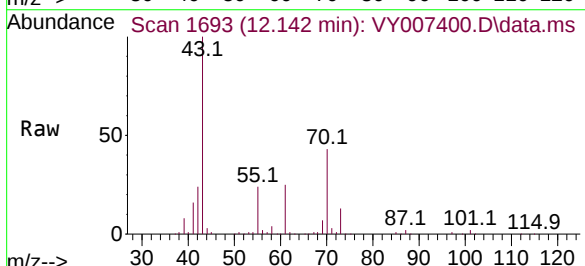
Ion Ratio Lower Upper

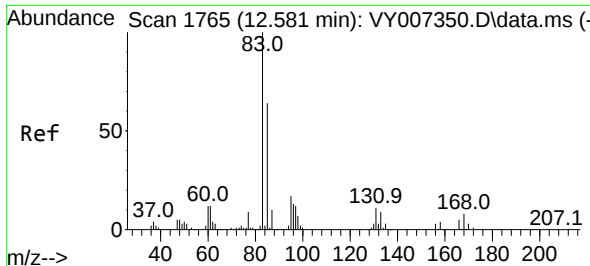
43 100

70 43.0 28.7 43.1

55 23.4 17.3 25.9

61 24.7 17.0 25.6

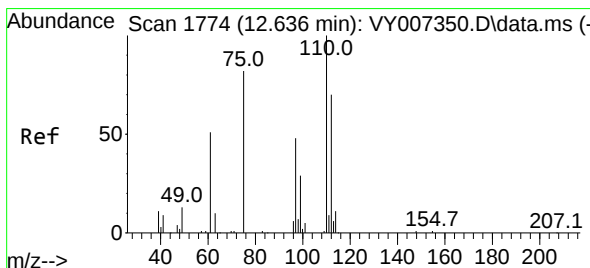
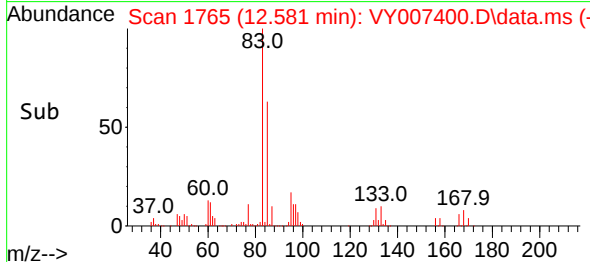
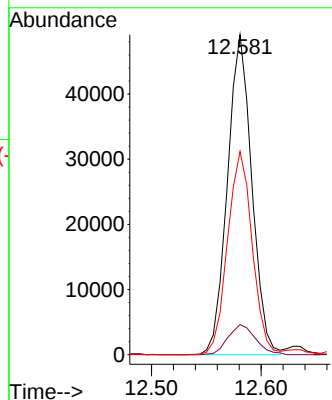
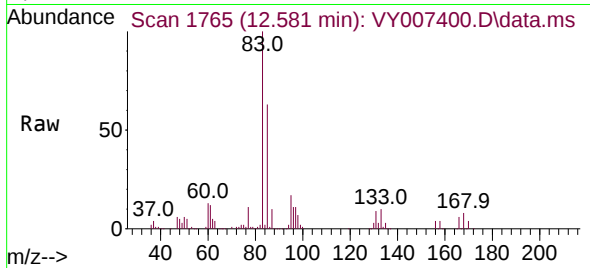




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.239 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

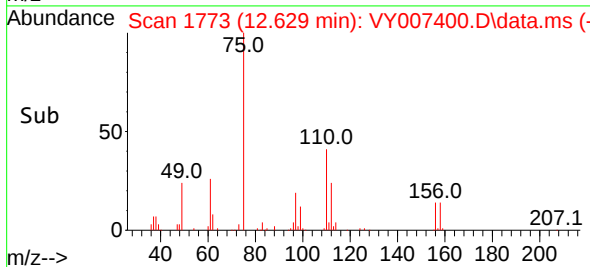
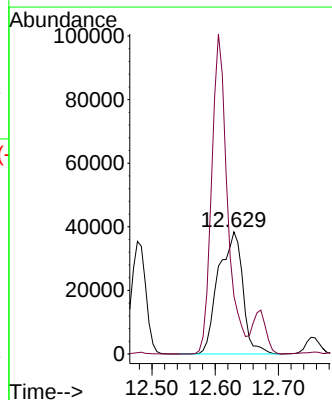
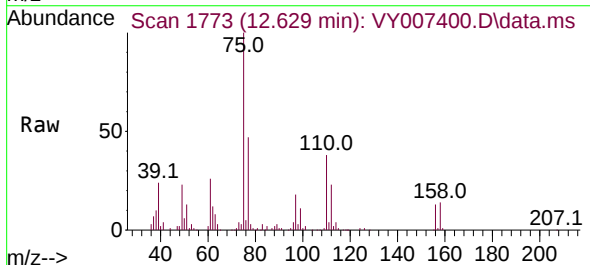
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

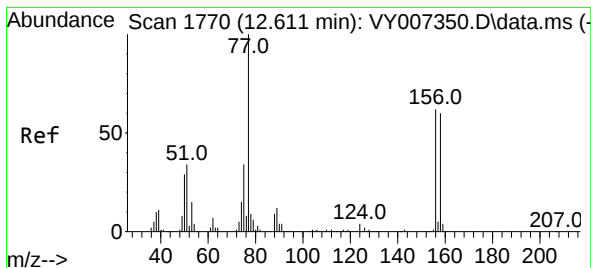
Tgt Ion: 83 Resp: 75856
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.6 16.8
 85 64.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 91.953 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

Tgt Ion: 75 Resp: 102994
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.669 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

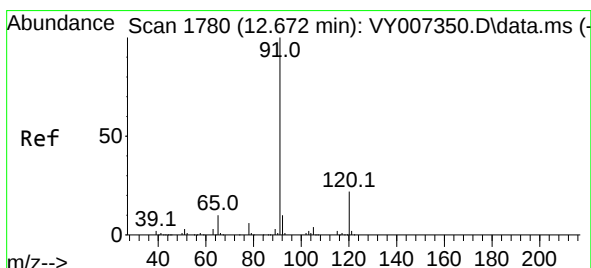
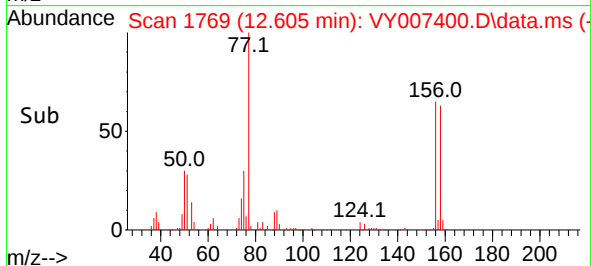
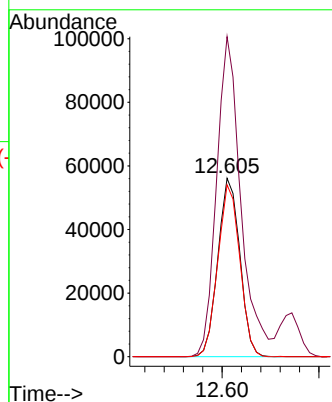
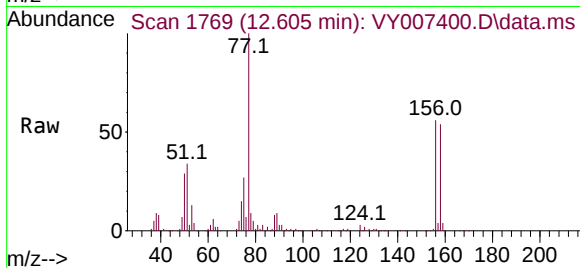
Tgt Ion:156 Resp: 88276

Ion Ratio Lower Upper

156 100

77 197.3 95.5 286.4

158 96.5 48.0 144.0



#78

n-propylbenzene

Concen: 49.047 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY007400.D

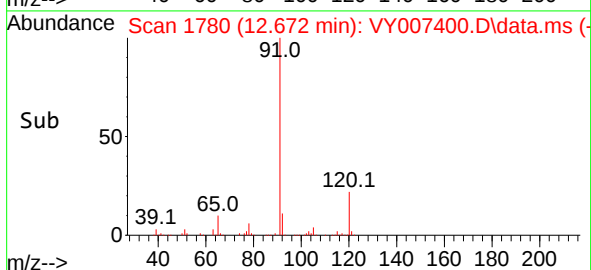
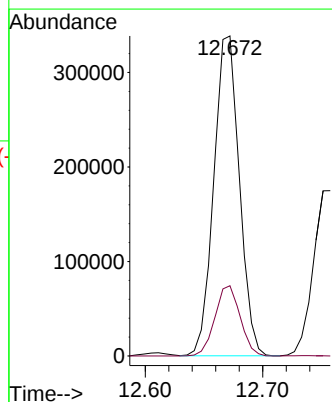
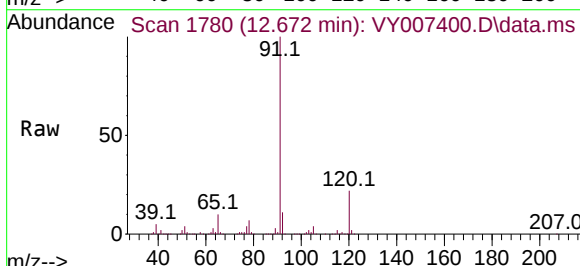
Acq: 04 Feb 2022 17:46

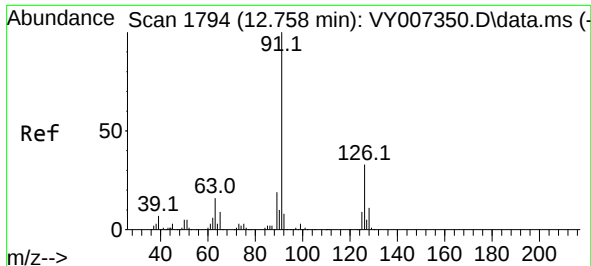
Tgt Ion: 91 Resp: 511549

Ion Ratio Lower Upper

91 100

120 21.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 48.402 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

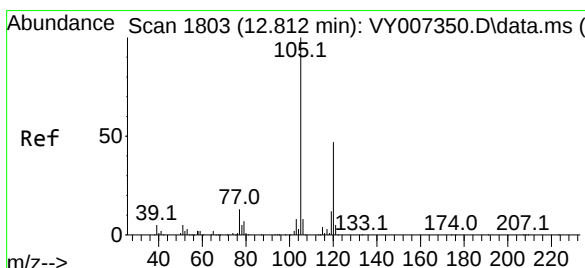
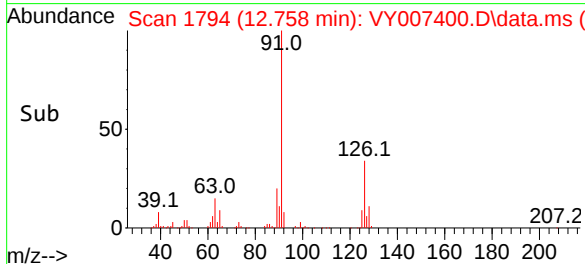
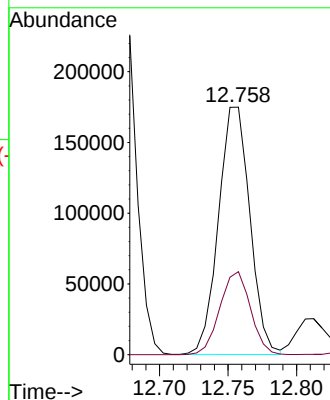
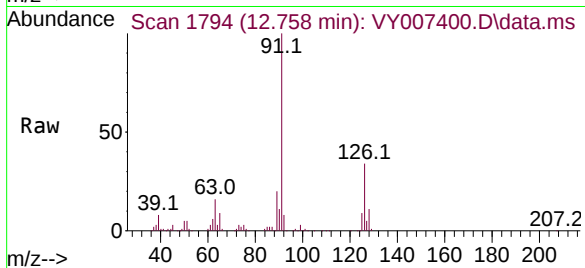
VSTDCCC050EC

Tgt Ion: 91 Resp: 279499

Ion Ratio Lower Upper

91 100

126 32.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.145 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY007400.D

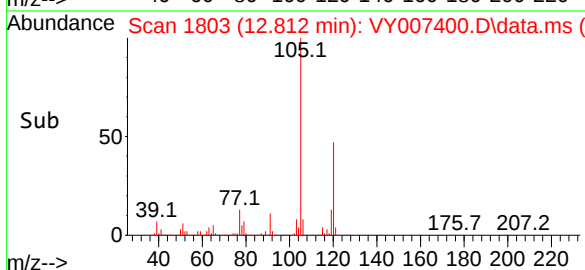
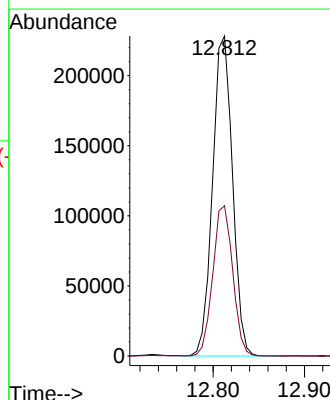
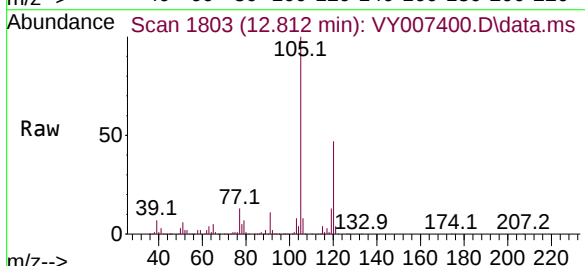
Acq: 04 Feb 2022 17:46

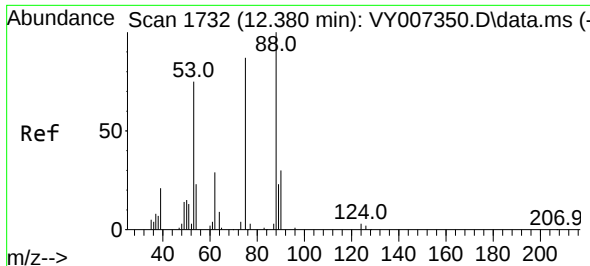
Tgt Ion:105 Resp: 345221

Ion Ratio Lower Upper

105 100

120 47.0 24.4 73.4

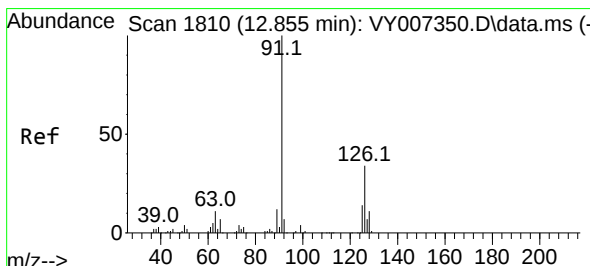
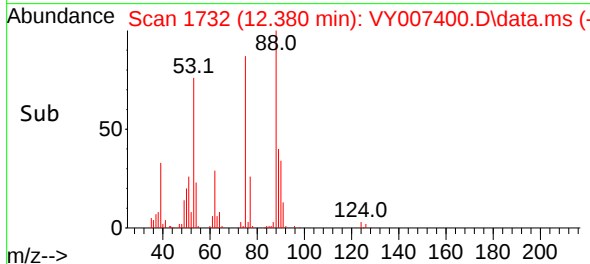
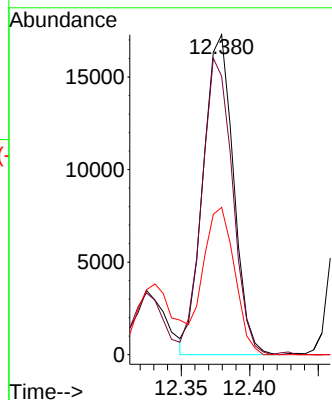
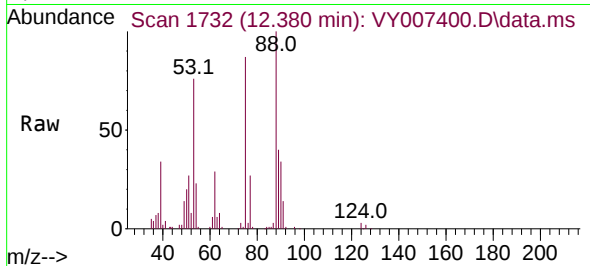




#81
trans-1,4-Dichloro-2-butene
Concen: 47.548 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

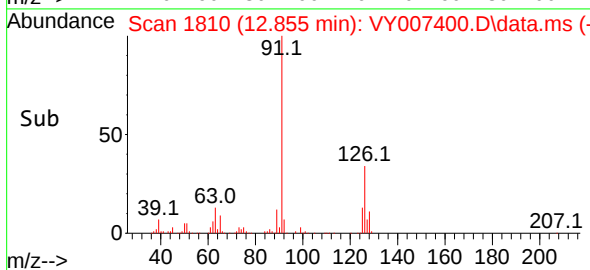
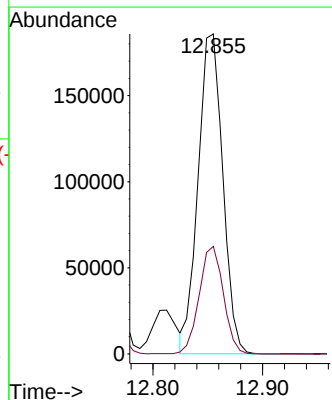
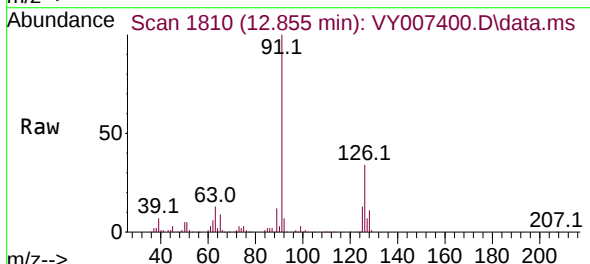
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

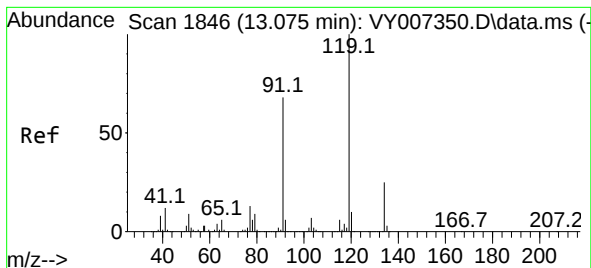
Tgt Ion: 75 Resp: 26583
Ion Ratio Lower Upper
75 100
53 93.3 85.3 127.9
89 47.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.999 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 91 Resp: 290612
Ion Ratio Lower Upper
91 100
126 33.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 48.913 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

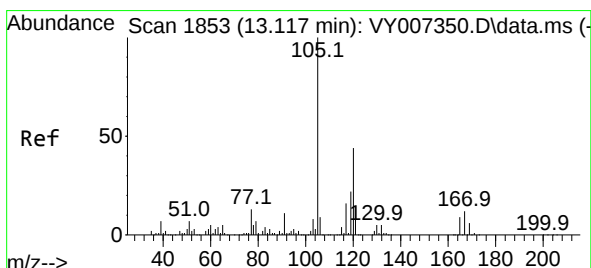
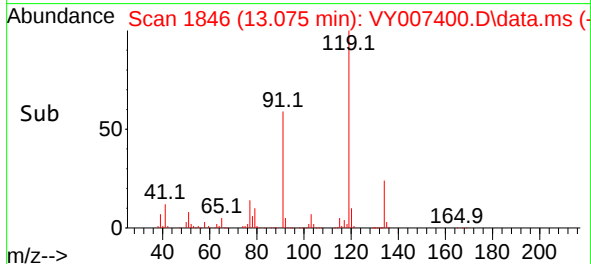
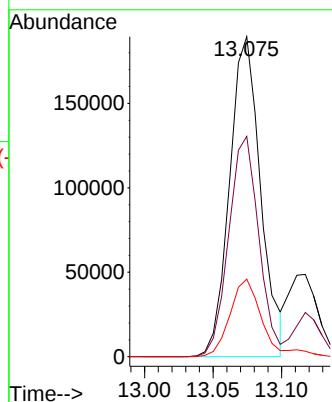
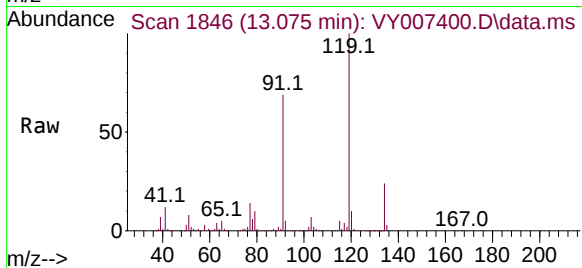
Tgt Ion:119 Resp: 299114

Ion Ratio Lower Upper

119 100

91 66.8 34.8 104.4

134 25.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 48.811 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY007400.D

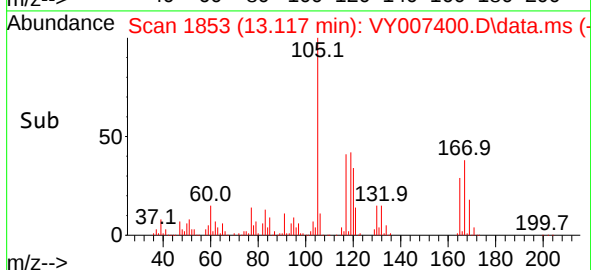
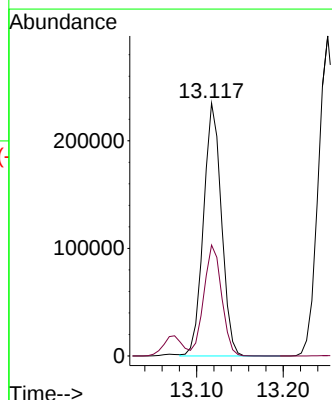
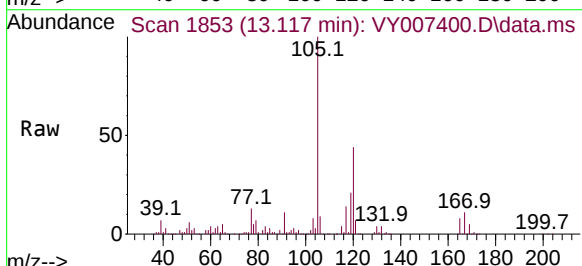
Acq: 04 Feb 2022 17:46

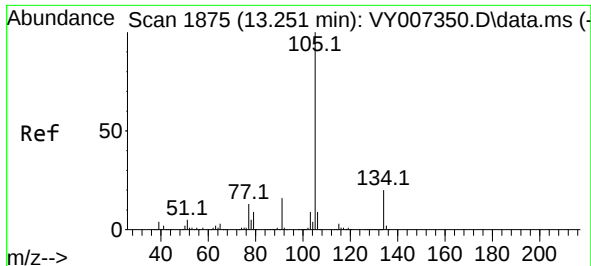
Tgt Ion:105 Resp: 337594

Ion Ratio Lower Upper

105 100

120 43.5 22.3 66.9

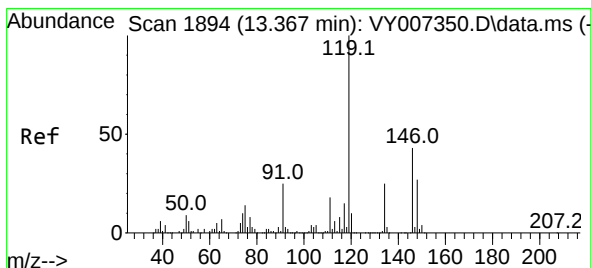
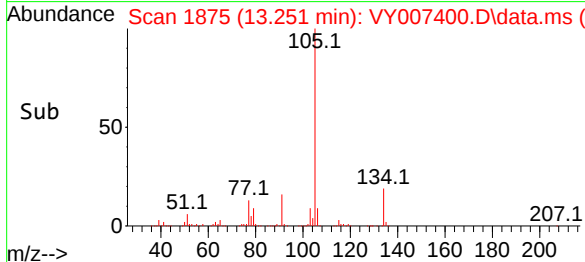
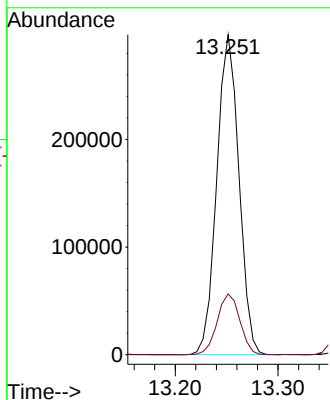
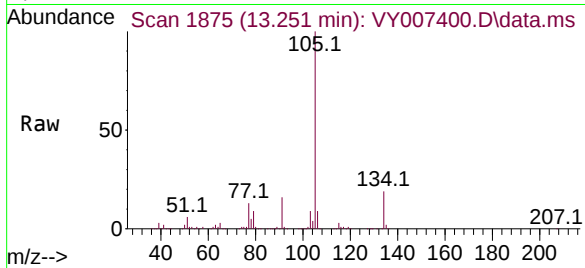




#85
 sec-Butylbenzene
 Concen: 48.477 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

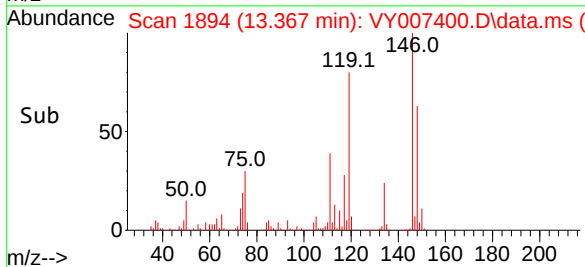
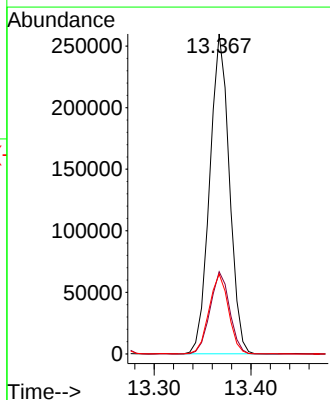
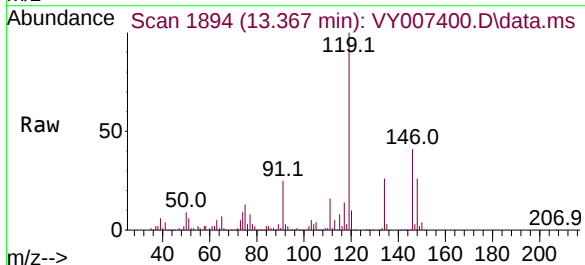
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

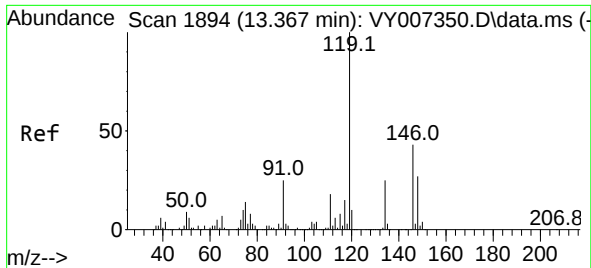
Tgt Ion:105 Resp: 444643
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.870 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007400.D
 Acq: 04 Feb 2022 17:46

Tgt Ion:119 Resp: 365157
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.7 12.4 37.2

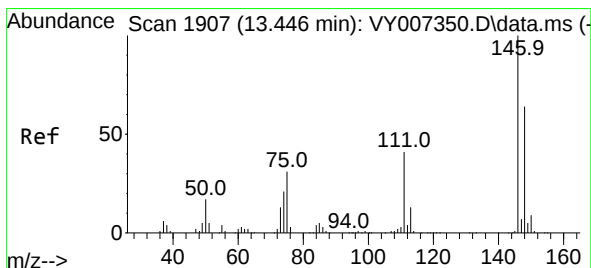
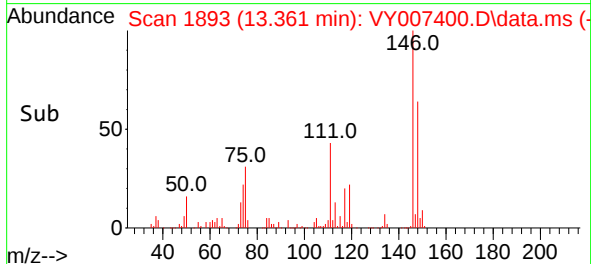
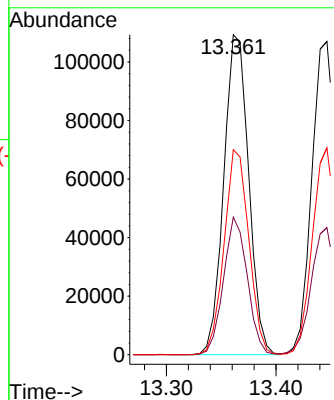
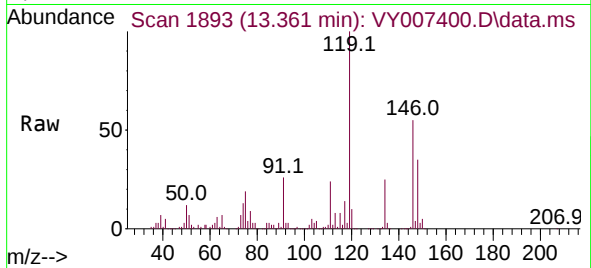




#87
1,3-Dichlorobenzene
Concen: 49.096 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

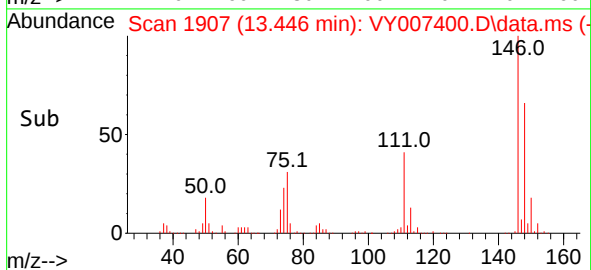
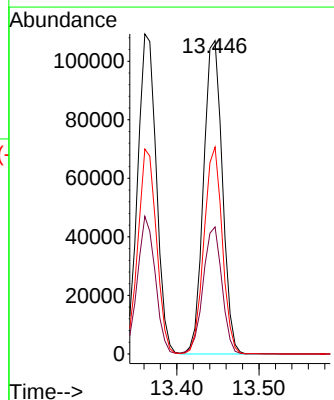
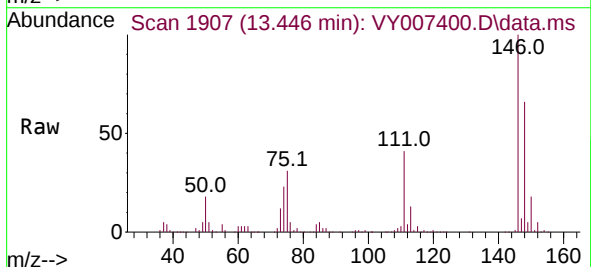
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

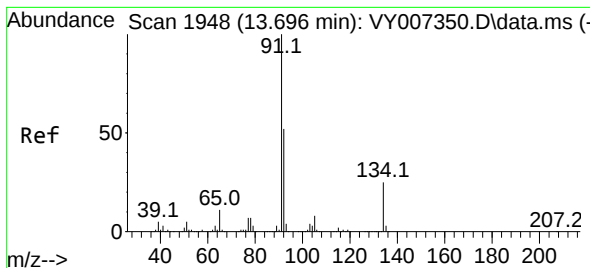
Tgt Ion:146 Resp: 172656
Ion Ratio Lower Upper
146 100
111 41.1 19.5 58.5
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 48.452 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion:146 Resp: 169853
Ion Ratio Lower Upper
146 100
111 40.6 19.3 57.8
148 64.2 32.6 97.8

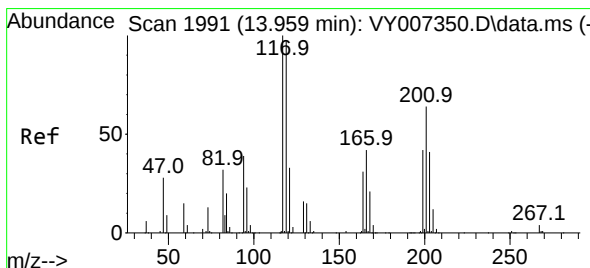
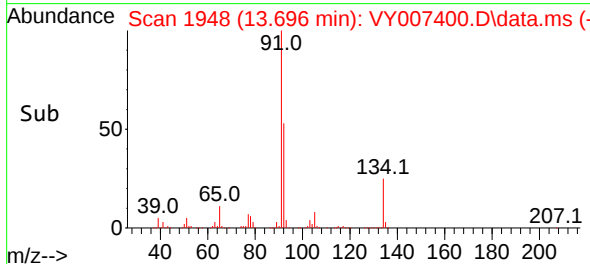
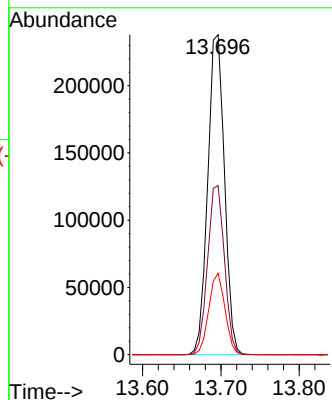
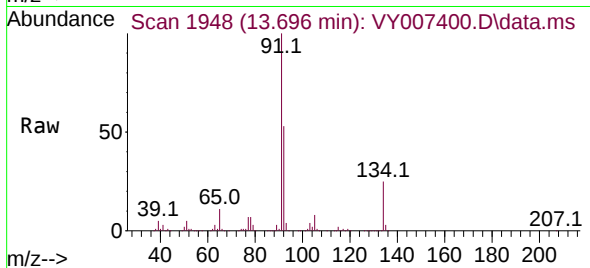




#89
n-Butylbenzene
Concen: 48.979 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

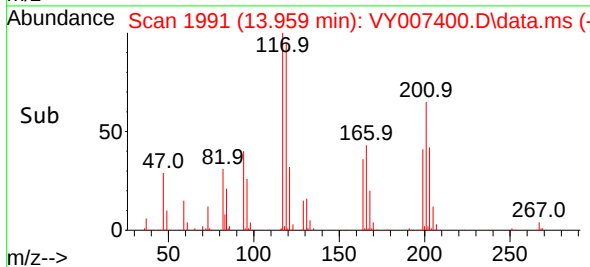
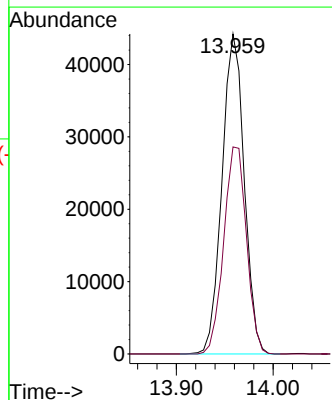
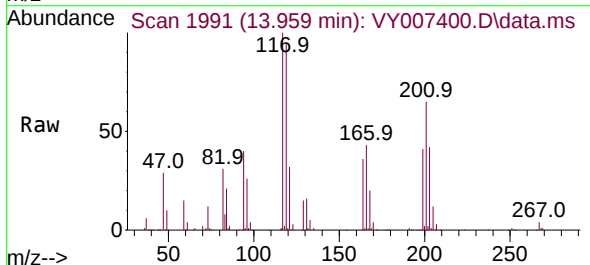
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

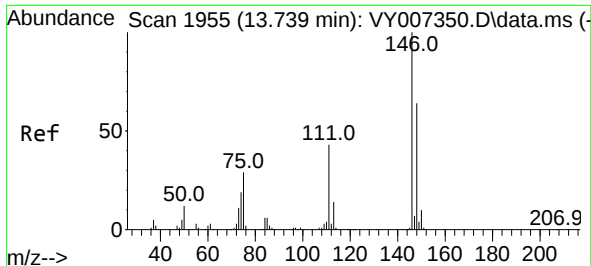
Tgt Ion: 91 Resp: 352238
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 24.7 13.0 38.9



#90
Hexachloroethane
Concen: 49.868 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 117 Resp: 70417
Ion Ratio Lower Upper
117 100
201 66.4 43.0 128.8

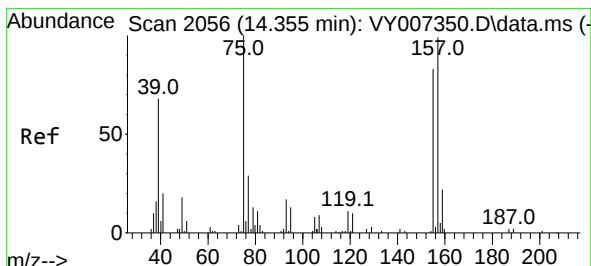
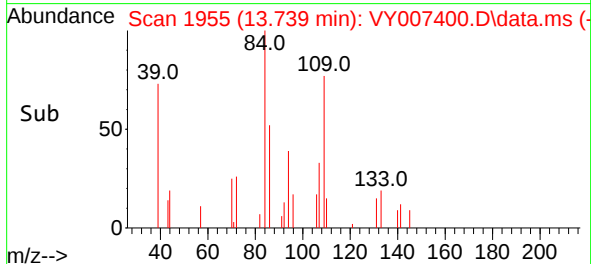
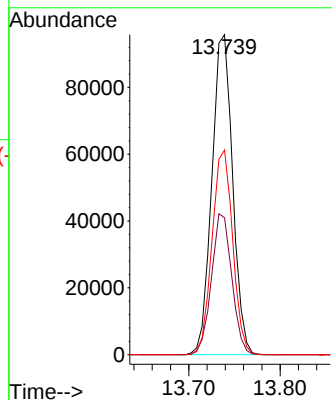
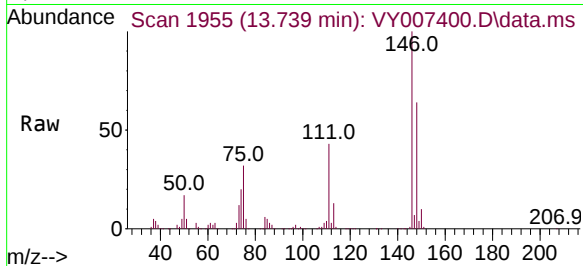




#91
1,2-Dichlorobenzene
Concen: 48.768 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

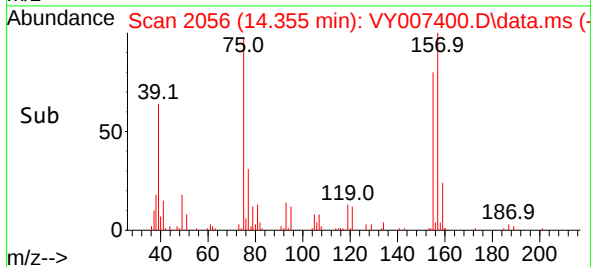
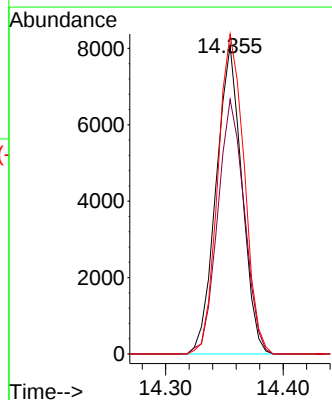
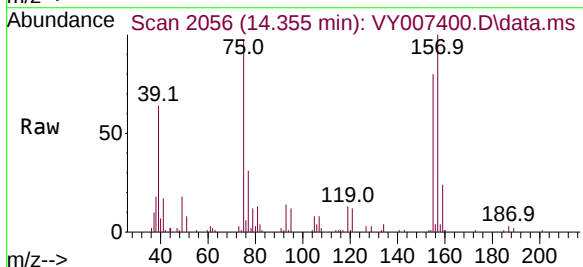
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

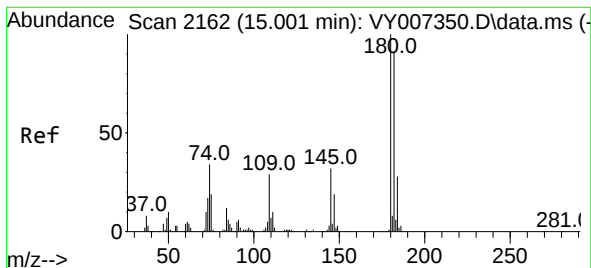
Tgt Ion:146 Resp: 150959
Ion Ratio Lower Upper
146 100
111 43.1 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.117 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion: 75 Resp: 12296
Ion Ratio Lower Upper
75 100
155 85.0 38.0 113.9
157 106.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.907 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

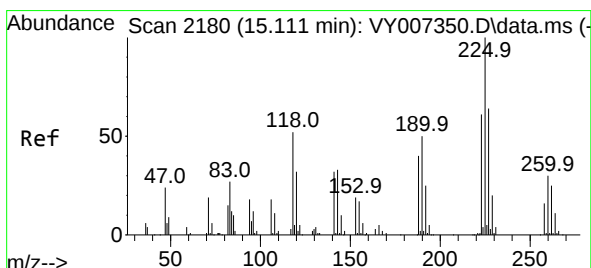
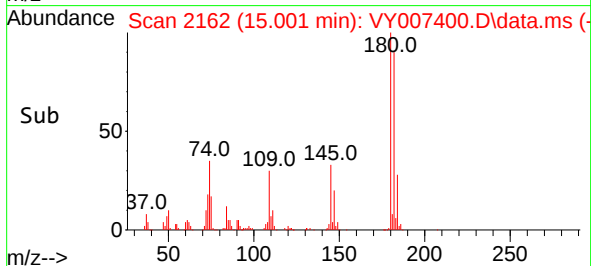
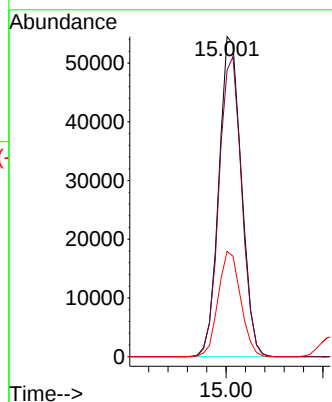
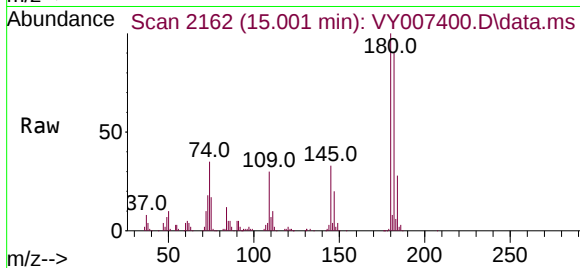
Tgt Ion:180 Resp: 87819

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.720 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY007400.D

Acq: 04 Feb 2022 17:46

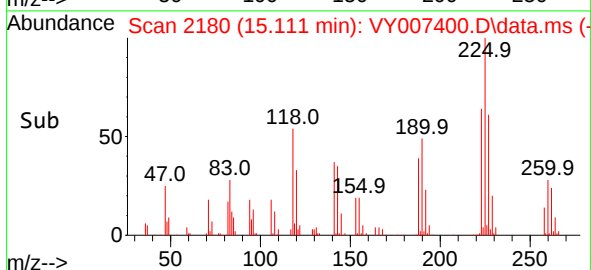
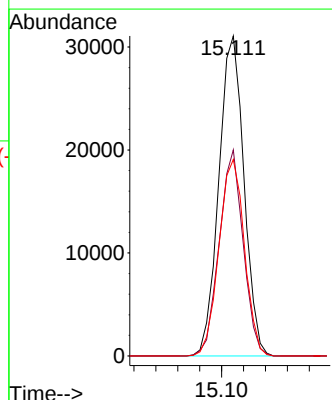
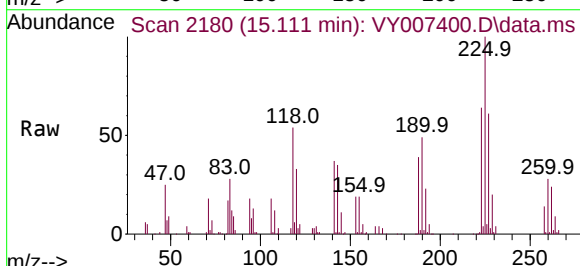
Tgt Ion:225 Resp: 49441

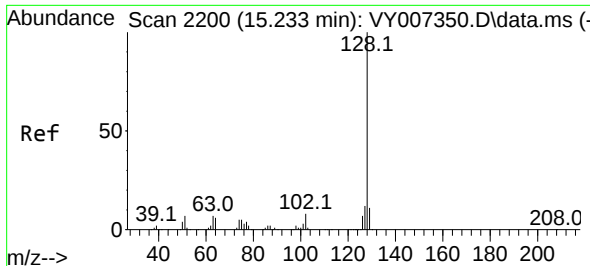
Ion Ratio Lower Upper

225 100

223 61.4 30.8 92.3

227 62.0 31.6 94.7

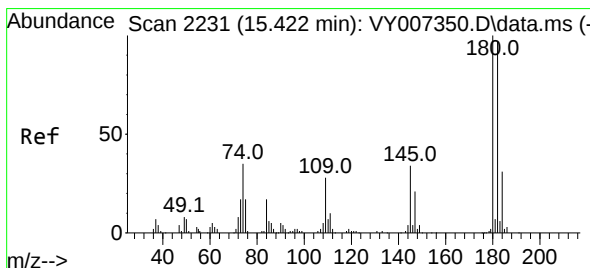
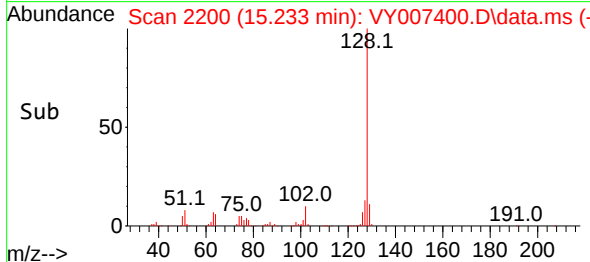
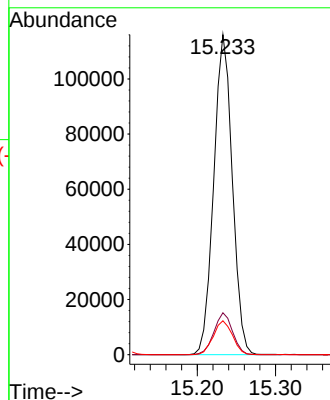
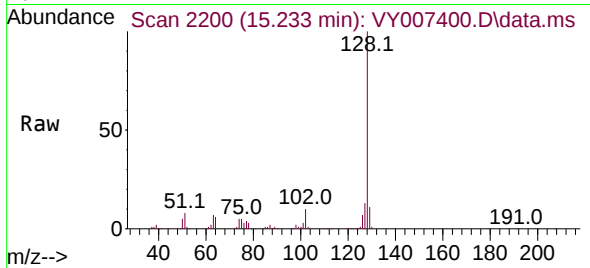




#95
Naphthalene
Concen: 50.170 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 191124
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 49.546 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY007400.D
Acq: 04 Feb 2022 17:46

Tgt Ion:180 Resp: 76667
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 33.7 15.3 45.9

