

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007439.D
 Acq On : 08 Feb 2022 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 09 00:59:57 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	121703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85562	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72478	51.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.540%	
35) Dibromofluoromethane	7.716	113	69079	51.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.179	98	252405	50.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.477	95	84434	49.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	67323	47.248	ug/l	98
3) Chloromethane	2.113	50	72179	45.994	ug/l	97
4) Vinyl Chloride	2.253	62	78505	46.722	ug/l	98
5) Bromomethane	2.644	94	53649	52.713	ug/l	96
6) Chloroethane	2.790	64	49390	47.862	ug/l	98
7) Trichlorofluoromethane	3.125	101	134908	49.546	ug/l	93
8) Diethyl Ether	3.527	74	41875	51.811	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	76670	49.997	ug/l	92
10) Methyl Iodide	4.088	142	87666	53.030	ug/l	94
11) Tert butyl alcohol	4.954	59	34719	207.787	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	68944	48.671	ug/l	88
13) Acrolein	3.723	56	51915	276.063	ug/l	96
14) Allyl chloride	4.479	41	100482	46.184	ug/l #	93
15) Acrylonitrile	5.155	53	98720	259.977	ug/l	99
16) Acetone	3.942	43	83210	183.022	ug/l	98
17) Carbon Disulfide	4.192	76	208129	46.802	ug/l	100
18) Methyl Acetate	4.472	43	42956	50.444	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	210240	52.681	ug/l #	90
20) Methylene Chloride	4.710	84	75824	51.529	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	78341	49.992	ug/l	87
22) Diisopropyl ether	6.118	45	219860	48.228	ug/l #	93
23) Vinyl Acetate	6.058	43	739859	248.849	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	135107	49.071	ug/l	99
25) 2-Butanone	6.984	43	126230	229.801	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	121079	45.959	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	87826	50.739	ug/l	88
28) Bromochloromethane	7.338	49	56736	52.701	ug/l #	81
29) Tetrahydrofuran	7.344	42	83682	263.636	ug/l #	85
30) Chloroform	7.502	83	144032	50.288	ug/l	99
31) Cyclohexane	7.789	56	123094	45.064	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	132042	49.604	ug/l	95
36) 1,1-Dichloropropene	7.917	75	110682	46.909	ug/l	99
37) Ethyl Acetate	7.070	43	57474	48.996	ug/l #	94
38) Carbon Tetrachloride	7.899	117	120314	48.536	ug/l	96
39) Methylcyclohexane	9.179	83	139738	47.159	ug/l	90
40) Benzene	8.161	78	302700	48.400	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	76961	132.028	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	93629	49.248	ug/l	93
43) Isopropyl Acetate	8.271	43	110037	50.160	ug/l #	91
44) Trichloroethene	8.935	130	82486	48.779	ug/l	95
45) 1,2-Dichloropropane	9.216	63	74589	48.366	ug/l	95
46) Dibromomethane	9.307	93	46929	51.148	ug/l	93
47) Bromodichloromethane	9.496	83	111103	50.075	ug/l	97
48) Methyl methacrylate	9.295	41	48340	48.726	ug/l #	84
49) 1,4-Dioxane	9.295	88	12507	1244.437	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	284245	255.483	ug/l	89
52) Toluene	10.240	92	193795	49.180	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	116403	50.220	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	128228	49.391	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	62661	52.000	ug/l	98
56) Ethyl methacrylate	10.508	69	88328	52.774	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	109142	51.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	236829	272.019	ug/l	95
59) 2-Hexanone	10.831	43	196925	242.782	ug/l	89
60) Dibromochloromethane	10.983	129	78145	52.090	ug/l	100
61) 1,2-Dibromoethane	11.087	107	62172	52.150	ug/l	100
64) Tetrachloroethene	10.721	164	73003	49.814	ug/l	95
65) Chlorobenzene	11.514	112	203576	49.004	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	78667	50.727	ug/l	97
67) Ethyl Benzene	11.593	91	381241	48.362	ug/l	98
68) m/p-Xylenes	11.697	106	284620	97.483	ug/l	100
69) o-Xylene	12.026	106	135408	49.053	ug/l	99
70) Styrene	12.044	104	230787	50.716	ug/l	98
71) Bromoform	12.203	173	44117	51.561	ug/l #	100
73) Isopropylbenzene	12.325	105	367321	46.974	ug/l	98
74) N-amyl acetate	12.142	43	95047	49.105	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	70800	49.579	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	95360	93.750	ug/l #	100
77) Bromobenzene	12.605	156	80060	48.604	ug/l	99
78) n-propylbenzene	12.666	91	448194	47.320	ug/l	100
79) 2-Chlorotoluene	12.751	91	246291	46.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	304890	47.795	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	25321	49.872	ug/l	86
82) 4-Chlorotoluene	12.855	91	251791	46.749	ug/l	100
83) tert-Butylbenzene	13.075	119	269911	48.603	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	299663	47.710	ug/l	99
85) sec-Butylbenzene	13.251	105	397178	47.682	ug/l	98
86) p-Isopropyltoluene	13.367	119	329219	48.518	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	156592	49.032	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	155680	48.902	ug/l	97
89) n-Butylbenzene	13.696	91	312489	47.848	ug/l	99
90) Hexachloroethane	13.959	117	62716	48.907	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	137397	48.877	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11851	51.068	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	83398	50.097	ug/l	99
94) Hexachlorobutadiene	15.111	225	46124	50.050	ug/l	97
95) Naphthalene	15.233	128	190185	54.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	73150	52.056	ug/l	98

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

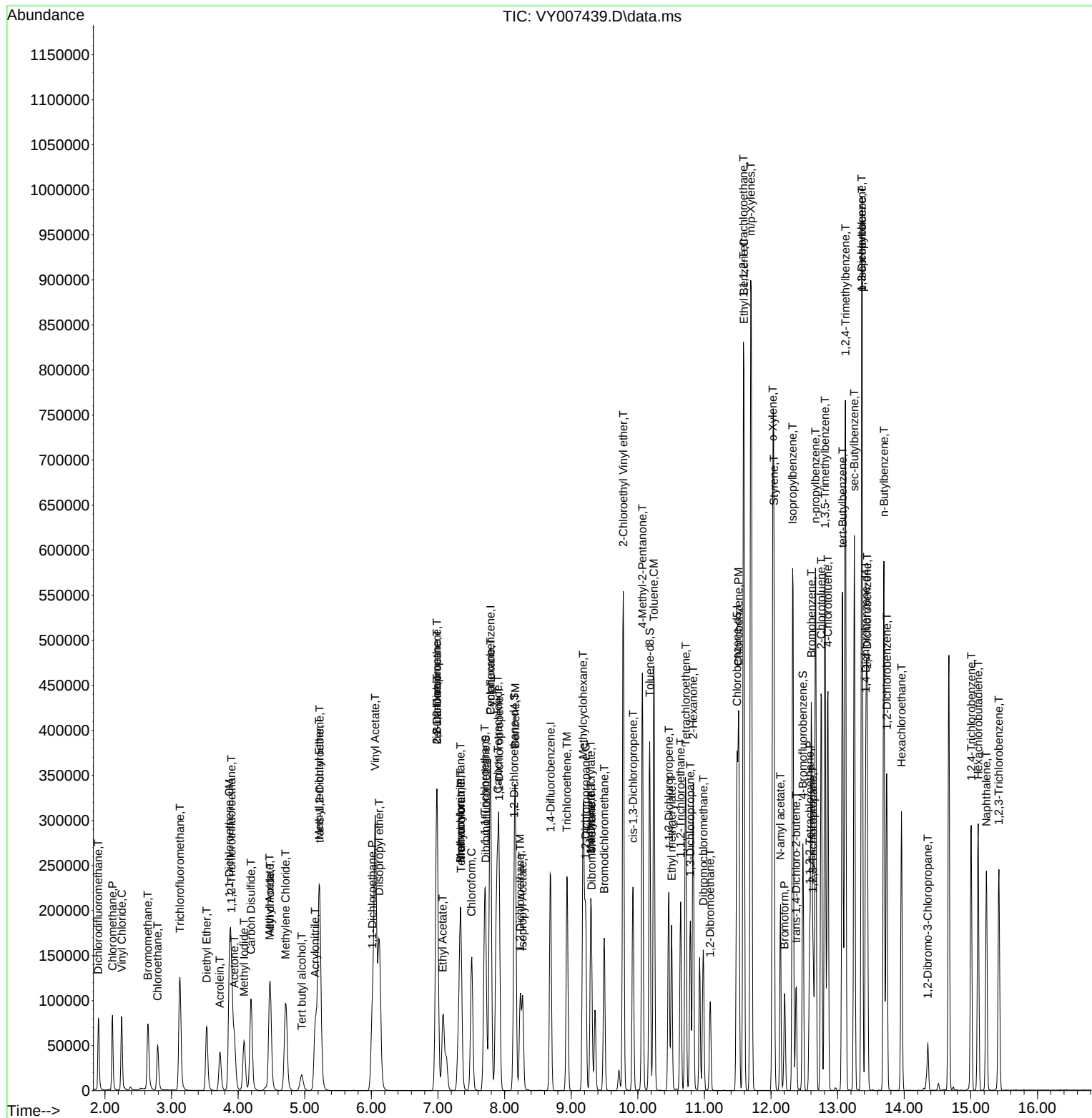
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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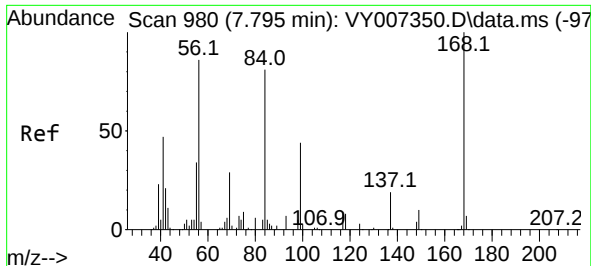
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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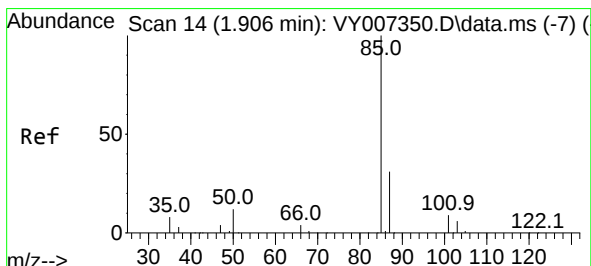
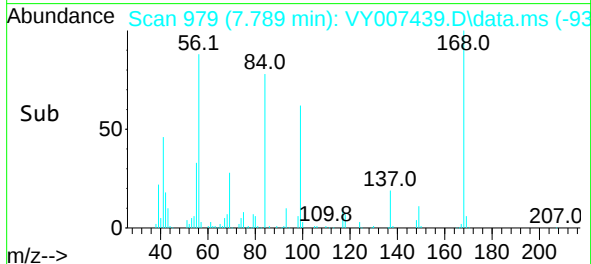
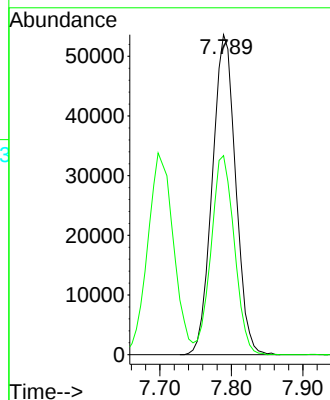
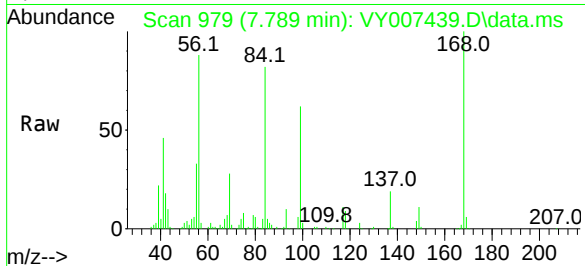




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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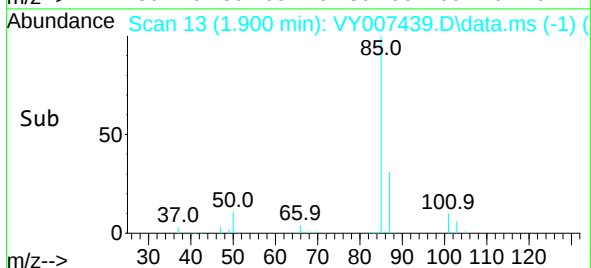
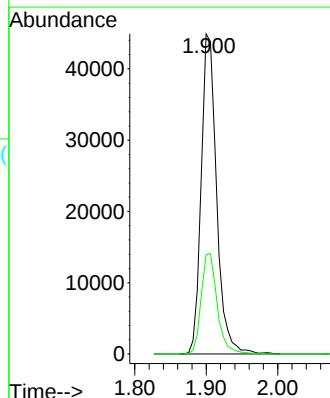
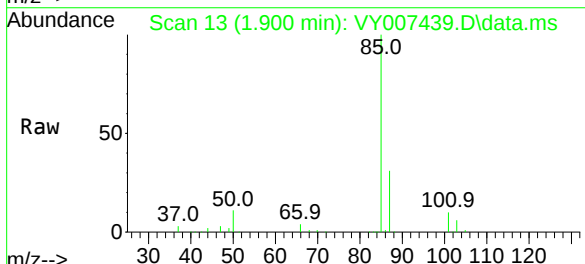
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

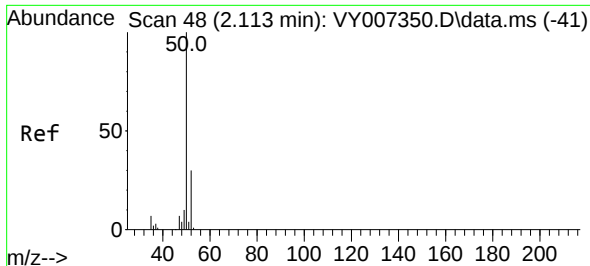
Tgt Ion:168 Resp: 121703
Ion Ratio Lower Upper
168 100
99 62.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.248 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

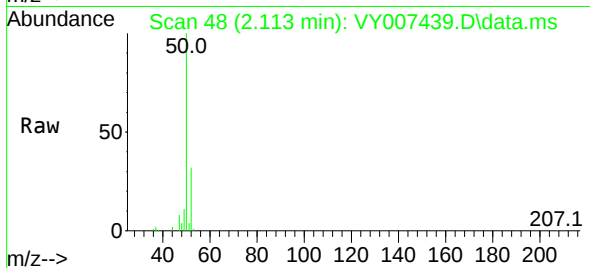
Tgt Ion: 85 Resp: 67323
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2



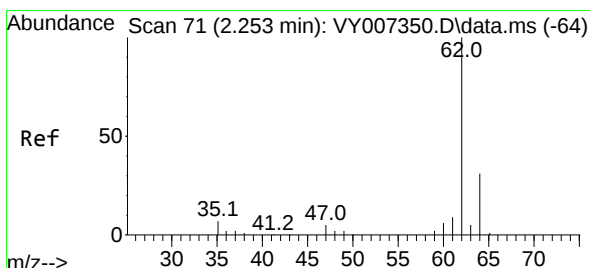
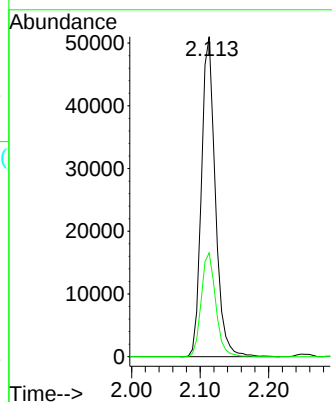
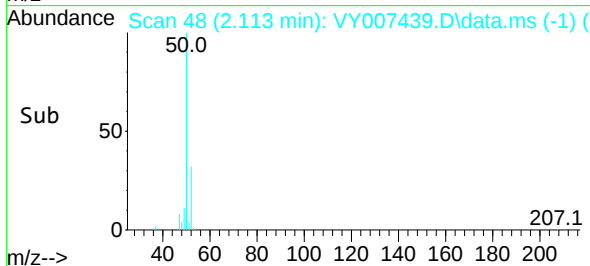


#3
Chloromethane
Concen: 45.994 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007439.D
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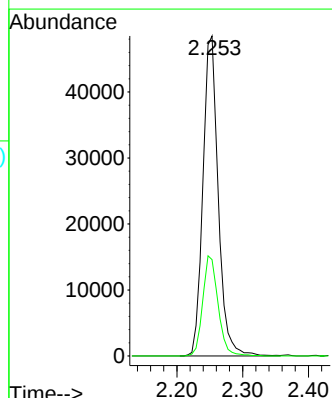
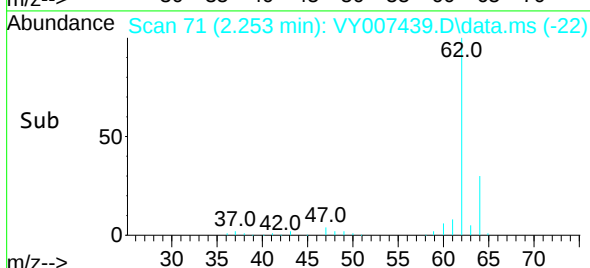
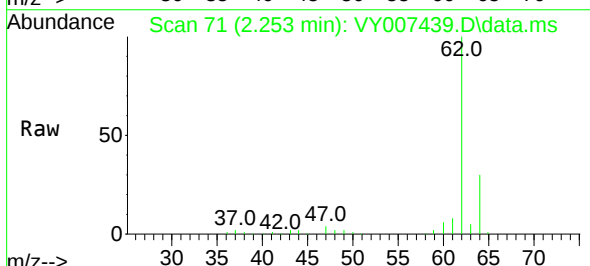


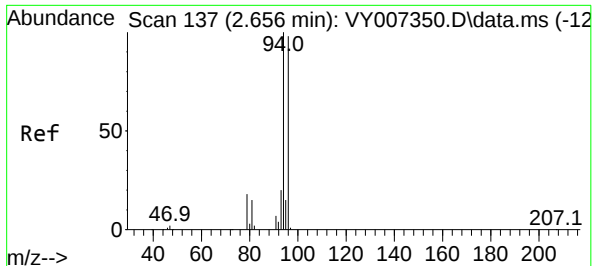
Tgt Ion: 50 Resp: 72179
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0



#4
Vinyl Chloride
Concen: 46.722 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 62 Resp: 78505
Ion Ratio Lower Upper
62 100
64 30.1 25.0 37.6

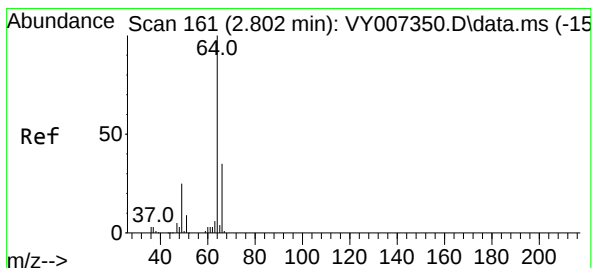
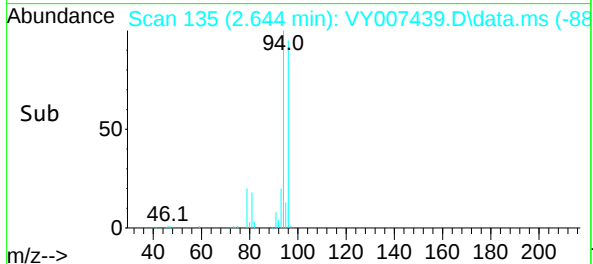
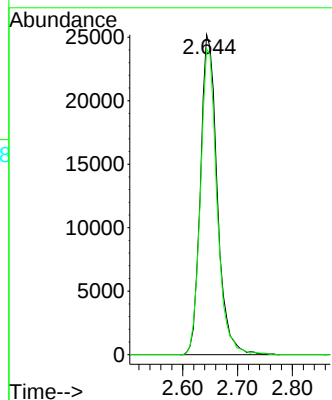
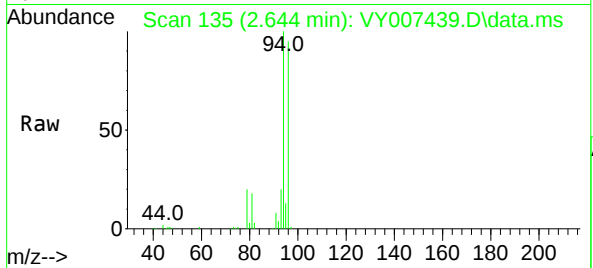




#5
Bromomethane
Concen: 52.713 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007439.D
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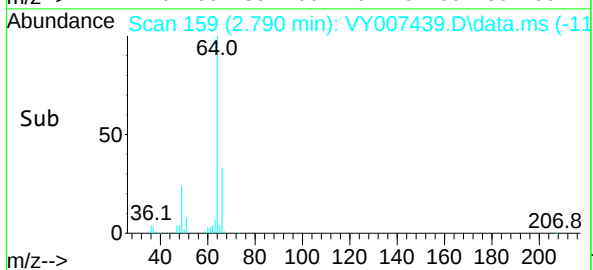
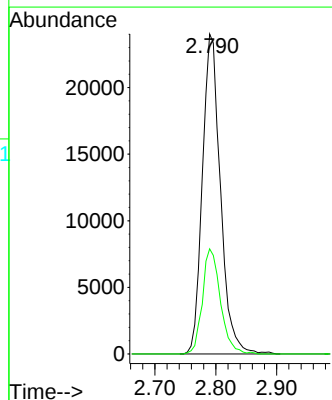
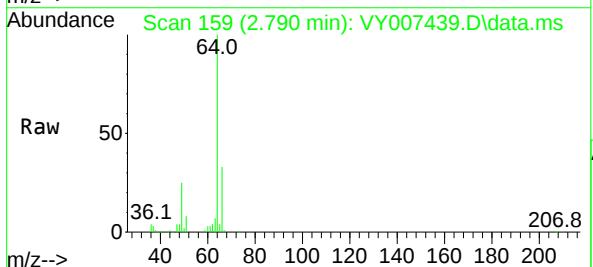
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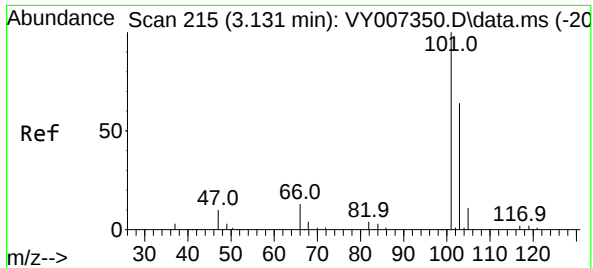
Tgt Ion: 94 Resp: 53649
Ion Ratio Lower Upper
94 100
96 95.4 73.5 110.3



#6
Chloroethane
Concen: 47.862 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 64 Resp: 49390
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0

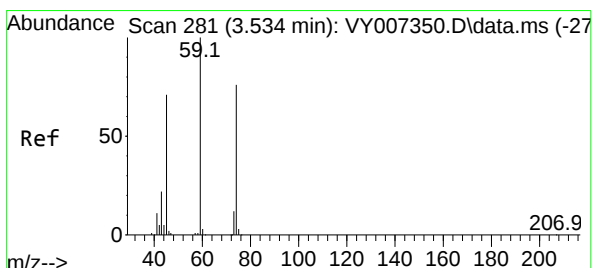
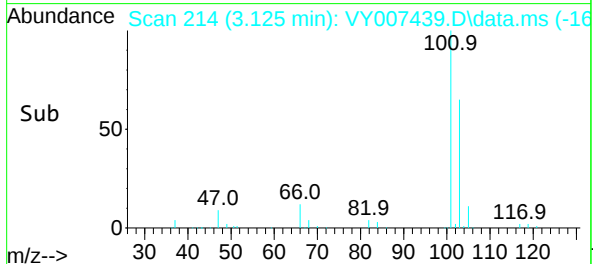
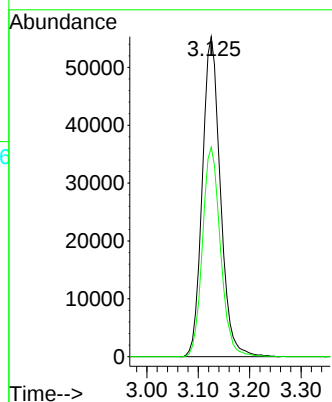
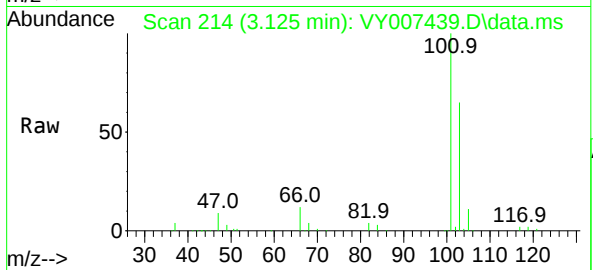




#7
Trichlorofluoromethane
Concen: 49.546 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007439.D
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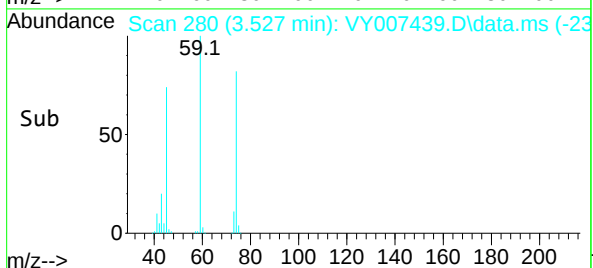
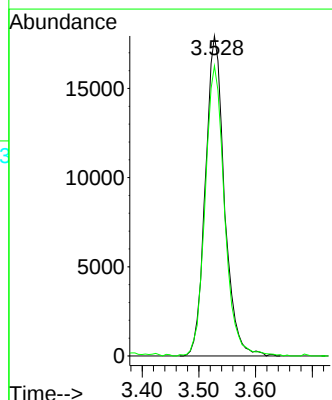
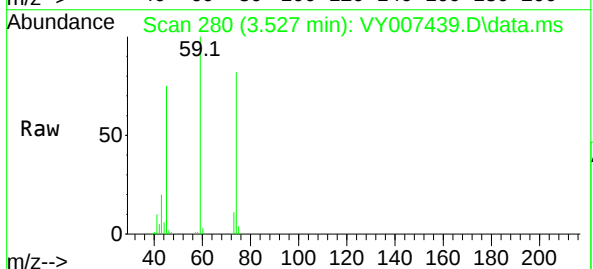
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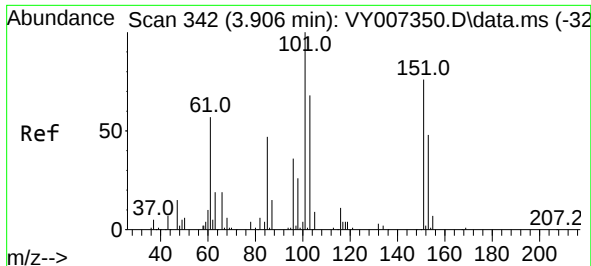
Tgt Ion:101 Resp: 134908
Ion Ratio Lower Upper
101 100
103 65.4 48.0 72.0



#8
Diethyl Ether
Concen: 51.811 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 74 Resp: 41875
Ion Ratio Lower Upper
74 100
45 92.7 55.1 165.5

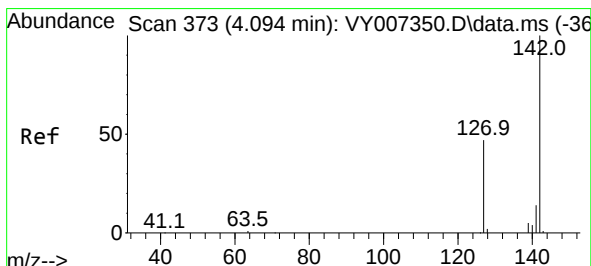
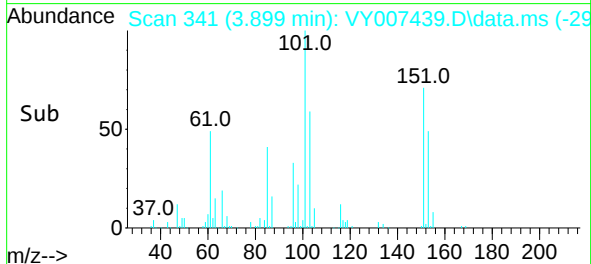
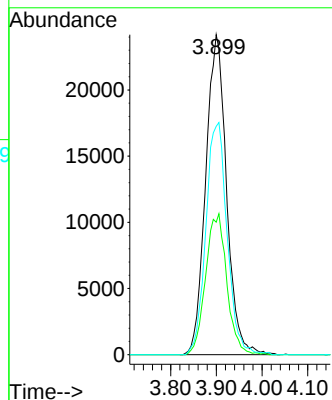
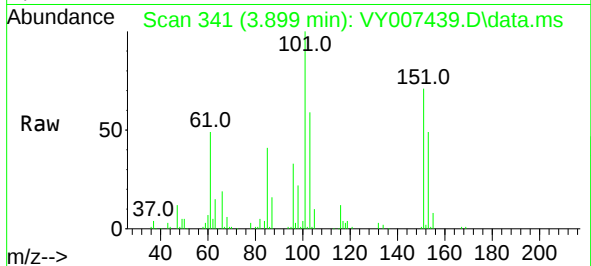




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.997 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

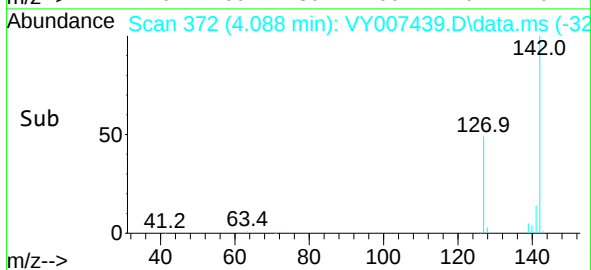
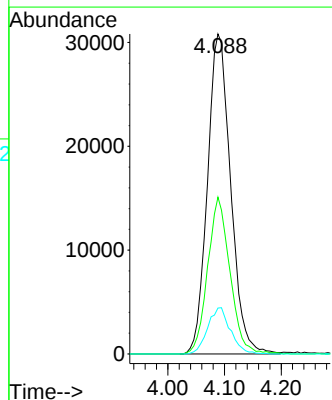
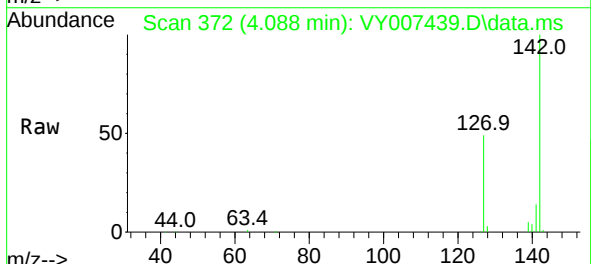
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

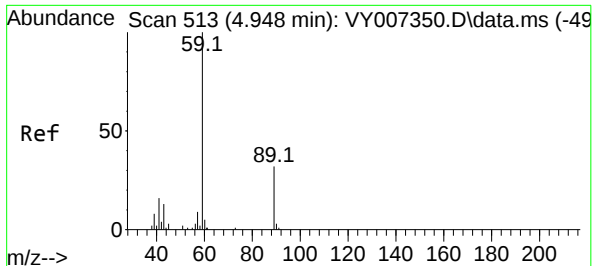
Tgt Ion:101 Resp: 76670
Ion Ratio Lower Upper
101 100
85 44.8 40.6 60.8
151 74.2 64.9 97.3



#10
Methyl Iodide
Concen: 53.030 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion:142 Resp: 87666
Ion Ratio Lower Upper
142 100
127 47.0 41.5 62.3
141 14.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 207.787 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

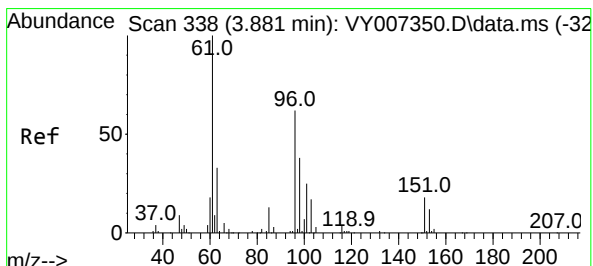
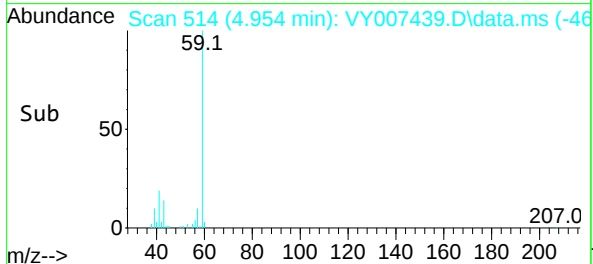
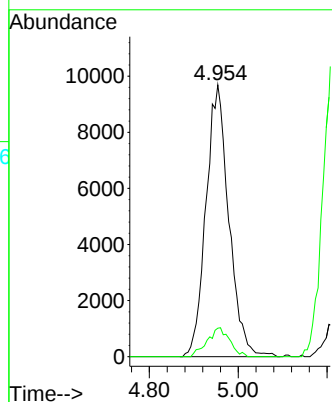
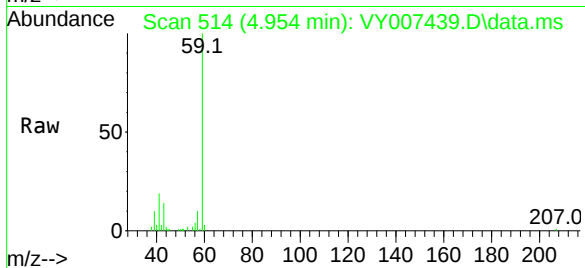
VSTDCCC050EC

Tgt Ion: 59 Resp: 34719

Ion Ratio Lower Upper

59 100

57 10.4 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 48.671 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.012 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

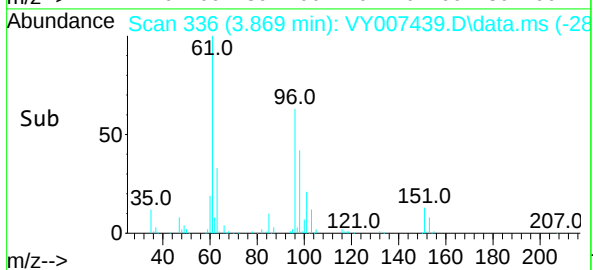
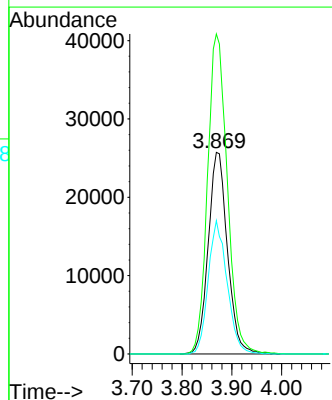
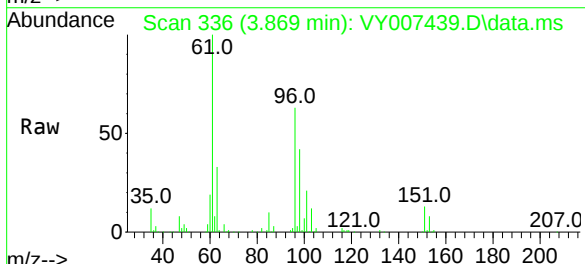
Tgt Ion: 96 Resp: 68944

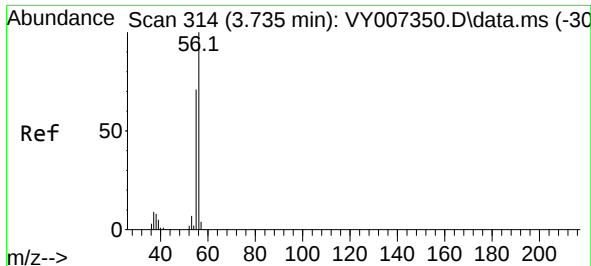
Ion Ratio Lower Upper

96 100

61 158.8 145.8 218.6

98 66.2 52.5 78.7





#13

Acrolein

Concen: 276.063 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

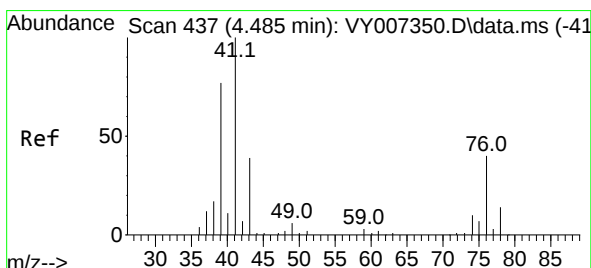
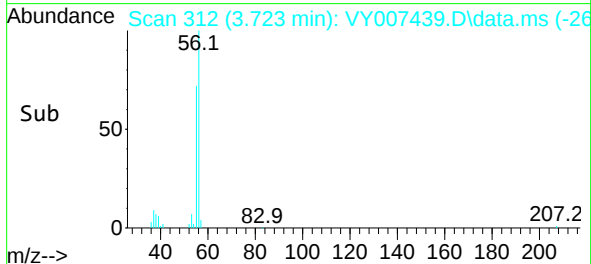
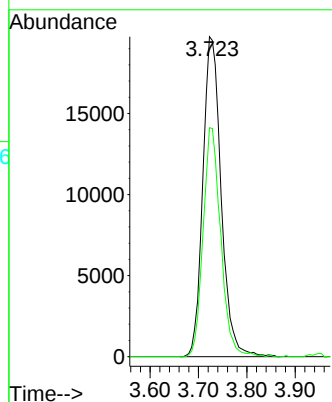
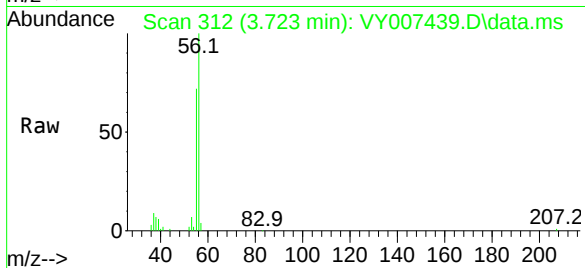
VSTDCCC050EC

Tgt Ion: 56 Resp: 51915

Ion Ratio Lower Upper

56 100

55 68.7 57.6 86.4



#14

Allyl chloride

Concen: 46.184 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

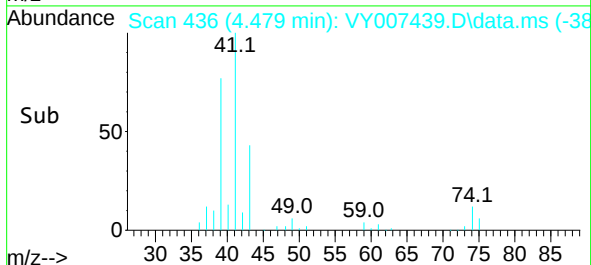
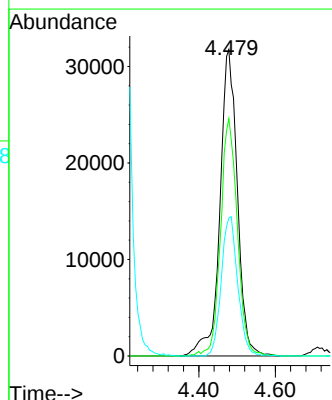
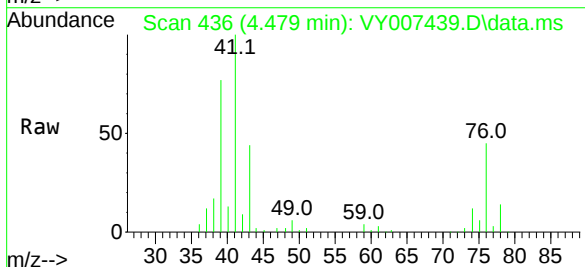
Tgt Ion: 41 Resp: 100482

Ion Ratio Lower Upper

41 100

39 74.7 58.8 88.2

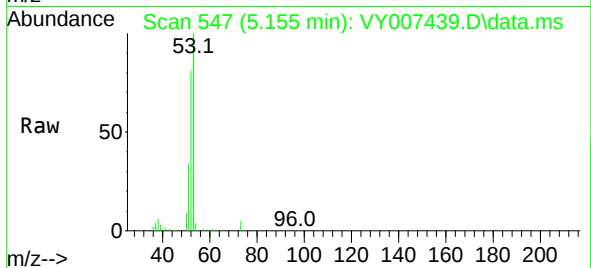
76 42.8 25.1 37.7#



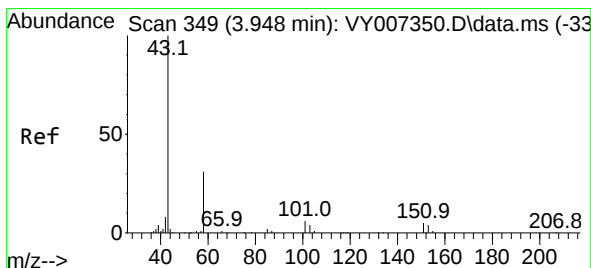
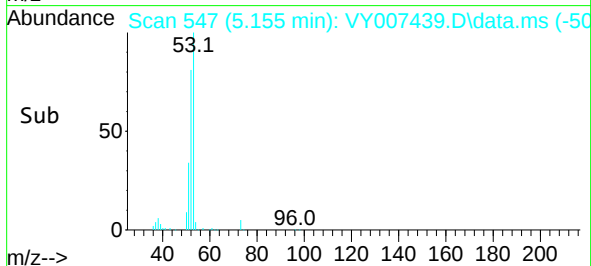
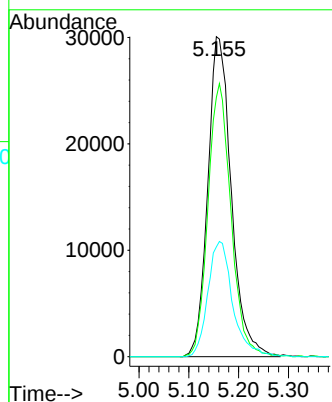


#15
Acrylonitrile
Concen: 259.977 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

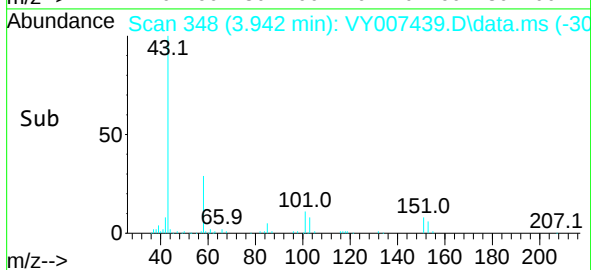
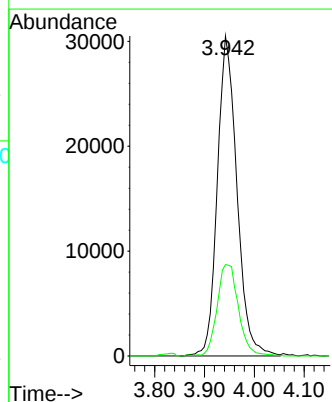
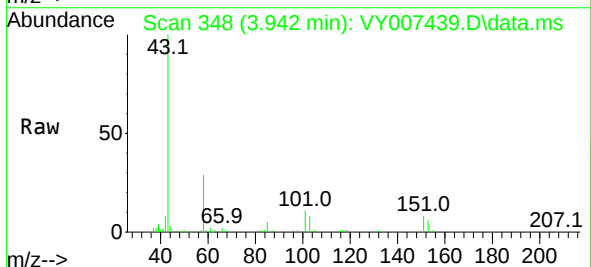


Tgt Ion: 53 Resp: 98720
Ion Ratio Lower Upper
53 100
52 83.5 67.0 100.4
51 38.0 29.8 44.6



#16
Acetone
Concen: 183.022 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 43 Resp: 83210
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0

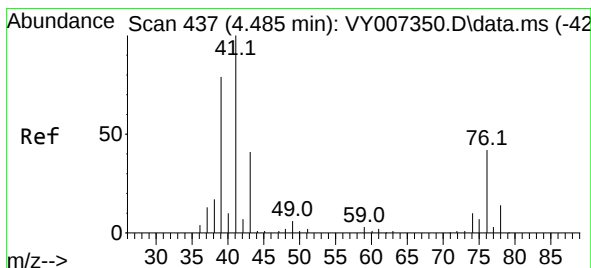
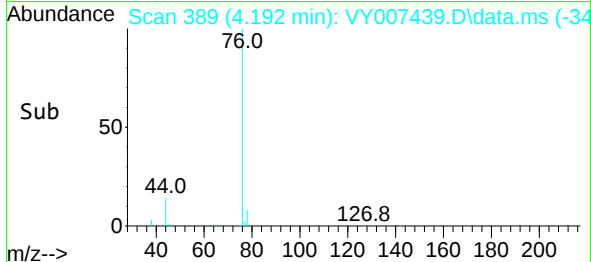
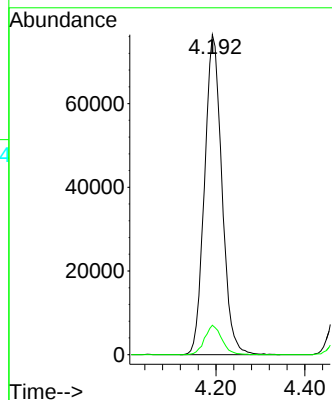
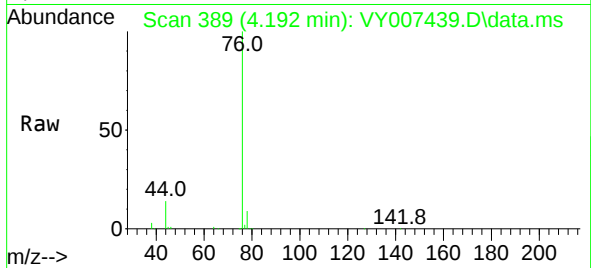




#17
Carbon Disulfide
Concen: 46.802 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

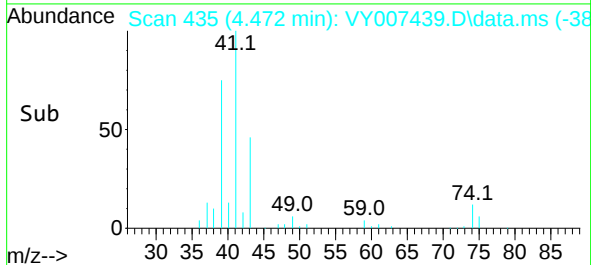
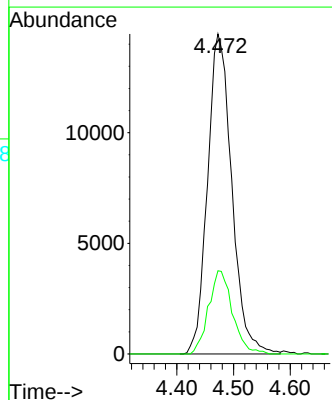
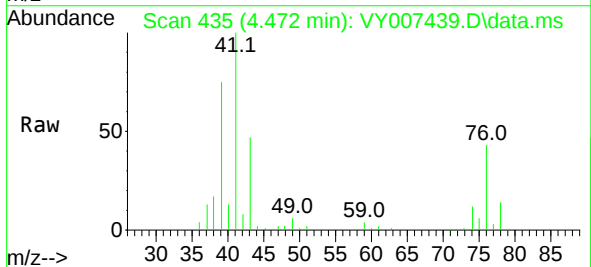
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

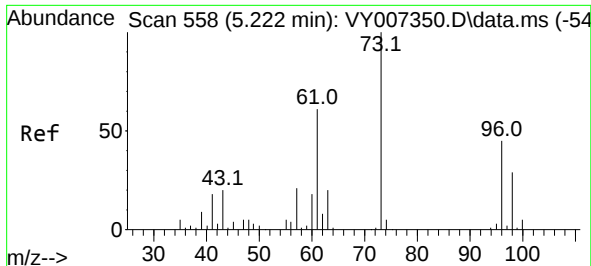
Tgt Ion: 76 Resp: 208129
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 50.444 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 43 Resp: 42956
Ion Ratio Lower Upper
43 100
74 25.6 16.6 24.8#

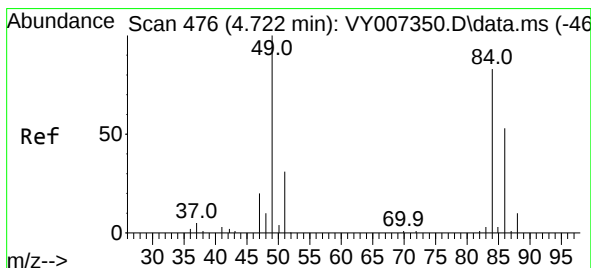
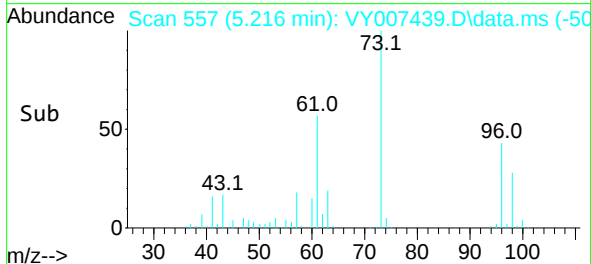
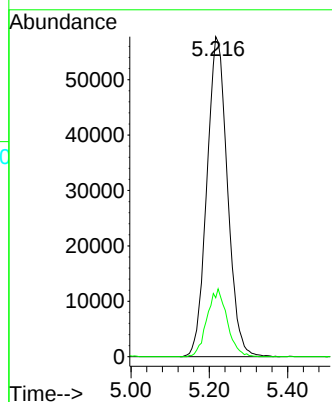
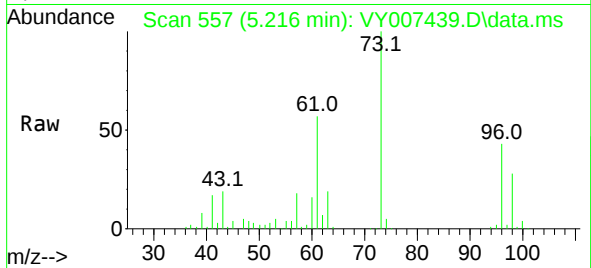




#19
Methyl tert-butyl Ether
Concen: 52.681 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

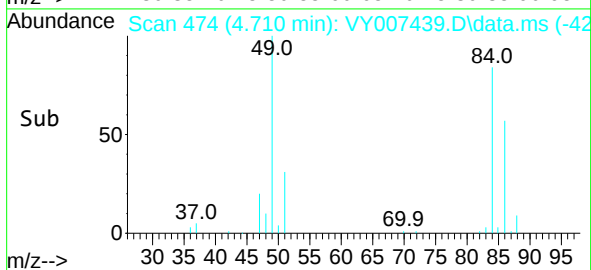
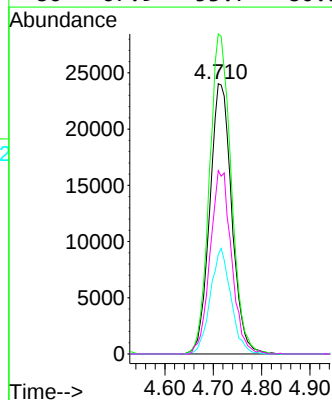
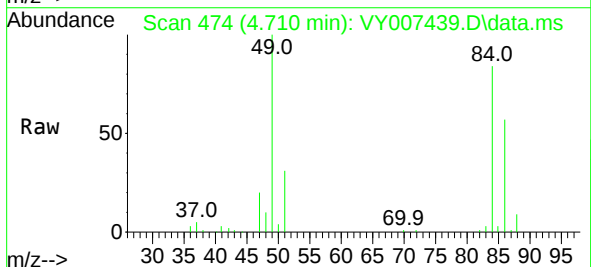
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

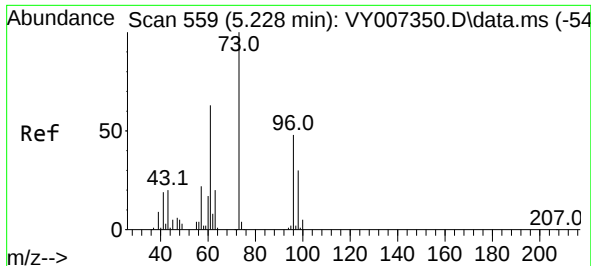
Tgt Ion: 73 Resp: 210240
Ion Ratio Lower Upper
73 100
57 18.4 18.6 27.8#



#20
Methylene Chloride
Concen: 51.529 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 84 Resp: 75824
Ion Ratio Lower Upper
84 100
49 118.4 114.4 171.6
51 36.8 35.3 52.9
86 67.9 53.7 80.5

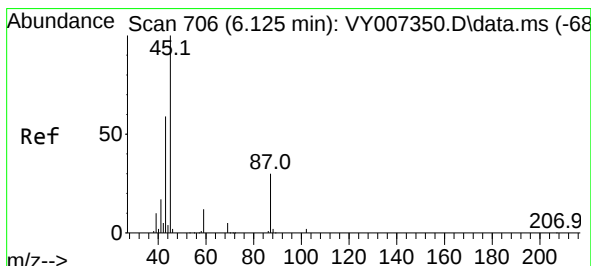
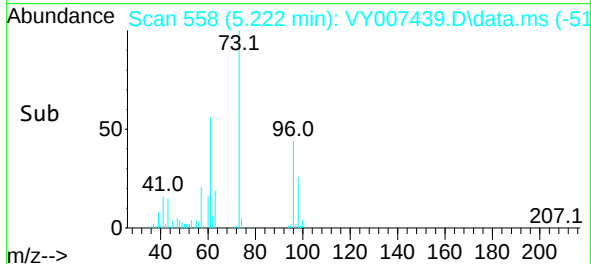
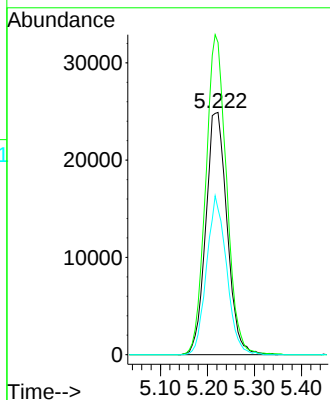
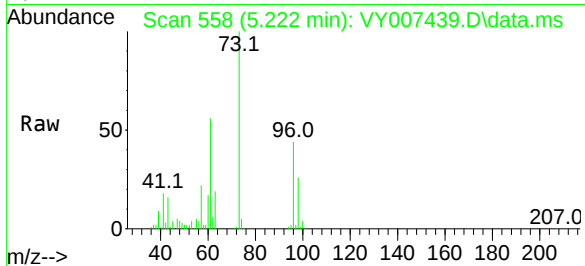




#21
trans-1,2-Dichloroethene
Concen: 49.992 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

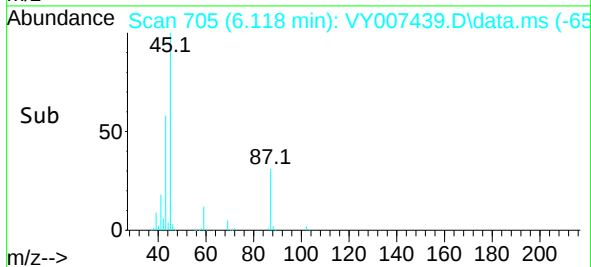
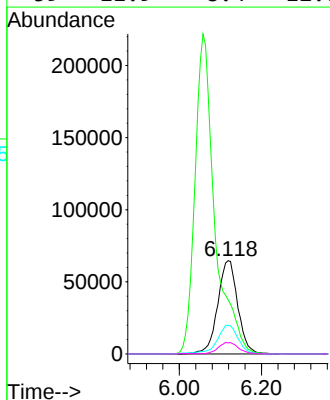
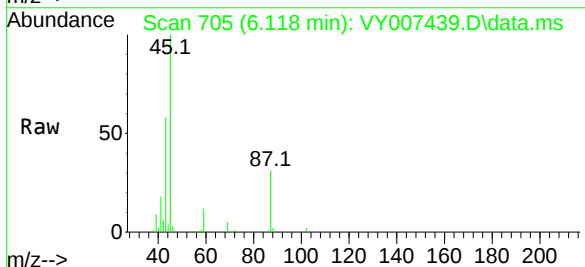
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

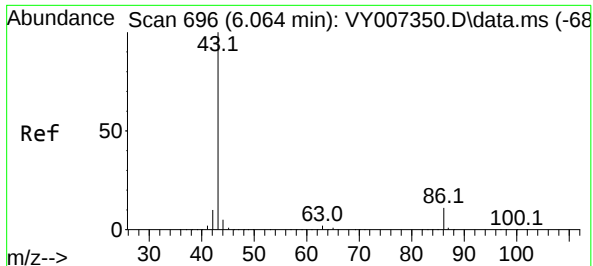
Tgt Ion: 96 Resp: 78341
Ion Ratio Lower Upper
96 100
61 128.9 120.5 180.7
98 60.1 49.8 74.8



#22
Diisopropyl ether
Concen: 48.228 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 45 Resp: 219860
Ion Ratio Lower Upper
45 100
43 57.8 49.3 73.9
87 30.7 19.2 28.8#
59 11.9 8.4 12.6

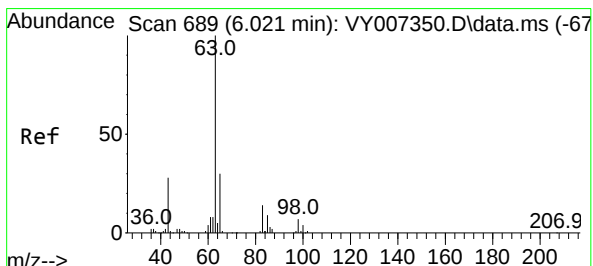
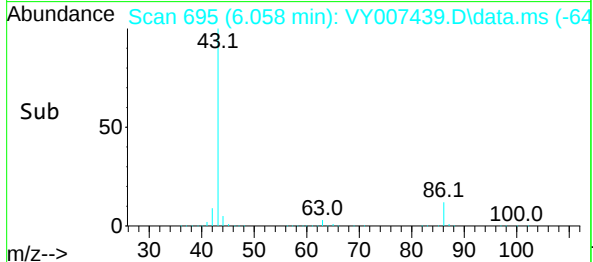
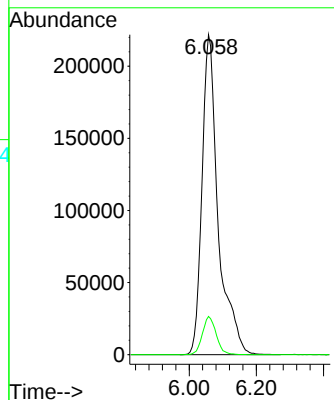
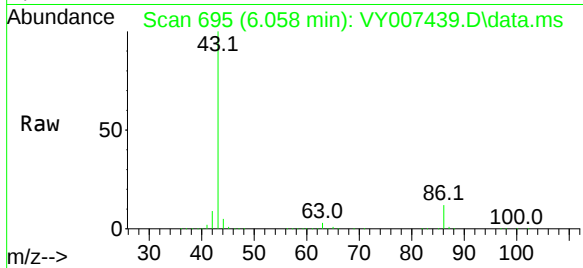




#23
 Vinyl Acetate
 Concen: 248.849 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY007439.D
 Acq: 08 Feb 2022 17:29

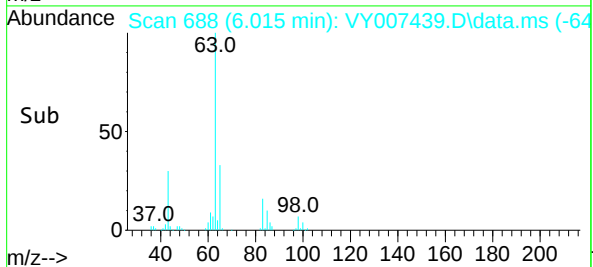
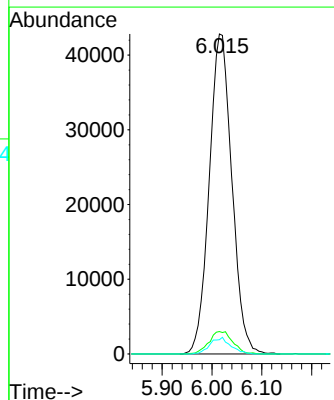
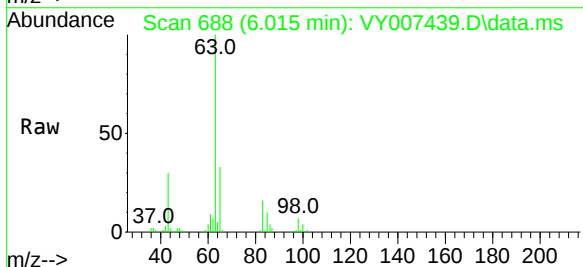
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

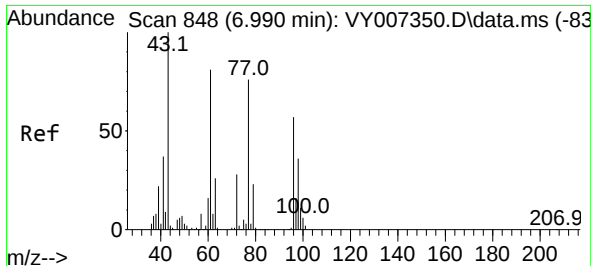
Tgt Ion: 43 Resp: 739859
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.071 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007439.D
 Acq: 08 Feb 2022 17:29

Tgt Ion: 63 Resp: 135107
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.5 2.0 5.8

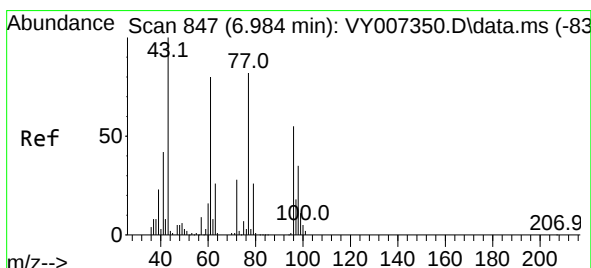
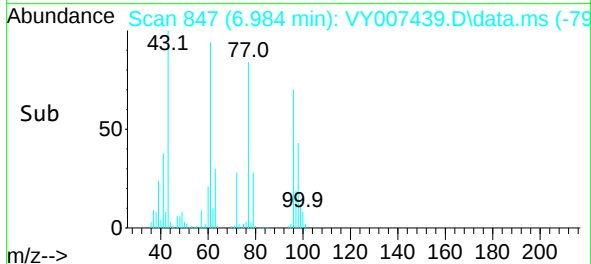
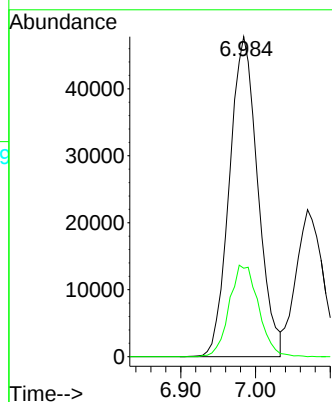
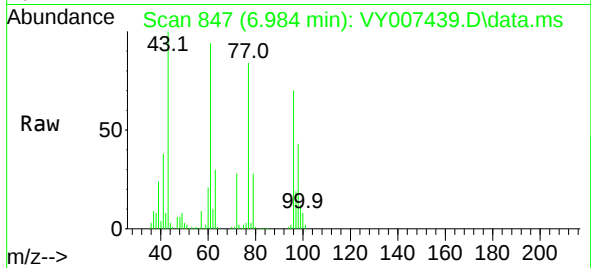




#25
2-Butanone
Concen: 229.801 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

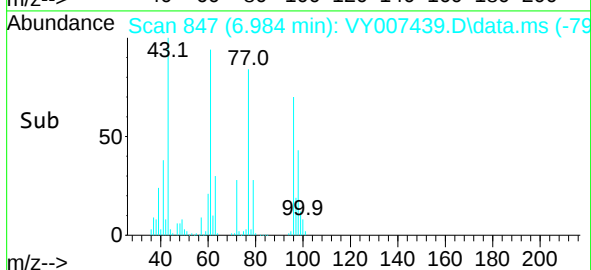
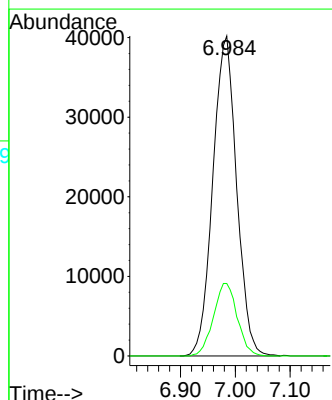
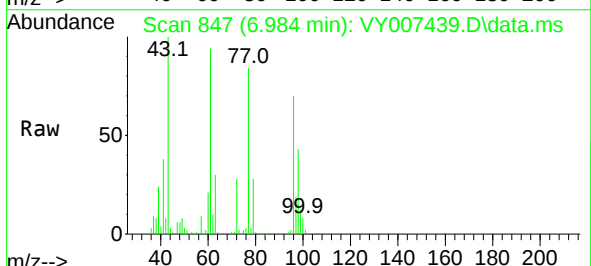
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

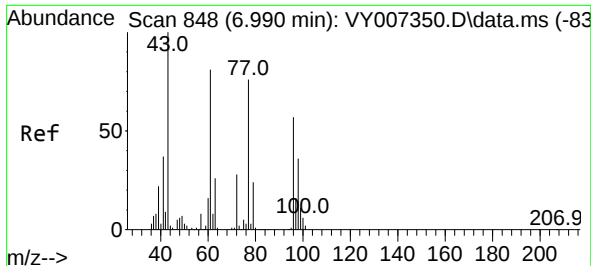
Tgt Ion: 43 Resp: 126230
Ion Ratio Lower Upper
43 100
72 27.7 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 45.959 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 77 Resp: 121079
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.739 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

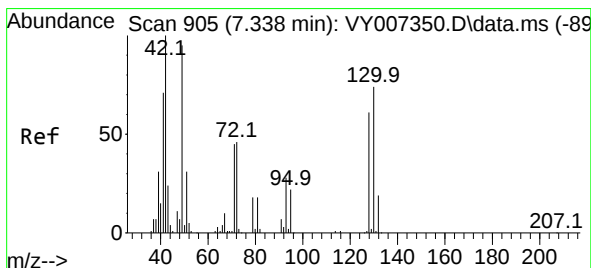
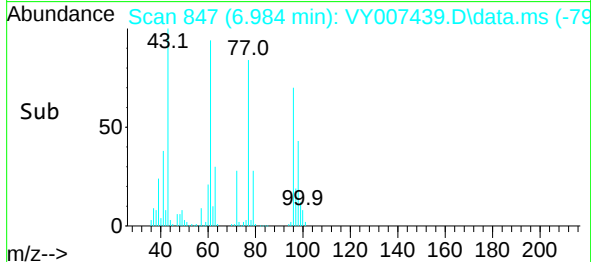
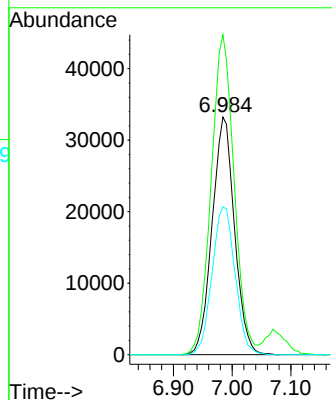
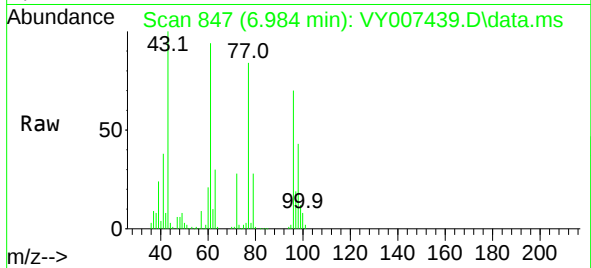
Tgt Ion: 96 Resp: 87826

Ion Ratio Lower Upper

96 100

61 137.9 0.0 319.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 52.701 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

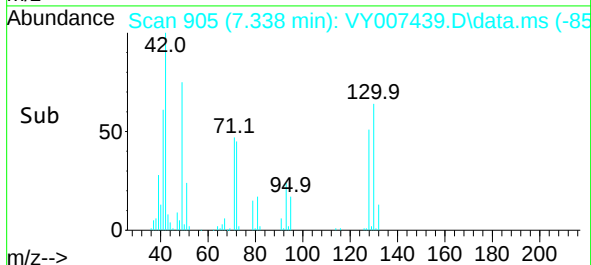
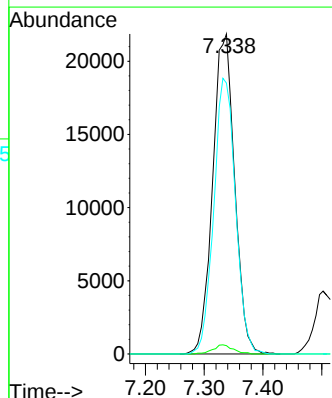
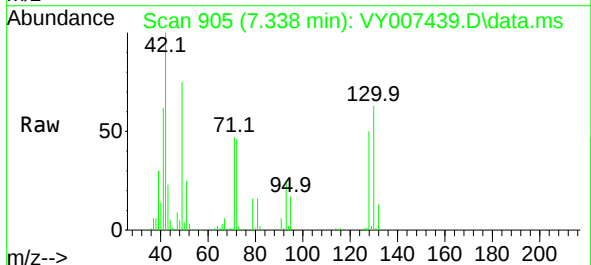
Tgt Ion: 49 Resp: 56736

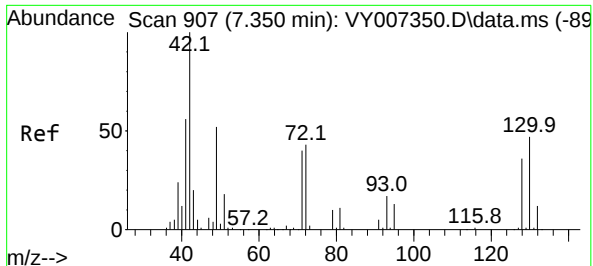
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

130 85.2 55.4 83.0#





#29

Tetrahydrofuran

Concen: 263.636 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

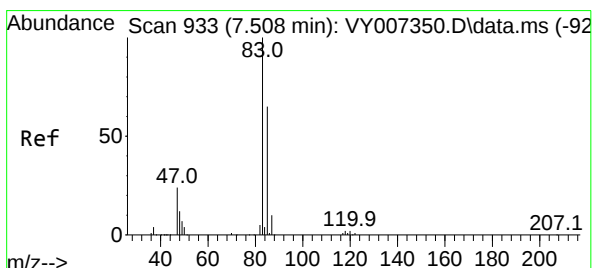
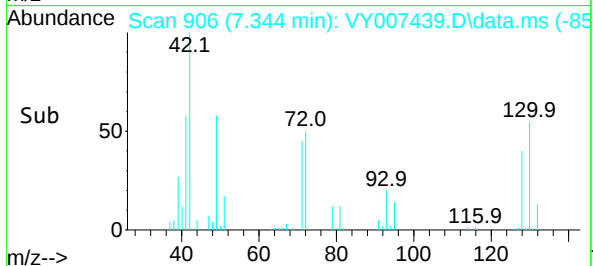
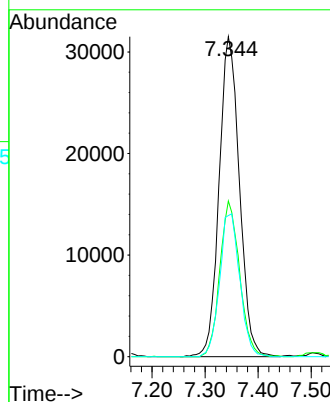
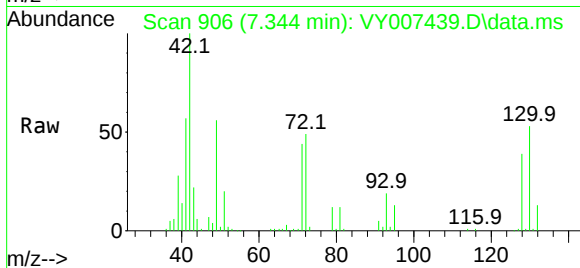
Tgt Ion: 42 Resp: 83682

Ion Ratio Lower Upper

42 100

72 47.4 30.3 45.5#

71 44.5 29.0 43.4#



#30

Chloroform

Concen: 50.288 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY007439.D

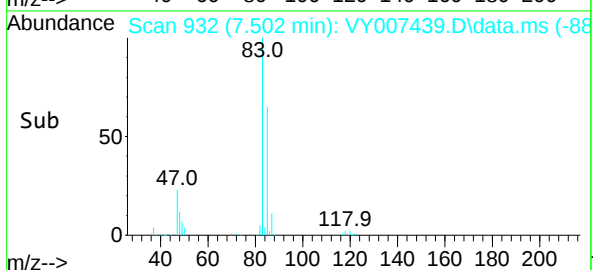
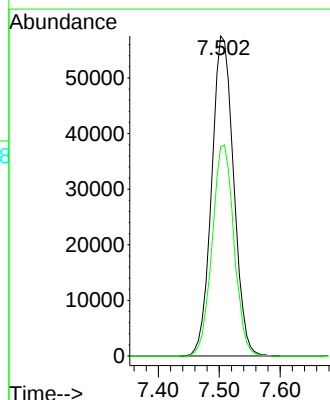
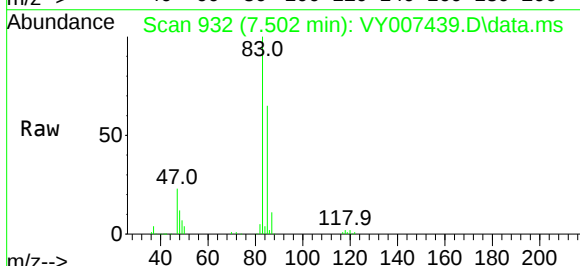
Acq: 08 Feb 2022 17:29

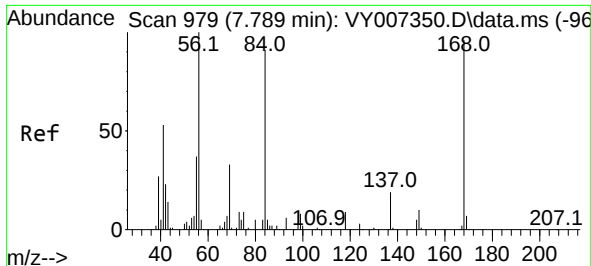
Tgt Ion: 83 Resp: 144032

Ion Ratio Lower Upper

83 100

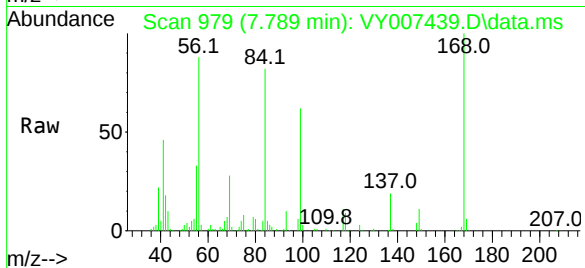
85 65.5 51.8 77.6



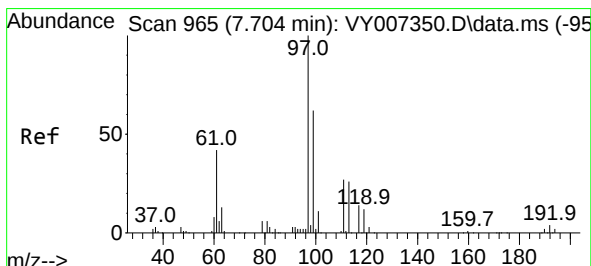
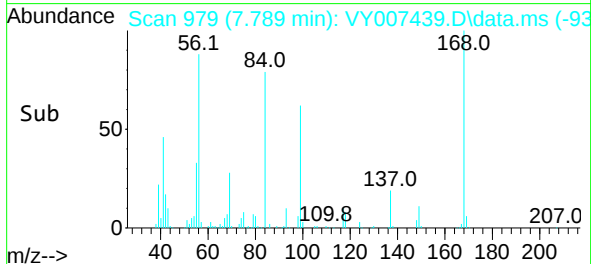
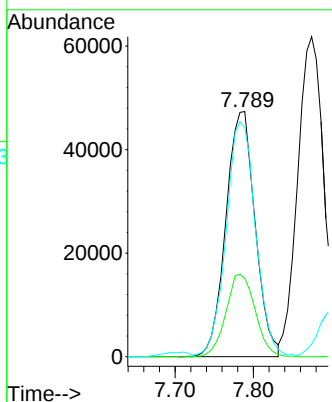


#31
Cyclohexane
Concen: 45.064 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

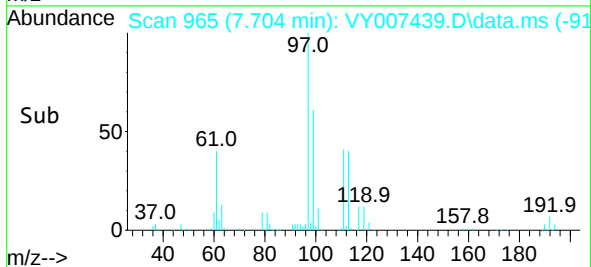
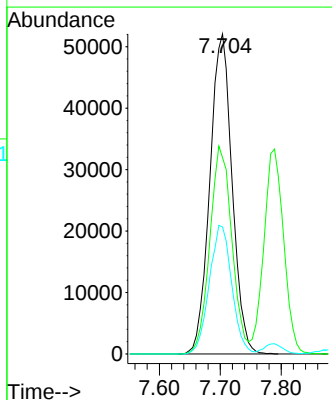
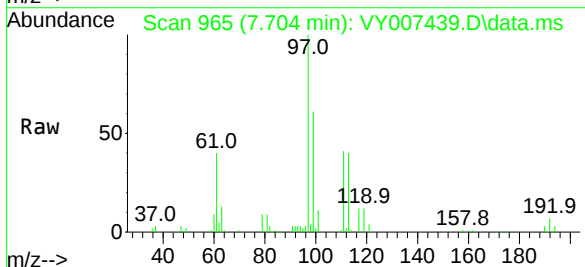


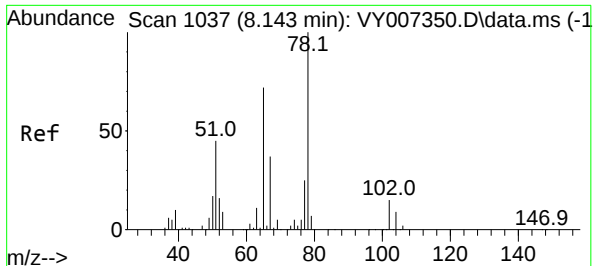
Tgt Ion: 56 Resp: 123094
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 91.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.604 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 97 Resp: 132042
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 40.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

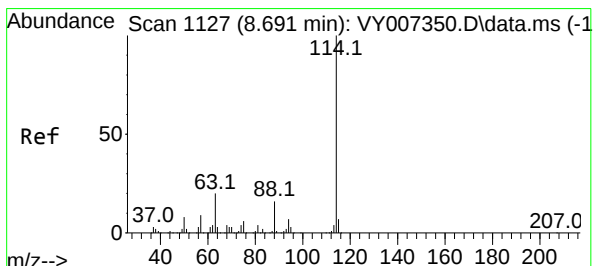
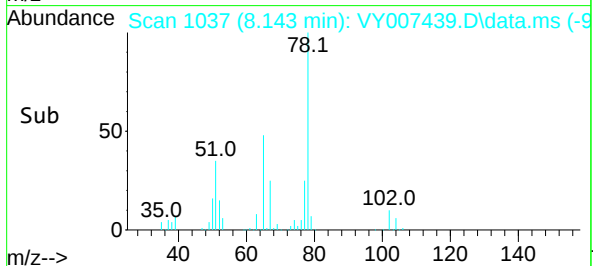
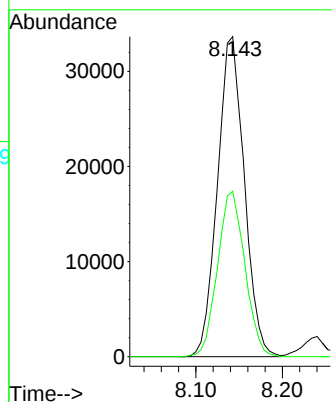
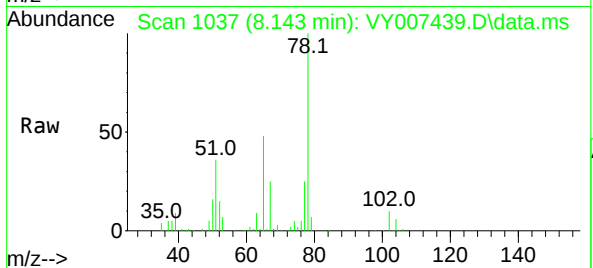
VSTDCCC050EC

Tgt Ion: 65 Resp: 72478

Ion Ratio Lower Upper

65 100

67 52.6 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: VY007439.D

Acq: 08 Feb 2022 17:29

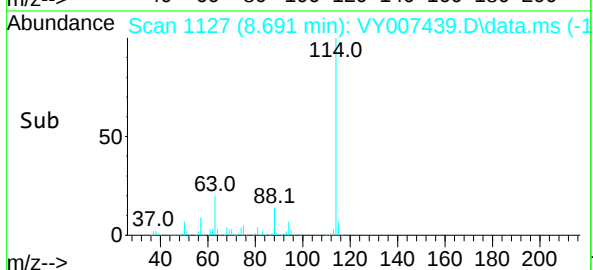
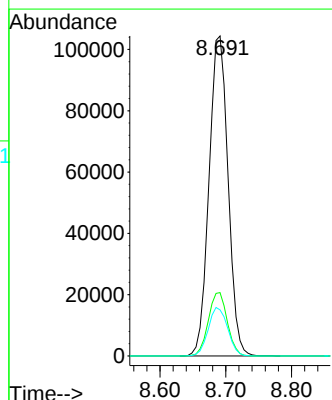
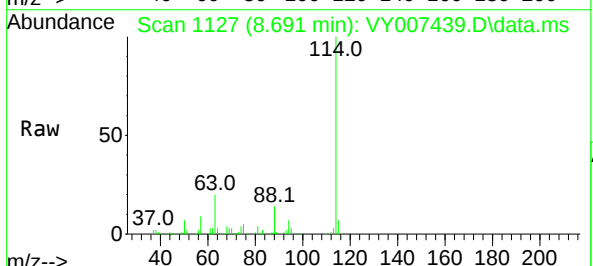
Tgt Ion: 114 Resp: 210178

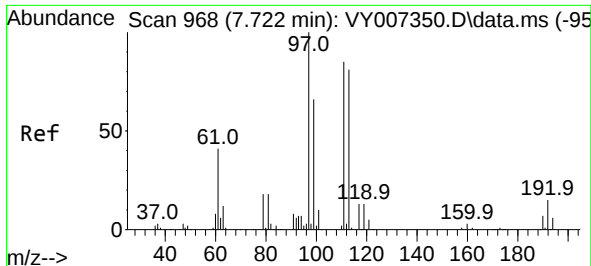
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.4 0.0 31.8

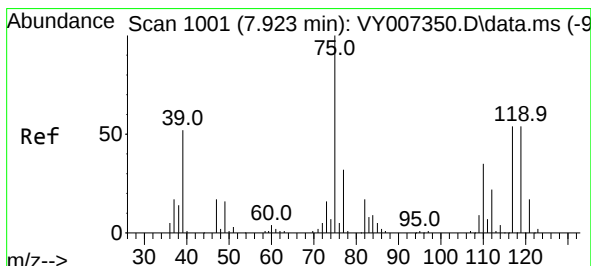
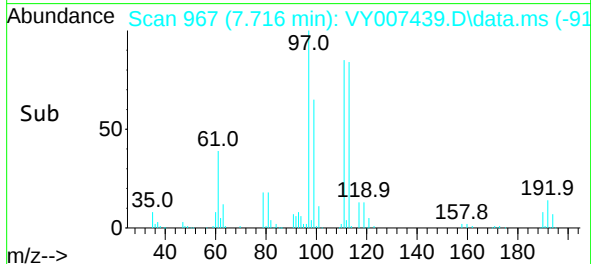
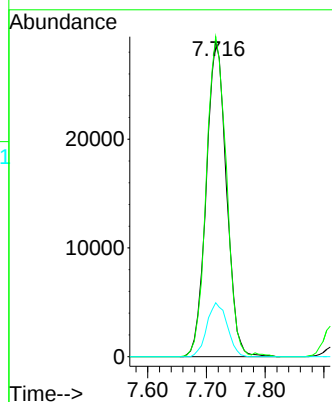
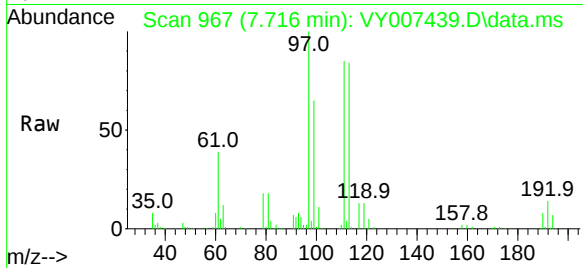




#35
Dibromofluoromethane
Concen: 51.184 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

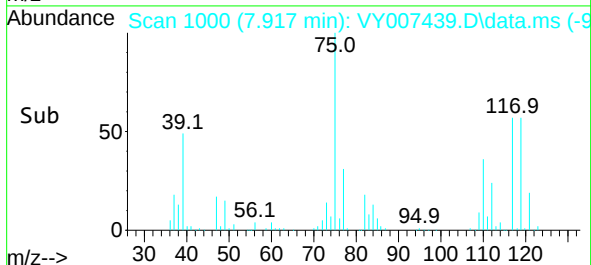
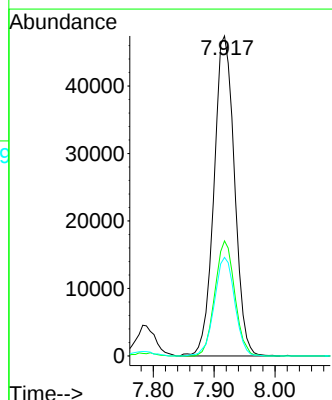
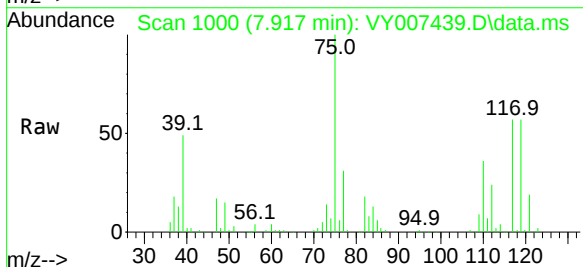
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

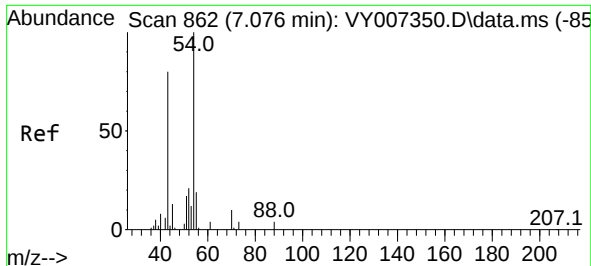
Tgt Ion:113 Resp: 69079
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 17.3 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 46.909 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 75 Resp: 110682
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 48.996 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

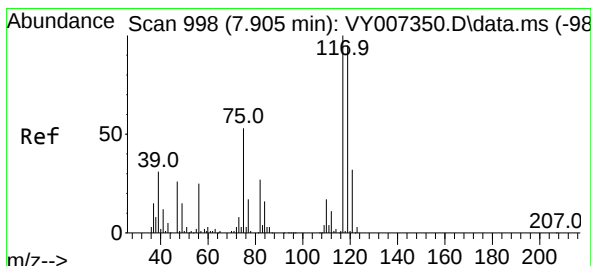
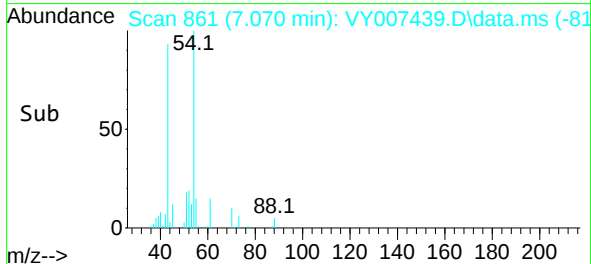
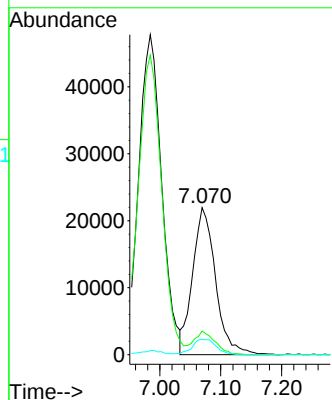
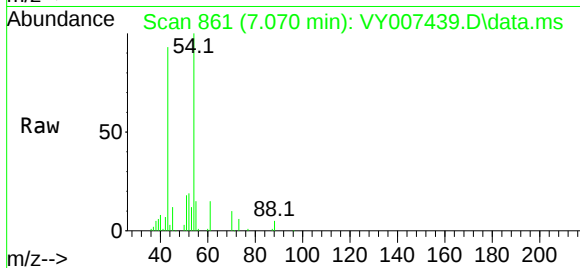
Tgt Ion: 43 Resp: 57474

Ion Ratio Lower Upper

43 100

61 14.5 9.7 14.5

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 48.536 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

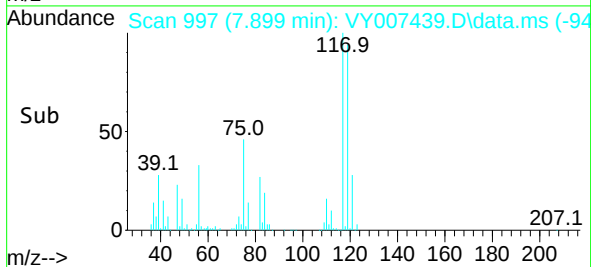
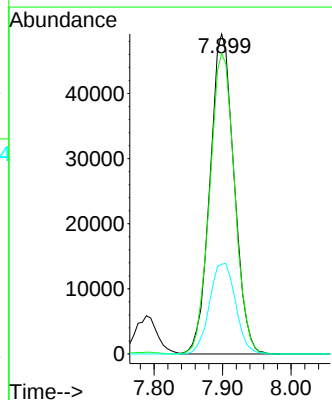
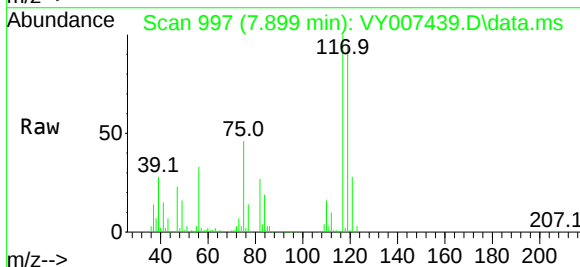
Tgt Ion: 117 Resp: 120314

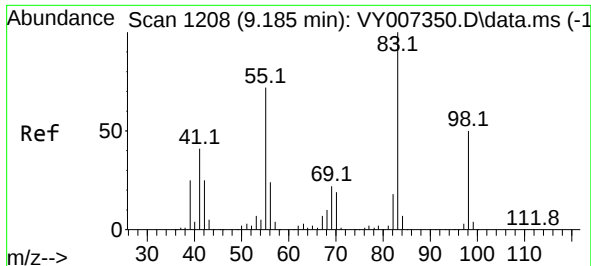
Ion Ratio Lower Upper

117 100

119 93.9 77.9 116.9

121 28.0 24.8 37.2

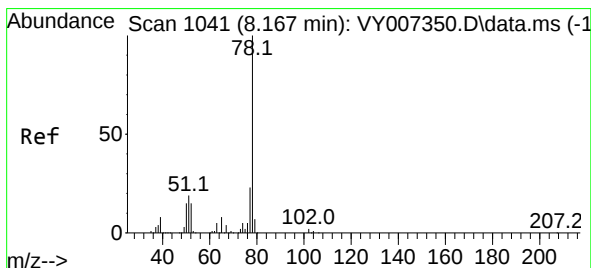
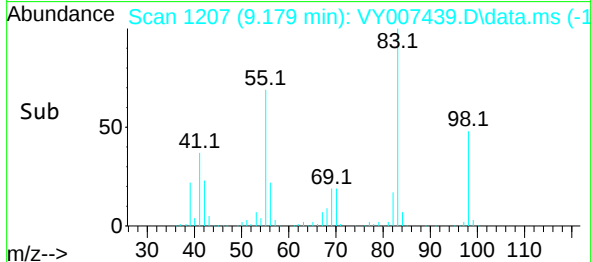
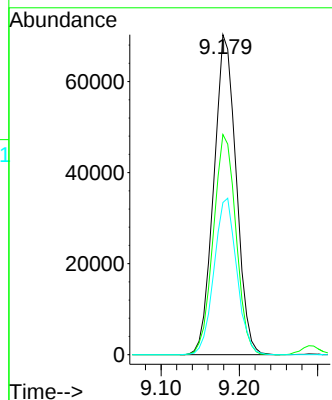
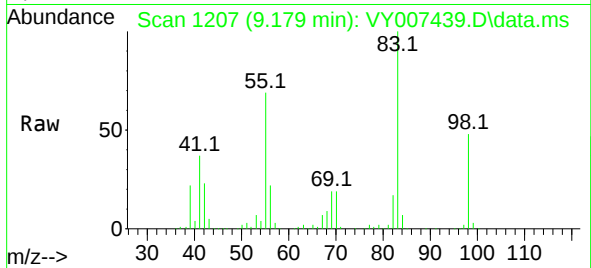




#39
Methylcyclohexane
Concen: 47.159 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

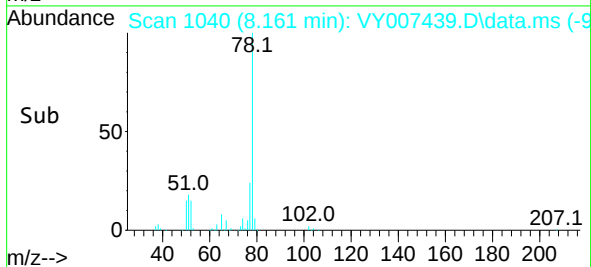
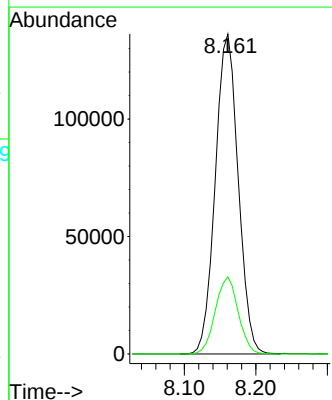
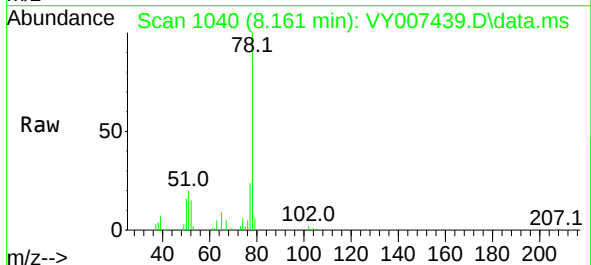
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

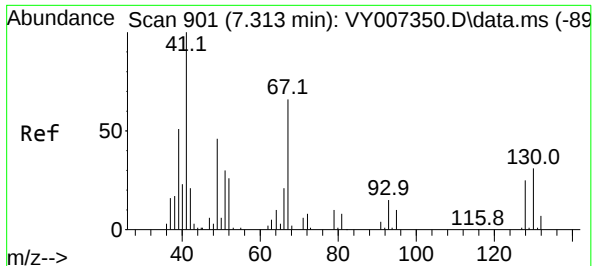
Tgt Ion: 83 Resp: 139738
Ion Ratio Lower Upper
83 100
55 68.8 66.5 99.7
98 47.6 37.9 56.9



#40
Benzene
Concen: 48.400 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 78 Resp: 302700
Ion Ratio Lower Upper
78 100
77 24.1 20.4 30.6

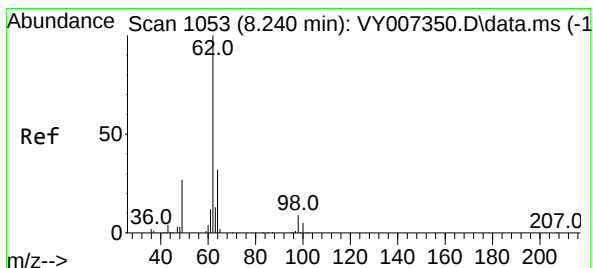
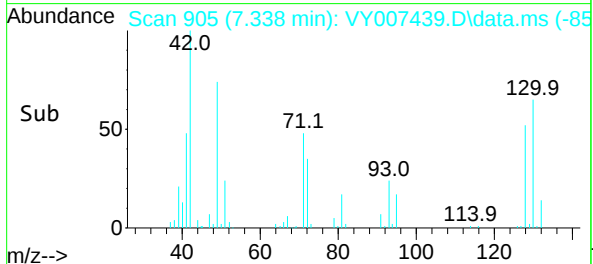
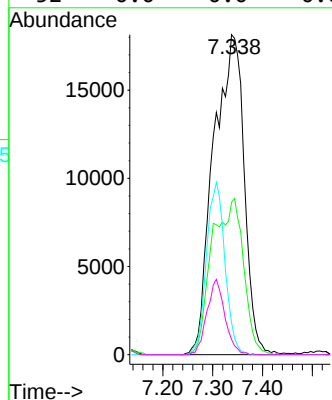
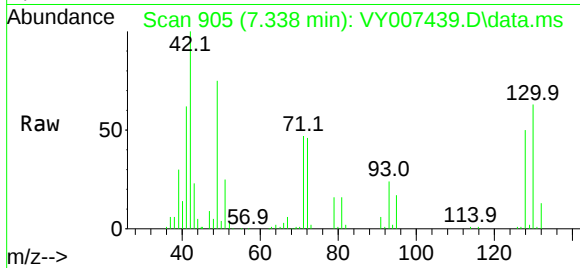




#41
Methacrylonitrile
Concen: 132.028 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

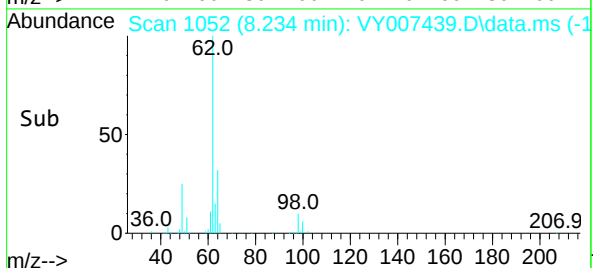
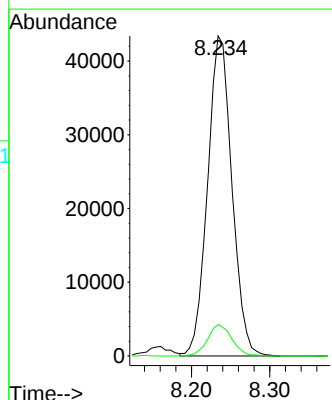
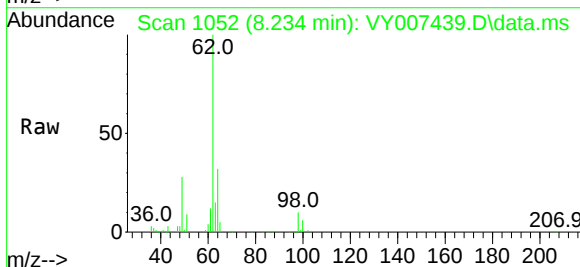
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

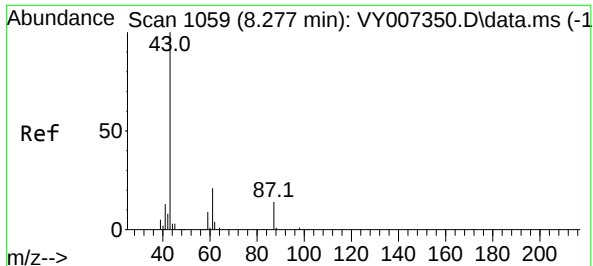
Tgt Ion: 41 Resp: 76961
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.248 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 62 Resp: 93629
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8

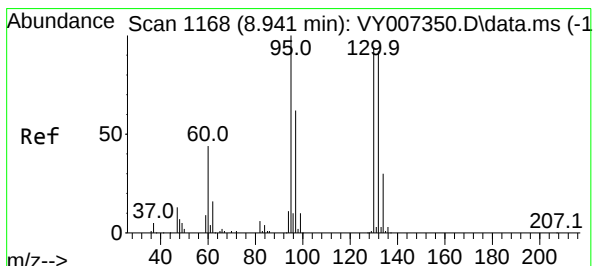
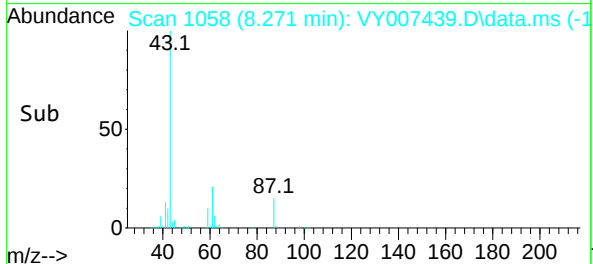
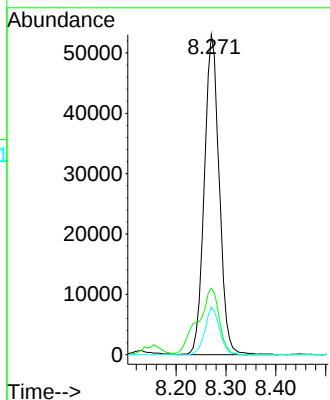
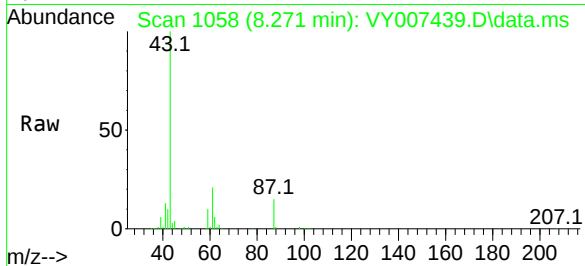




#43
Isopropyl Acetate
Concen: 50.160 ug/l
RT: 8.271 min Scan# 11037
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

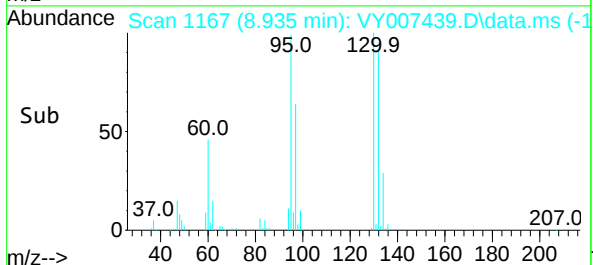
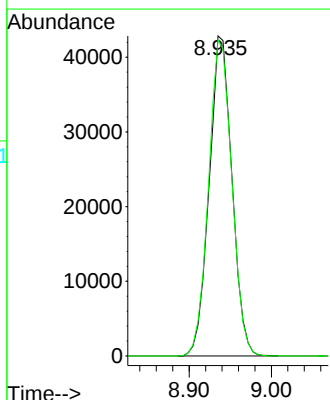
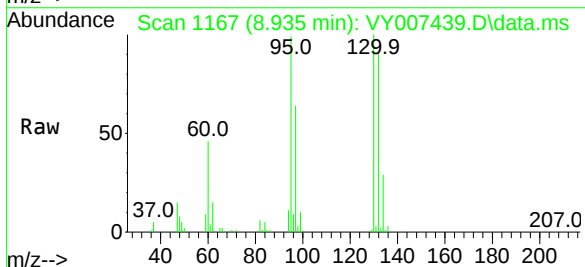
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

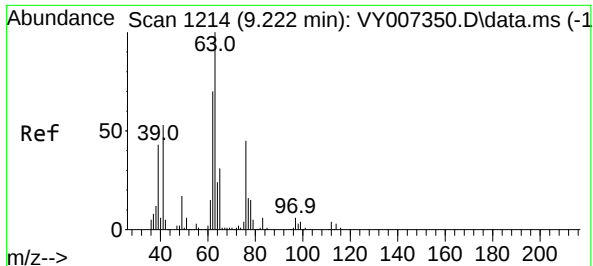
Tgt Ion: 43 Resp: 110037
Ion Ratio Lower Upper
43 100
61 29.7 20.2 30.2
87 14.4 8.9 13.3#



#44
Trichloroethene
Concen: 48.779 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion:130 Resp: 82486
Ion Ratio Lower Upper
130 100
95 98.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.366 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

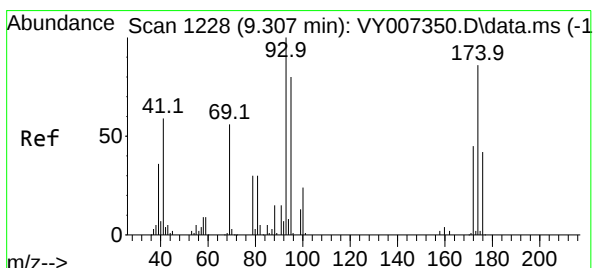
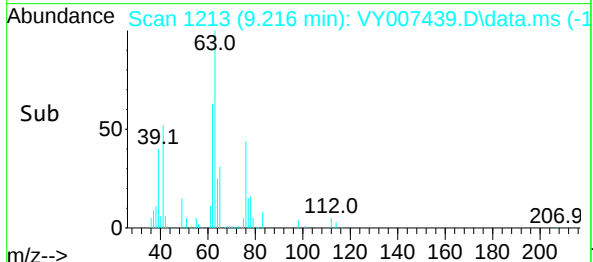
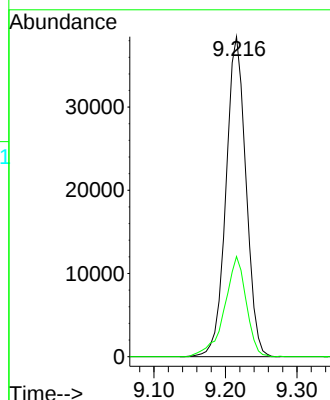
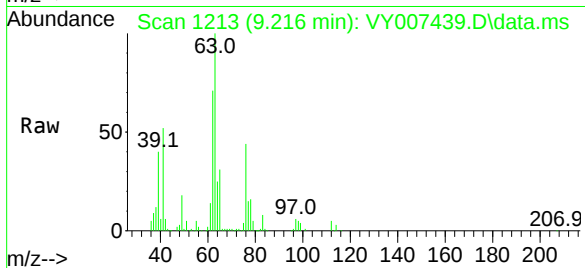
VSTDCCC050EC

Tgt Ion: 63 Resp: 74589

Ion Ratio Lower Upper

63 100

65 31.3 23.0 34.6



#46

Dibromomethane

Concen: 51.148 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

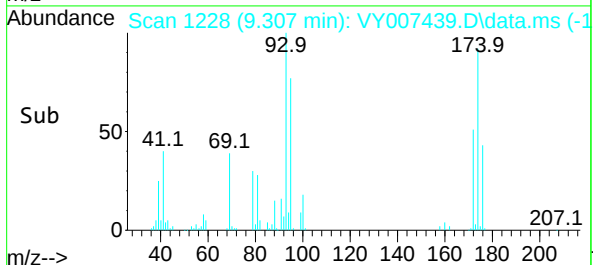
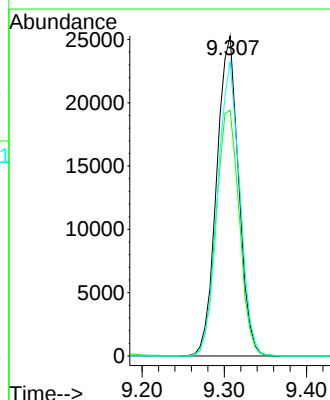
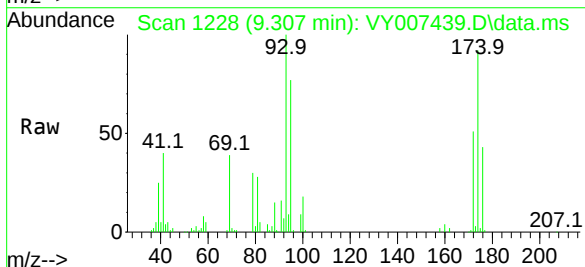
Tgt Ion: 93 Resp: 46929

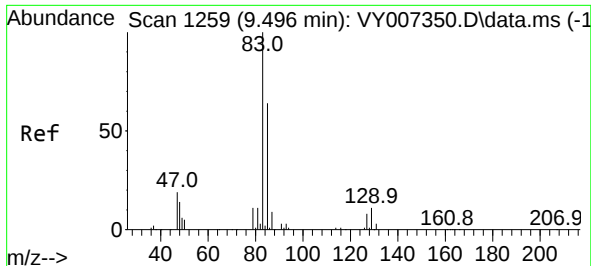
Ion Ratio Lower Upper

93 100

95 81.0 64.3 96.5

174 92.0 83.4 125.0

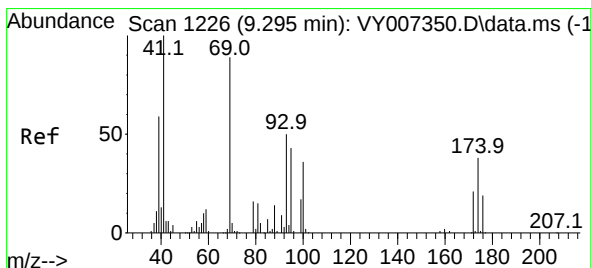
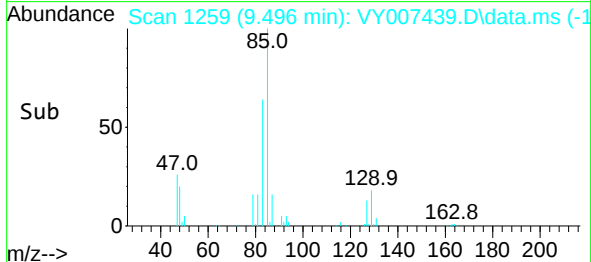
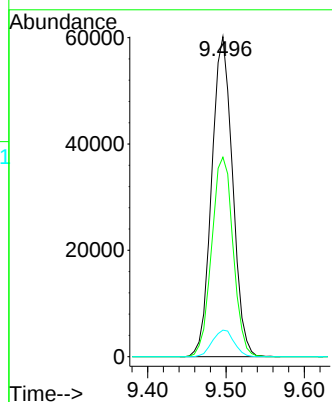
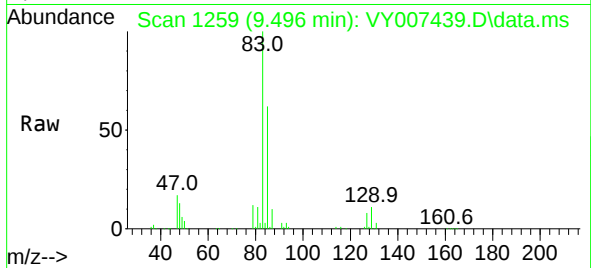




#47
Bromodichloromethane
Concen: 50.075 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

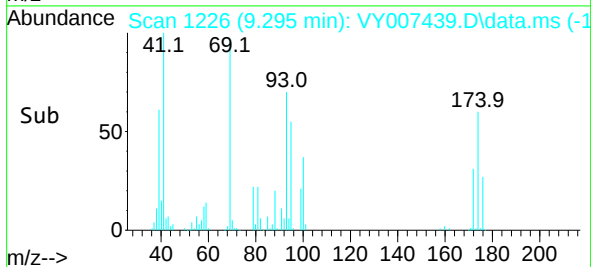
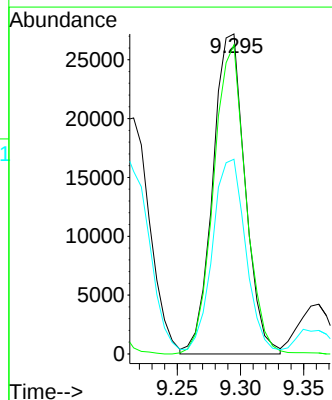
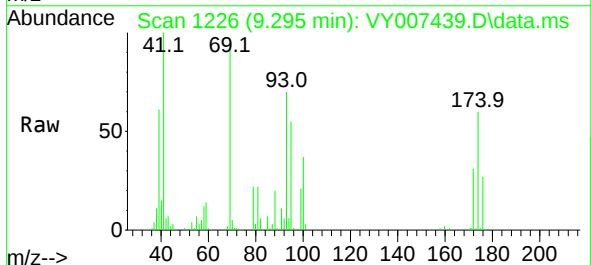
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

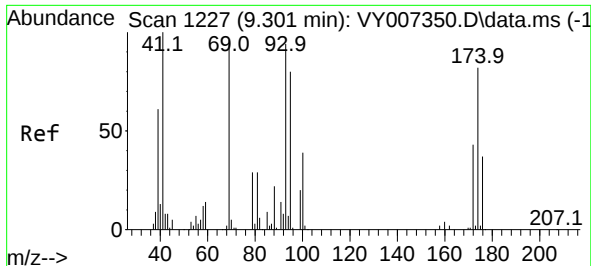
Tgt Ion: 83 Resp: 111103
Ion Ratio Lower Upper
83 100
85 62.4 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 48.726 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 41 Resp: 48340
Ion Ratio Lower Upper
41 100
69 95.9 58.2 87.2#
39 60.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1244.437 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

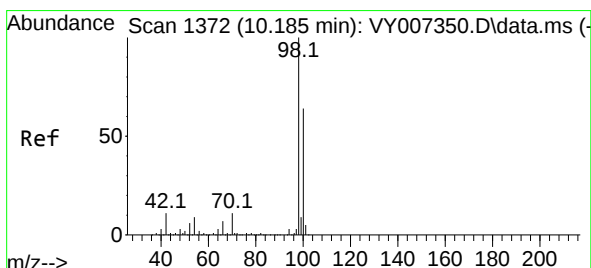
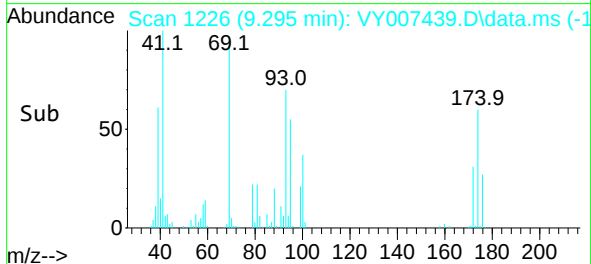
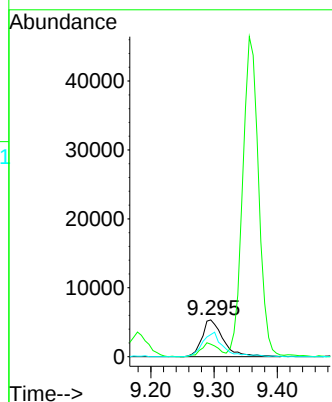
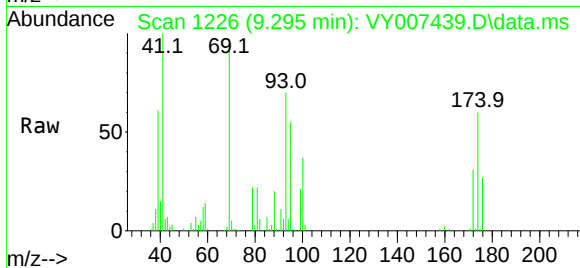
Tgt Ion: 88 Resp: 12507

Ion Ratio Lower Upper

88 100

43 30.8 32.8 49.2#

58 65.0 59.8 89.6



#50

Toluene-d8

Concen: 50.620 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007439.D

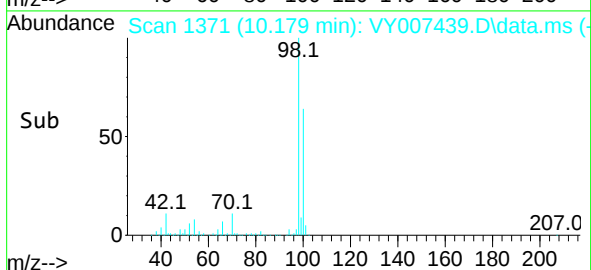
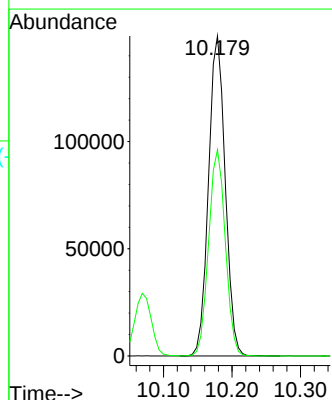
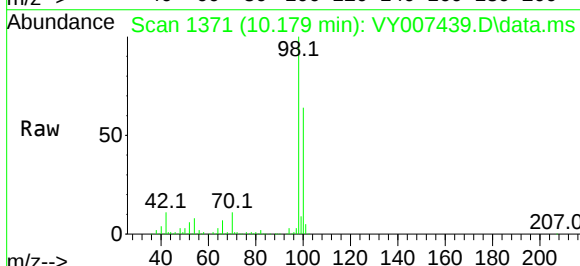
Acq: 08 Feb 2022 17:29

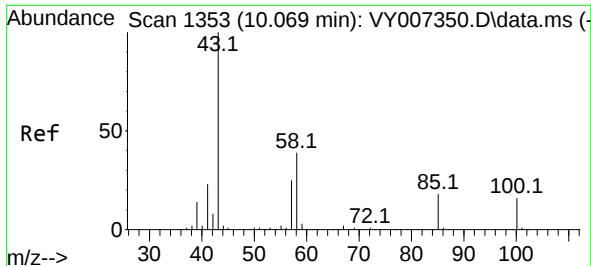
Tgt Ion: 98 Resp: 252405

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2

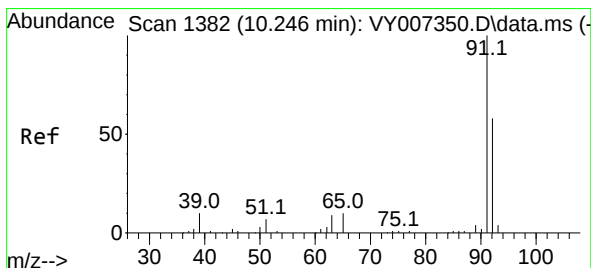
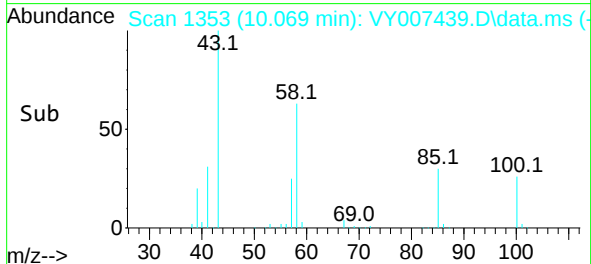
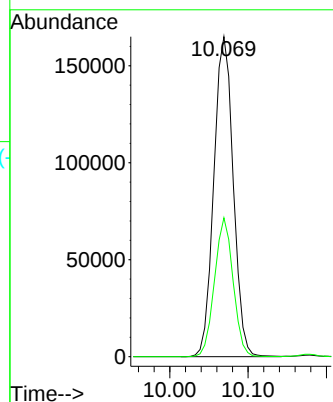
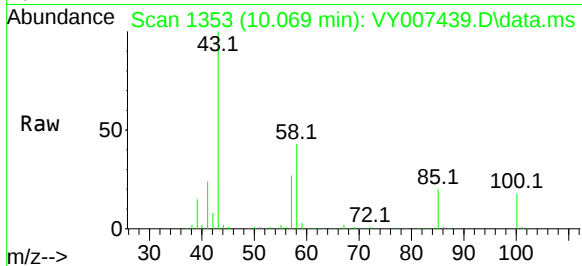




#51
4-Methyl-2-Pentanone
Concen: 255.483 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

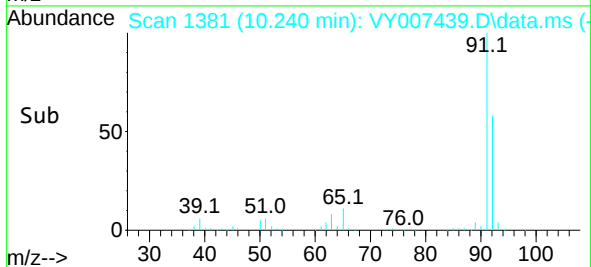
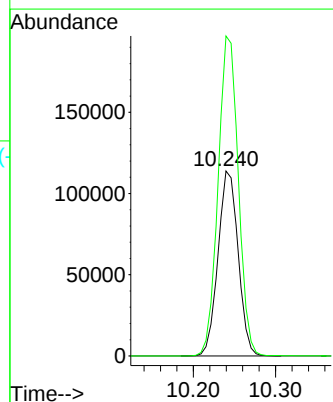
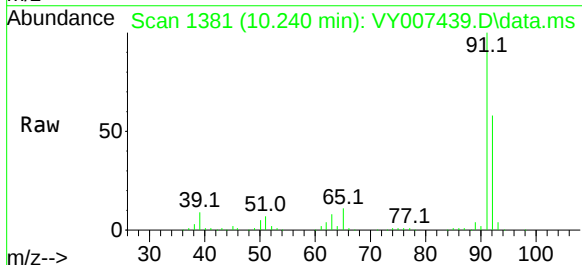
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

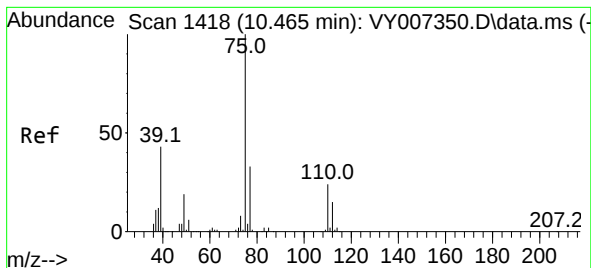
Tgt Ion: 43 Resp: 284245
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 49.180 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 92 Resp: 193795
Ion Ratio Lower Upper
92 100
91 173.8 142.6 213.8

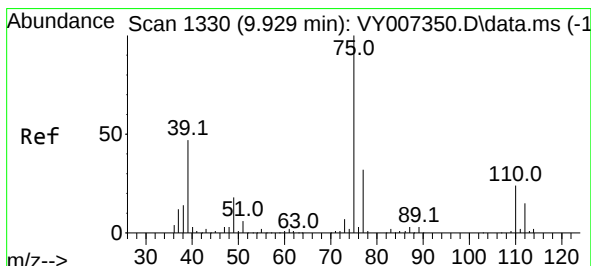
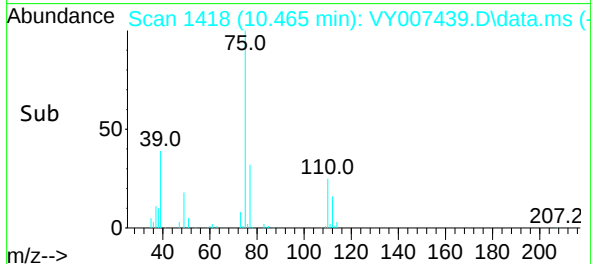
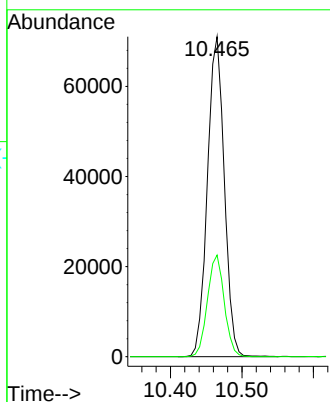
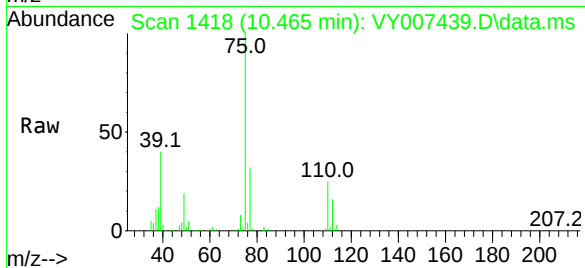




#53
t-1,3-Dichloropropene
Concen: 50.220 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

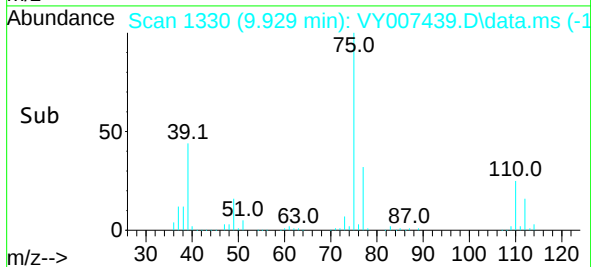
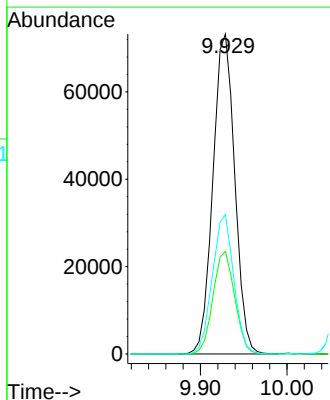
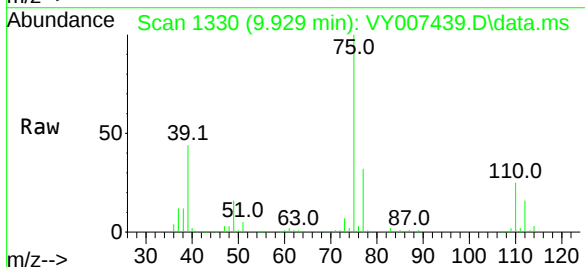
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

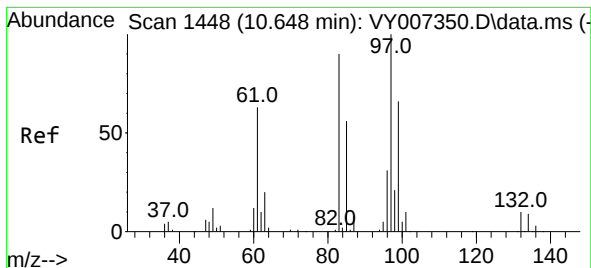
Tgt Ion: 75 Resp: 116403
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.391 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 75 Resp: 128228
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 43.6 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 52.000 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 62661

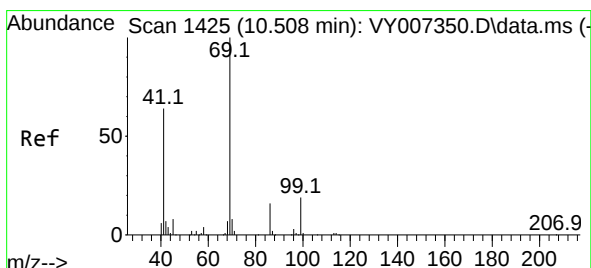
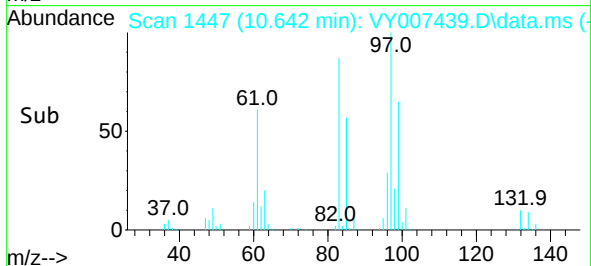
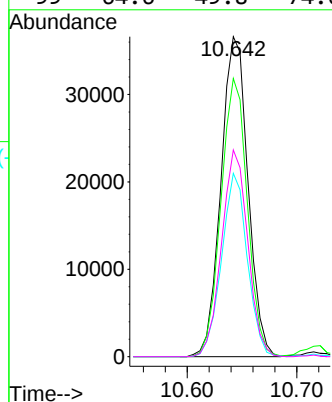
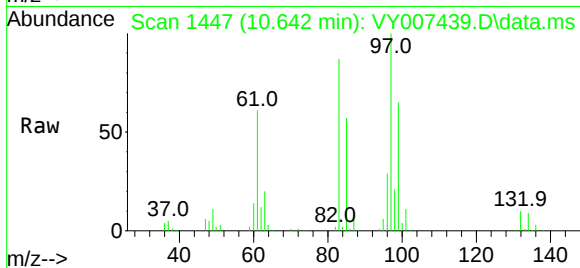
Ion Ratio Lower Upper

97 100

83 86.9 69.8 104.8

85 57.3 44.3 66.5

99 64.6 49.8 74.6



#56

Ethyl methacrylate

Concen: 52.774 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

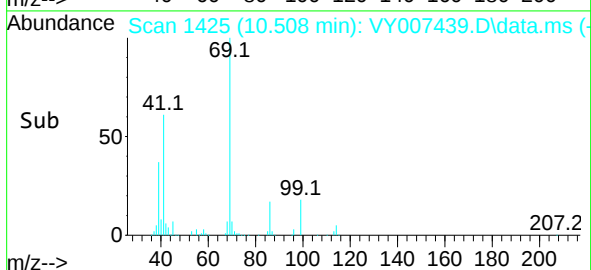
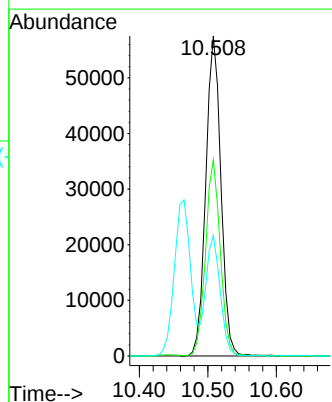
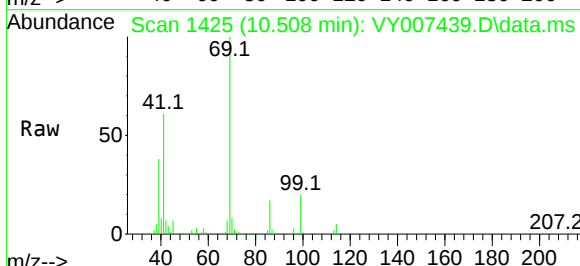
Tgt Ion: 69 Resp: 88328

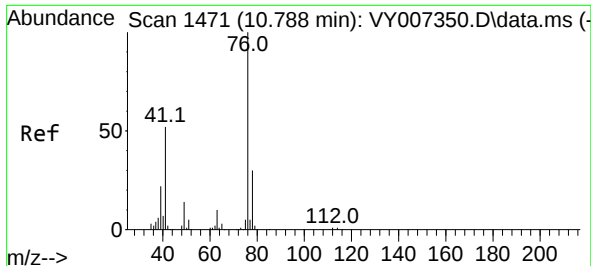
Ion Ratio Lower Upper

69 100

41 59.8 63.4 95.0#

39 36.7 35.8 53.8





#57

1,3-Dichloropropane

Concen: 51.084 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

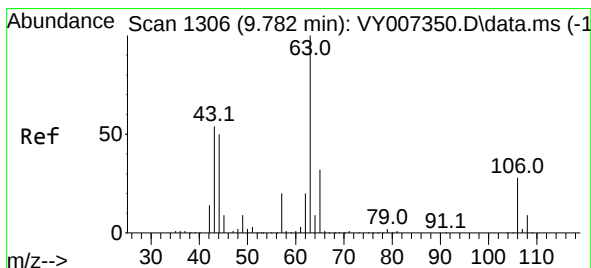
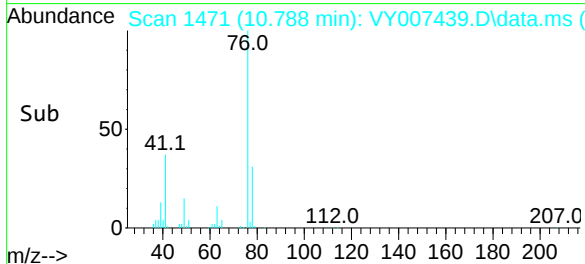
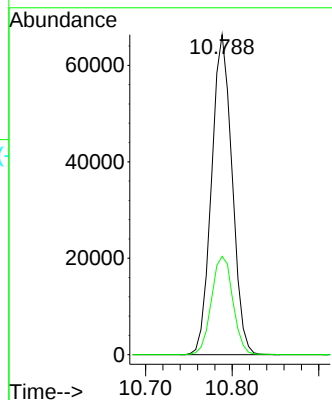
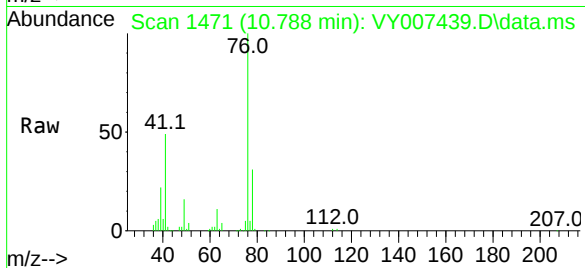
VSTDCCC050EC

Tgt Ion: 76 Resp: 109142

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 272.019 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007439.D

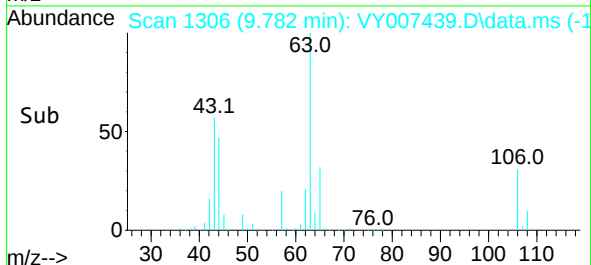
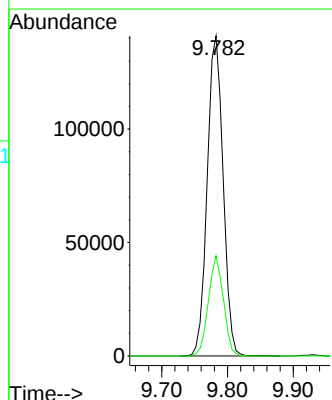
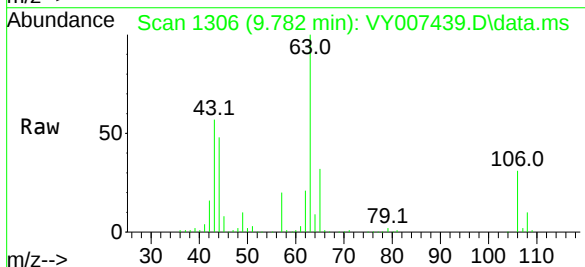
Acq: 08 Feb 2022 17:29

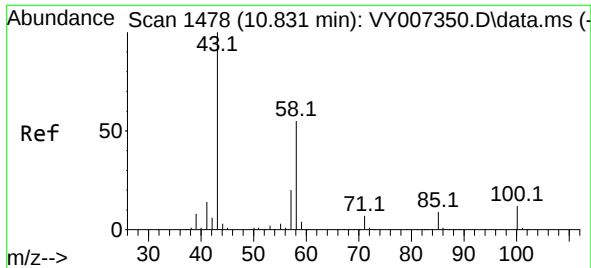
Tgt Ion: 63 Resp: 236829

Ion Ratio Lower Upper

63 100

106 29.5 21.5 32.3

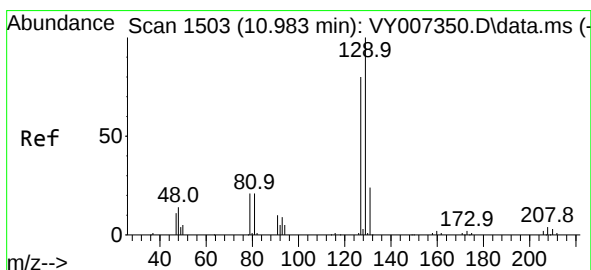
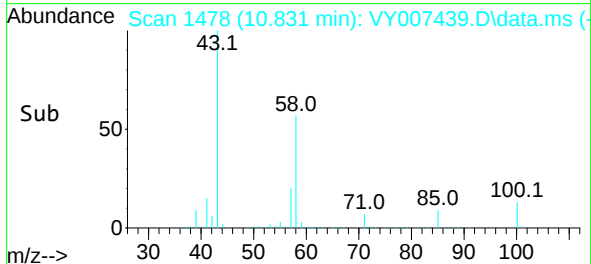
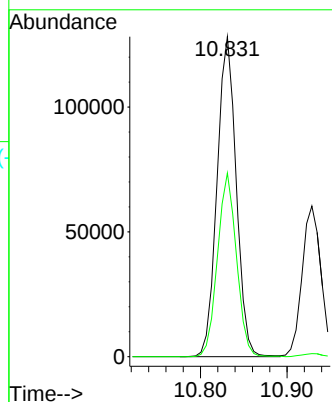
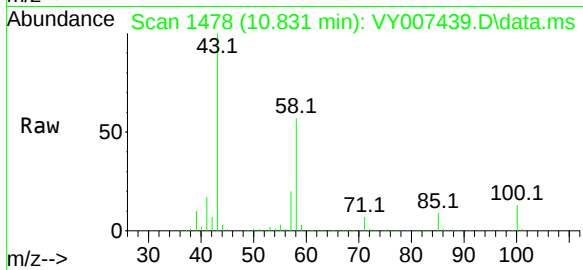




#59
2-Hexanone
Concen: 242.782 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

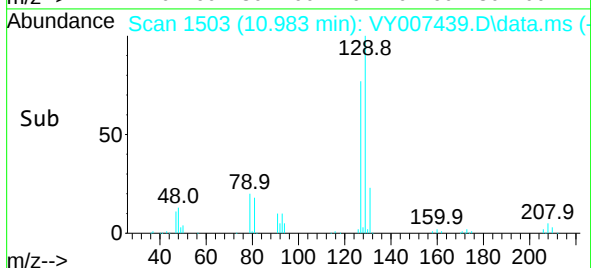
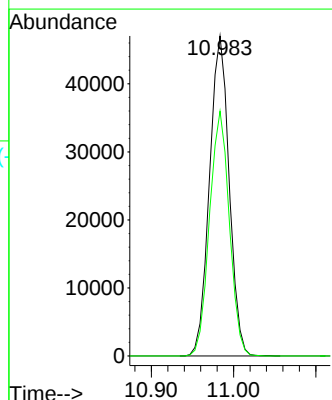
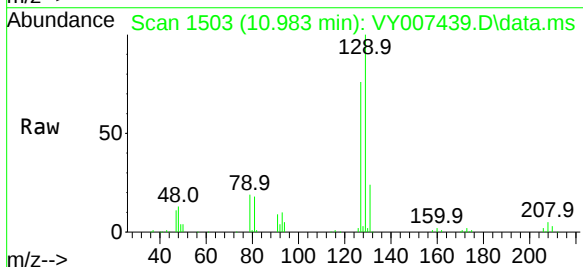
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

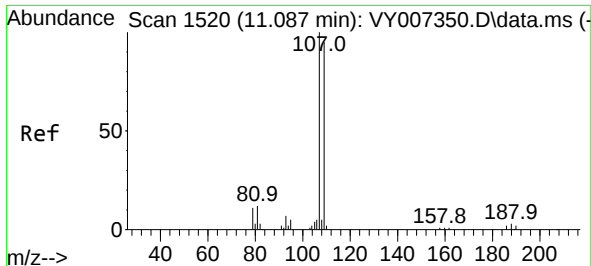
Tgt Ion: 43 Resp: 196925
Ion Ratio Lower Upper
43 100
58 56.7 24.4 73.4



#60
Dibromochloromethane
Concen: 52.090 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 129 Resp: 78145
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

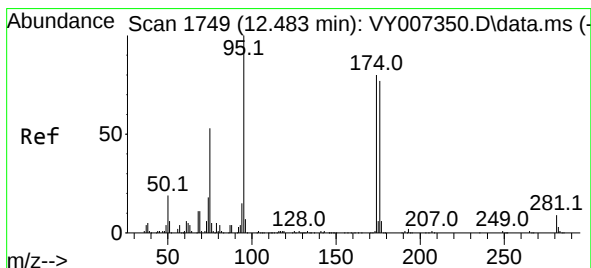
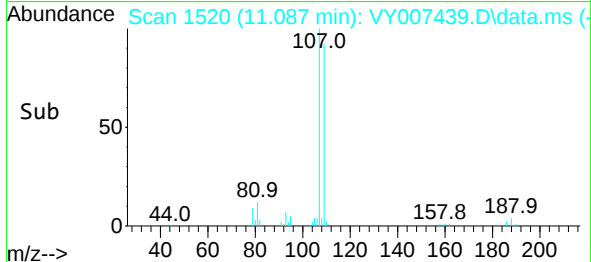
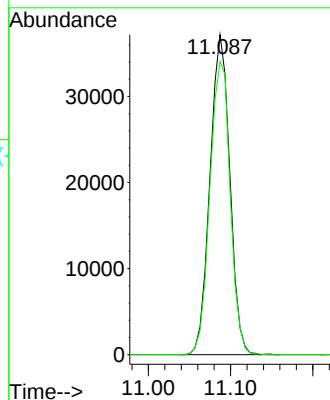
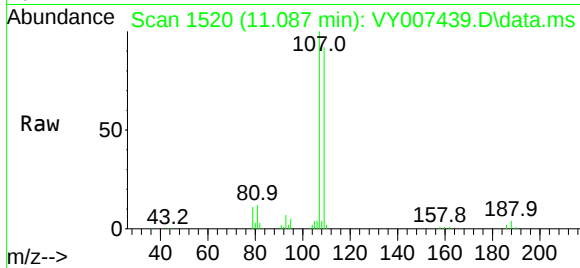




#61
1,2-Dibromoethane
Concen: 52.150 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

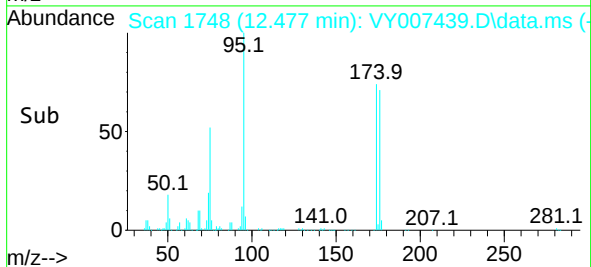
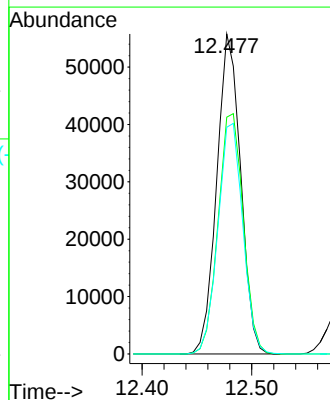
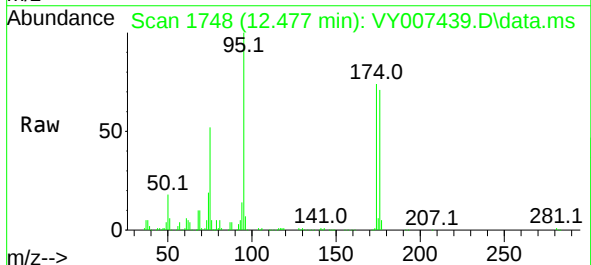
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

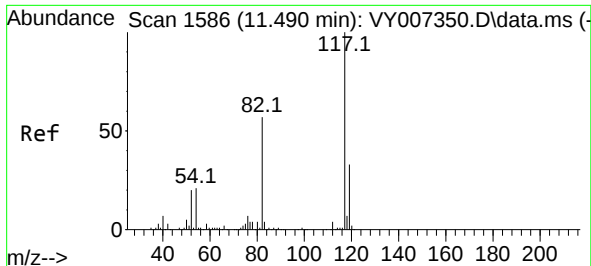
Tgt Ion:107 Resp: 62172
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.820 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 95 Resp: 84434
Ion Ratio Lower Upper
95 100
174 79.2 0.0 177.0
176 75.2 0.0 175.8

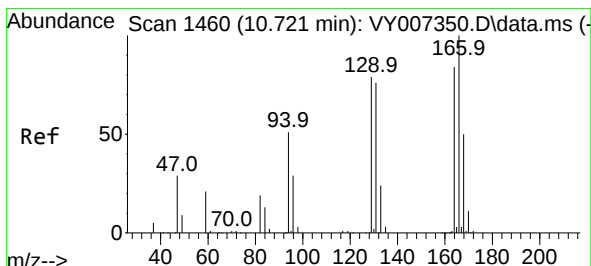
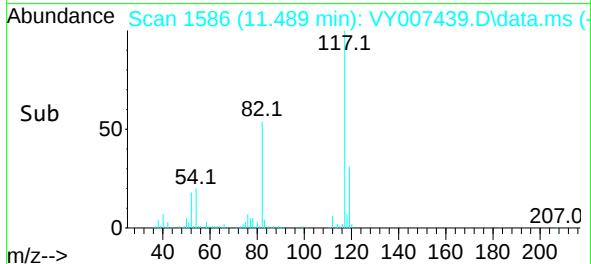
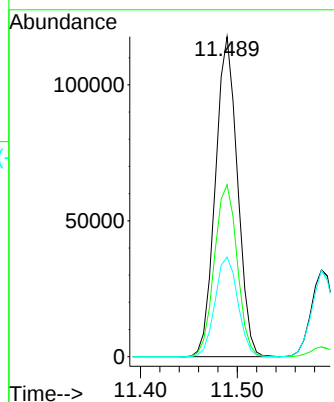
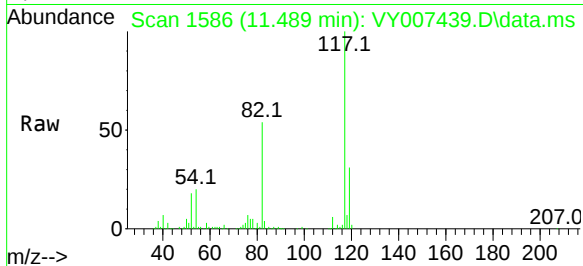




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

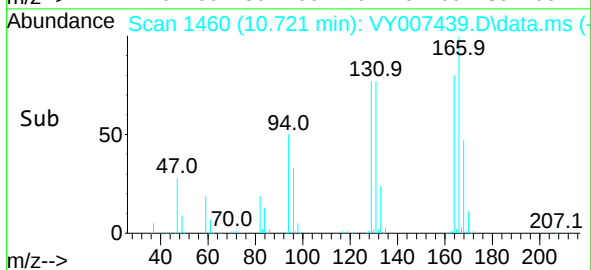
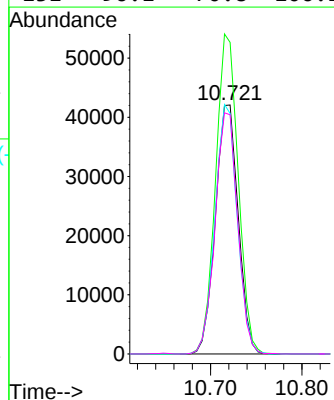
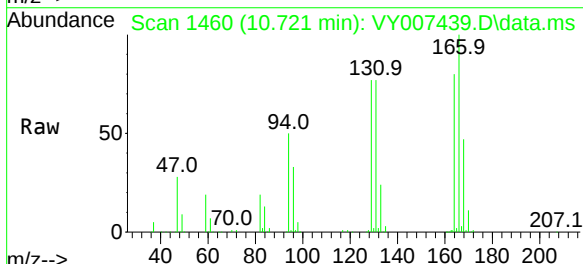
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

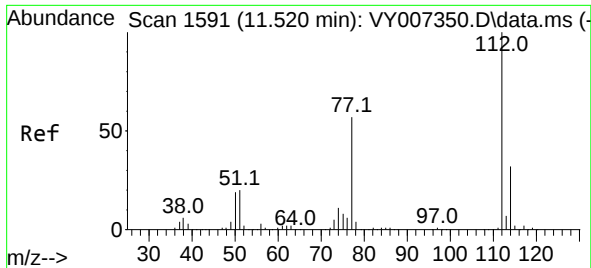
Tgt Ion:117 Resp: 186743
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.1 25.4 38.0



#64
Tetrachloroethene
Concen: 49.814 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion:164 Resp: 73003
Ion Ratio Lower Upper
164 100
166 125.1 100.4 150.6
129 96.6 71.4 107.0
131 96.1 70.8 106.2

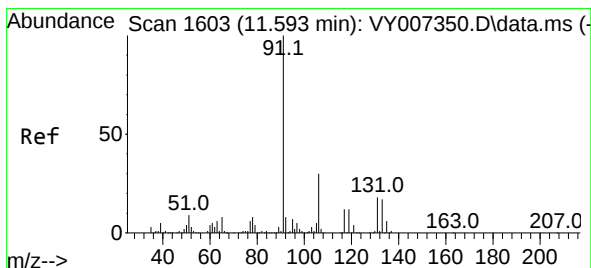
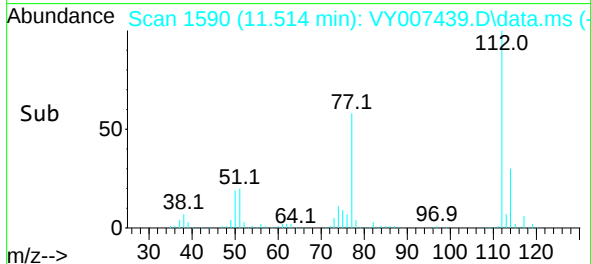
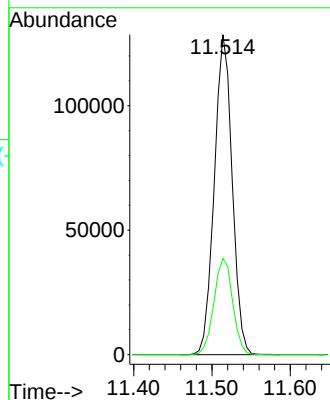
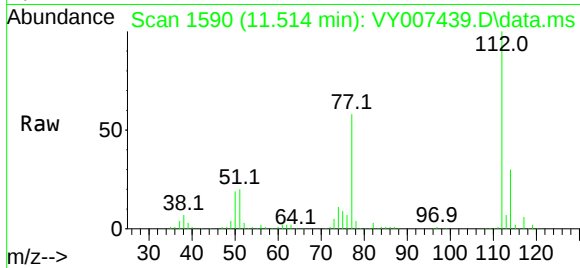




#65
Chlorobenzene
Concen: 49.004 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

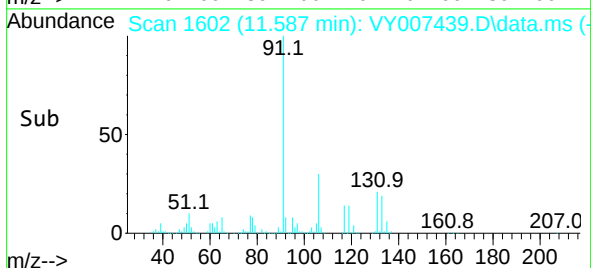
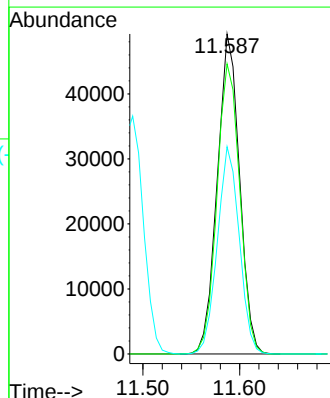
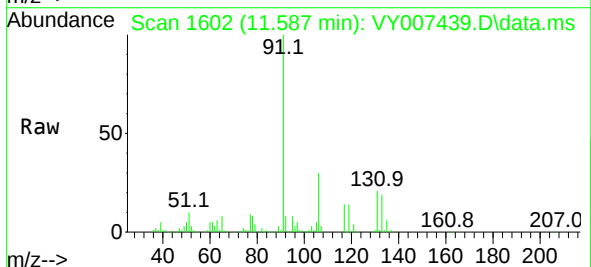
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

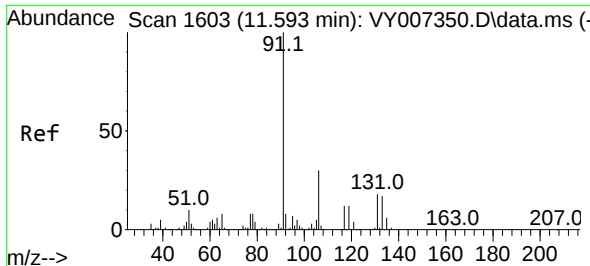
Tgt Ion:112 Resp: 203576
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.727 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion:131 Resp: 78667
Ion Ratio Lower Upper
131 100
133 92.8 47.9 143.6
119 63.8 30.8 92.3

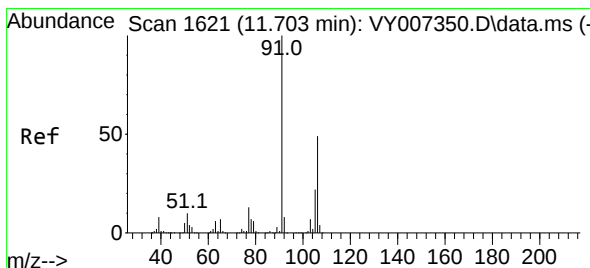
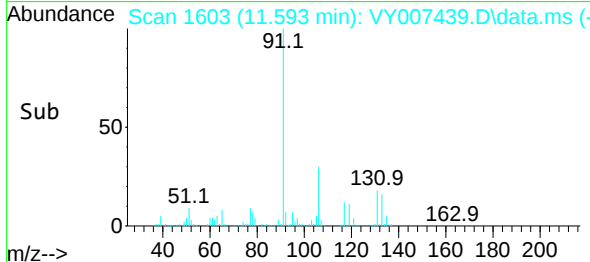
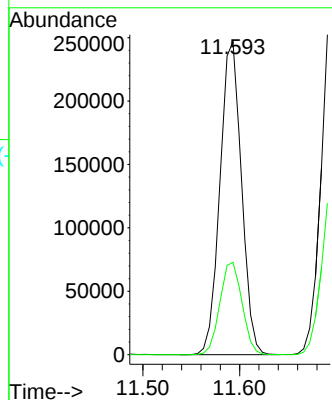
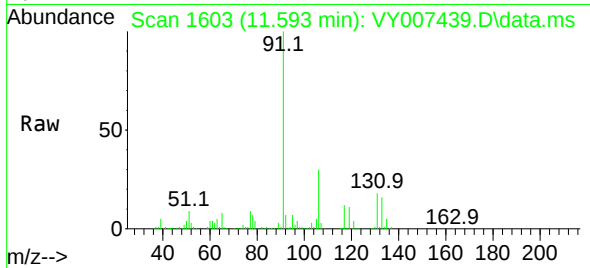




#67
Ethyl Benzene
Concen: 48.362 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

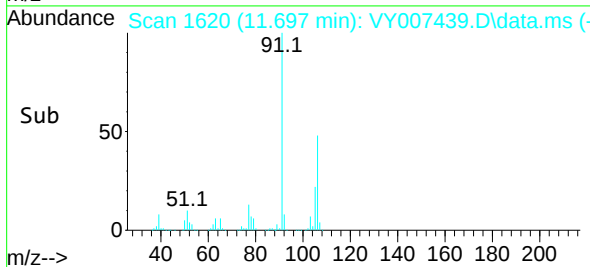
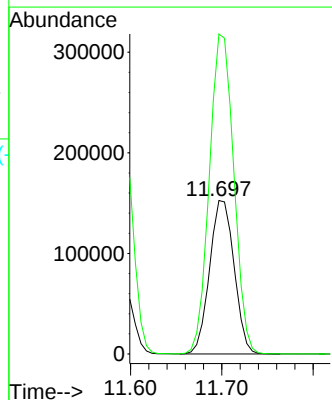
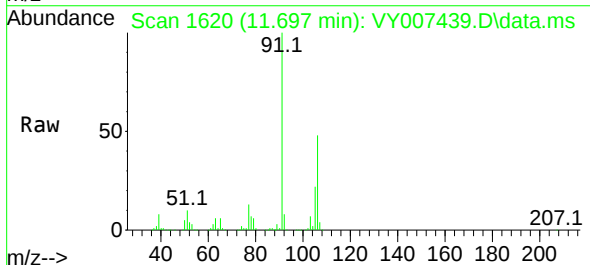
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

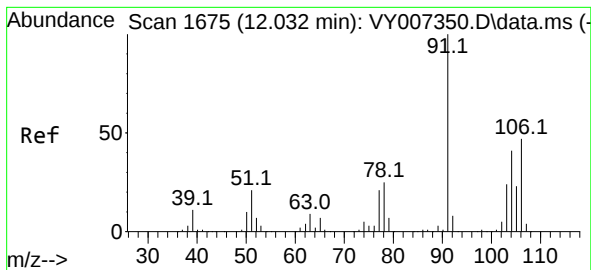
Tgt Ion: 91 Resp: 381241
Ion Ratio Lower Upper
91 100
106 29.5 24.5 36.7



#68
m/p-Xylenes
Concen: 97.483 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 106 Resp: 284620
Ion Ratio Lower Upper
106 100
91 207.9 166.6 249.8





#69

o-Xylene

Concen: 49.053 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

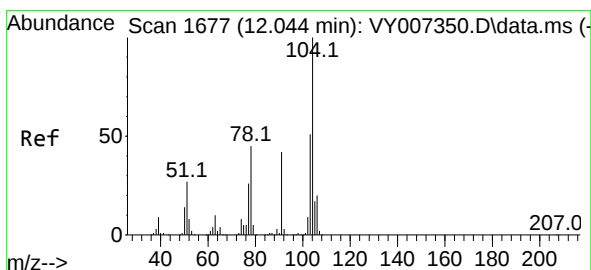
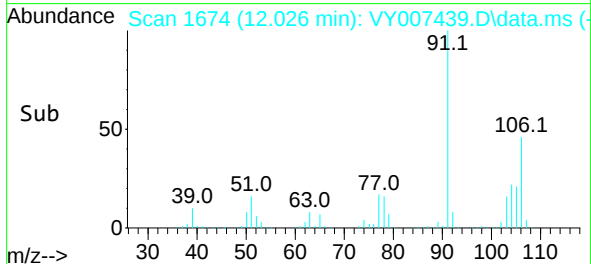
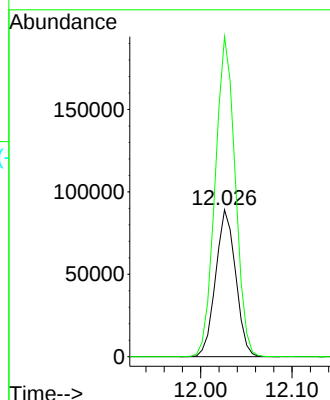
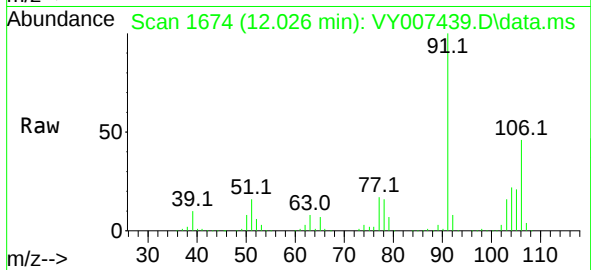
VSTDCCC050EC

Tgt Ion:106 Resp: 135408

Ion Ratio Lower Upper

106 100

91 219.0 110.3 331.0



#70

Styrene

Concen: 50.716 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

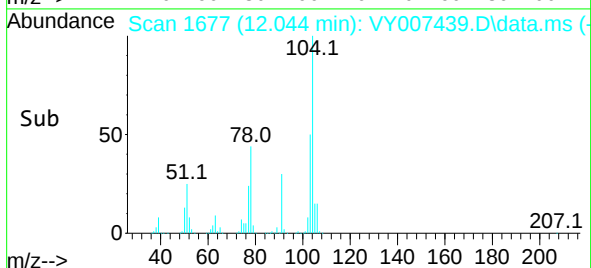
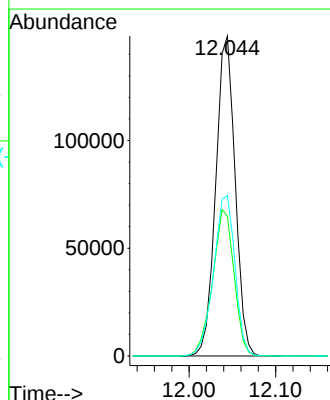
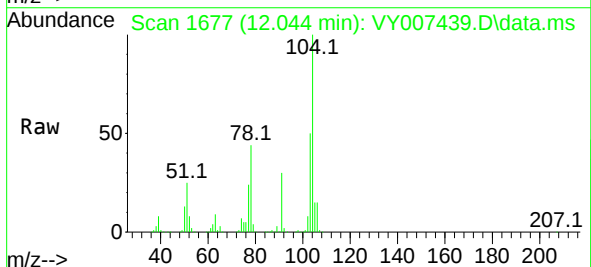
Tgt Ion:104 Resp: 230787

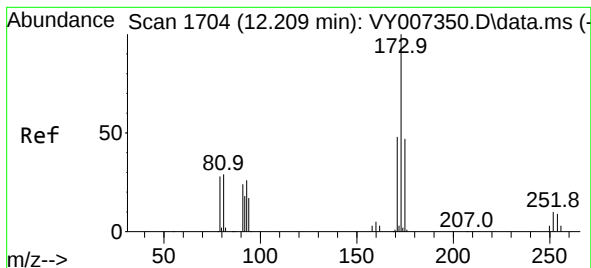
Ion Ratio Lower Upper

104 100

78 50.6 42.4 63.6

103 55.5 44.4 66.6





#71

Bromoform

Concen: 51.561 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

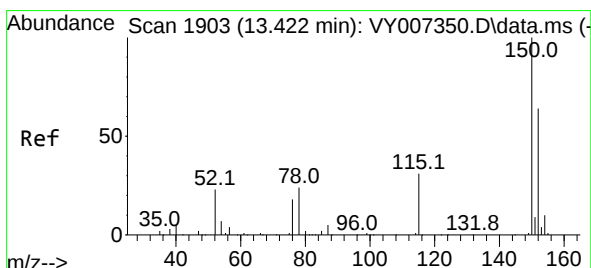
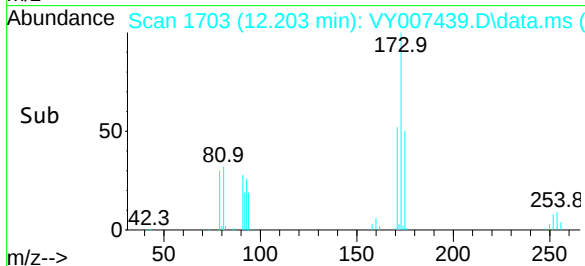
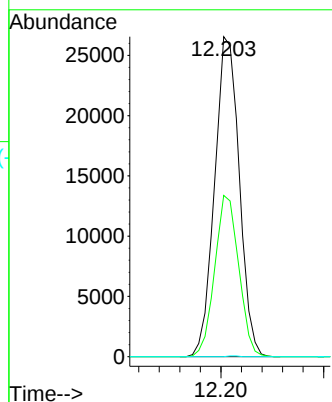
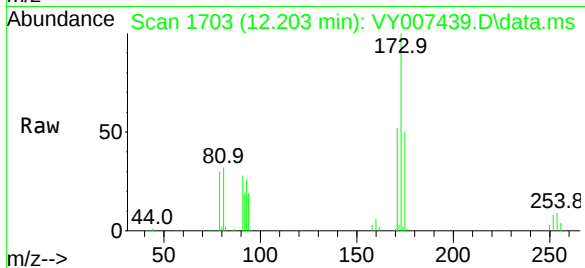
Tgt Ion:173 Resp: 44117

Ion Ratio Lower Upper

173 100

175 49.2 24.6 74.0

254 0.1 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: VY007439.D

Acq: 08 Feb 2022 17:29

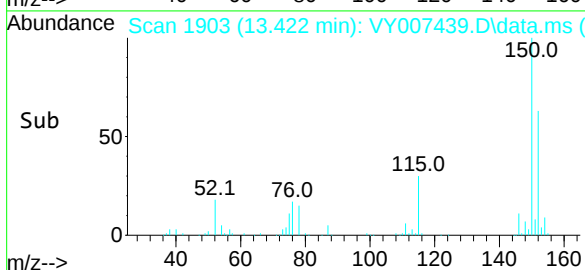
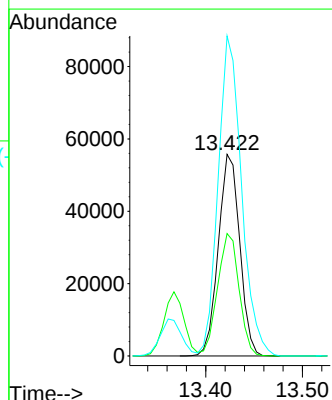
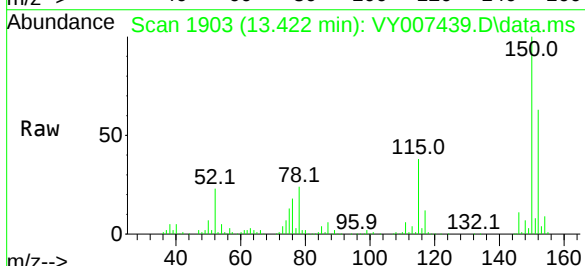
Tgt Ion:152 Resp: 85562

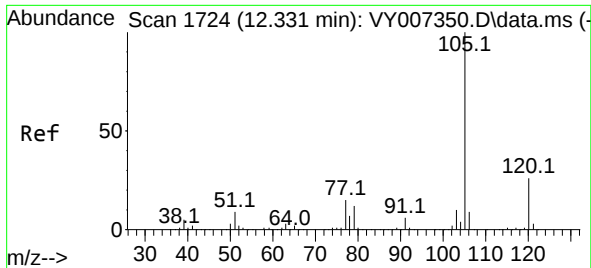
Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 173.8 0.0 347.6

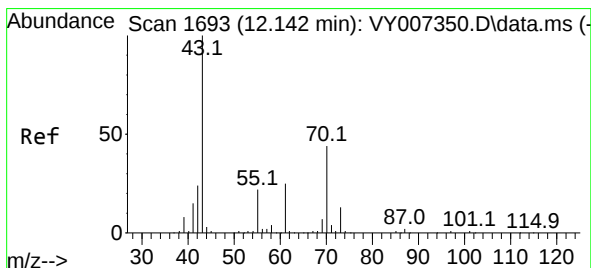
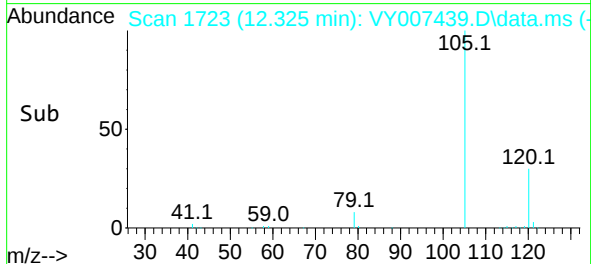
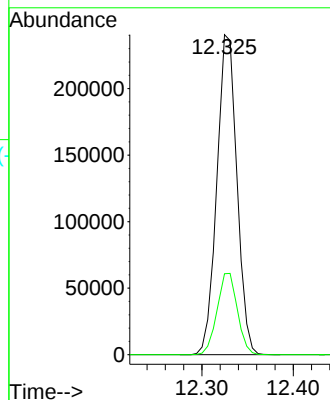
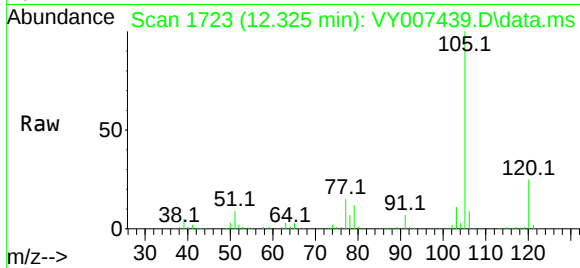




#73
Isopropylbenzene
Concen: 46.974 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

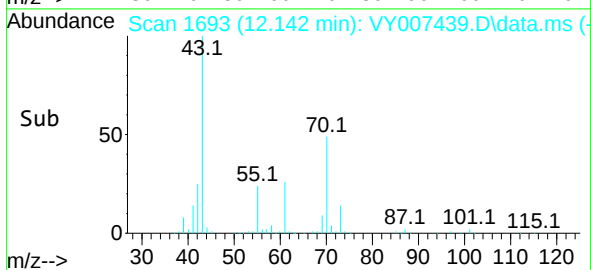
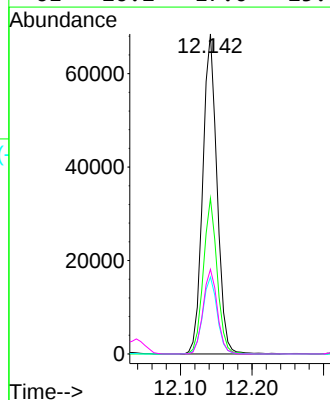
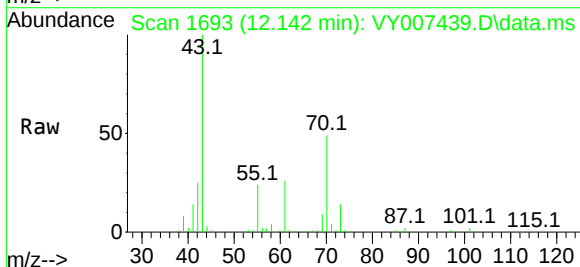
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

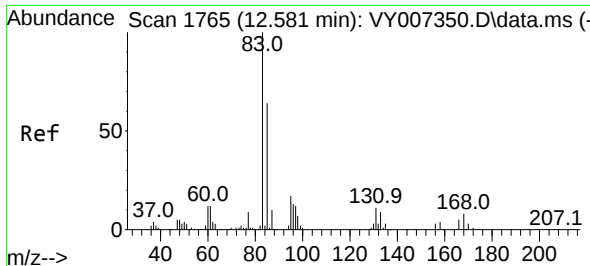
Tgt Ion:105 Resp: 367321
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.2



#74
N-ethyl acetate
Concen: 49.105 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 43 Resp: 95047
Ion Ratio Lower Upper
43 100
70 47.1 28.7 43.1#
55 24.3 17.3 25.9
61 26.2 17.0 25.6#

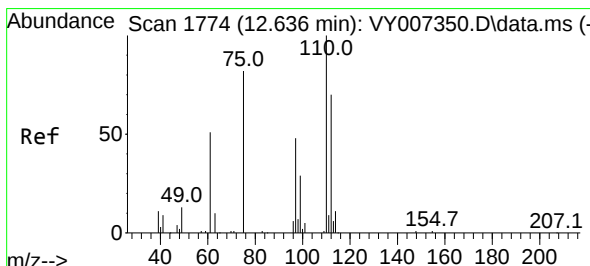
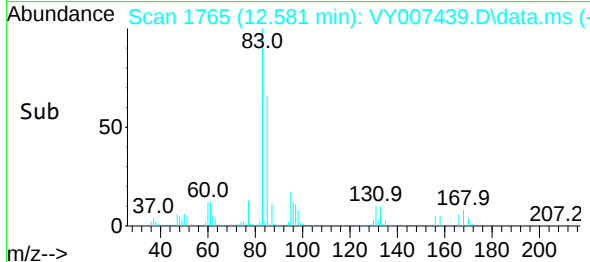
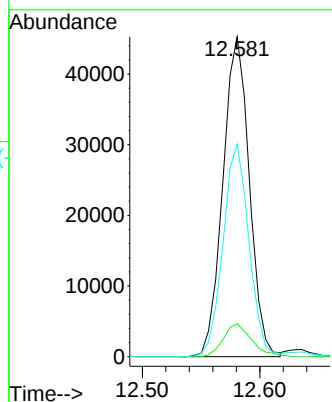
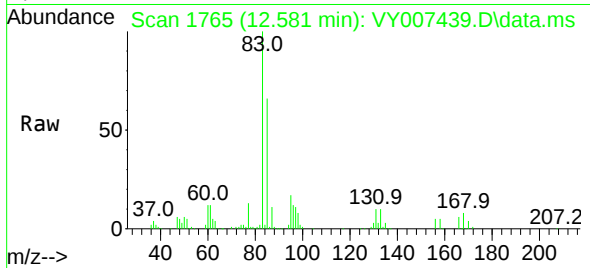




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.579 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY007439.D
 Acq: 08 Feb 2022 17:29

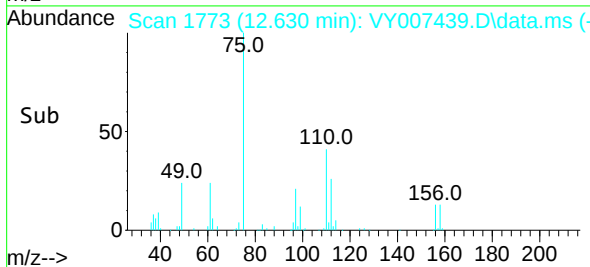
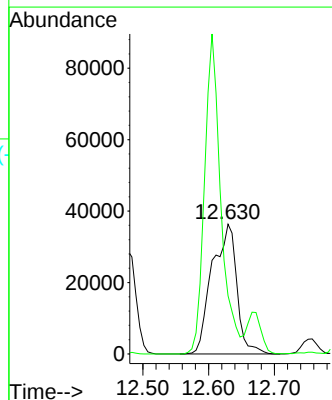
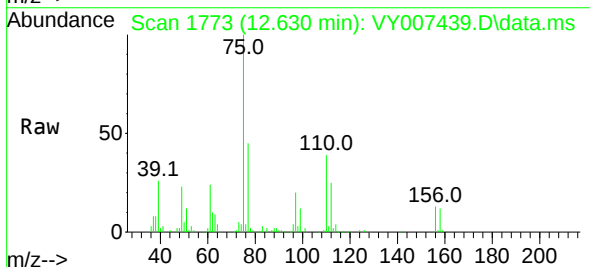
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

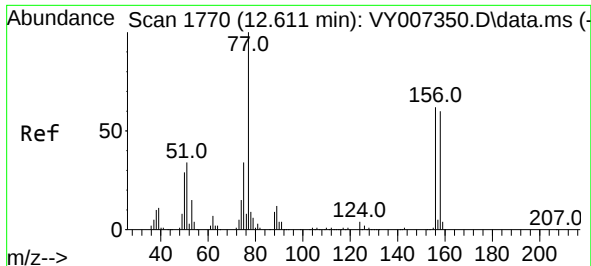
Tgt Ion: 83 Resp: 70800
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.6 16.8
 85 65.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 93.750 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY007439.D
 Acq: 08 Feb 2022 17:29

Tgt Ion: 75 Resp: 95360
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

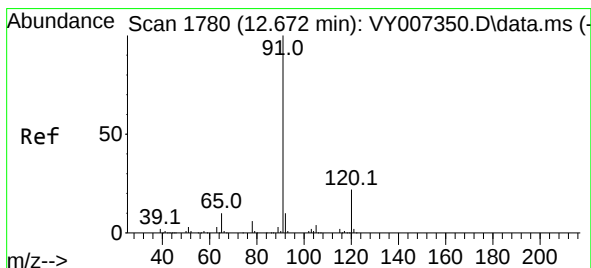
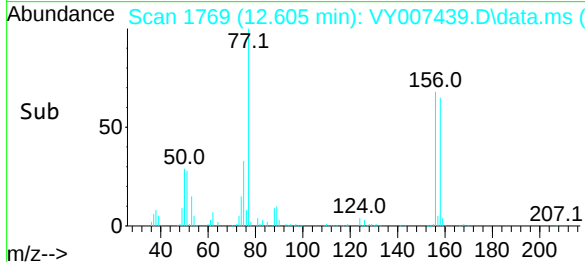
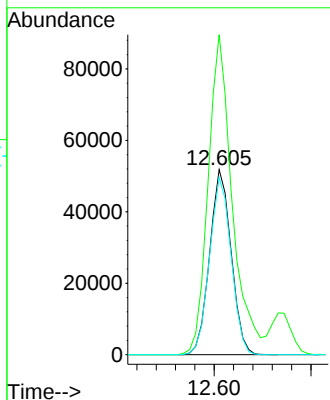
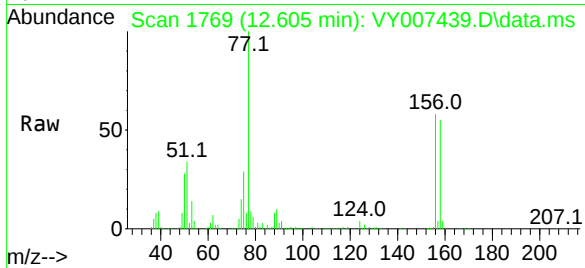




#77
Bromobenzene
Concen: 48.604 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

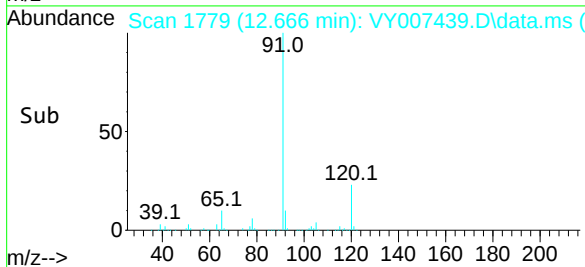
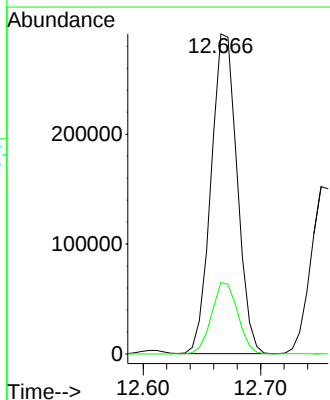
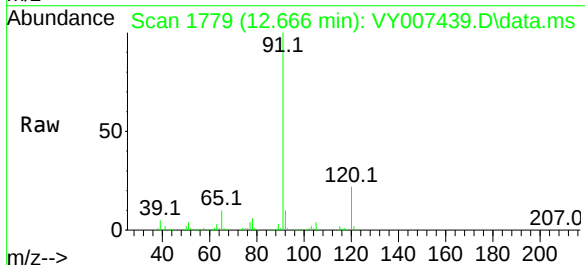
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

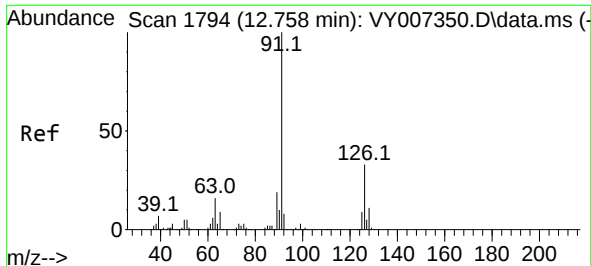
Tgt Ion:156 Resp: 80060
Ion Ratio Lower Upper
156 100
77 192.7 95.5 286.4
158 96.1 48.0 144.0



#78
n-propylbenzene
Concen: 47.320 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 91 Resp: 448194
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

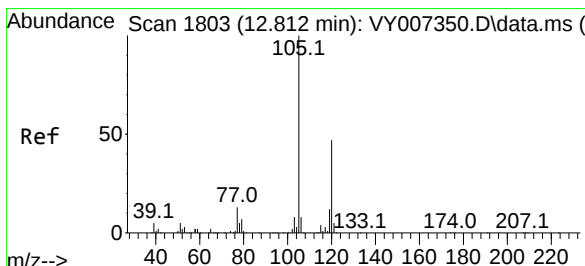
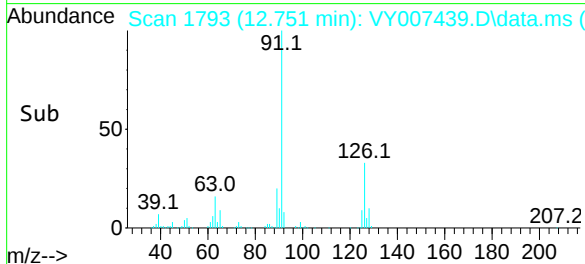
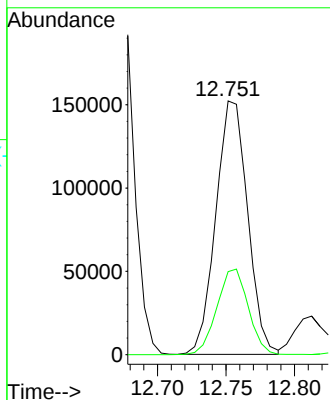
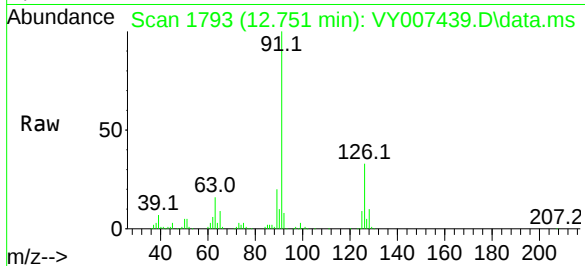




#79
2-Chlorotoluene
Concen: 46.966 ug/l
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

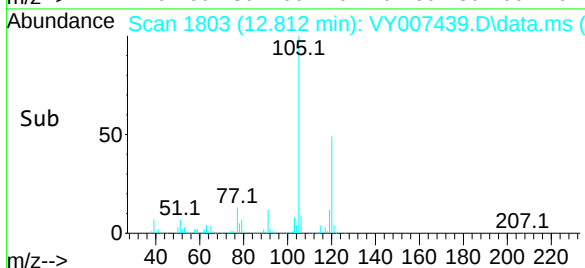
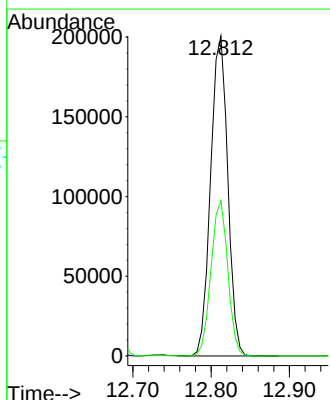
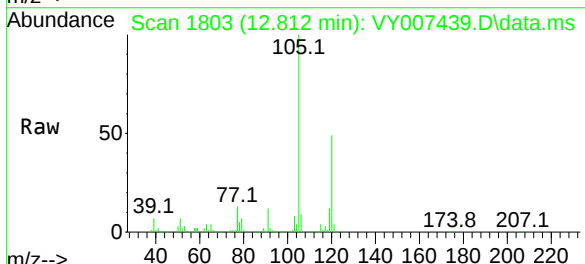
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

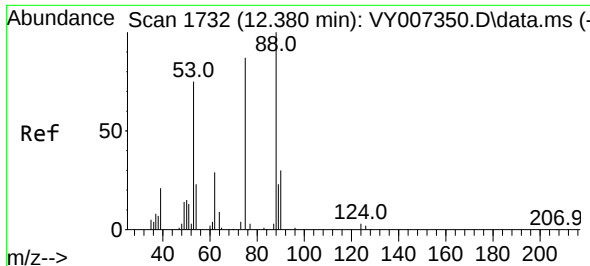
Tgt Ion: 91 Resp: 246291
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 47.795 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 105 Resp: 304890
Ion Ratio Lower Upper
105 100
120 47.6 24.4 73.4

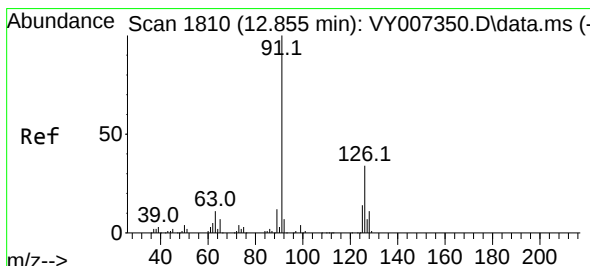
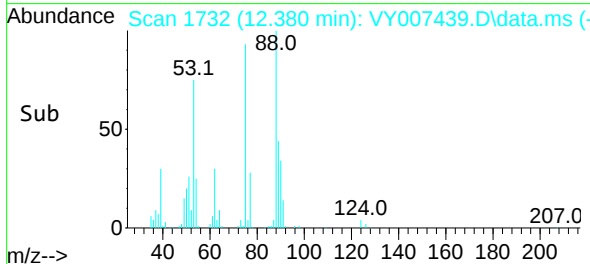
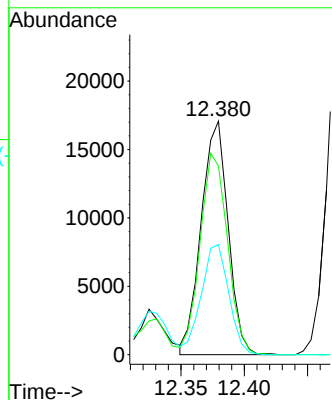
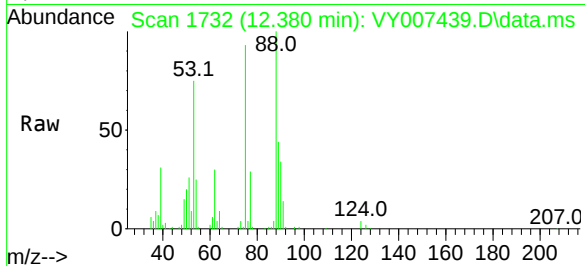




#81
trans-1,4-Dichloro-2-butene
Concen: 49.872 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

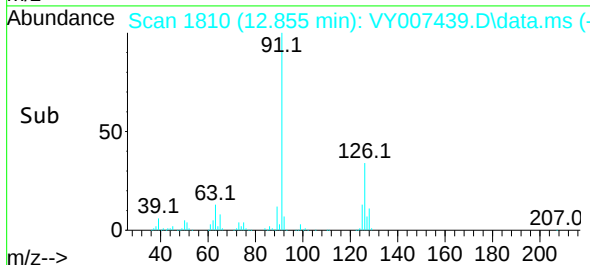
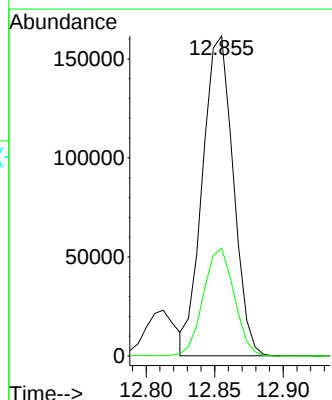
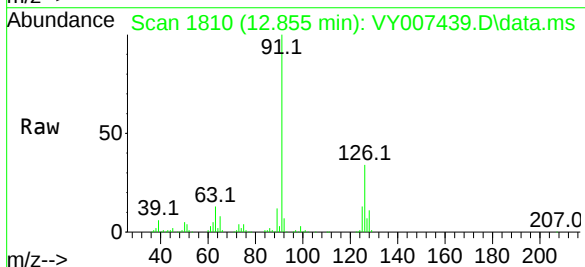
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

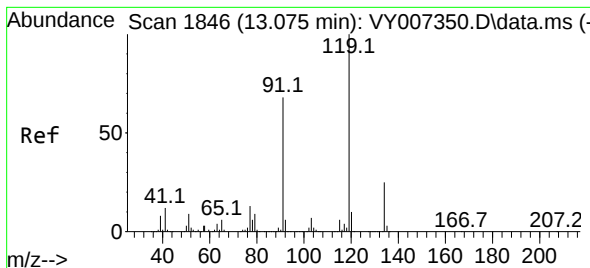
Tgt Ion: 75 Resp: 25321
Ion Ratio Lower Upper
75 100
53 87.9 85.3 127.9
89 48.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.749 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 91 Resp: 251791
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 48.603 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

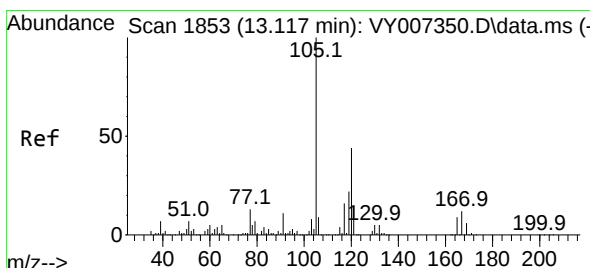
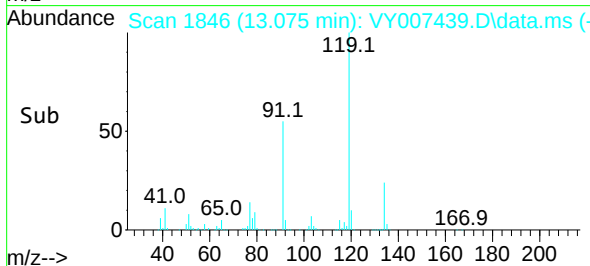
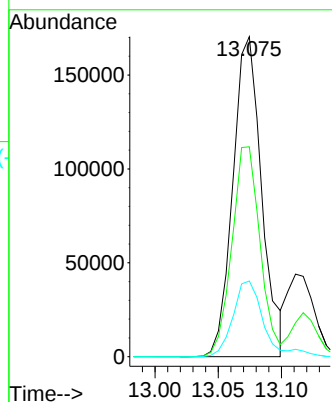
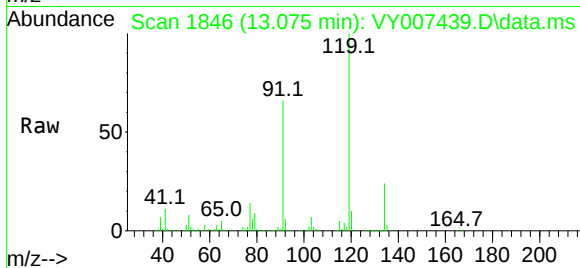
Tgt Ion:119 Resp: 269911

Ion Ratio Lower Upper

119 100

91 64.3 34.8 104.4

134 25.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 47.710 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY007439.D

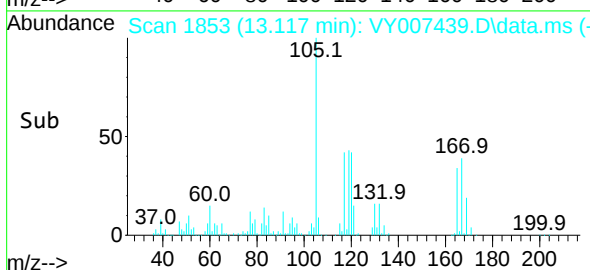
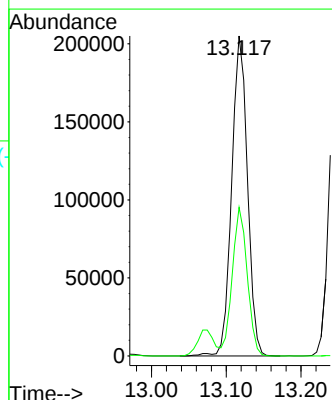
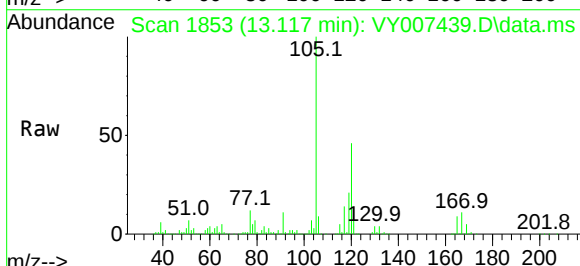
Acq: 08 Feb 2022 17:29

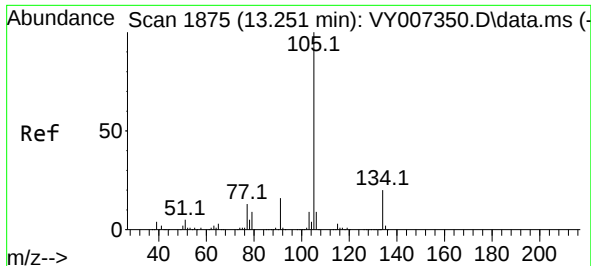
Tgt Ion:105 Resp: 299663

Ion Ratio Lower Upper

105 100

120 44.0 22.3 66.9

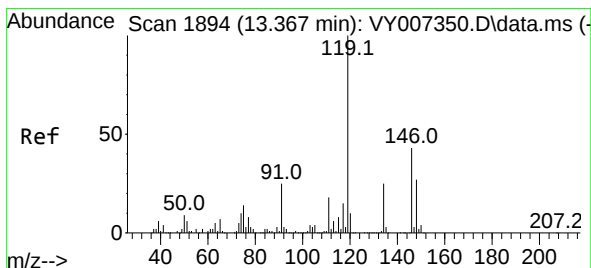
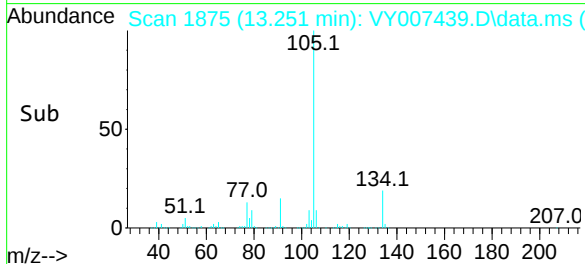
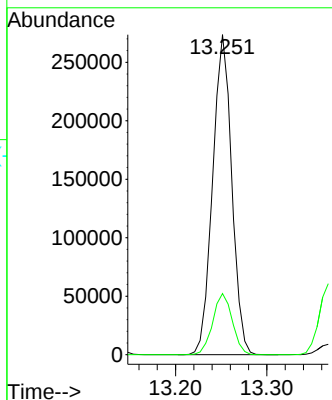
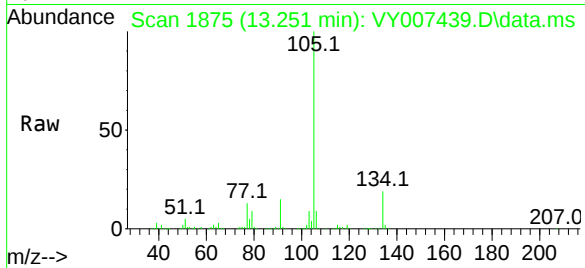




#85
 sec-Butylbenzene
 Concen: 47.682 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007439.D
 Acq: 08 Feb 2022 17:29

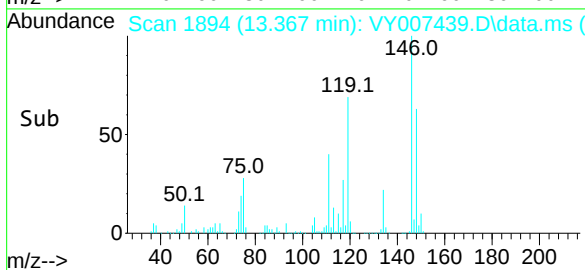
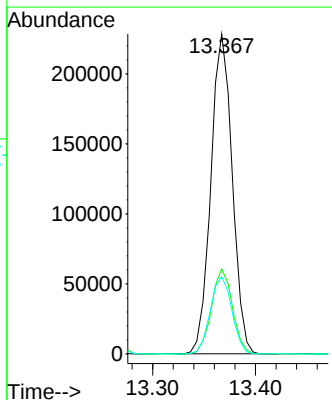
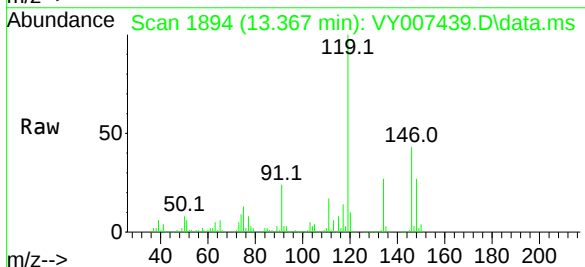
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

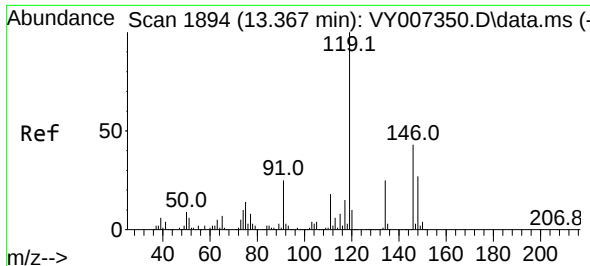
Tgt Ion:105 Resp: 397178
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.518 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007439.D
 Acq: 08 Feb 2022 17:29

Tgt Ion:119 Resp: 329219
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.032 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

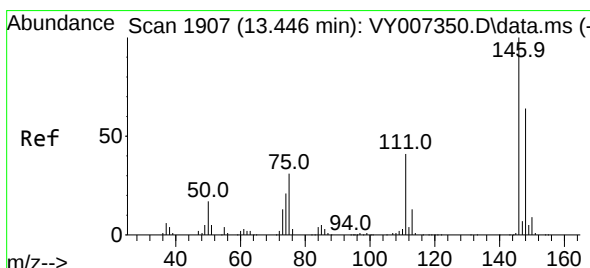
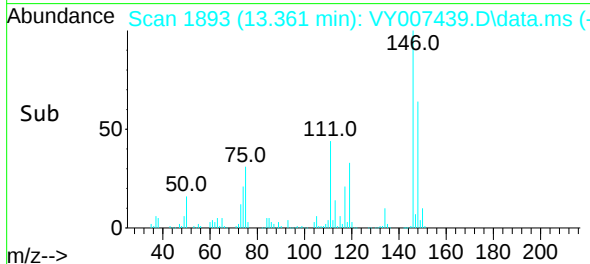
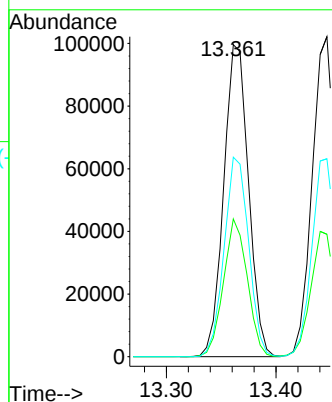
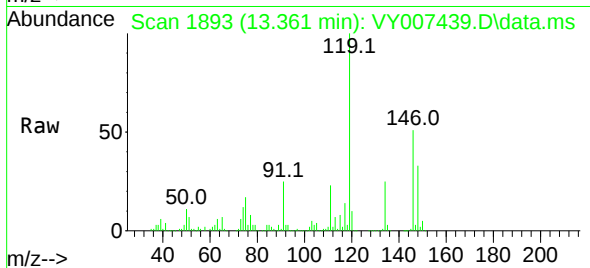
Tgt Ion:146 Resp: 156592

Ion Ratio Lower Upper

146 100

111 42.4 19.5 58.5

148 63.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.902 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

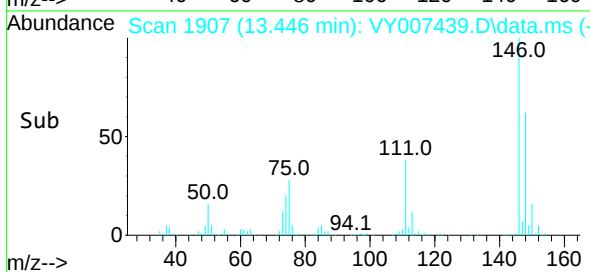
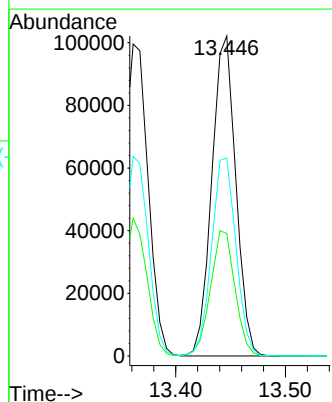
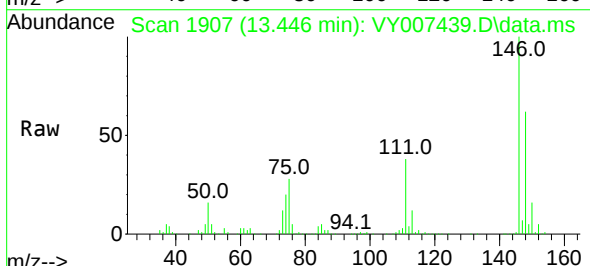
Tgt Ion:146 Resp: 155680

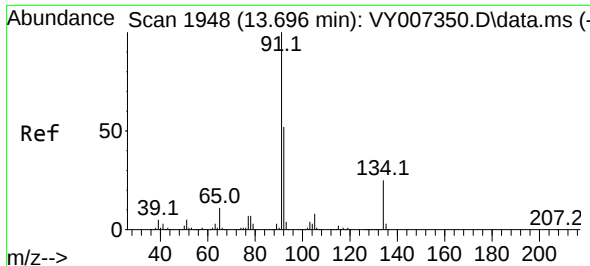
Ion Ratio Lower Upper

146 100

111 39.9 19.3 57.8

148 63.1 32.6 97.8

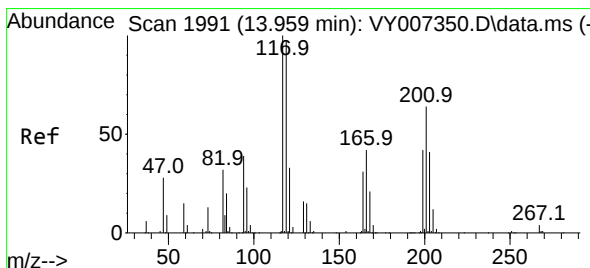
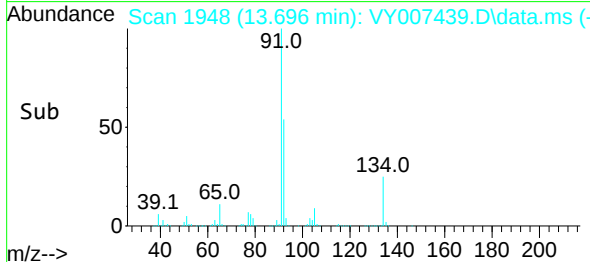
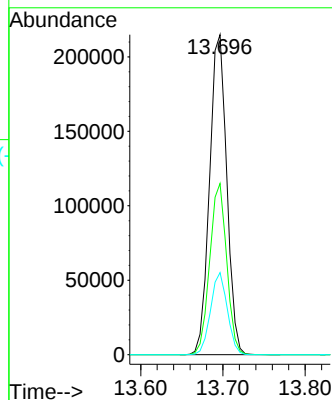
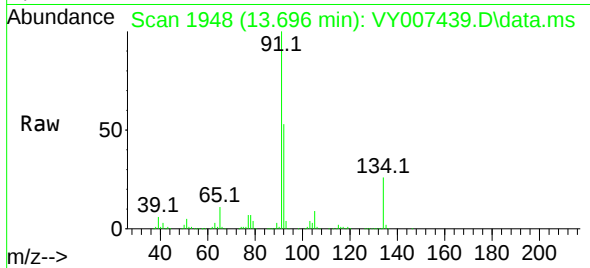




#89
n-Butylbenzene
Concen: 47.848 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

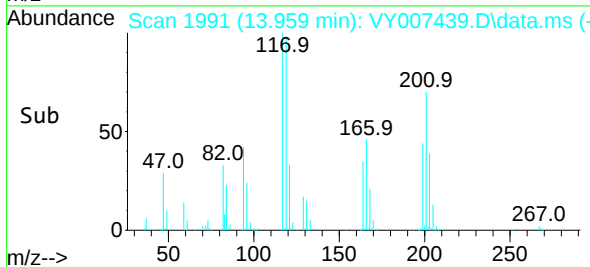
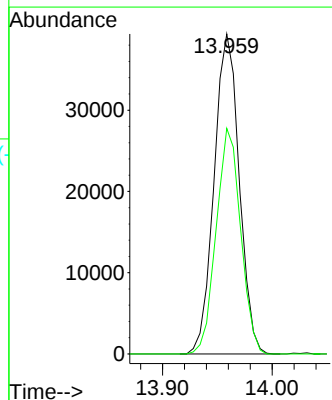
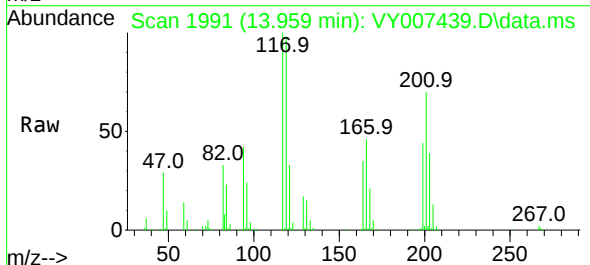
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

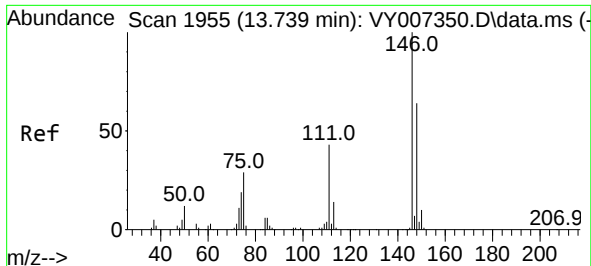
Tgt Ion: 91 Resp: 312489
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 25.0 13.0 38.9



#90
Hexachloroethane
Concen: 48.907 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 117 Resp: 62716
Ion Ratio Lower Upper
117 100
201 68.6 43.0 128.8

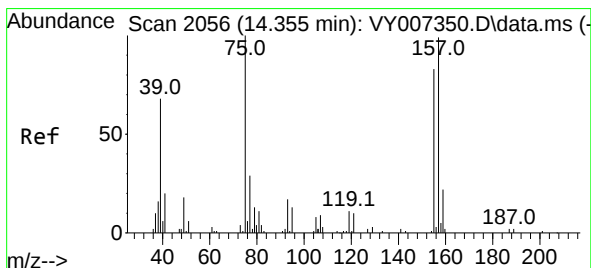
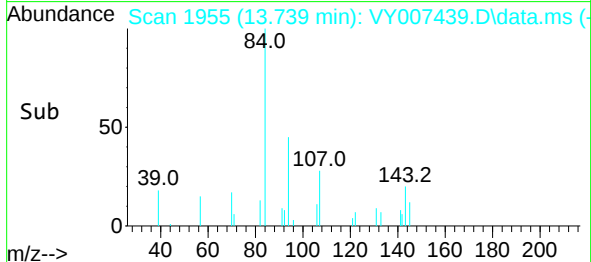
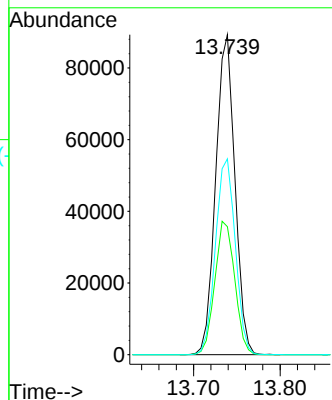
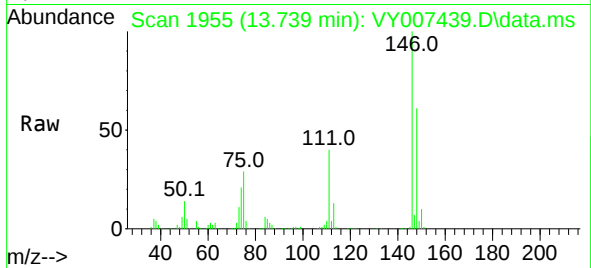




#91
1,2-Dichlorobenzene
Concen: 48.877 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

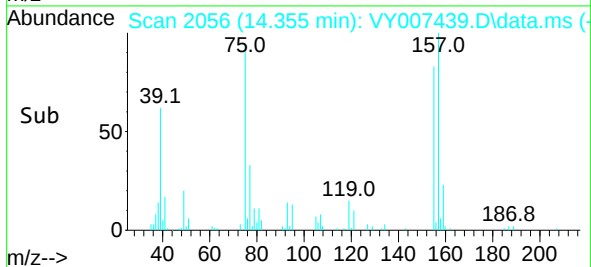
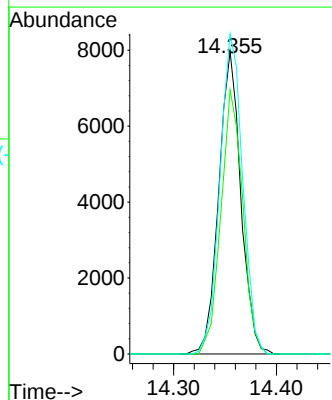
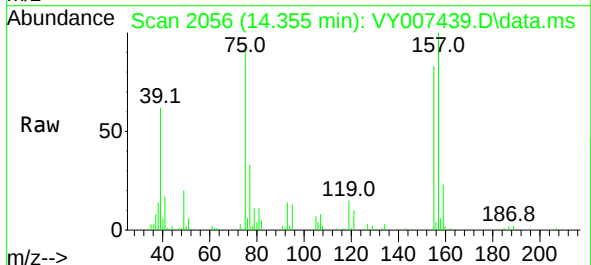
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

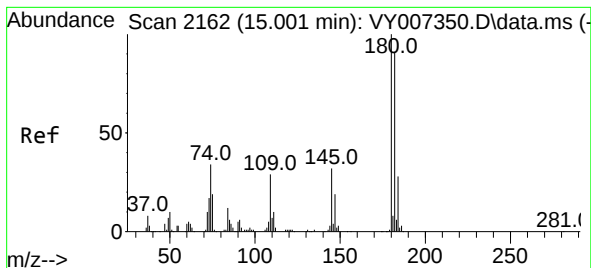
Tgt Ion:146 Resp: 137397
Ion Ratio Lower Upper
146 100
111 43.3 20.3 60.9
148 63.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.068 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007439.D
Acq: 08 Feb 2022 17:29

Tgt Ion: 75 Resp: 11851
Ion Ratio Lower Upper
75 100
155 86.2 38.0 113.9
157 109.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.097 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

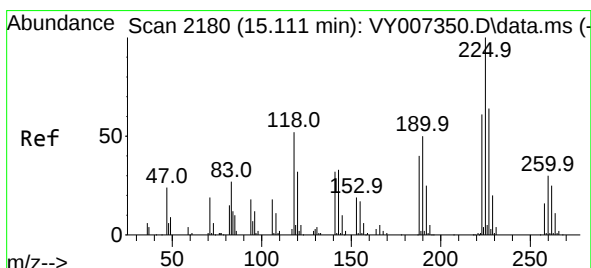
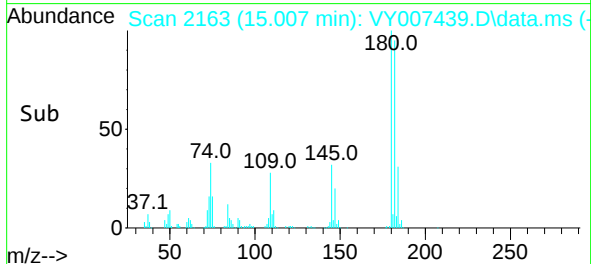
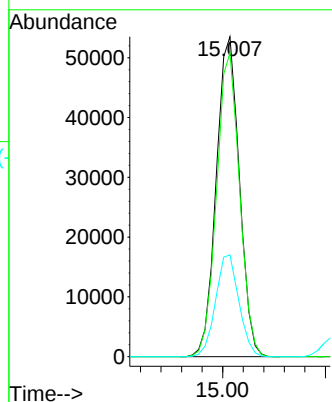
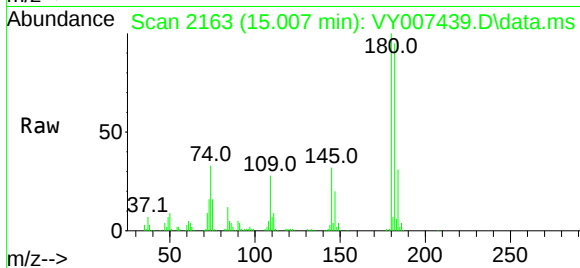
Tgt Ion:180 Resp: 83398

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 32.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.050 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

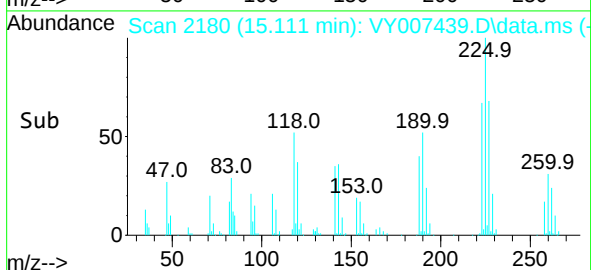
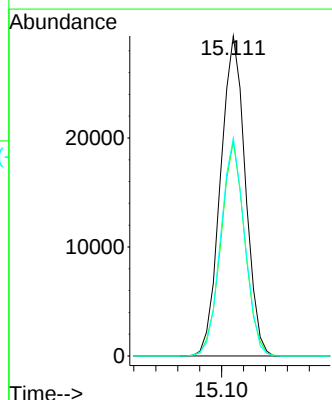
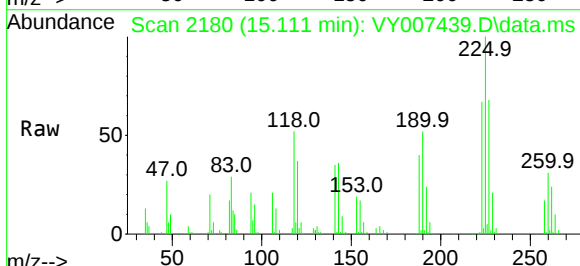
Tgt Ion:225 Resp: 46124

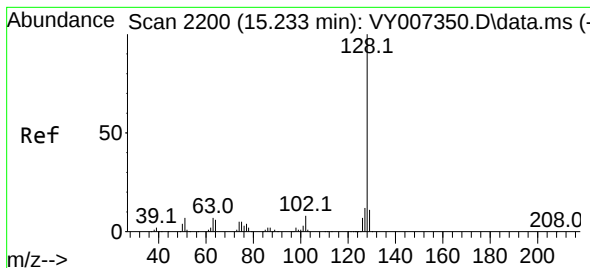
Ion Ratio Lower Upper

225 100

223 64.4 30.8 92.3

227 65.3 31.6 94.7





#95

Naphthalene

Concen: 54.975 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

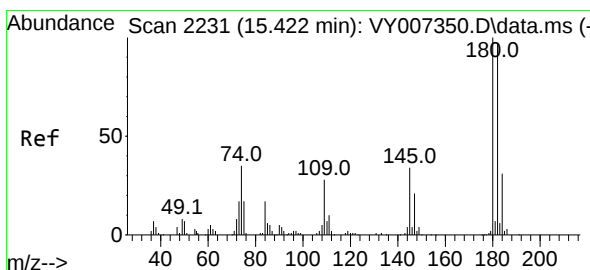
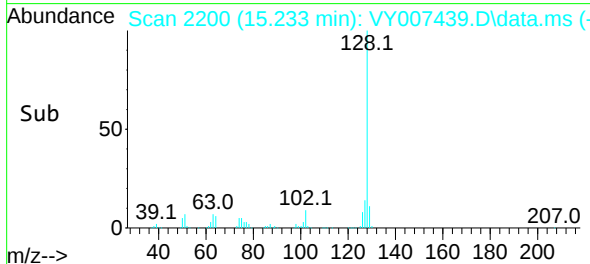
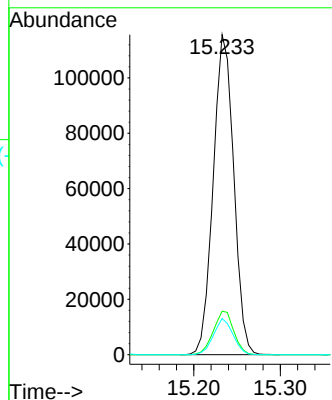
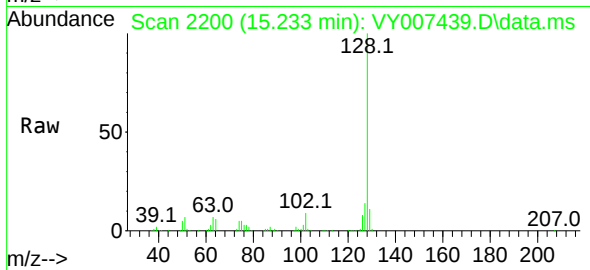
Tgt Ion:128 Resp: 190185

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.056 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY007439.D

Acq: 08 Feb 2022 17:29

Tgt Ion:180 Resp: 73150

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 33.8 15.3 45.9

