

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007109.D
 Acq On : 10 Jan 2022 20:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 11 02:44:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	265513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	229561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97726	51.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.722	113	89867	50.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.185	98	325054	49.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.489	95	115275	48.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	17143	31.183	ug/l	89
3) Chloromethane	2.125	50	57601	50.021	ug/l	96
4) Vinyl Chloride	2.266	62	60236	36.032	ug/l	99
5) Bromomethane	2.668	94	31876	28.700	ug/l	98
6) Chloroethane	2.808	64	18411	17.975	ug/l	97
7) Trichlorofluoromethane	3.144	101	47174	23.045	ug/l	97
8) Diethyl Ether	3.540	74	40128	40.137	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	64661	36.756	ug/l	99
10) Methyl Iodide	4.107	142	91731	33.678	ug/l	99
11) Tert butyl alcohol	4.948	59	33661	221.807	ug/l	99
12) 1,1-Dichloroethene	3.887	96	65678	36.111	ug/l	97
13) Acrolein	3.735	56	11946	275.936	ug/l	98
14) Allyl chloride	4.491	41	102718	37.170	ug/l	97
15) Acrylonitrile	5.174	53	107291	233.732	ug/l	99
16) Acetone	3.954	43	101749	284.921	ug/l	98
17) Carbon Disulfide	4.210	76	176038	33.786	ug/l	99
18) Methyl Acetate	4.485	43	73502	44.870	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	123957	34.291	ug/l	100
20) Methylene Chloride	4.735	84	73788	38.325	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	71339	36.365	ug/l	98
22) Diisopropyl ether	6.131	45	228907	40.729	ug/l	98
23) Vinyl Acetate	6.070	43	721411	221.655	ug/l	100
24) 1,1-Dichloroethane	6.027	63	130107	37.947	ug/l	99
25) 2-Butanone	6.990	43	142737	258.679	ug/l	99
26) 2,2-Dichloropropane	6.990	77	87091	32.735	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	81797	37.036	ug/l	100
28) Bromochloromethane	7.338	49	75156	58.718	ug/l	96
29) Tetrahydrofuran	7.350	42	95058	240.523	ug/l	98
30) Chloroform	7.515	83	137235	38.014	ug/l	100
31) Cyclohexane	7.795	56	116480	35.555	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	114168	36.365	ug/l	99
36) 1,1-Dichloropropene	7.923	75	105376	37.581	ug/l	100
37) Ethyl Acetate	7.082	43	63714	46.428	ug/l	98
38) Carbon Tetrachloride	7.905	117	105868	36.135	ug/l	98
39) Methylcyclohexane	9.191	83	129587	36.953	ug/l	97
40) Benzene	8.167	78	288260	38.183	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	90233	115.657	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	94267	40.896	ug/l	98
43) Isopropyl Acetate	8.277	43	120761	45.349	ug/l	98
44) Trichloroethene	8.947	130	76198	36.477	ug/l	95
45) 1,2-Dichloropropane	9.222	63	72384	38.728	ug/l	94
46) Dibromomethane	9.313	93	44838	40.236	ug/l	99
47) Bromodichloromethane	9.502	83	107009	38.445	ug/l	99
48) Methyl methacrylate	9.301	41	55737	46.429	ug/l	98
49) 1,4-Dioxane	9.307	88	8307	731.522	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	308215	234.968	ug/l	99
52) Toluene	10.252	92	177287	36.888	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	117086	40.255	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	126351	38.515	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	60787	40.148	ug/l	98
56) Ethyl methacrylate	10.514	69	88900	41.800	ug/l	97
57) 1,3-Dichloropropane	10.795	76	105723	39.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	240048	247.281	ug/l	99
59) 2-Hexanone	10.837	43	213212	250.552	ug/l	97
60) Dibromochloromethane	10.990	129	73720	39.023	ug/l	100
61) 1,2-Dibromoethane	11.093	107	60613	40.016	ug/l	99
64) Tetrachloroethene	10.728	164	60976	37.230	ug/l	97
65) Chlorobenzene	11.520	112	184800	37.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	70683	38.643	ug/l	100
67) Ethyl Benzene	11.599	91	347891	37.492	ug/l	98
68) m/p-Xylenes	11.709	106	258711	74.543	ug/l	100
69) o-Xylene	12.032	106	122002	37.527	ug/l	99
70) Styrene	12.050	104	211170	38.441	ug/l	99
71) Bromoform	12.215	173	42748	40.810	ug/l #	99
73) Isopropylbenzene	12.337	105	326485	36.649	ug/l	99
74) N-amyl acetate	12.148	43	103449	45.617	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	69882	41.134	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	95012	79.517	ug/l #	100
77) Bromobenzene	12.611	156	73897	37.563	ug/l	97
78) n-propylbenzene	12.678	91	396751	36.456	ug/l	100
79) 2-Chlorotoluene	12.764	91	225856	36.480	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	270675	36.937	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	27549	43.306	ug/l #	98
82) 4-Chlorotoluene	12.861	91	236289	36.965	ug/l	99
83) tert-Butylbenzene	13.081	119	237349	36.778	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	265606	36.875	ug/l	99
85) sec-Butylbenzene	13.258	105	344347	36.616	ug/l	100
86) p-Isopropyltoluene	13.373	119	282617	36.708	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	138484	36.475	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	139346	36.863	ug/l	99
89) n-Butylbenzene	13.703	91	273560	36.429	ug/l	99
90) Hexachloroethane	13.965	117	56120	36.782	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	124920	37.472	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12356	43.674	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	77533	39.200	ug/l	99
94) Hexachlorobutadiene	15.117	225	39709	38.997	ug/l	98
95) Naphthalene	15.245	128	181437	43.744	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	68368	40.979	ug/l	99

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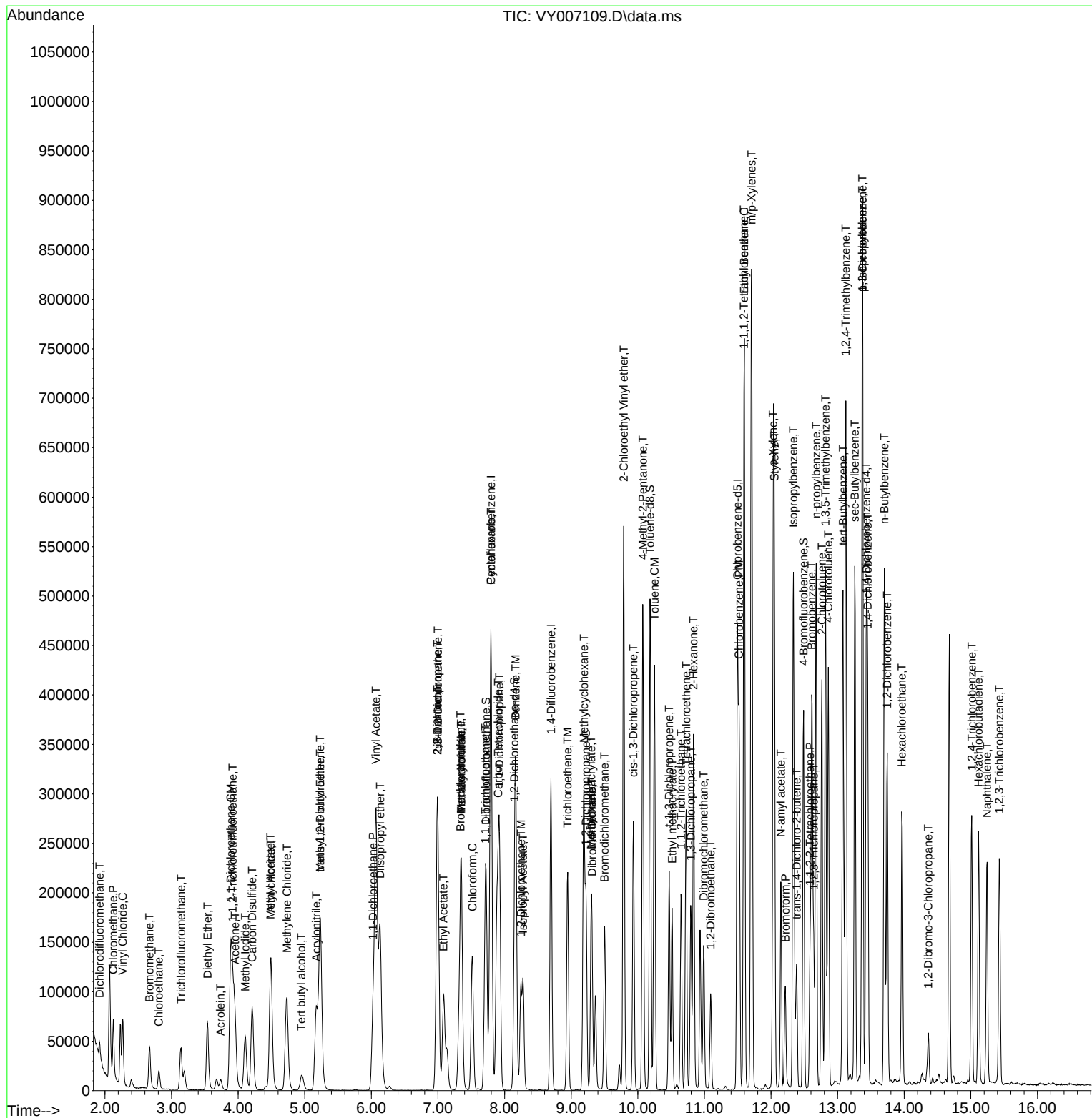
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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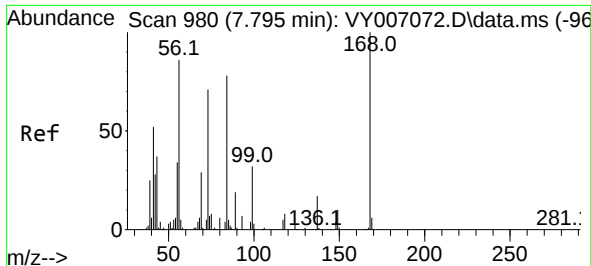
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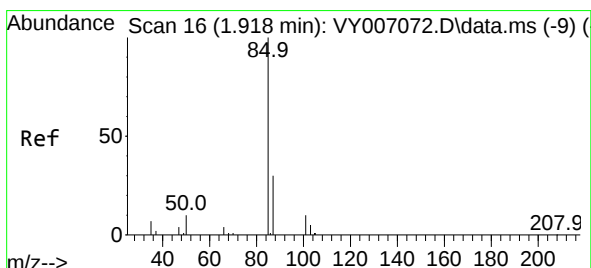
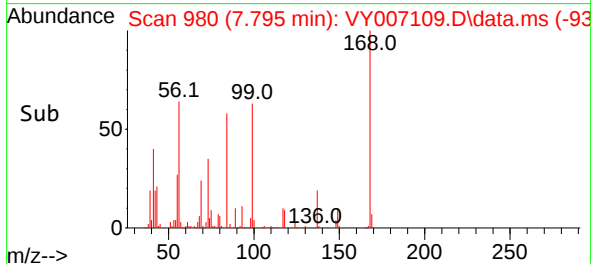
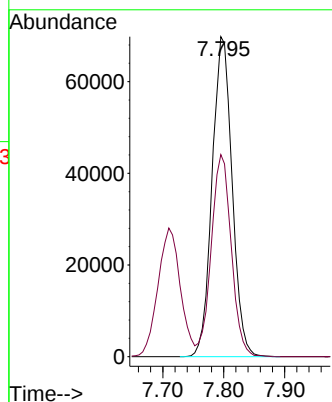
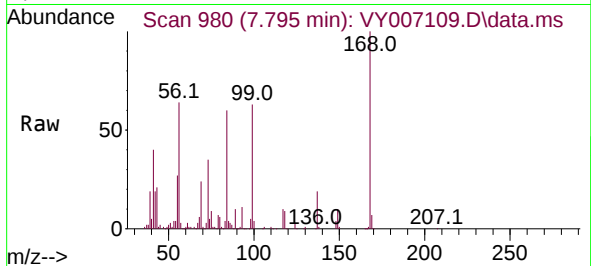




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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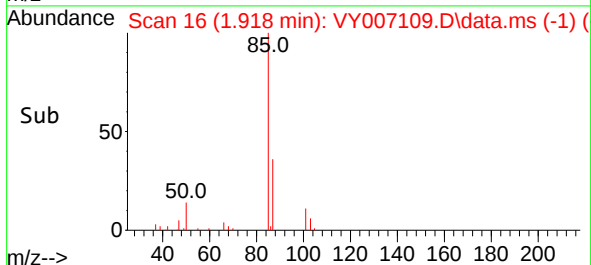
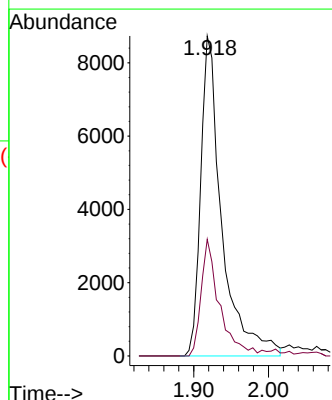
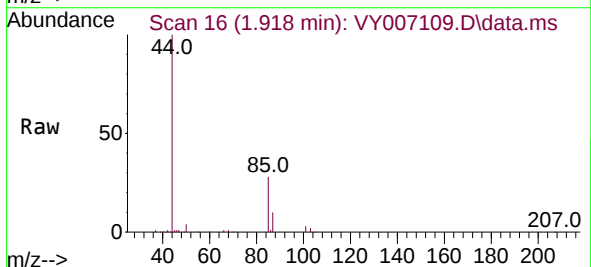
Instrument :
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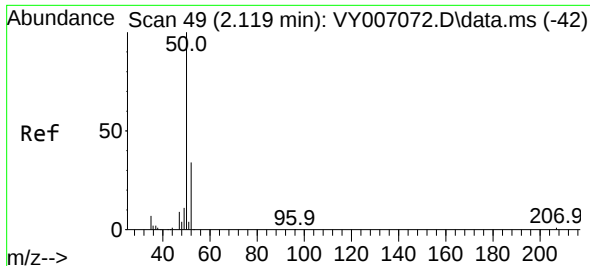
Tgt Ion:168 Resp: 159103
Ion Ratio Lower Upper
168 100
99 63.2 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 31.183 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 85 Resp: 17143
Ion Ratio Lower Upper
85 100
87 36.5 15.2 45.6

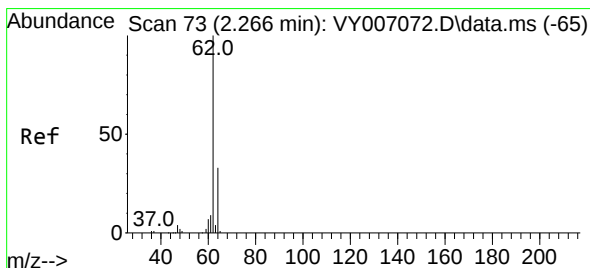
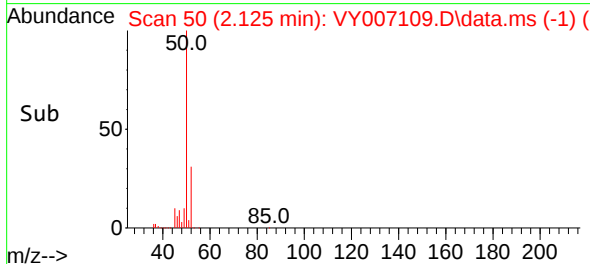
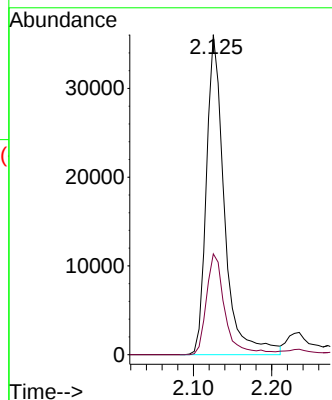
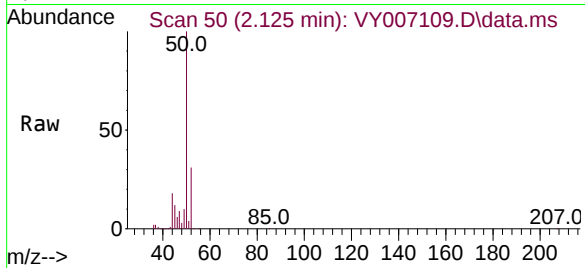




#3
Chloromethane
Concen: 50.021 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY007109.D
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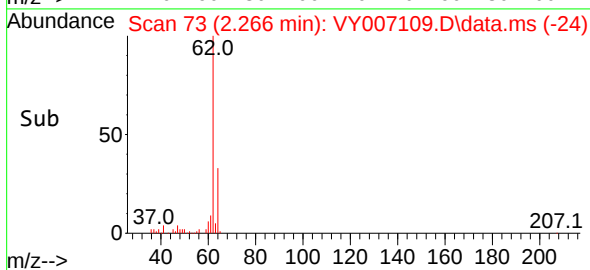
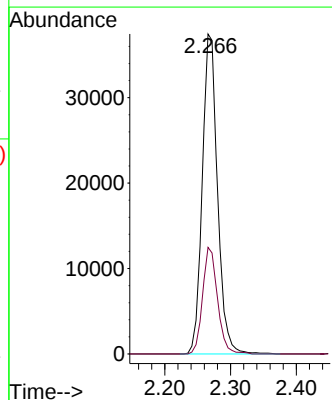
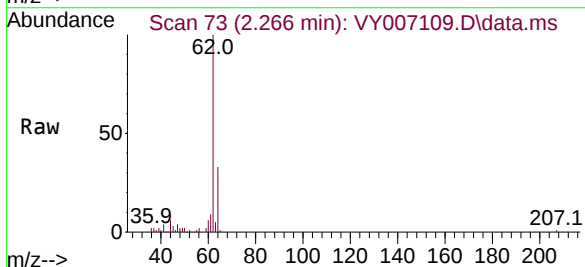
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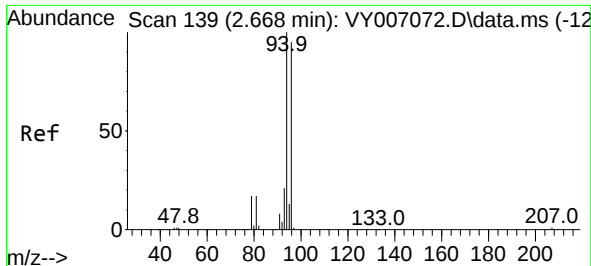
Tgt Ion: 50 Resp: 57601
Ion Ratio Lower Upper
50 100
52 31.5 27.1 40.7



#4
Vinyl Chloride
Concen: 36.032 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 62 Resp: 60236
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1

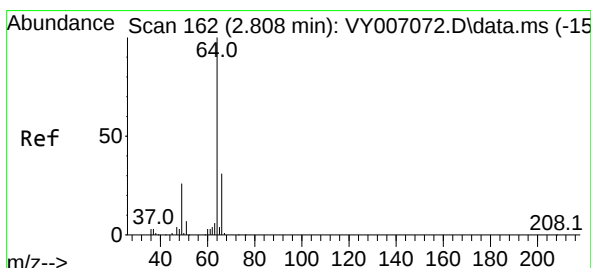
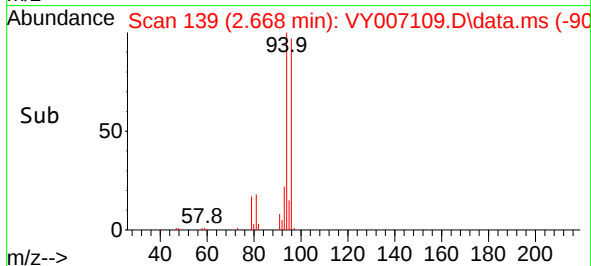
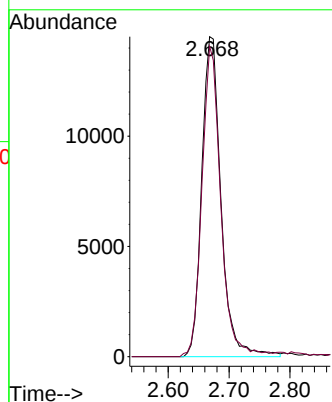
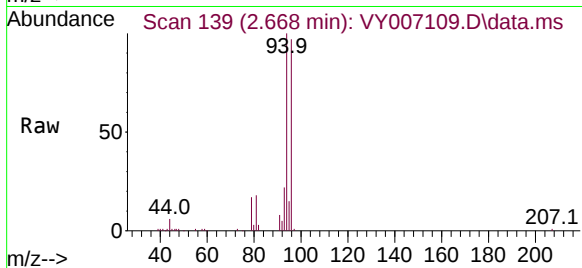




#5
Bromomethane
Concen: 28.700 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.000 min
Lab File: VY007109.D
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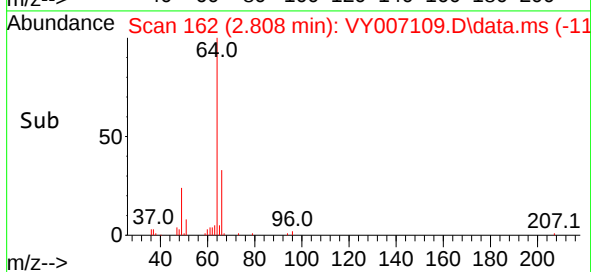
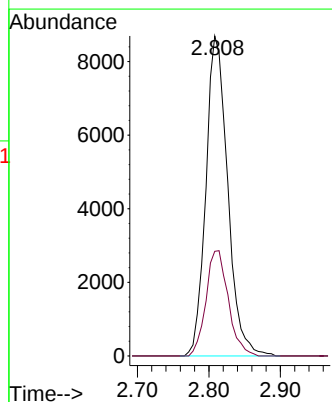
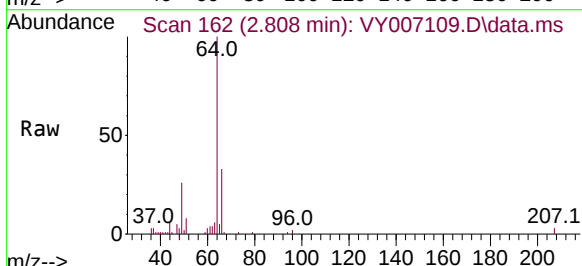
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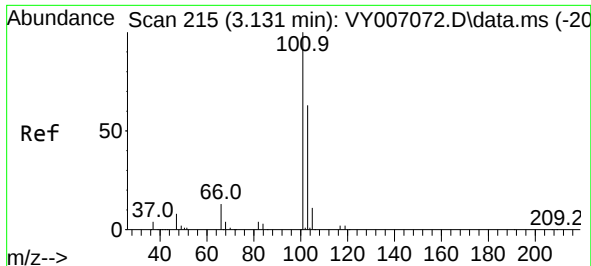
Tgt Ion: 94 Resp: 31876
Ion Ratio Lower Upper
94 100
96 97.0 75.8 113.6



#6
Chloroethane
Concen: 17.975 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 18411
Ion Ratio Lower Upper
64 100
66 32.7 24.8 37.2

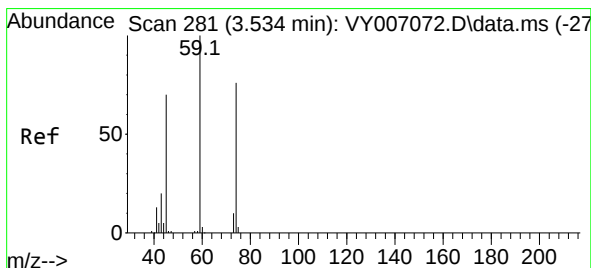
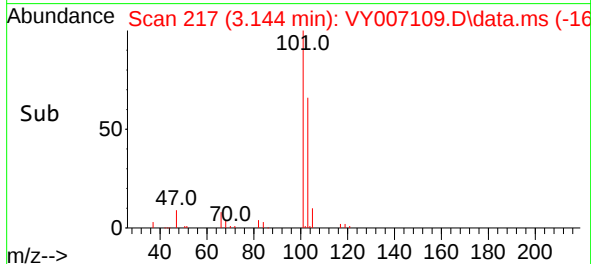
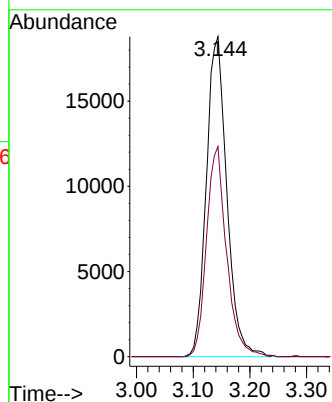
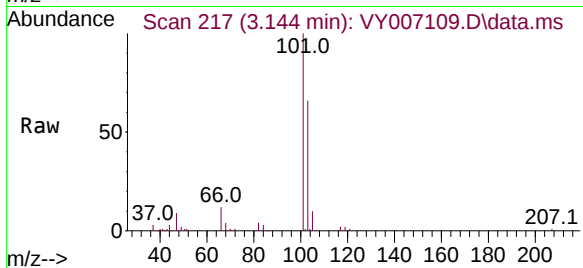




#7
 Trichlorofluoromethane
 Concen: 23.045 ug/l
 RT: 3.144 min Scan# 215
 Delta R.T. 0.012 min
 Lab File: VY007109.D
 Acq: 10 Jan 2022 20:59

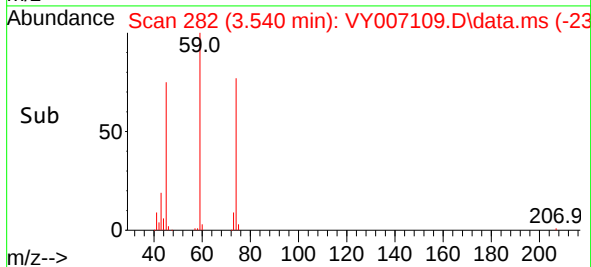
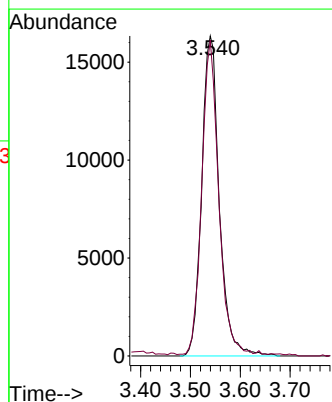
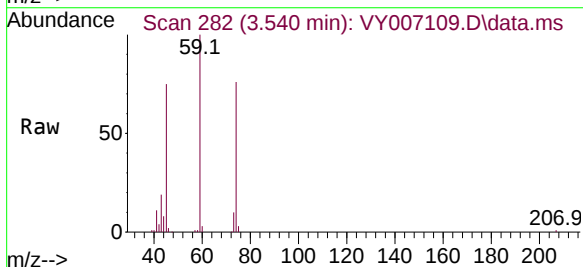
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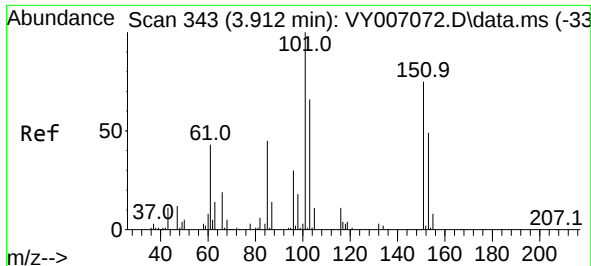
Tgt Ion:101 Resp: 47174
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.6 76.0



#8
 Diethyl Ether
 Concen: 40.137 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 40128
 Ion Ratio Lower Upper
 74 100
 45 93.9 46.1 138.3

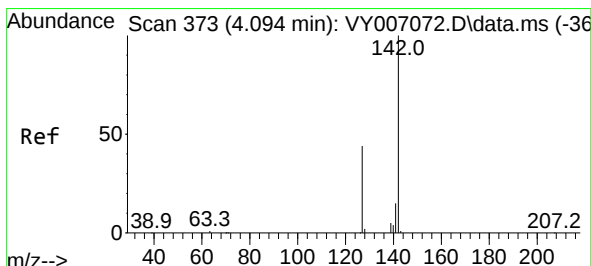
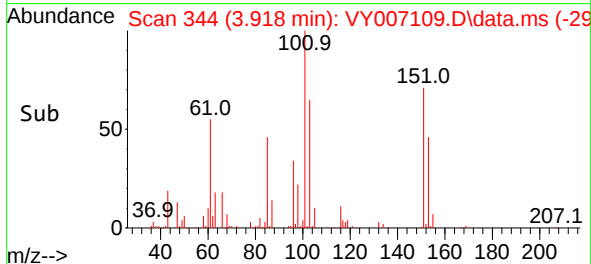
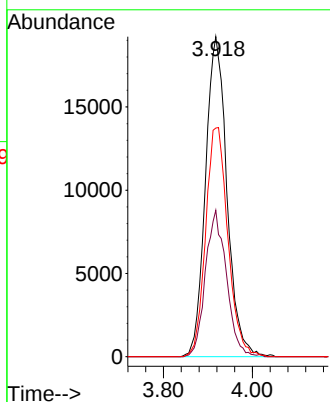
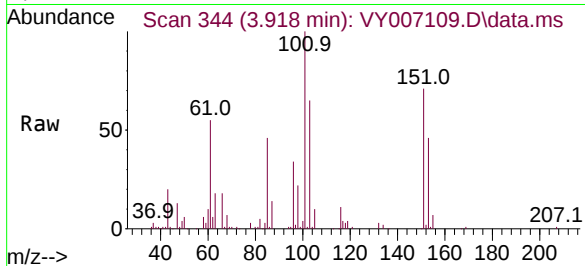




#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.756 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

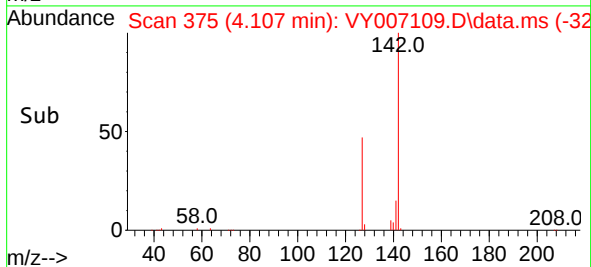
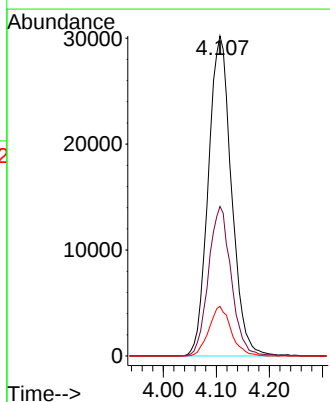
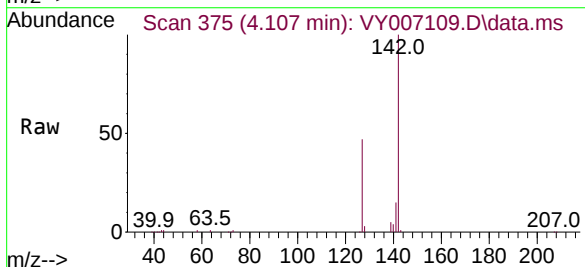
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

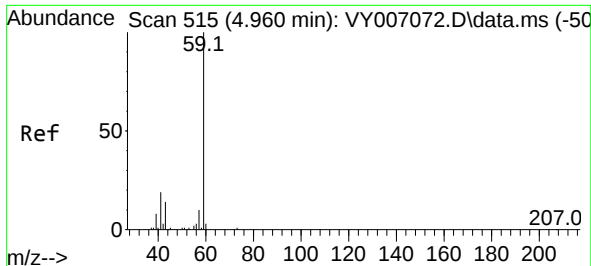
Tgt Ion:101 Resp: 64661
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.0
151 74.1 60.4 90.6



#10
Methyl Iodide
Concen: 33.678 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion:142 Resp: 91731
Ion Ratio Lower Upper
142 100
127 45.7 36.2 54.4
141 14.8 11.5 17.3

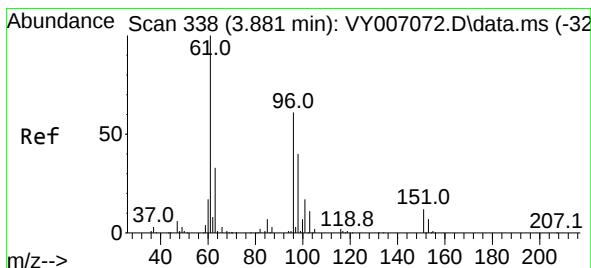
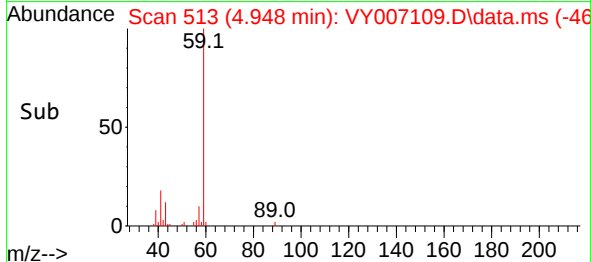
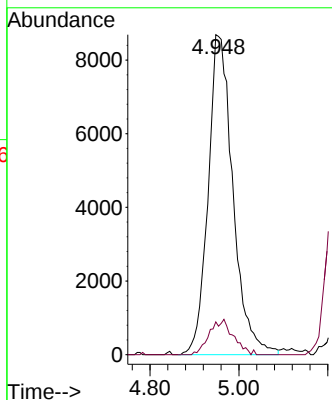
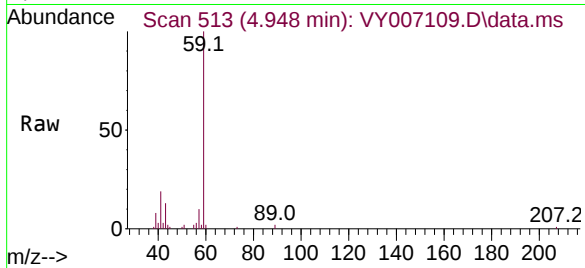




#11
Tert butyl alcohol
Concen: 221.807 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

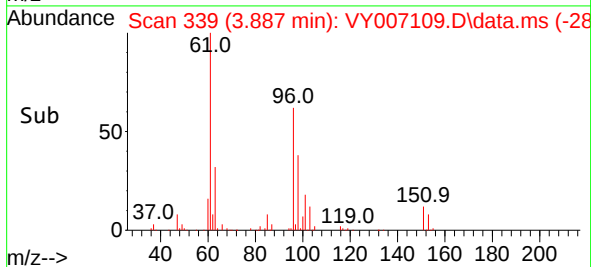
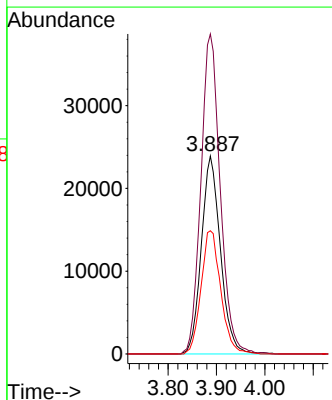
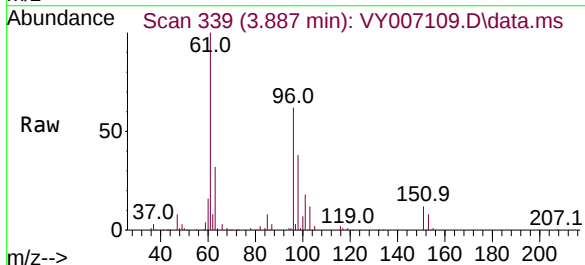
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

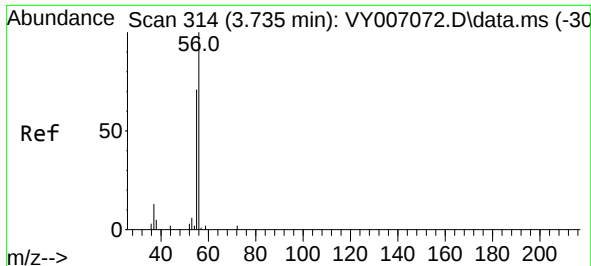
Tgt Ion: 59 Resp: 33661
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 36.111 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 96 Resp: 65678
Ion Ratio Lower Upper
96 100
61 161.6 131.9 197.9
98 62.2 52.7 79.1





#13

Acrolein

Concen: 275.936 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

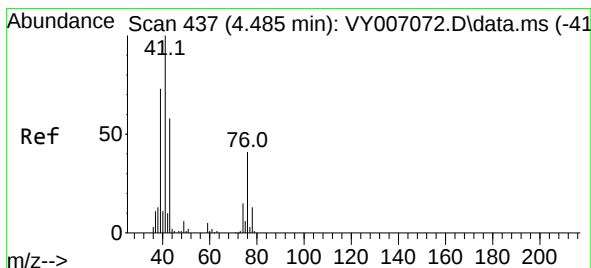
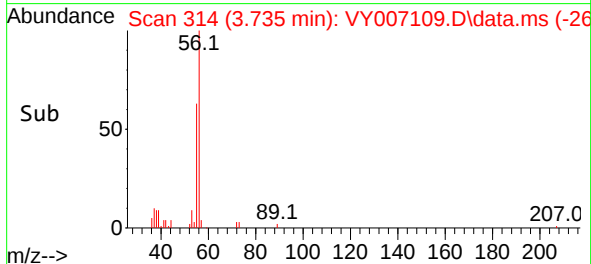
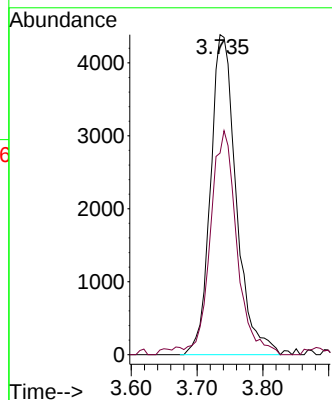
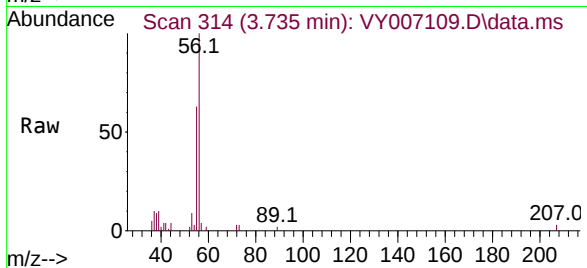
VSTDCCC050EC

Tgt Ion: 56 Resp: 11946

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 37.170 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

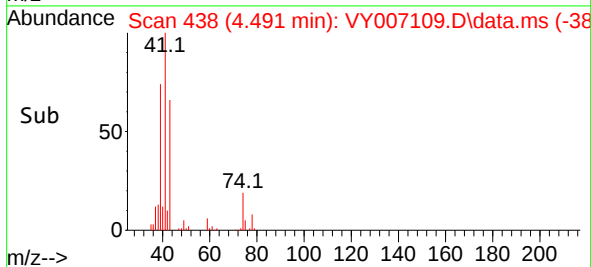
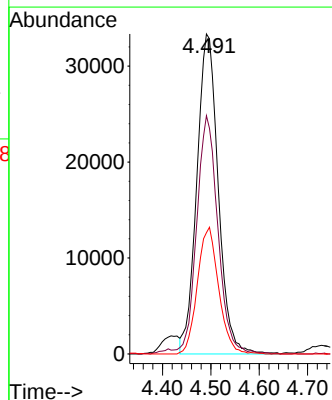
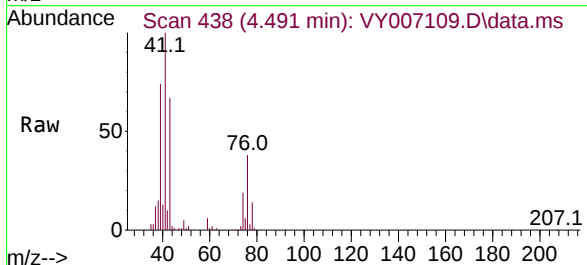
Tgt Ion: 41 Resp: 102718

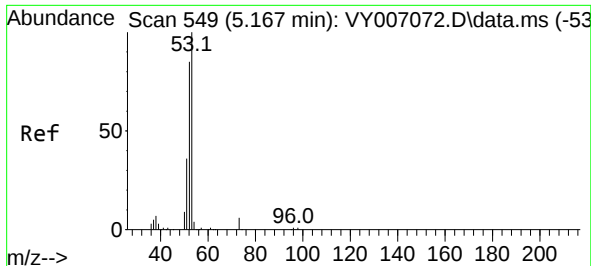
Ion Ratio Lower Upper

41 100

39 73.6 56.1 84.1

76 39.3 31.4 47.2

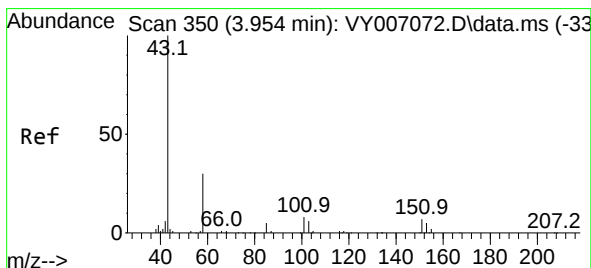
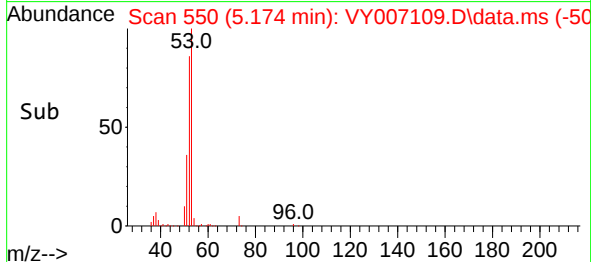
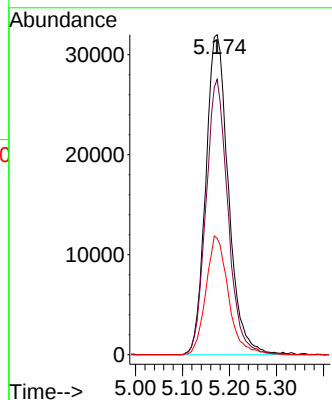
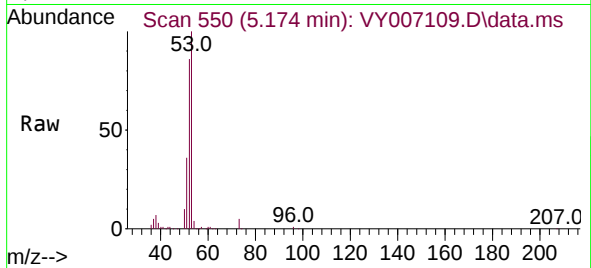




#15
Acrylonitrile
Concen: 233.732 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

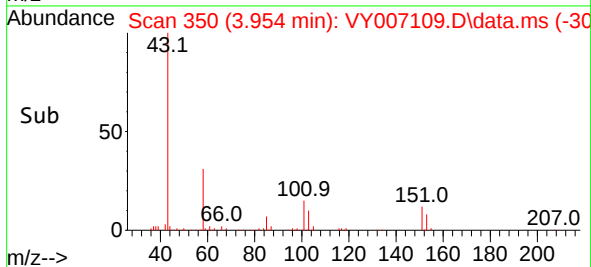
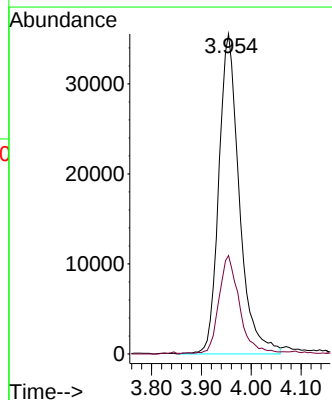
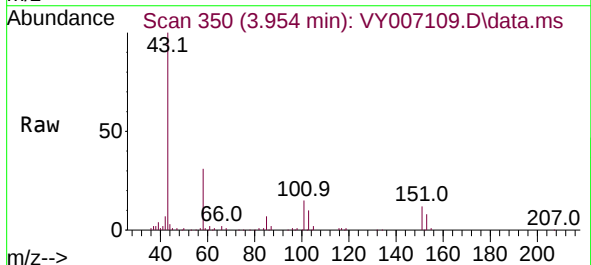
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

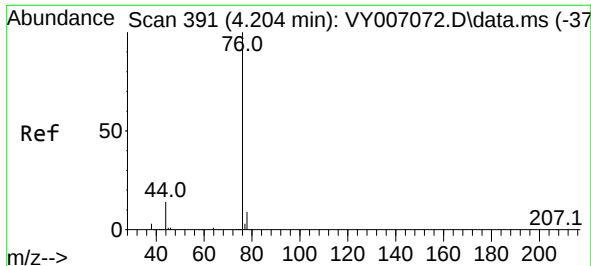
Tgt Ion: 53 Resp: 107291
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.2
51 36.8 29.4 44.2



#16
Acetone
Concen: 284.921 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 43 Resp: 101749
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.6

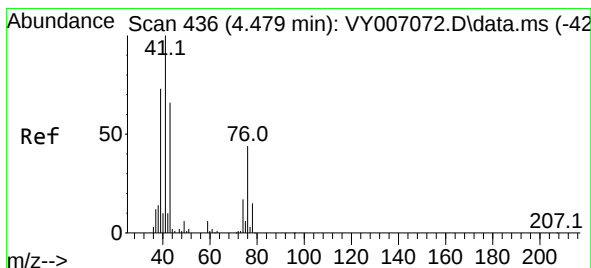
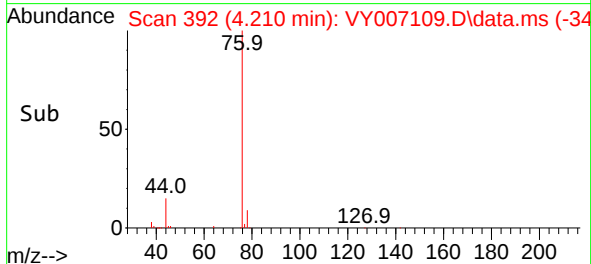
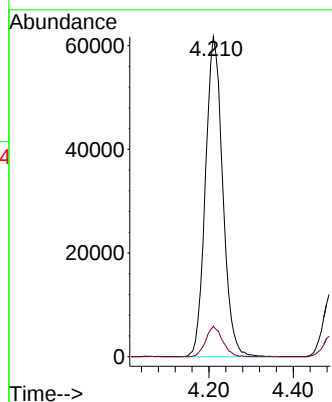
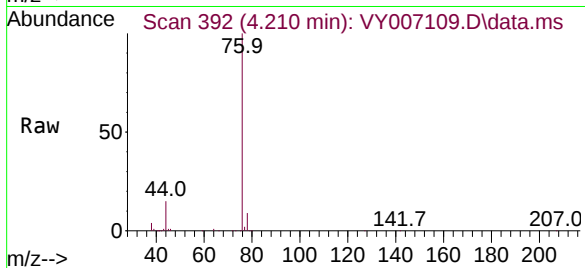




#17
Carbon Disulfide
Concen: 33.786 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

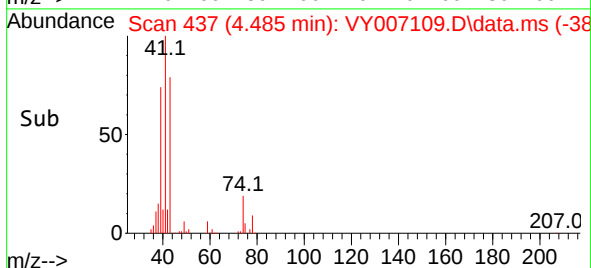
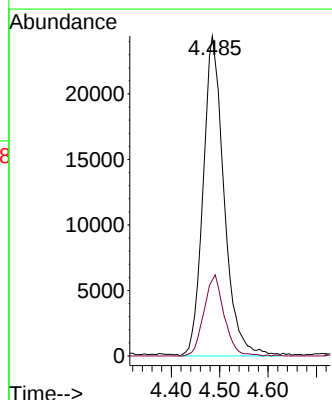
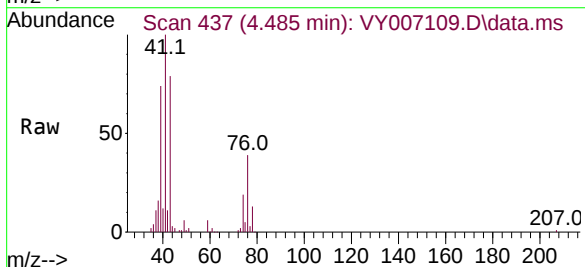
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

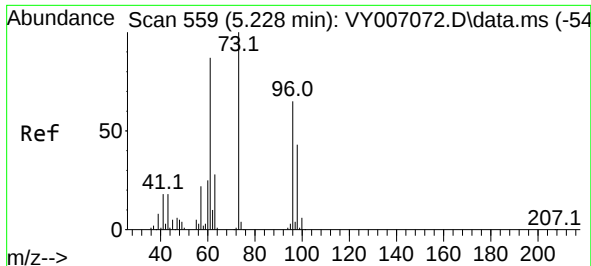
Tgt Ion: 76 Resp: 176038
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 44.870 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 43 Resp: 73502
Ion Ratio Lower Upper
43 100
74 24.3 20.9 31.3

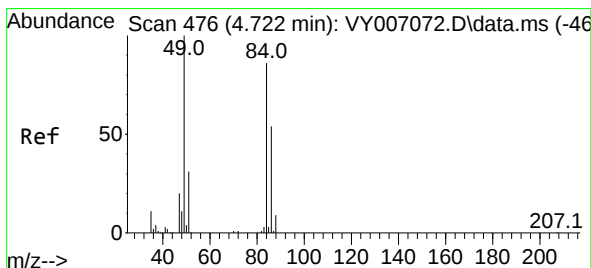
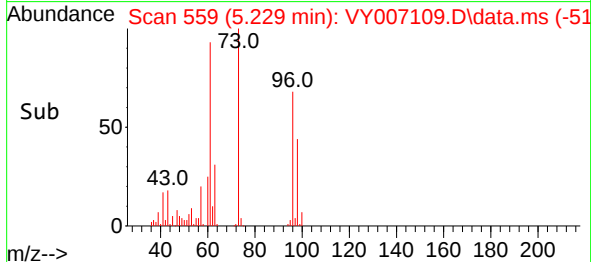
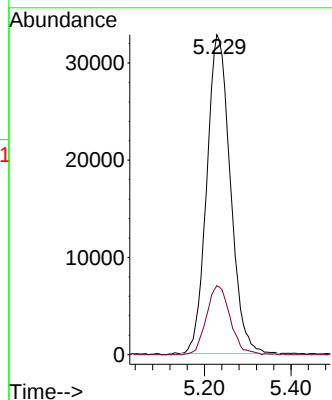
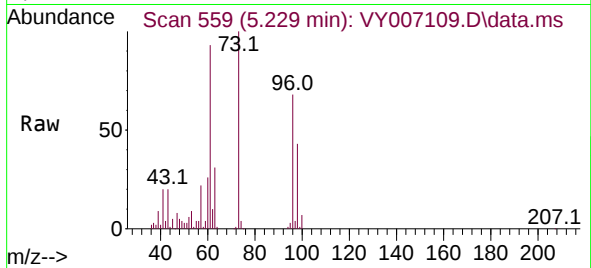




#19
Methyl tert-butyl Ether
Concen: 34.291 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

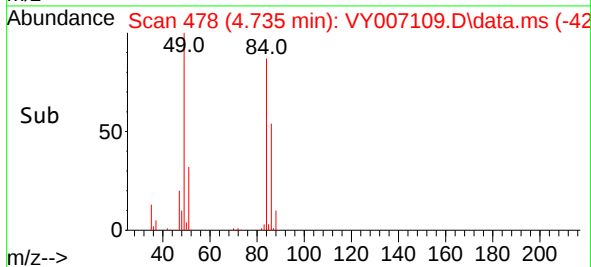
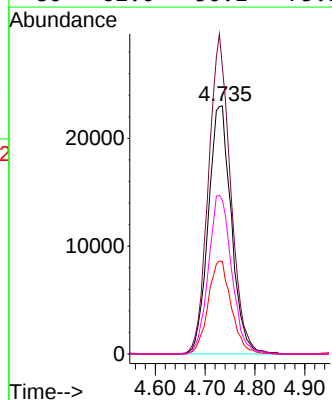
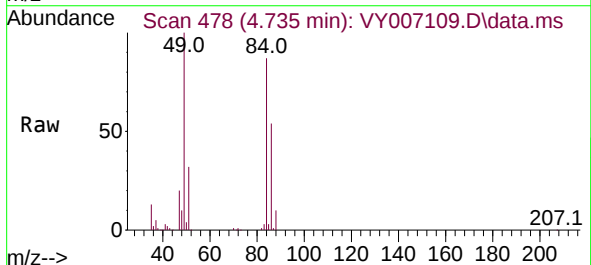
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

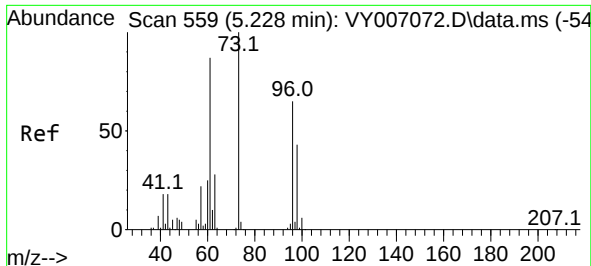
Tgt Ion: 73 Resp: 123957
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 38.325 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 84 Resp: 73788
Ion Ratio Lower Upper
84 100
49 115.3 92.6 139.0
51 37.3 28.6 42.8
86 62.0 50.1 75.1

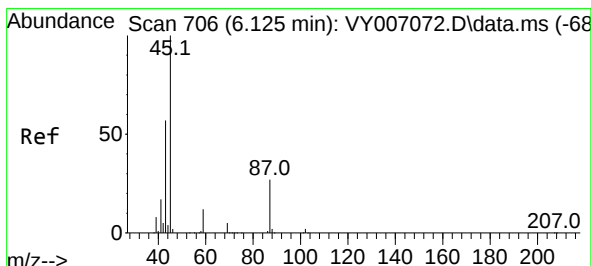
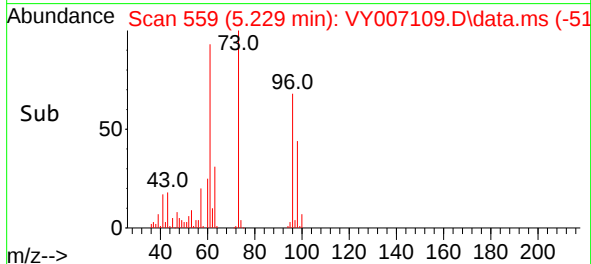
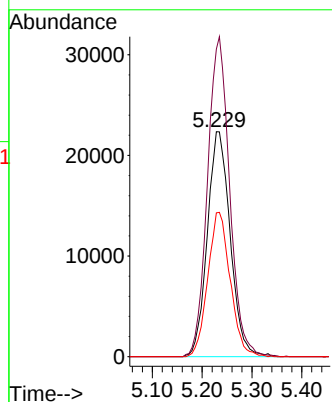
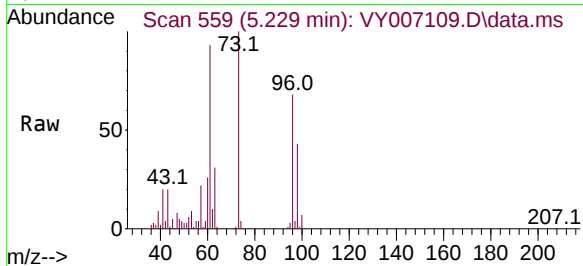




#21
trans-1,2-Dichloroethene
Concen: 36.365 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

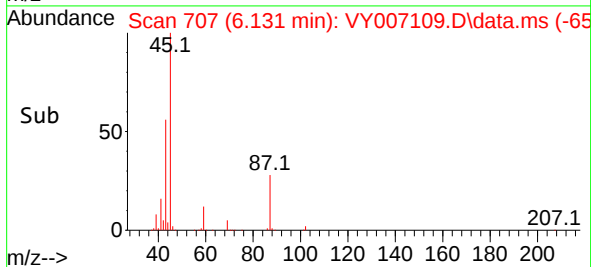
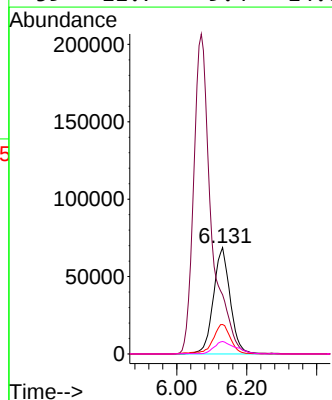
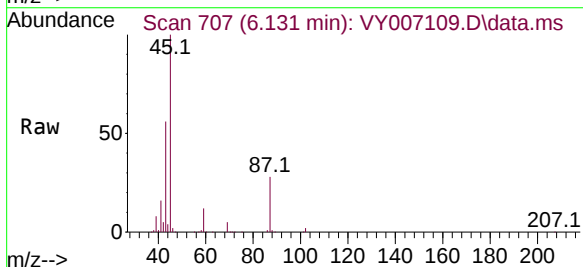
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

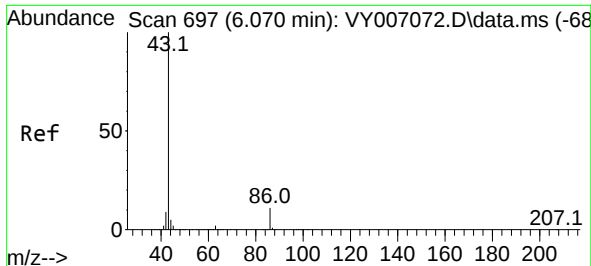
Tgt Ion: 96 Resp: 71339
Ion Ratio Lower Upper
96 100
61 136.7 107.3 160.9
98 64.0 52.4 78.6



#22
Diisopropyl ether
Concen: 40.729 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 45 Resp: 228907
Ion Ratio Lower Upper
45 100
43 55.1 45.6 68.4
87 27.6 22.2 33.2
59 11.7 9.4 14.0

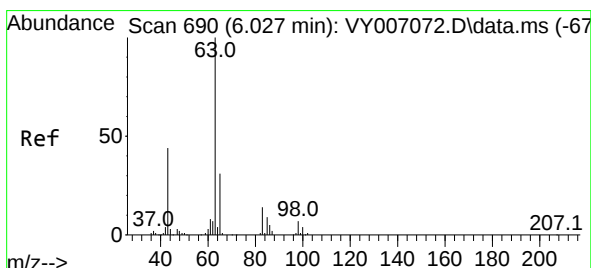
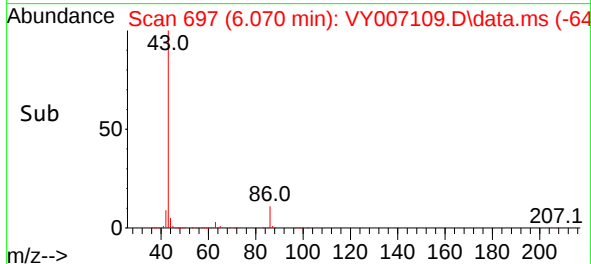
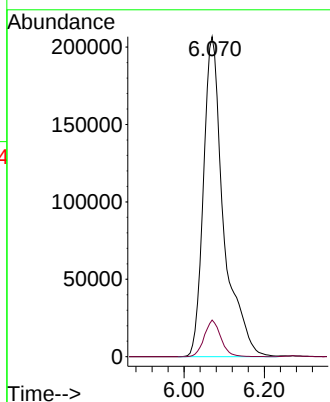
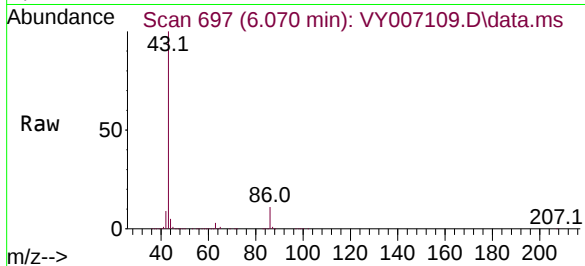




#23
 Vinyl Acetate
 Concen: 221.655 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY007109.D
 Acq: 10 Jan 2022 20:59

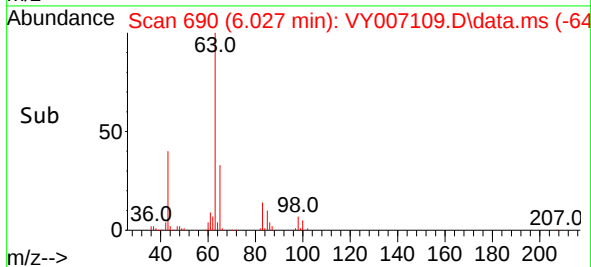
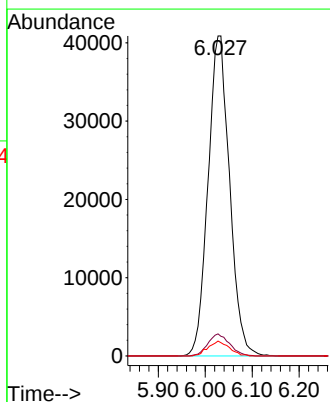
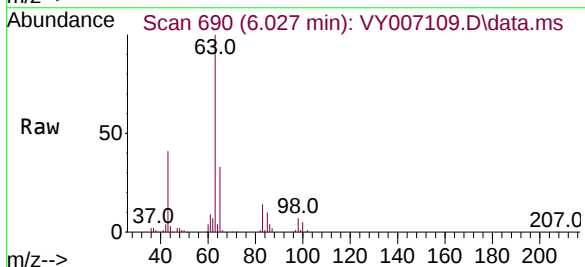
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

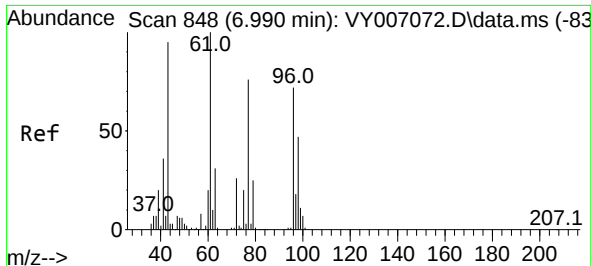
Tgt Ion: 43 Resp: 721411
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 37.947 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY007109.D
 Acq: 10 Jan 2022 20:59

Tgt Ion: 63 Resp: 130107
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.7 2.1 6.2

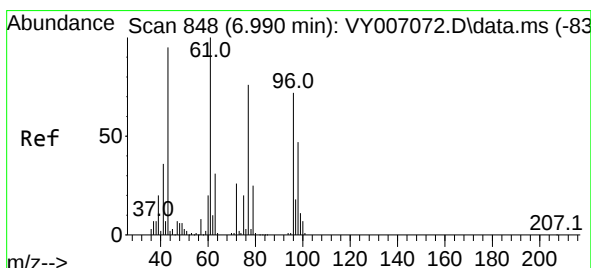
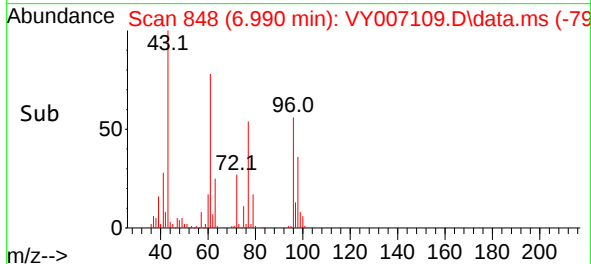
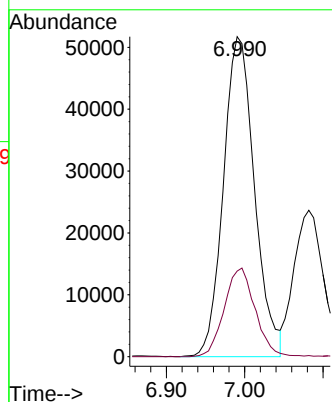
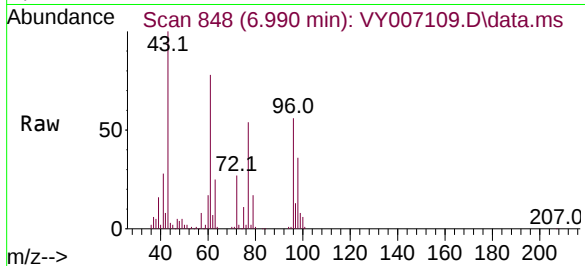




#25
2-Butanone
Concen: 258.679 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

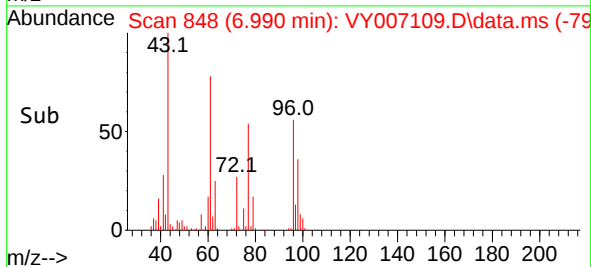
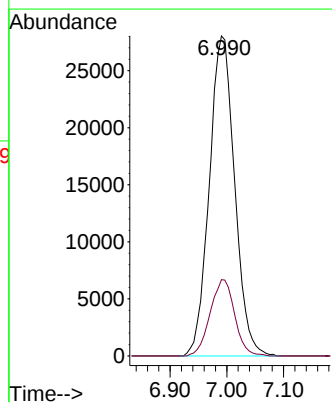
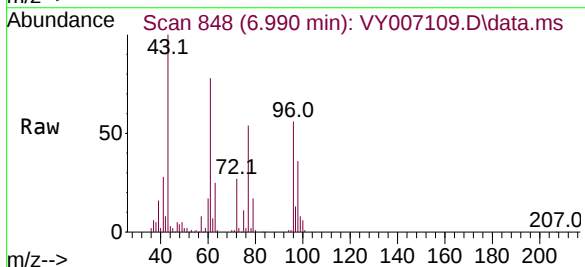
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

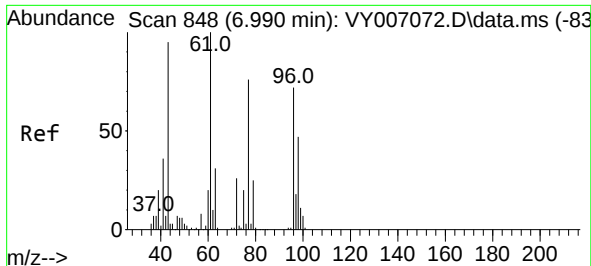
Tgt Ion: 43 Resp: 142737
Ion Ratio Lower Upper
43 100
72 26.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 32.735 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 77 Resp: 87091
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8

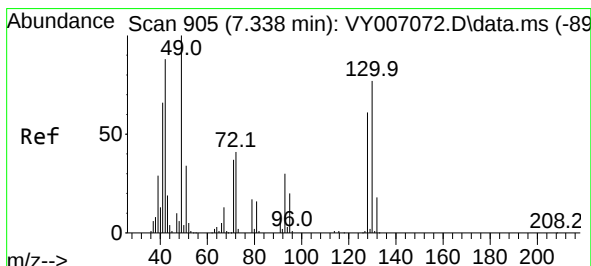
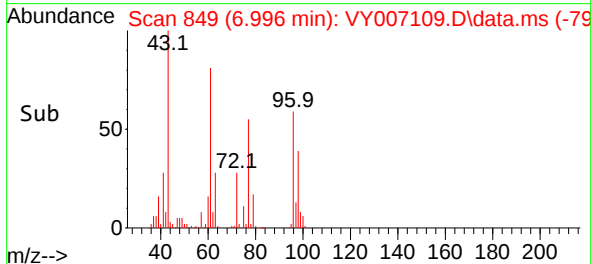
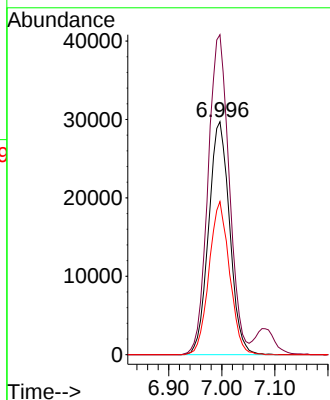
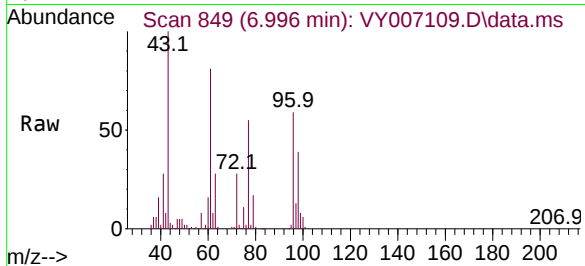




#27
 cis-1,2-Dichloroethene
 Concen: 37.036 ug/l
 RT: 6.996 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY007109.D
 Acq: 10 Jan 2022 20:59

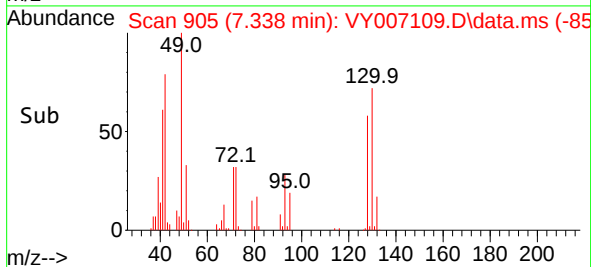
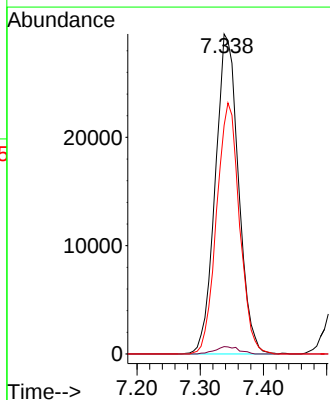
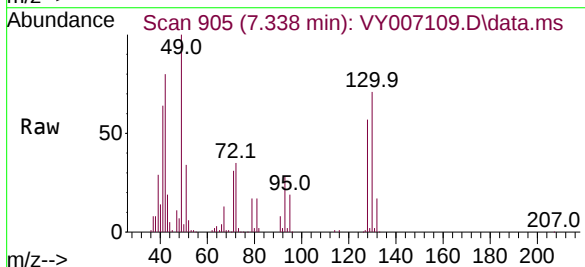
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

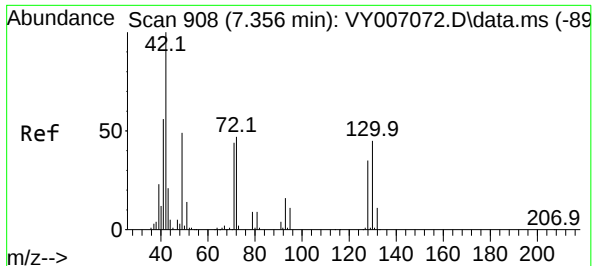
Tgt Ion: 96 Resp: 81797
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 276.8
 98 64.3 0.0 127.8



#28
 Bromochloromethane
 Concen: 58.718 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY007109.D
 Acq: 10 Jan 2022 20:59

Tgt Ion: 49 Resp: 75156
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 77.4 65.0 97.4





#29

Tetrahydrofuran

Concen: 240.523 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

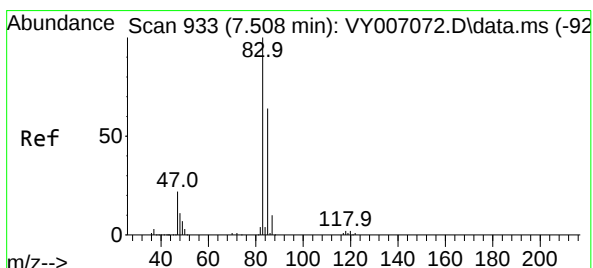
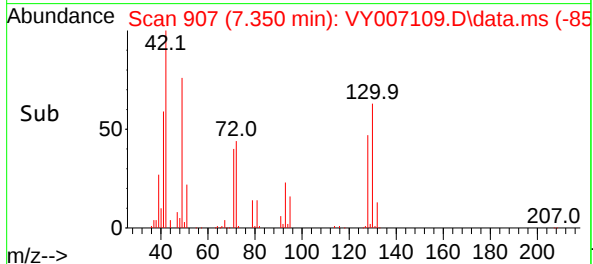
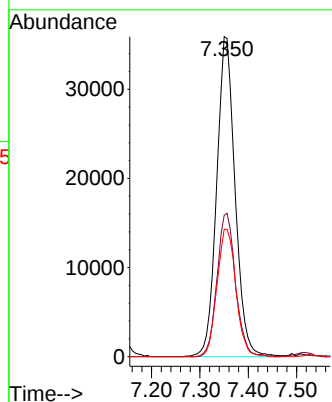
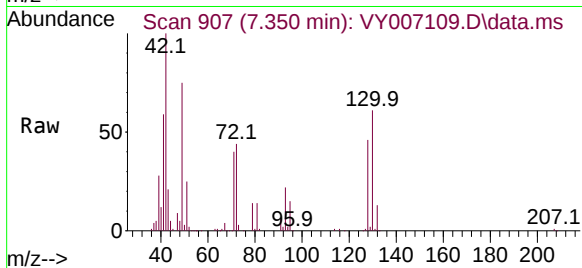
Tgt Ion: 42 Resp: 95058

Ion Ratio Lower Upper

42 100

72 45.0 36.6 54.8

71 40.8 34.1 51.1



#30

Chloroform

Concen: 38.014 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY007109.D

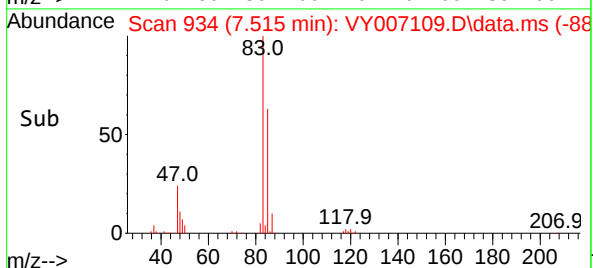
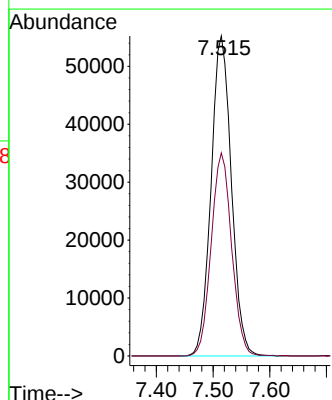
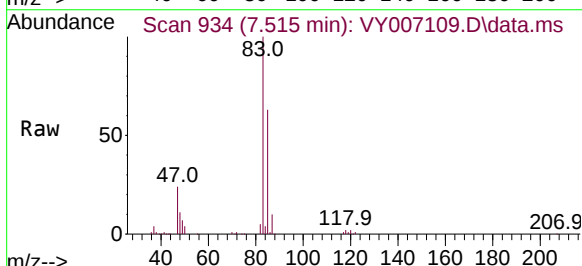
Acq: 10 Jan 2022 20:59

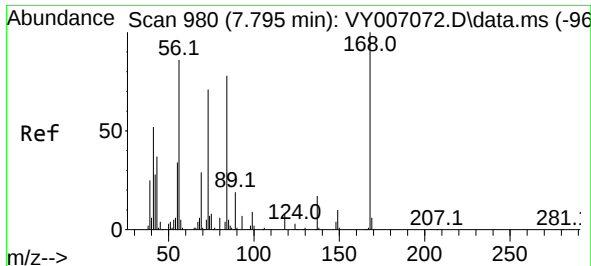
Tgt Ion: 83 Resp: 137235

Ion Ratio Lower Upper

83 100

85 63.5 50.9 76.3

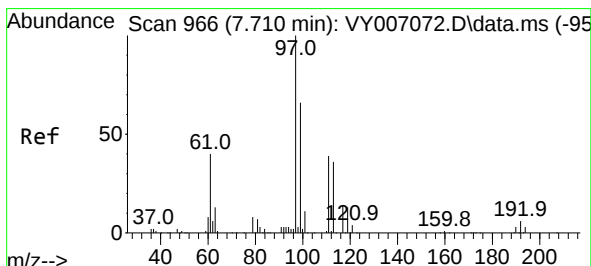
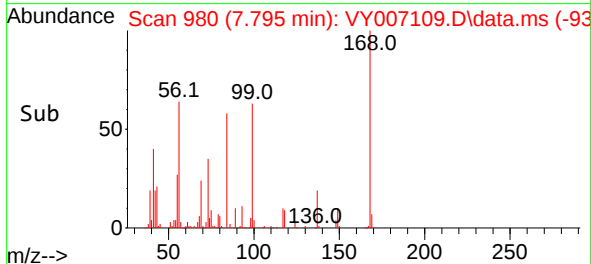
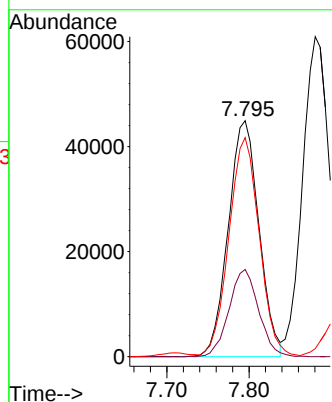
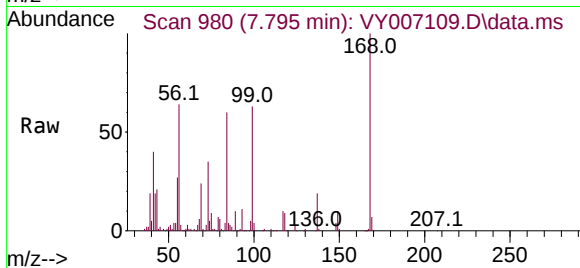




#31
Cyclohexane
Concen: 35.555 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

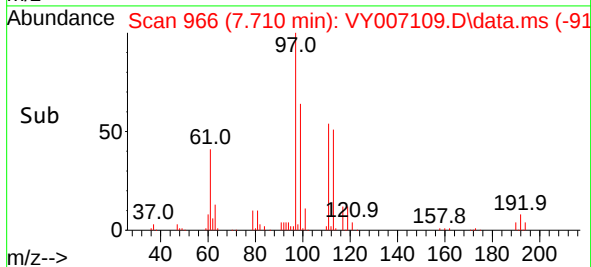
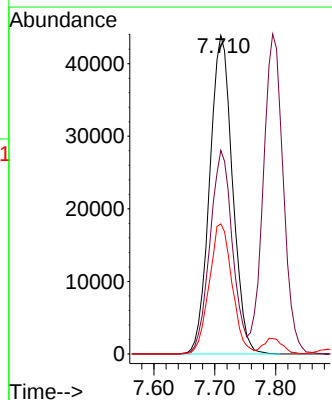
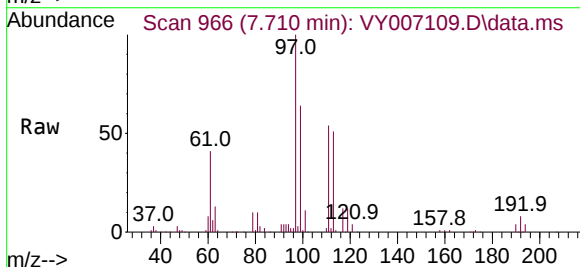
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

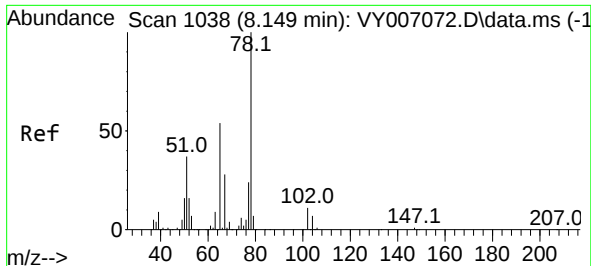
Tgt Ion: 56 Resp: 116480
Ion Ratio Lower Upper
56 100
69 37.0 27.2 40.8
84 91.2 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 36.365 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 97 Resp: 114168
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 40.9 32.2 48.2

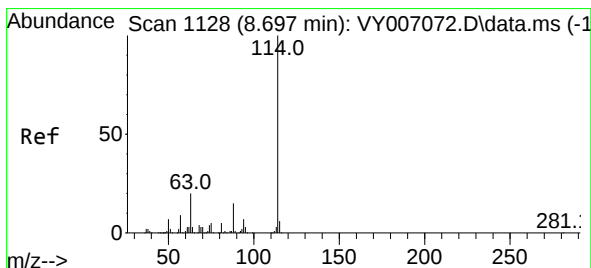
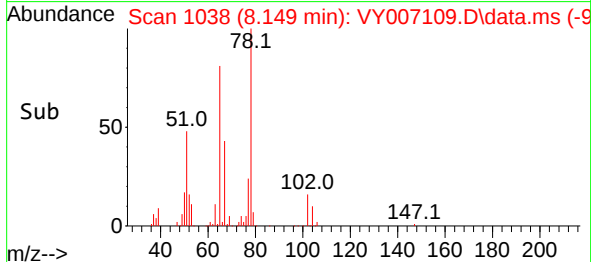
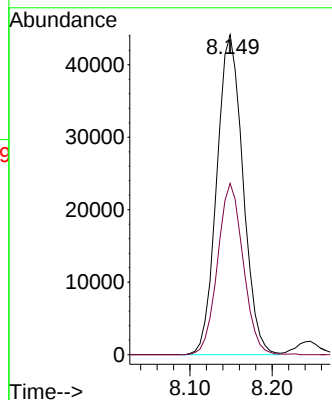
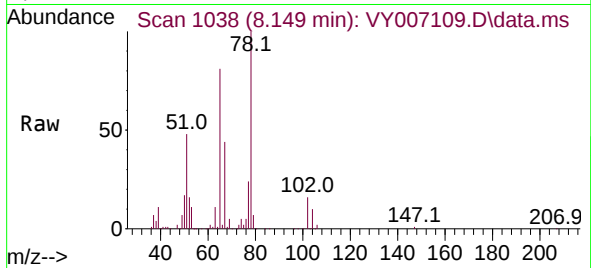




#33
 1,2-Dichloroethane-d4
 Concen: 51.343 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY007109.D
 Acq: 10 Jan 2022 20:59

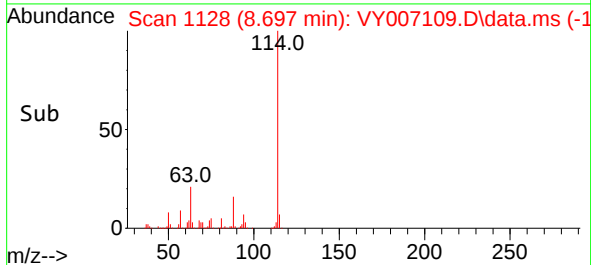
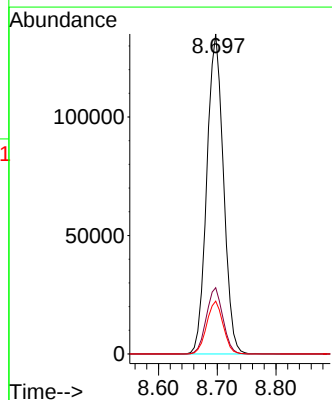
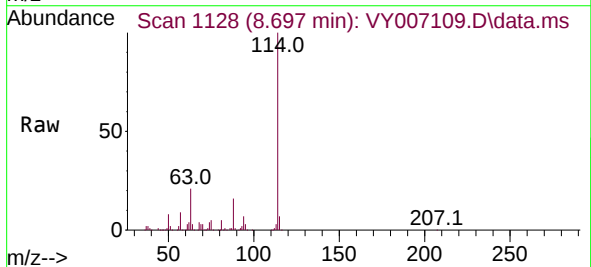
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

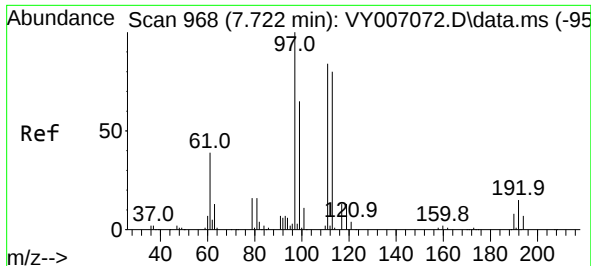
Tgt Ion: 65 Resp: 97726
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY007109.D
 Acq: 10 Jan 2022 20:59

Tgt Ion: 114 Resp: 265513
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 16.5 0.0 31.0

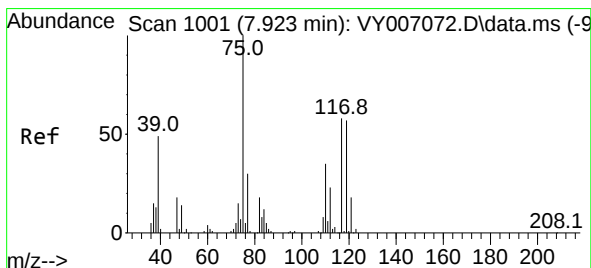
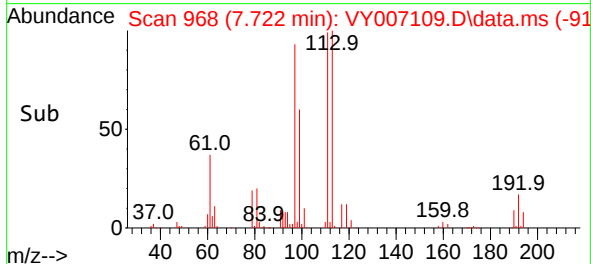
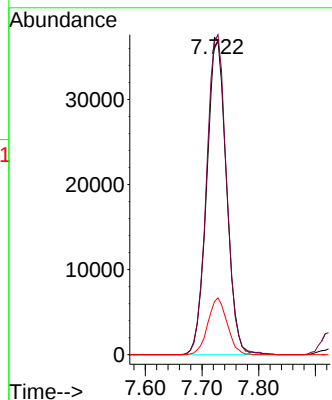
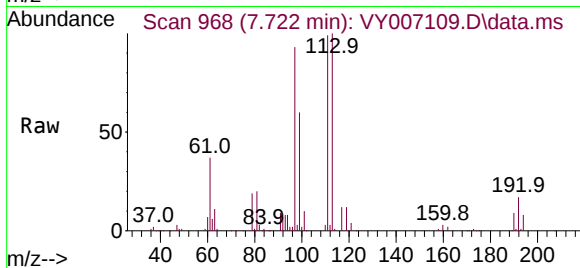




#35
Dibromofluoromethane
Concen: 50.784 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

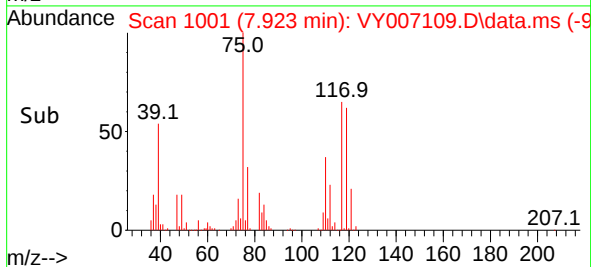
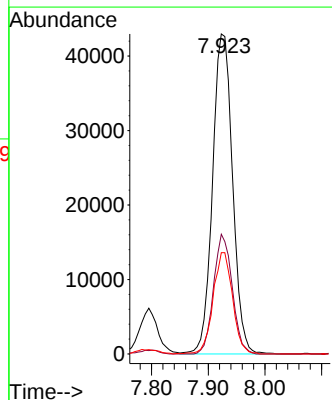
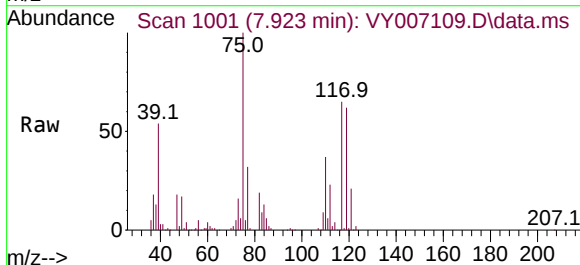
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

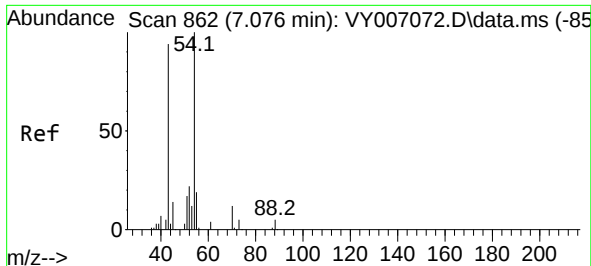
Tgt Ion:113 Resp: 89867
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 37.581 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 75 Resp: 105376
Ion Ratio Lower Upper
75 100
110 34.8 17.3 51.9
77 30.8 24.7 37.1

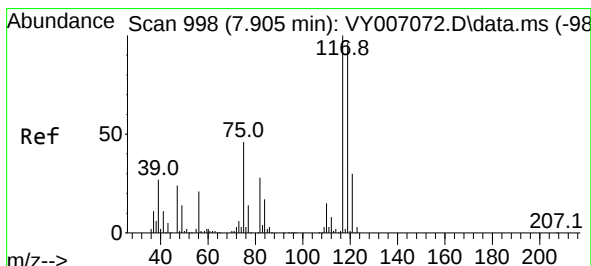
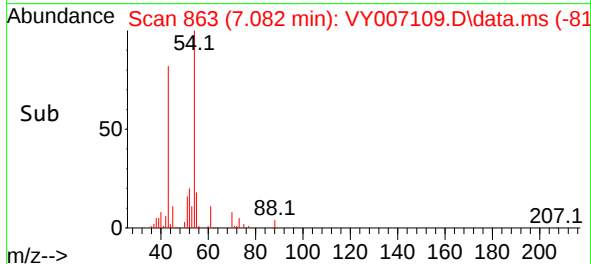
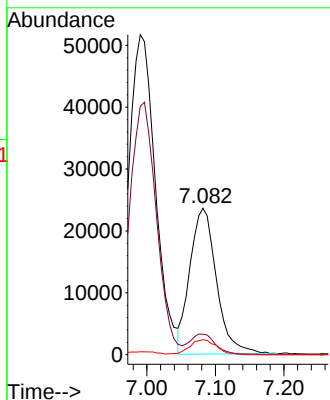
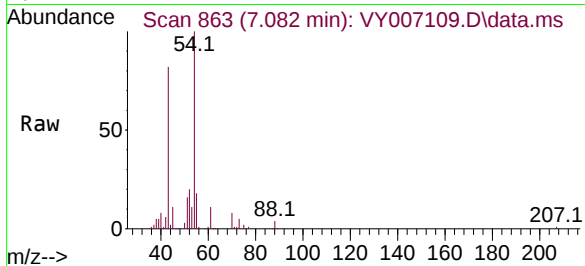




#37
Ethyl Acetate
Concen: 46.428 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

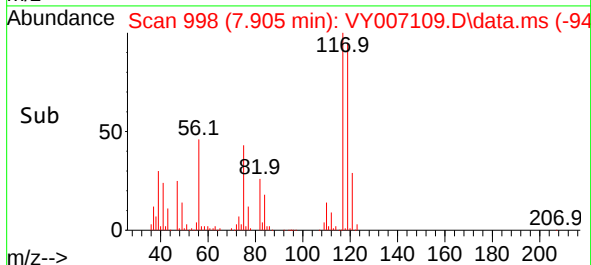
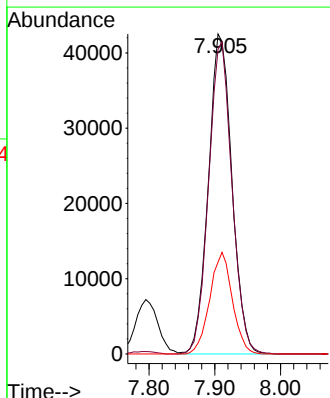
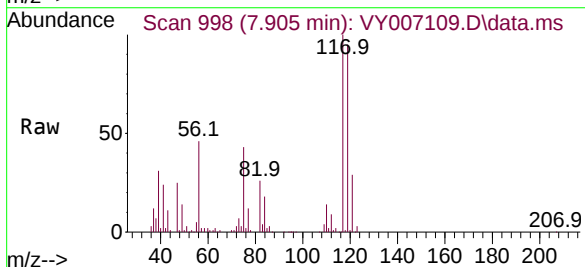
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

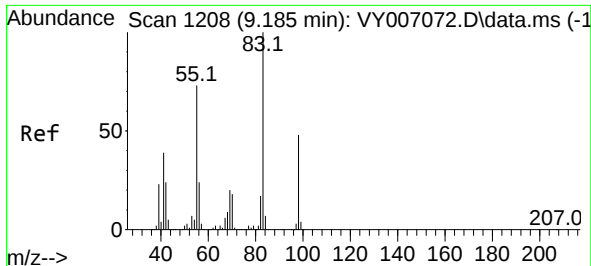
Tgt Ion: 43 Resp: 63714
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.8
70 10.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 36.135 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 117 Resp: 105868
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 36.953 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

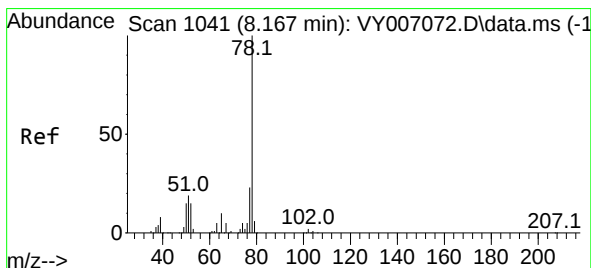
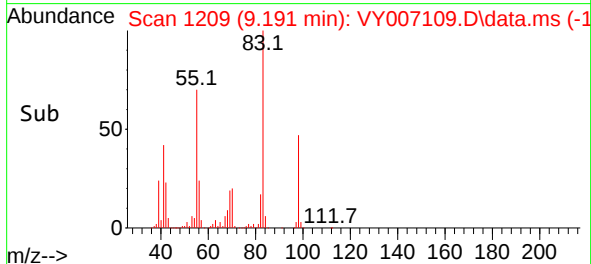
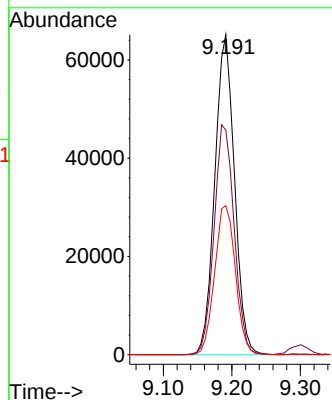
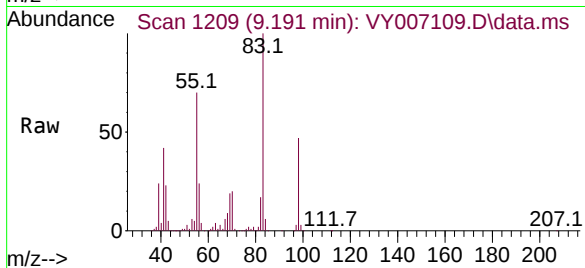
Tgt Ion: 83 Resp: 129587

Ion Ratio Lower Upper

83 100

55 70.2 58.8 88.2

98 46.5 38.7 58.1



#40

Benzene

Concen: 38.183 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY007109.D

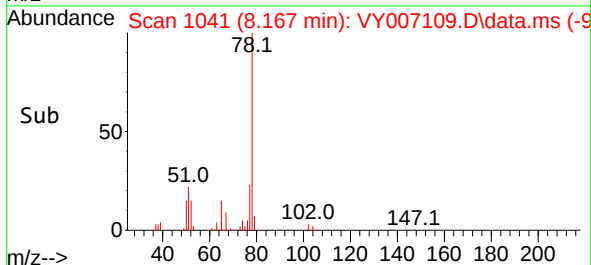
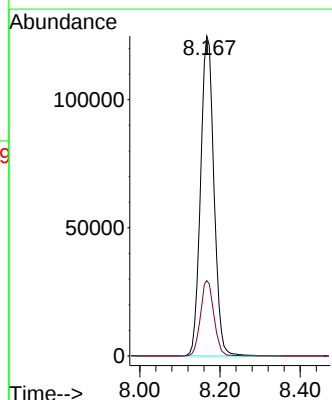
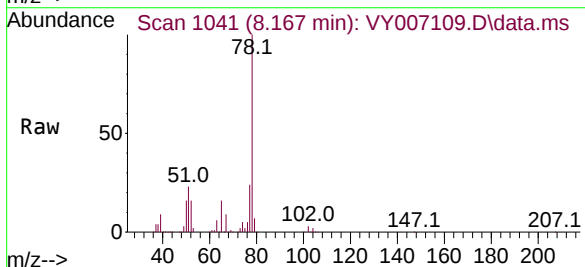
Acq: 10 Jan 2022 20:59

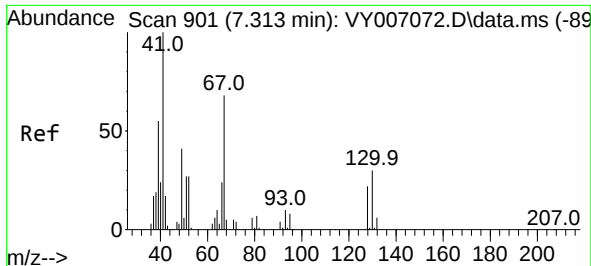
Tgt Ion: 78 Resp: 288260

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

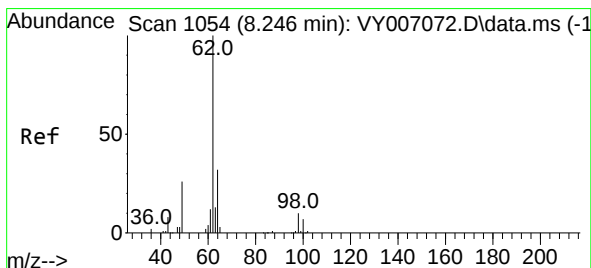
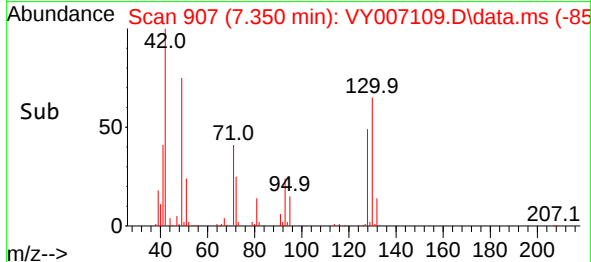
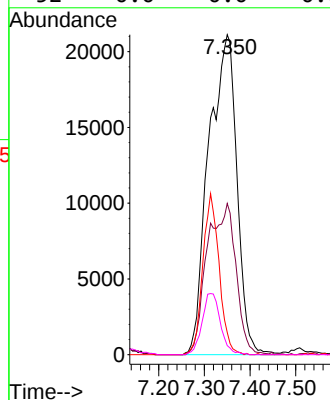
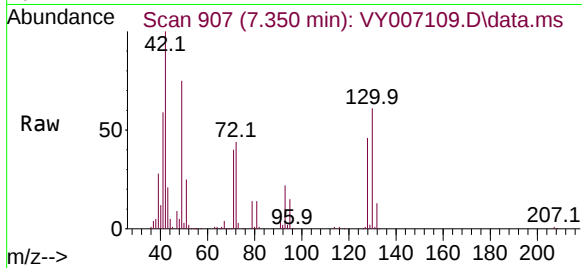




#41
Methacrylonitrile
Concen: 115.657 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

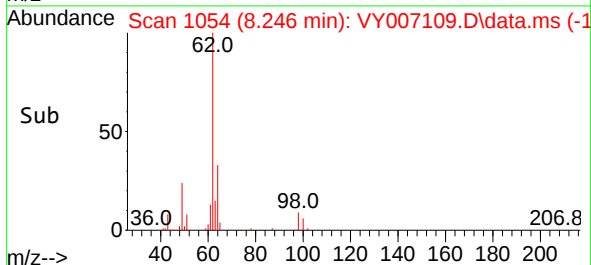
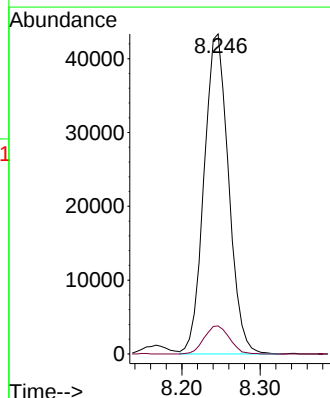
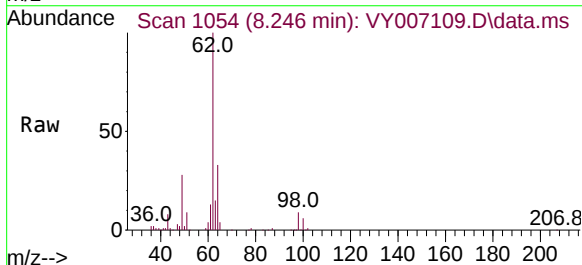
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

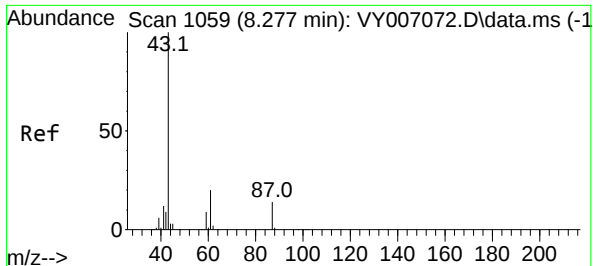
Tgt Ion:	41	Resp:	90233
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 40.896 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion:	62	Resp:	94267
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

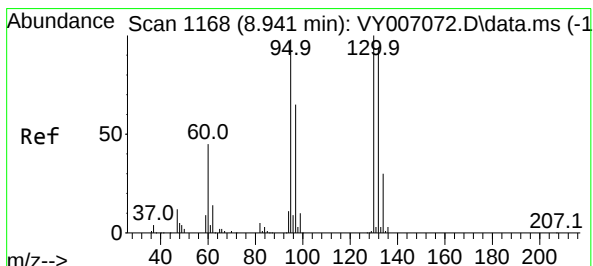
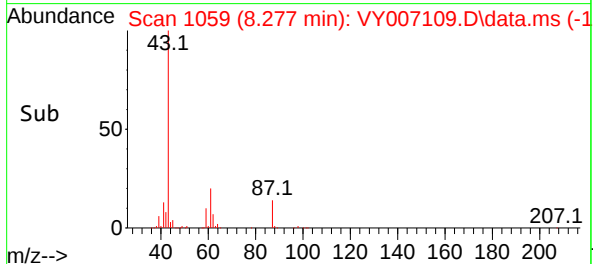
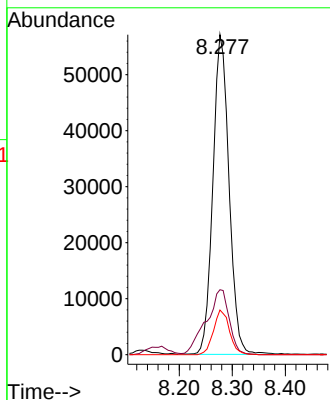
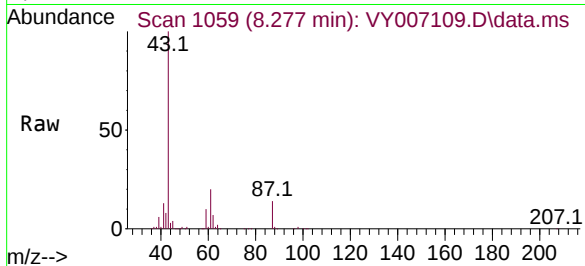




#43
Isopropyl Acetate
Concen: 45.349 ug/l
RT: 8.277 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

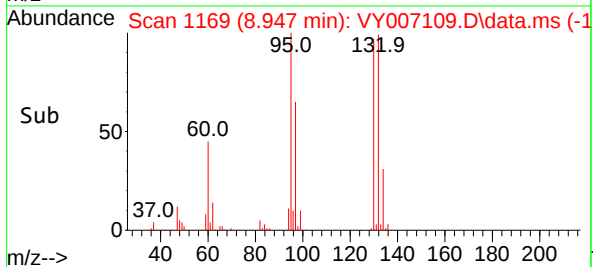
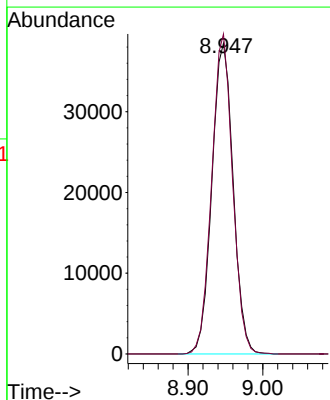
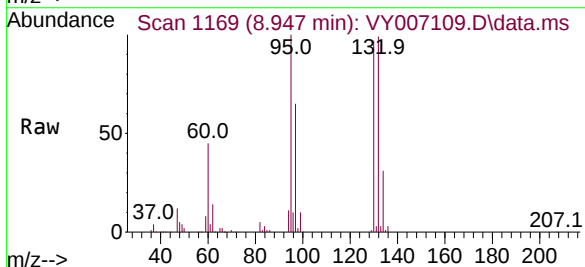
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

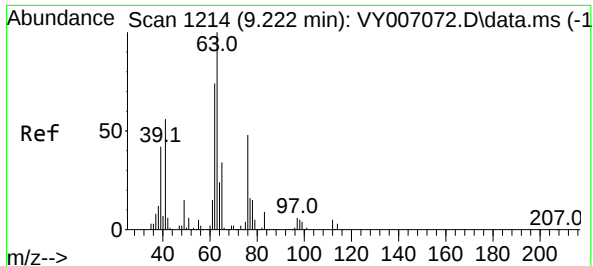
Tgt Ion: 43 Resp: 120761
Ion Ratio Lower Upper
43 100
61 28.9 23.8 35.8
87 13.8 11.6 17.4



#44
Trichloroethene
Concen: 36.477 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 130 Resp: 76198
Ion Ratio Lower Upper
130 100
95 103.0 0.0 196.6





#45

1,2-Dichloropropane

Concen: 38.728 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

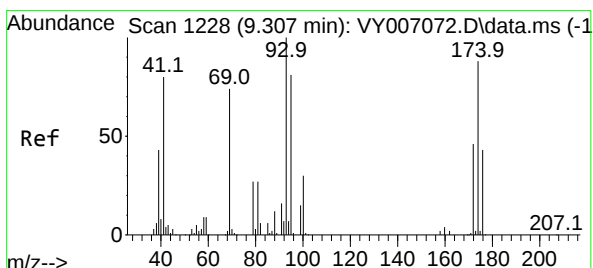
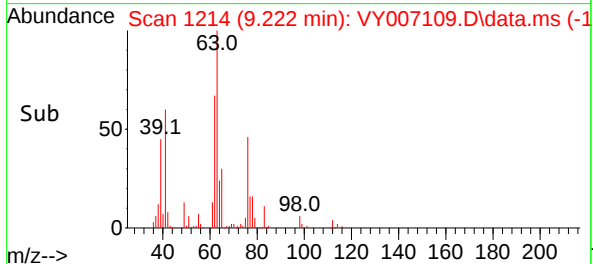
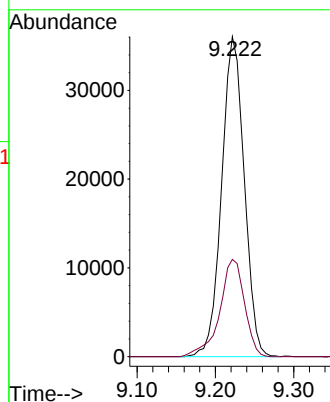
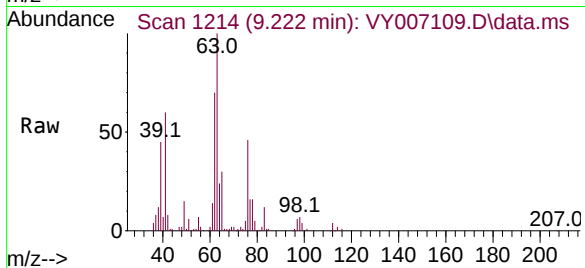
VSTDCCC050EC

Tgt Ion: 63 Resp: 72384

Ion Ratio Lower Upper

63 100

65 30.4 26.9 40.3



#46

Dibromomethane

Concen: 40.236 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

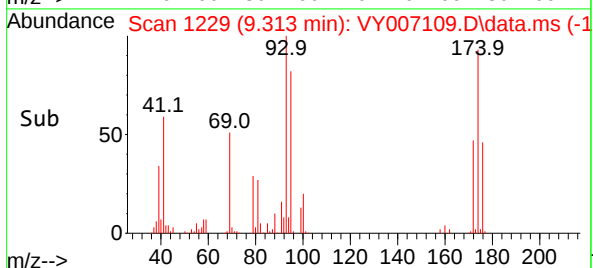
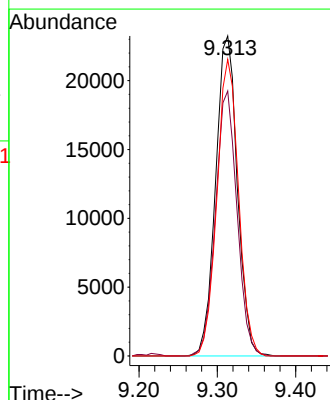
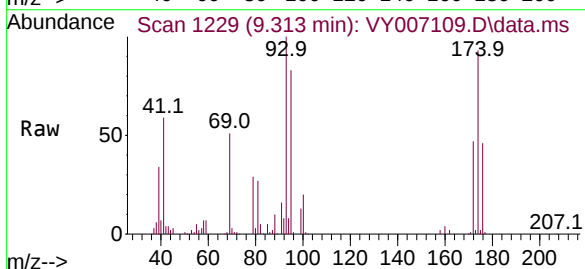
Tgt Ion: 93 Resp: 44838

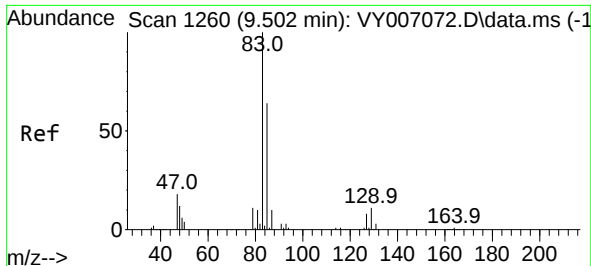
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.6

174 92.1 75.4 113.0

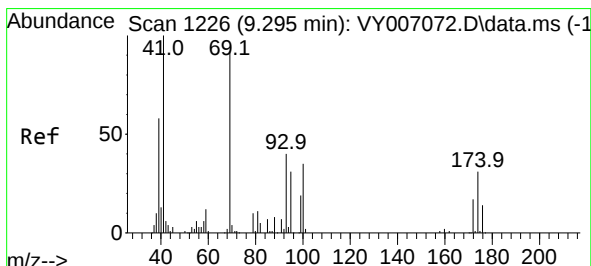
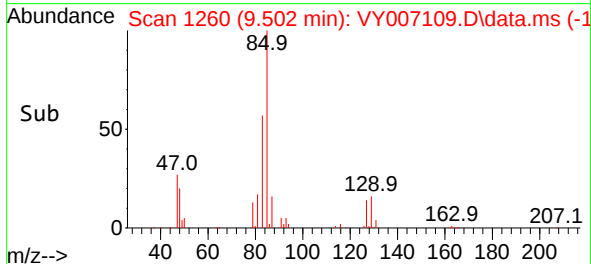
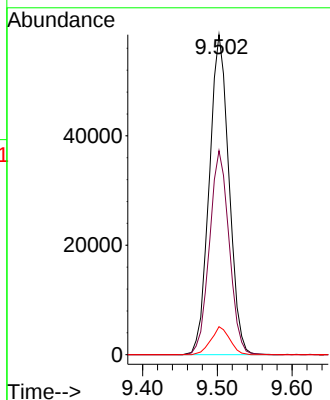
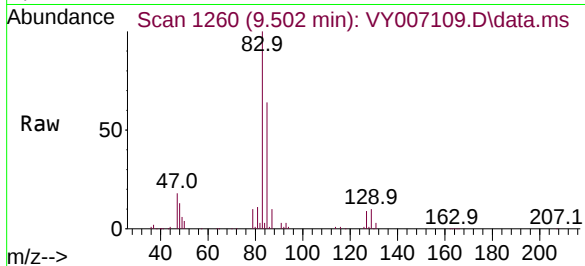




#47
Bromodichloromethane
Concen: 38.445 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

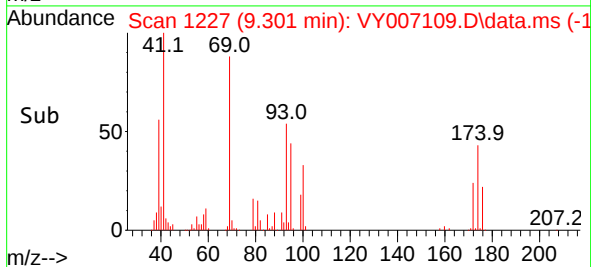
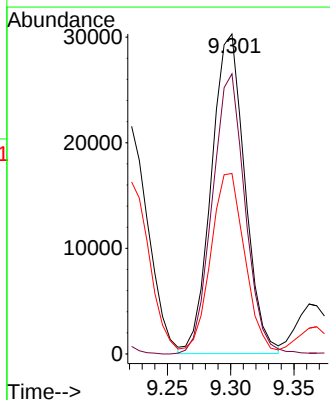
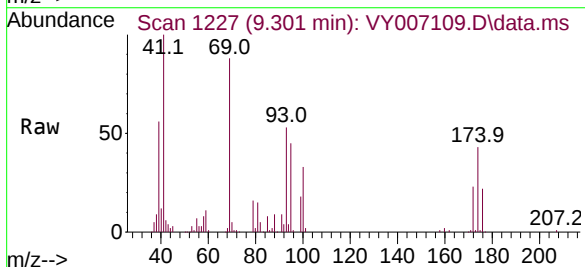
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

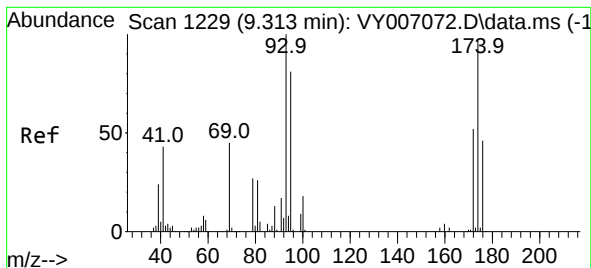
Tgt Ion: 83 Resp: 107009
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2
127 8.8 6.5 9.7



#48
Methyl methacrylate
Concen: 46.429 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 41 Resp: 55737
Ion Ratio Lower Upper
41 100
69 85.9 70.5 105.7
39 55.2 43.8 65.8





#49

1,4-Dioxane

Concen: 731.522 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

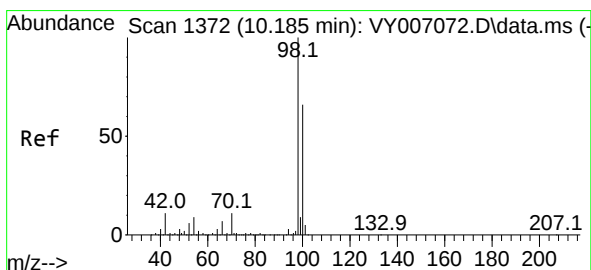
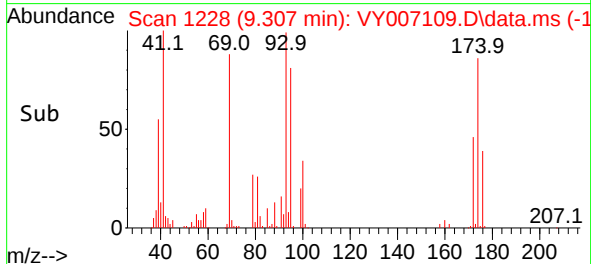
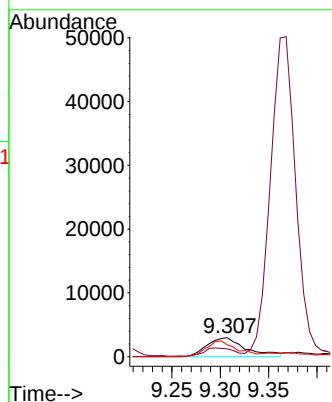
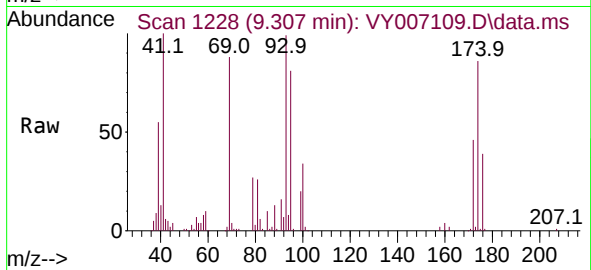
Tgt Ion: 88 Resp: 8307

Ion Ratio Lower Upper

88 100

43 34.2 22.0 33.0#

58 67.0 58.6 87.8



#50

Toluene-d8

Concen: 49.730 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY007109.D

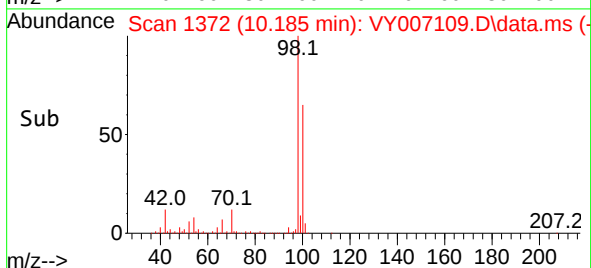
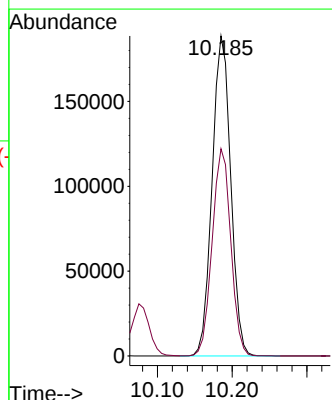
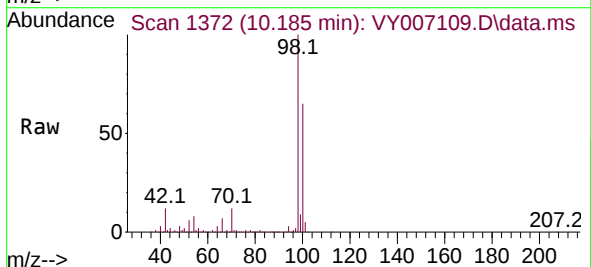
Acq: 10 Jan 2022 20:59

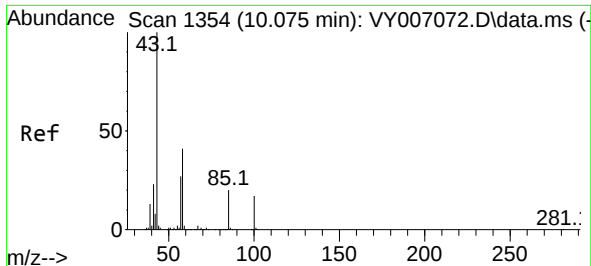
Tgt Ion: 98 Resp: 325054

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

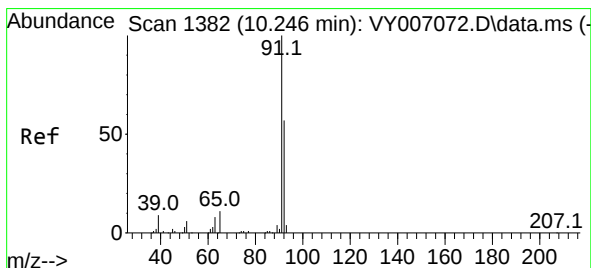
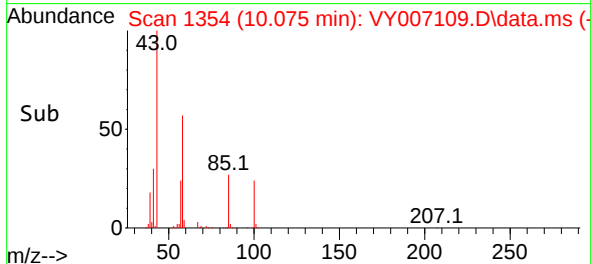
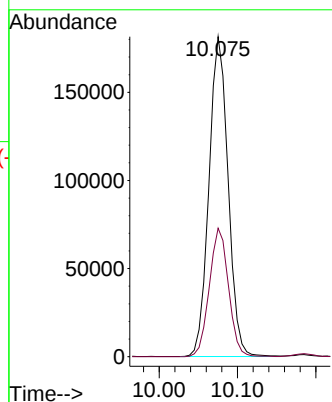
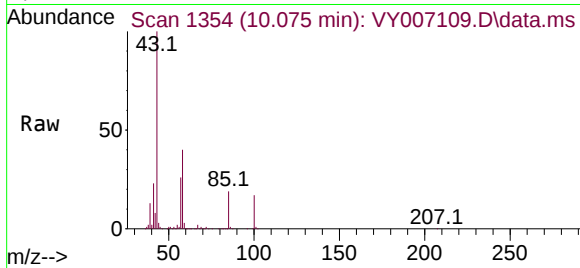




#51
4-Methyl-2-Pentanone
Concen: 234.968 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

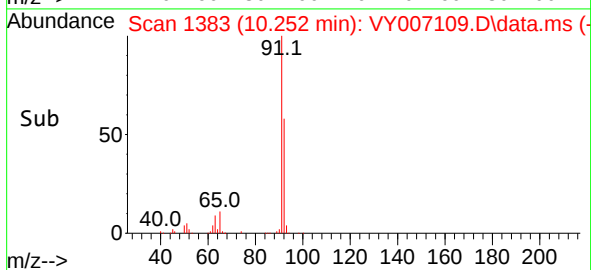
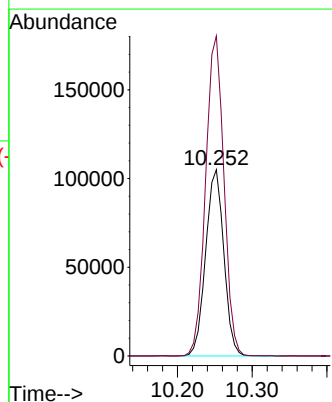
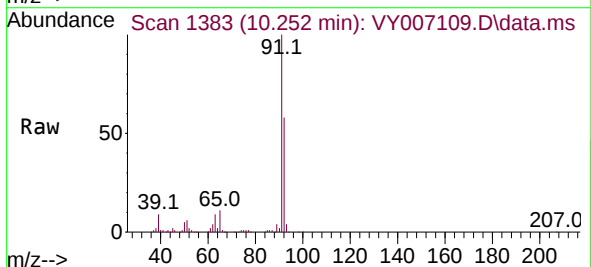
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

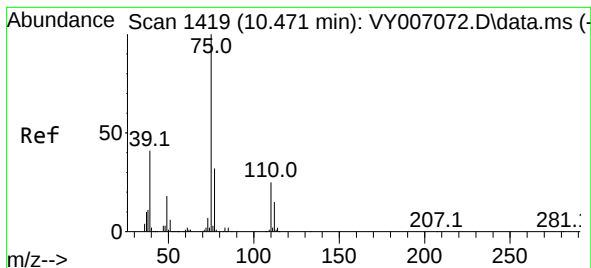
Tgt Ion: 43 Resp: 308215
Ion Ratio Lower Upper
43 100
58 40.2 32.8 49.2



#52
Toluene
Concen: 36.888 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 92 Resp: 177287
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8

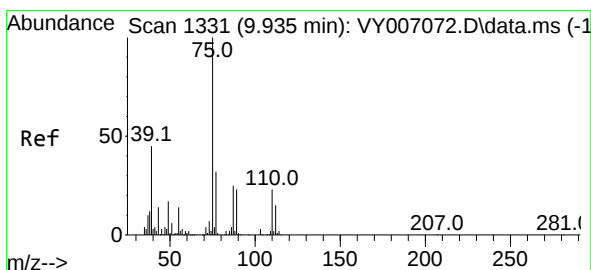
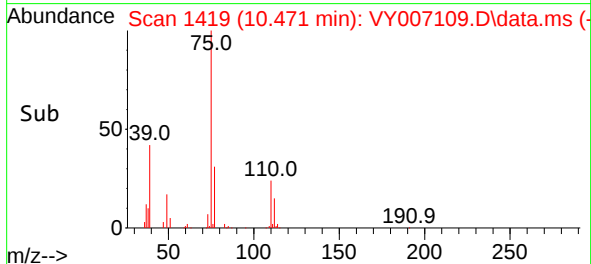
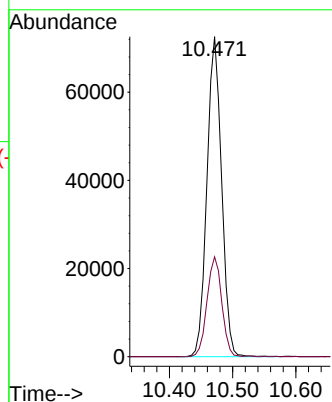
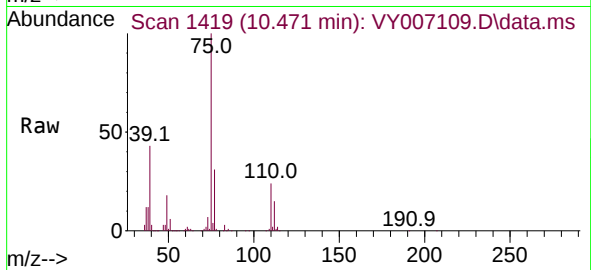




#53
t-1,3-Dichloropropene
Concen: 40.255 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

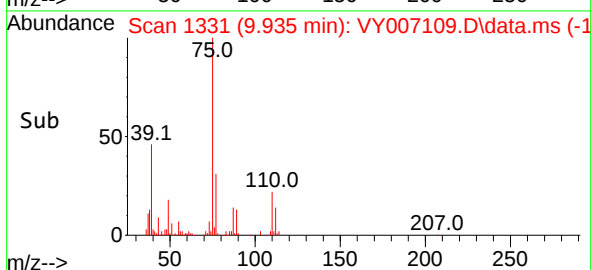
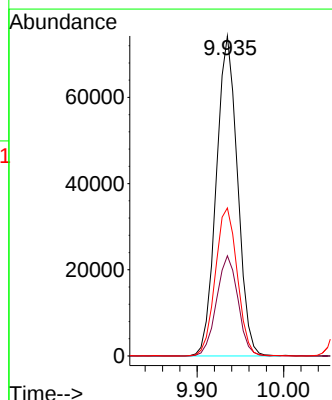
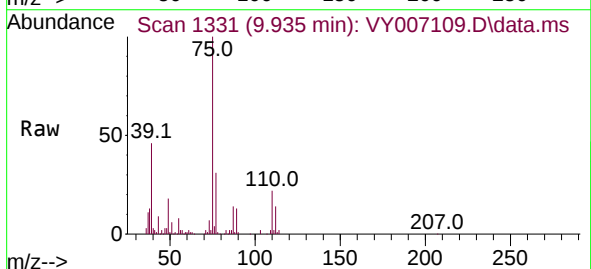
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

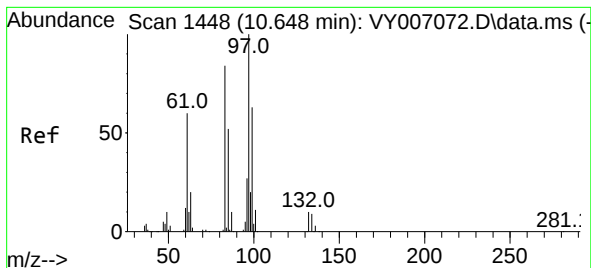
Tgt Ion: 75 Resp: 117086
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 38.515 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 75 Resp: 126351
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 46.2 36.1 54.1



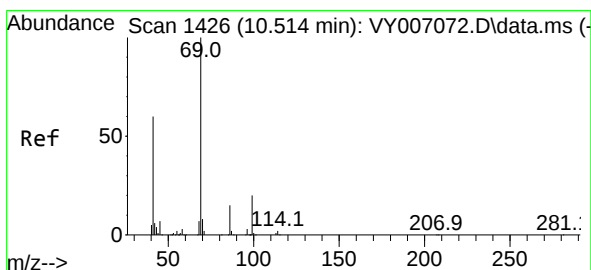
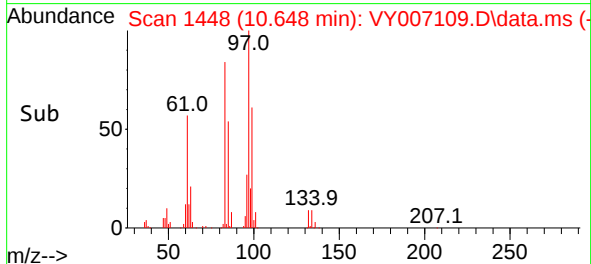
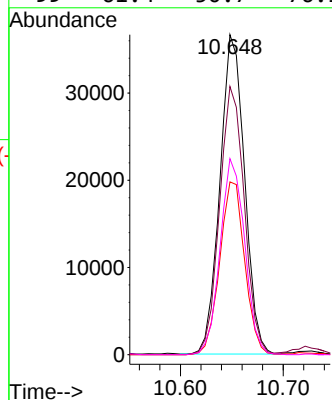
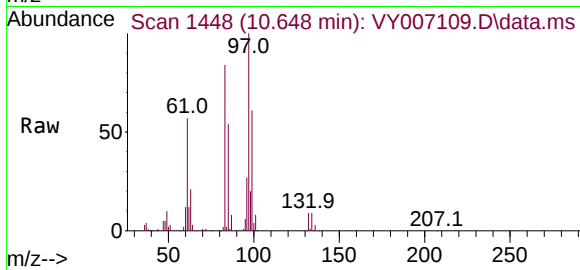


#55
1,1,2-Trichloroethane
Concen: 40.148 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 60787

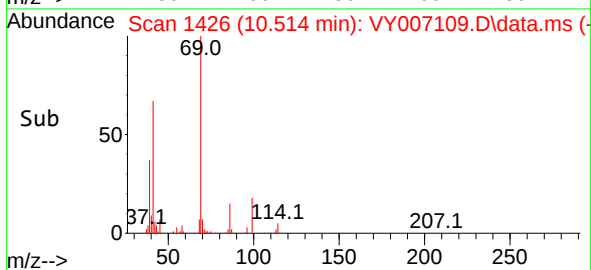
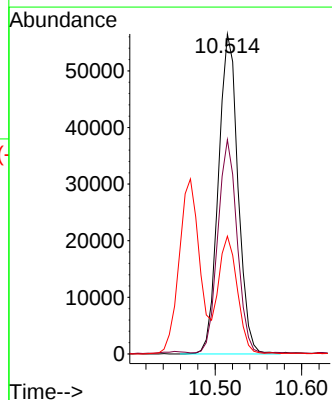
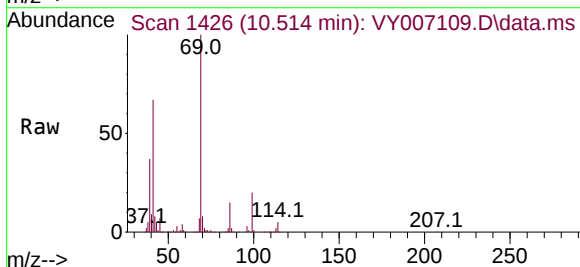
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.0	100.4
85	54.1	41.2	61.8
99	61.4	50.7	76.1

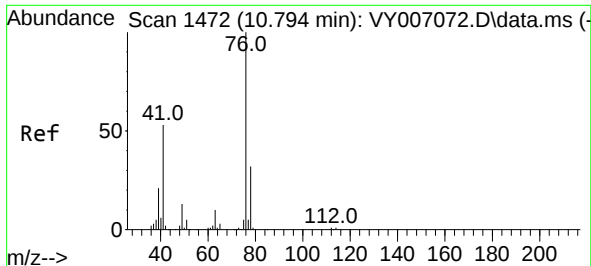


#56
Ethyl methacrylate
Concen: 41.800 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 69 Resp: 88900

Ion	Ratio	Lower	Upper
69	100		
41	65.1	49.4	74.0
39	34.3	27.7	41.5





#57

1,3-Dichloropropane

Concen: 39.794 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

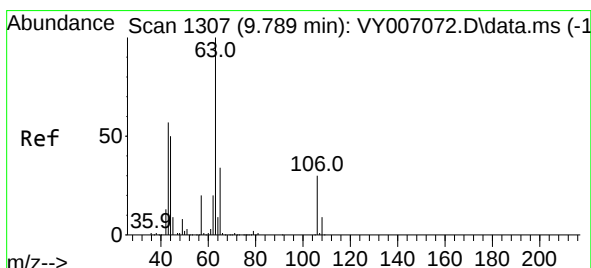
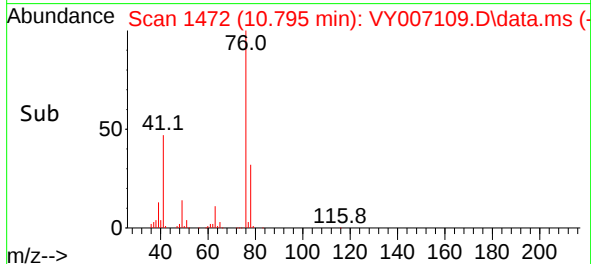
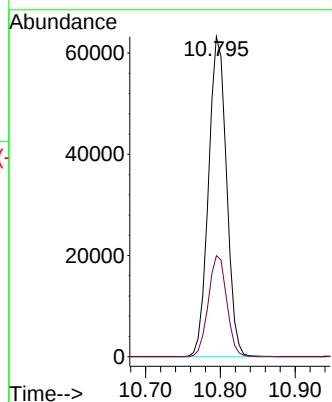
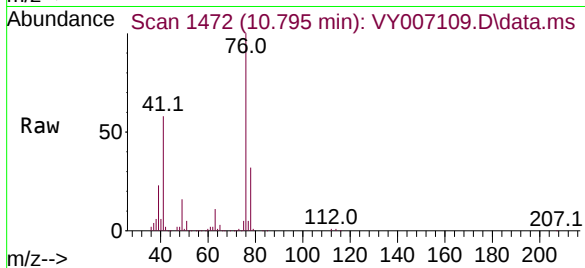
VSTDCCC050EC

Tgt Ion: 76 Resp: 105723

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 247.281 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY007109.D

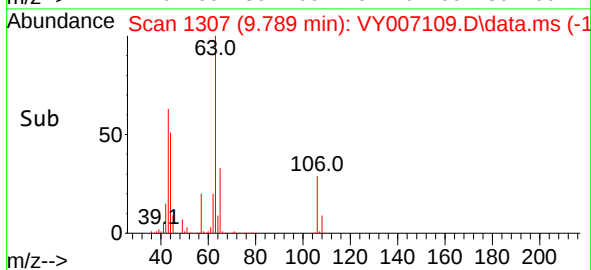
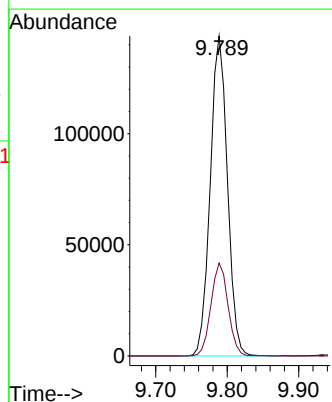
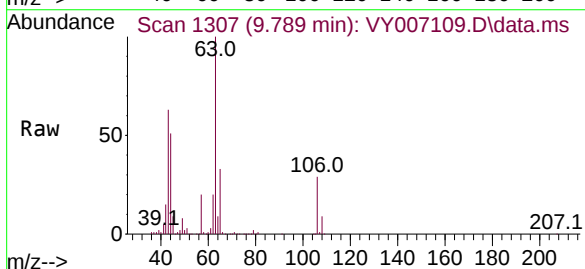
Acq: 10 Jan 2022 20:59

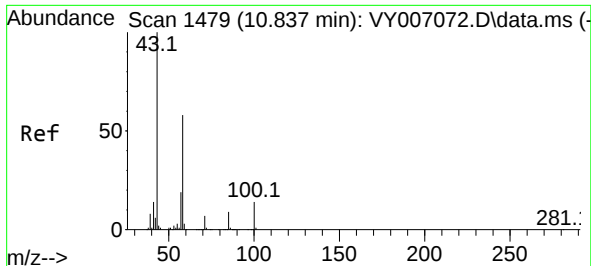
Tgt Ion: 63 Resp: 240048

Ion Ratio Lower Upper

63 100

106 28.8 23.3 34.9

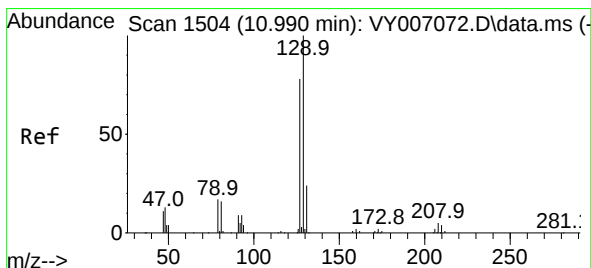
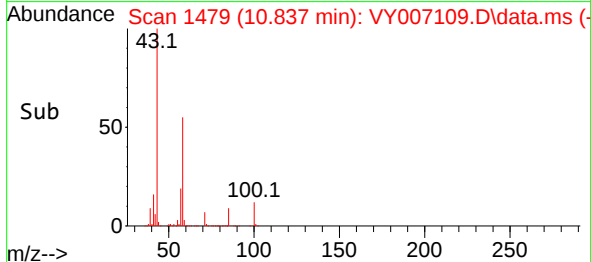
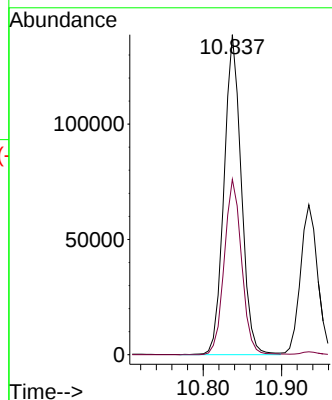
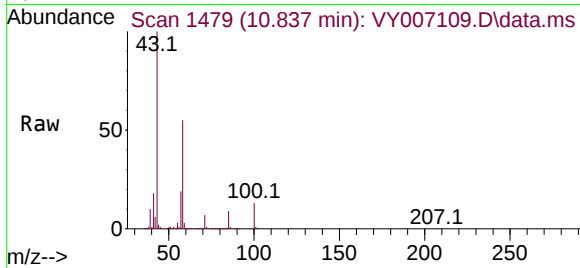




#59
2-Hexanone
Concen: 250.552 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

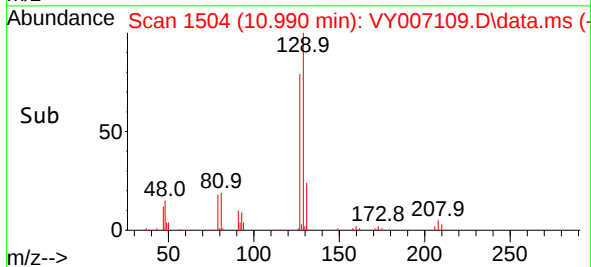
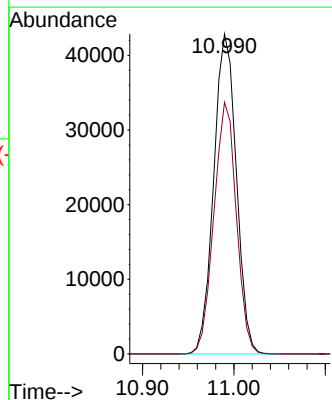
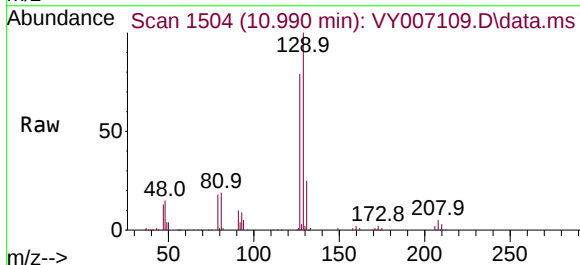
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

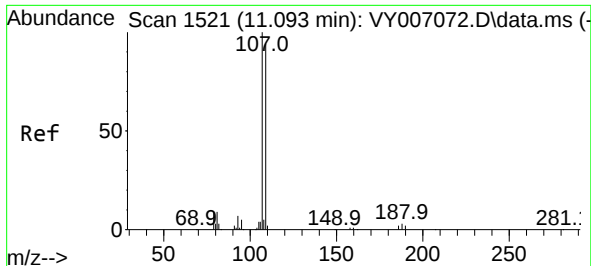
Tgt Ion: 43 Resp: 213212
Ion Ratio Lower Upper
43 100
58 54.9 28.4 85.3



#60
Dibromochloromethane
Concen: 39.023 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 129 Resp: 73720
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

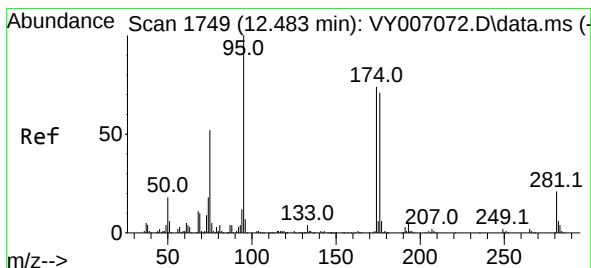
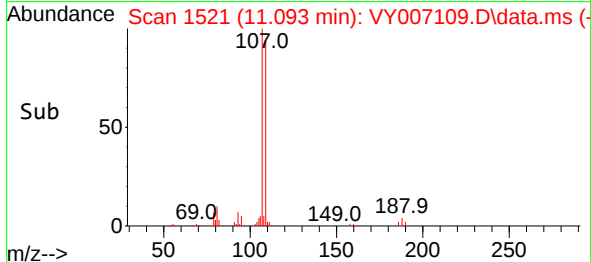
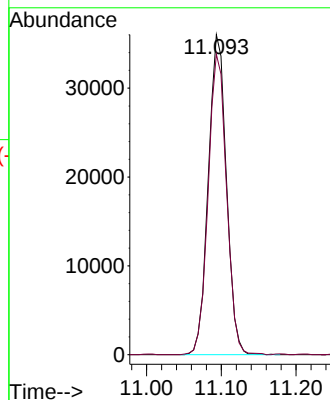
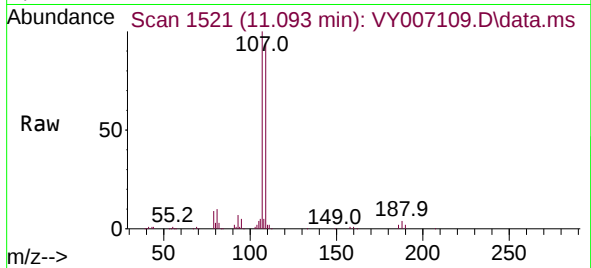




#61
1,2-Dibromoethane
Concen: 40.016 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

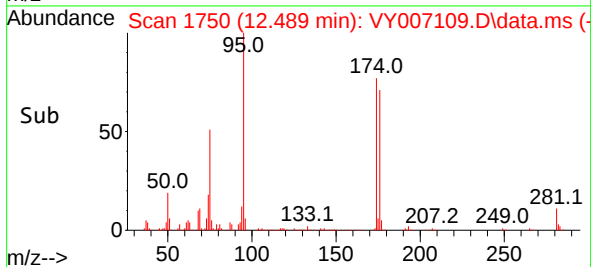
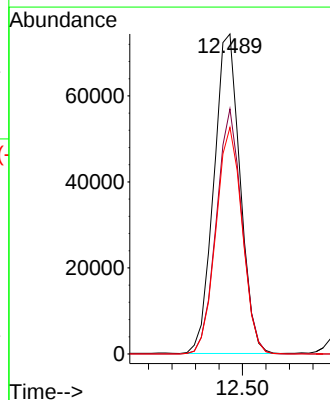
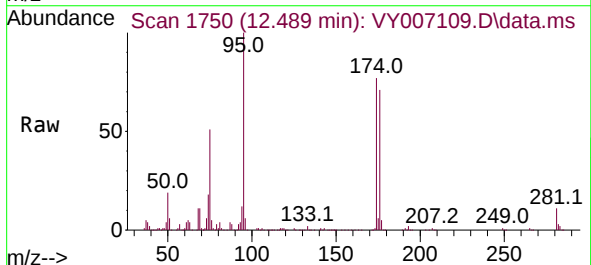
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

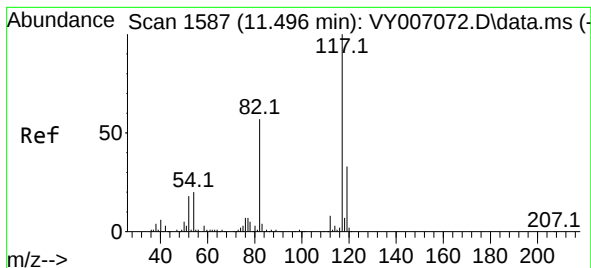
Tgt Ion:107 Resp: 60613
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 95 Resp: 115275
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.4
176 71.0 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

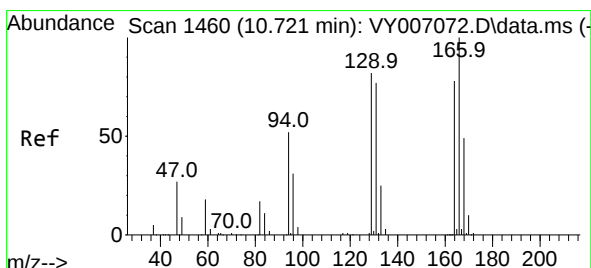
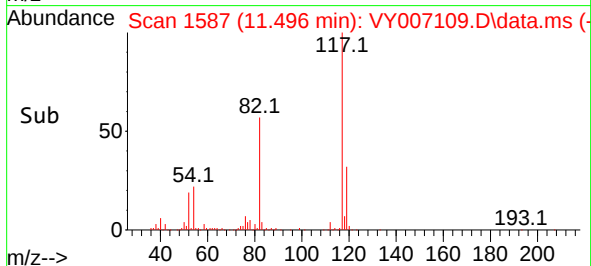
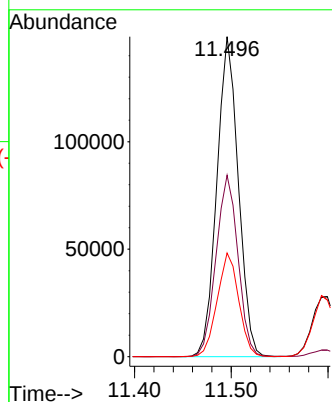
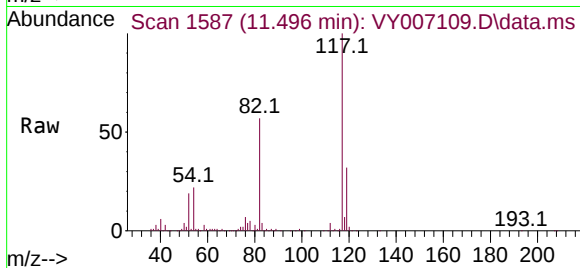
Tgt Ion:117 Resp: 229561

Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.0

119 32.4 26.4 39.6



#64

Tetrachloroethene

Concen: 37.230 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Tgt Ion:164 Resp: 60976

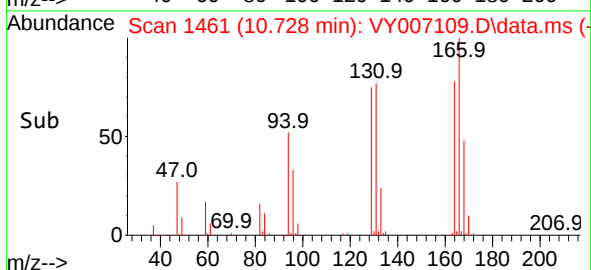
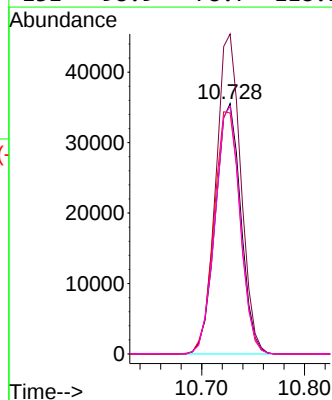
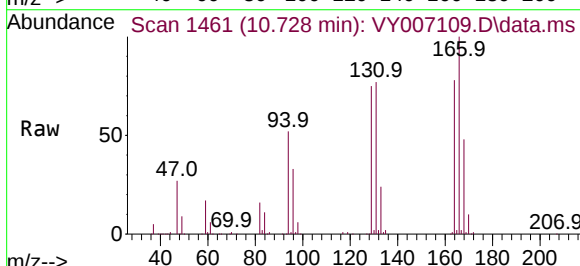
Ion Ratio Lower Upper

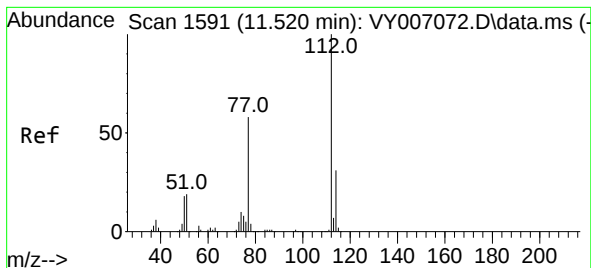
164 100

166 127.8 102.6 154.0

129 96.2 84.6 127.0

131 98.9 78.7 118.1





#65

Chlorobenzene

Concen: 37.409 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

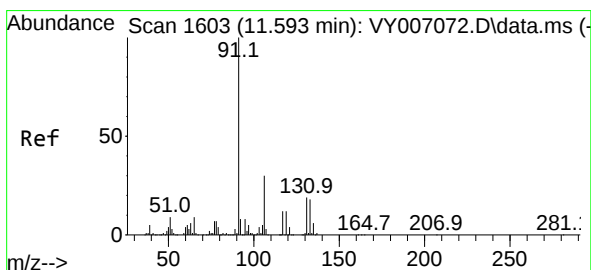
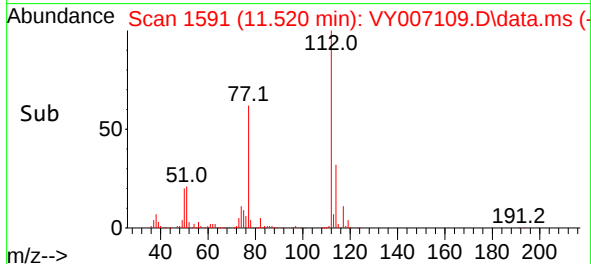
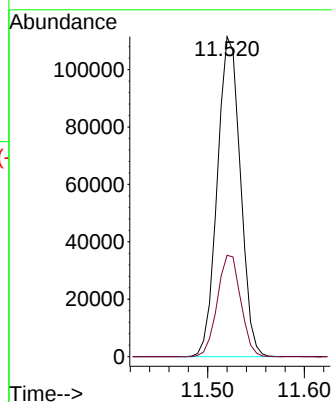
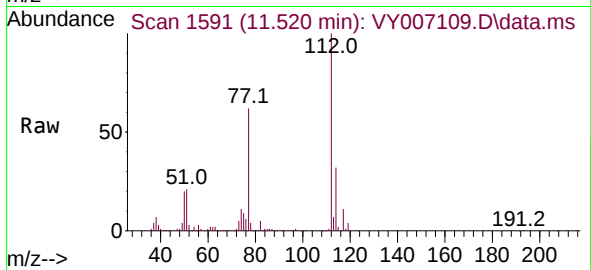
VSTDCCC050EC

Tgt Ion:112 Resp: 184800

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 38.643 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

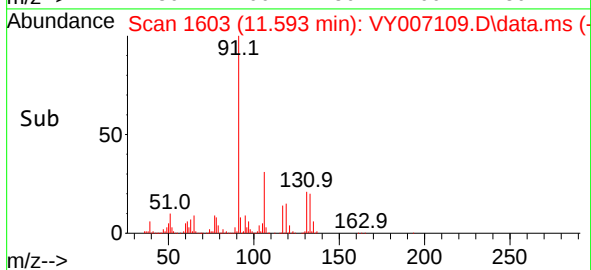
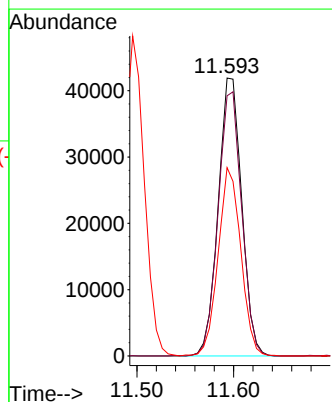
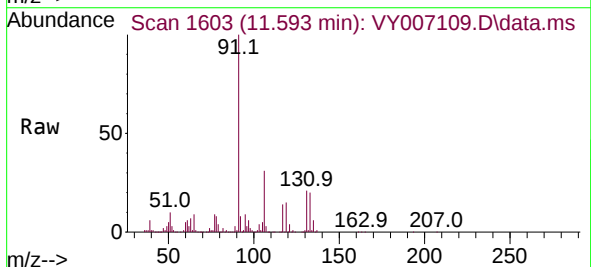
Tgt Ion:131 Resp: 70683

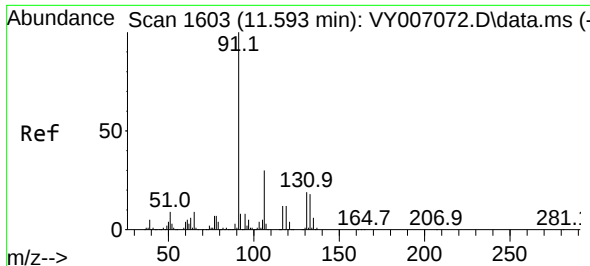
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.5

119 65.5 32.6 97.7





#67

Ethyl Benzene

Concen: 37.492 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

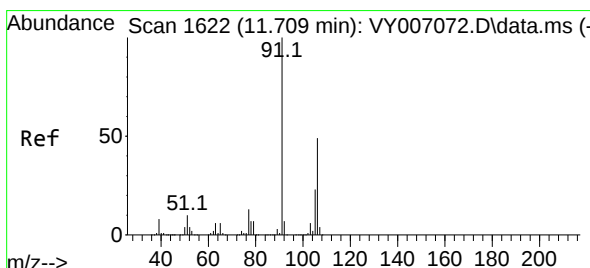
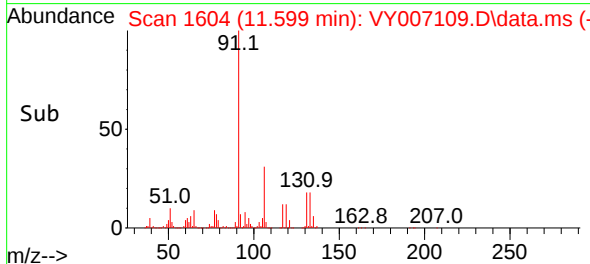
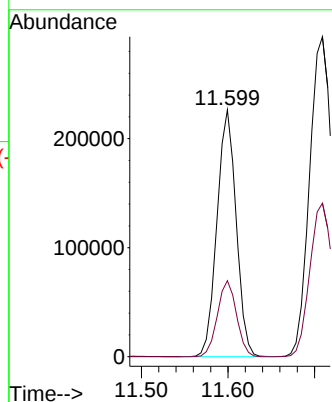
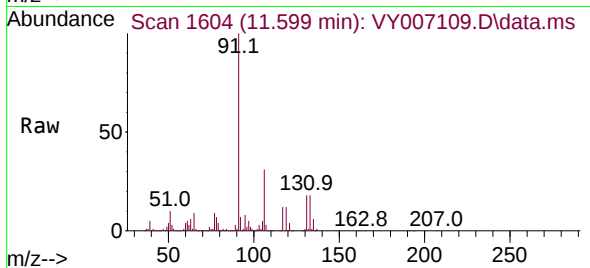
VSTDCCC050EC

Tgt Ion: 91 Resp: 347891

Ion Ratio Lower Upper

91 100

106 30.8 23.9 35.9



#68

m/p-Xylenes

Concen: 74.543 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY007109.D

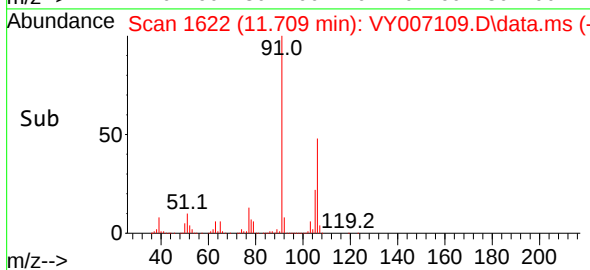
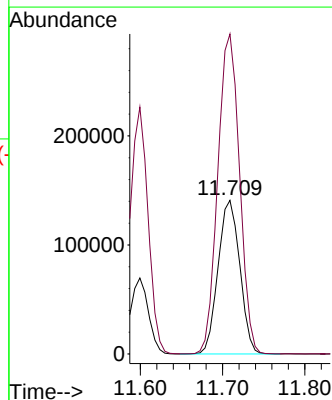
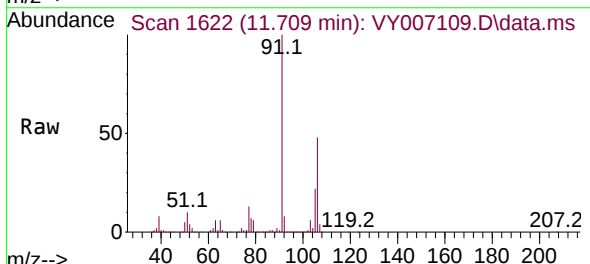
Acq: 10 Jan 2022 20:59

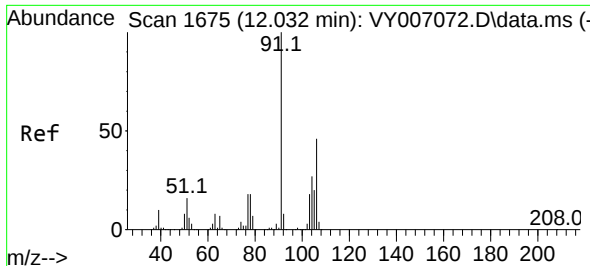
Tgt Ion: 106 Resp: 258711

Ion Ratio Lower Upper

106 100

91 208.7 167.1 250.7

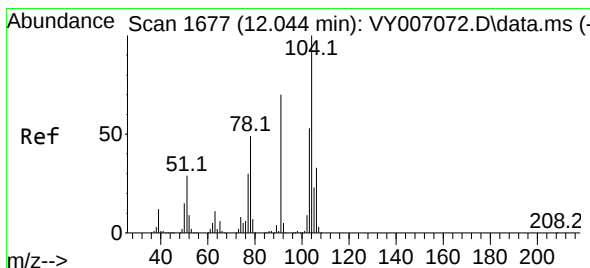
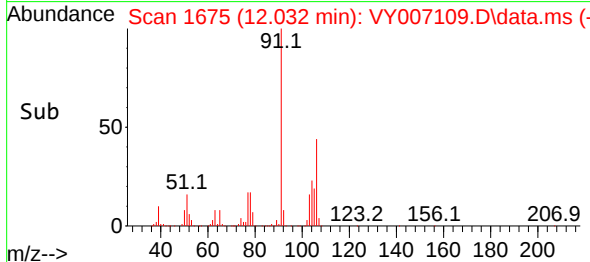
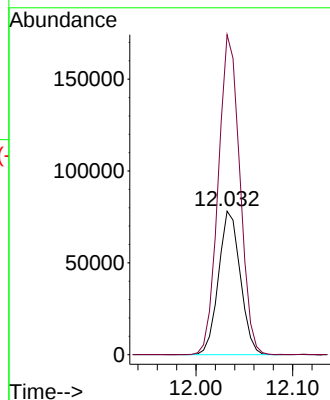
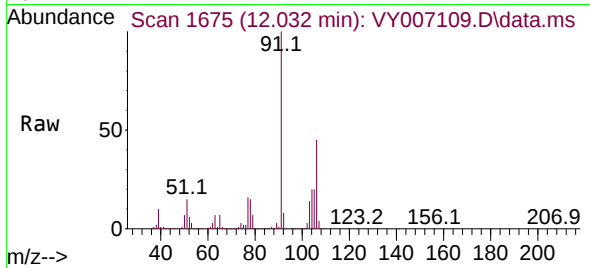




#69
o-Xylene
Concen: 37.527 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

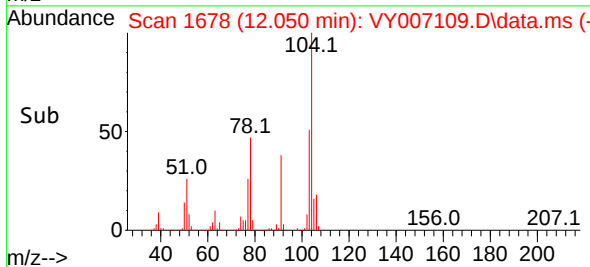
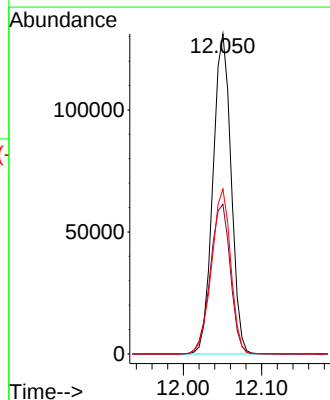
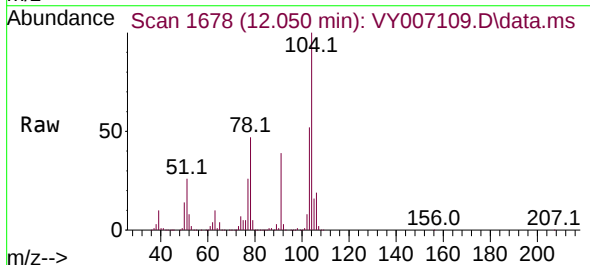
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

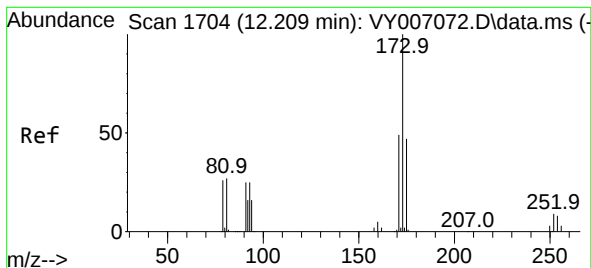
Tgt Ion:106 Resp: 122002
Ion Ratio Lower Upper
106 100
91 221.5 109.9 329.6



#70
Styrene
Concen: 38.441 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion:104 Resp: 211170
Ion Ratio Lower Upper
104 100
78 51.9 41.4 62.0
103 54.4 44.2 66.2





#71

Bromoform

Concen: 40.810 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

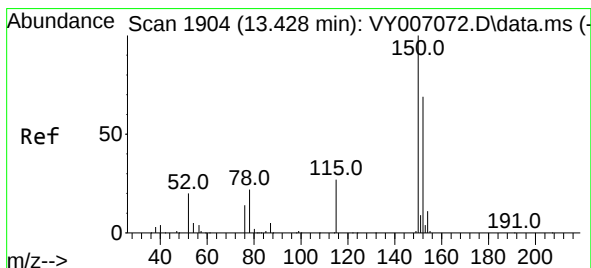
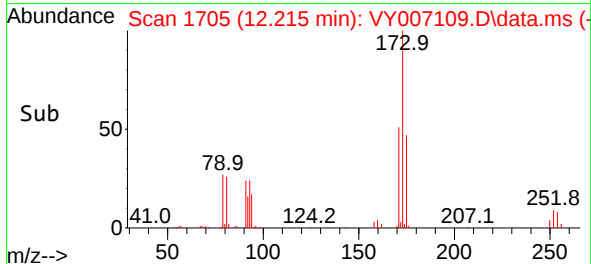
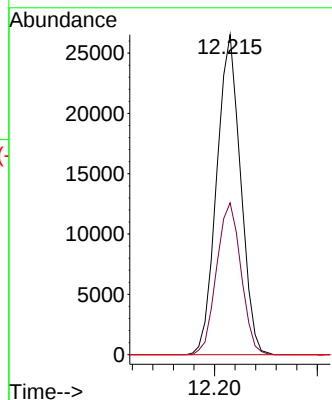
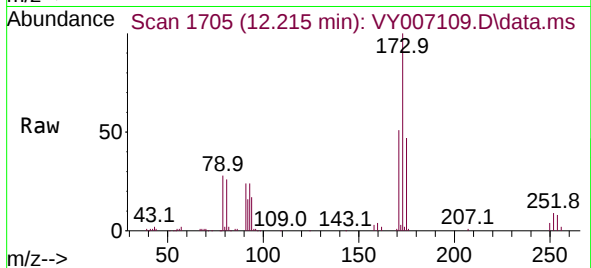
Tgt Ion:173 Resp: 42748

Ion Ratio Lower Upper

173 100

175 48.5 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

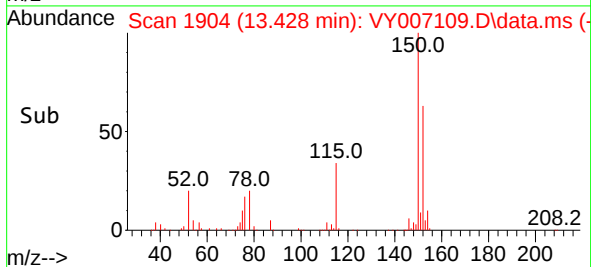
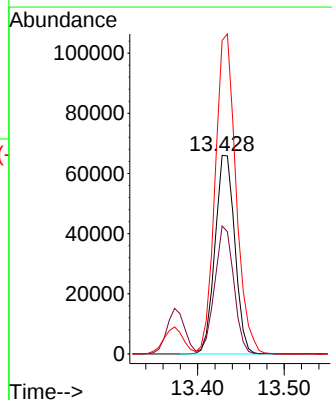
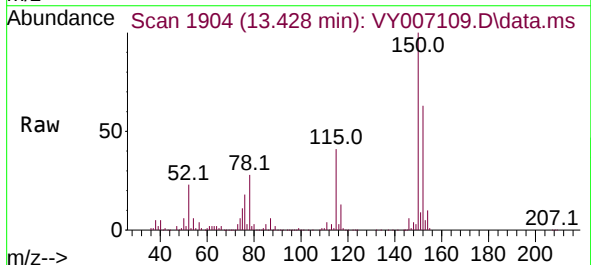
Tgt Ion:152 Resp: 104694

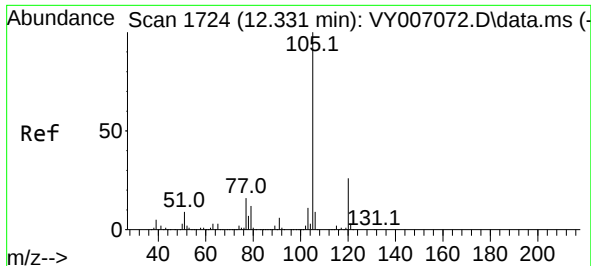
Ion Ratio Lower Upper

152 100

115 62.4 31.4 94.0

150 169.6 0.0 348.4

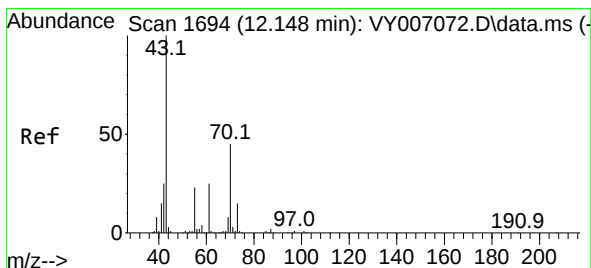
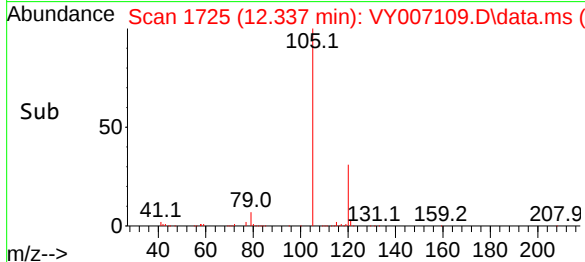
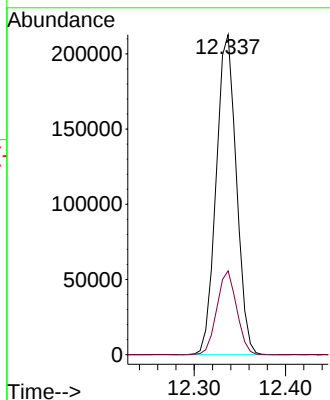
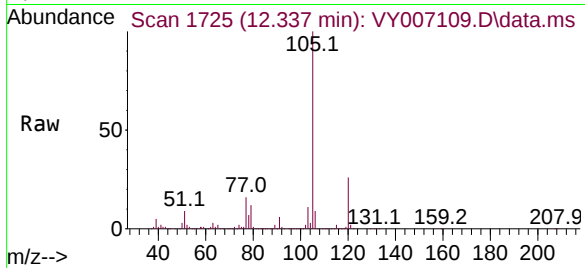




#73
Isopropylbenzene
Concen: 36.649 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

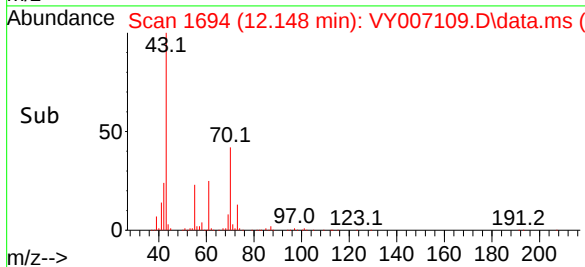
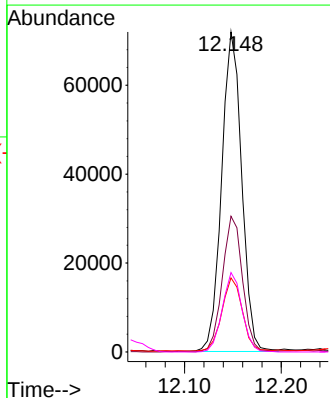
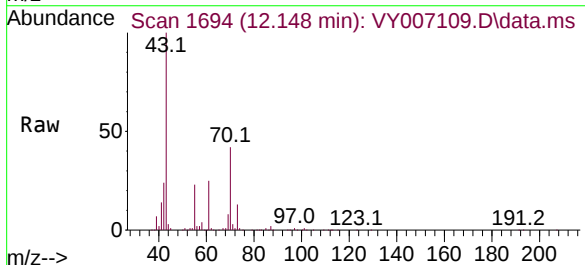
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

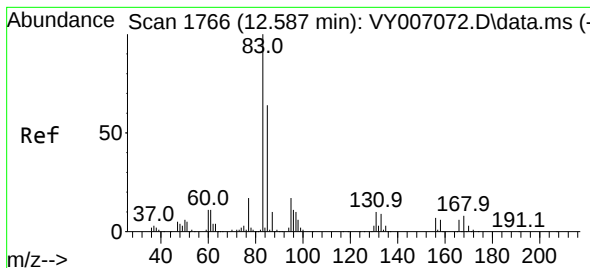
Tgt Ion:105 Resp: 326485
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1



#74
N-ethyl acetate
Concen: 45.617 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 43 Resp: 103449
Ion Ratio Lower Upper
43 100
70 42.4 36.2 54.4
55 23.3 19.0 28.4
61 24.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 41.134 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

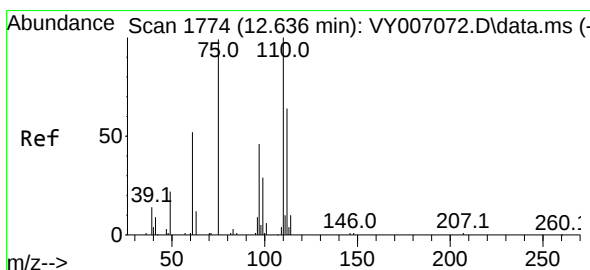
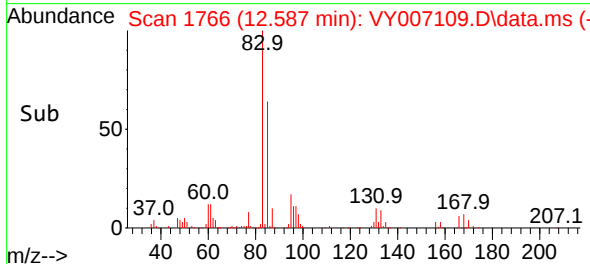
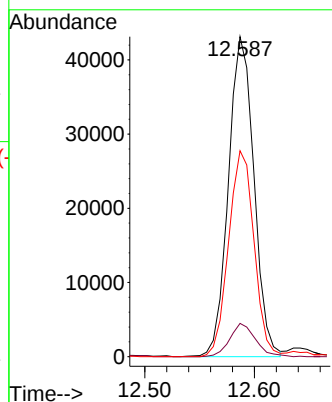
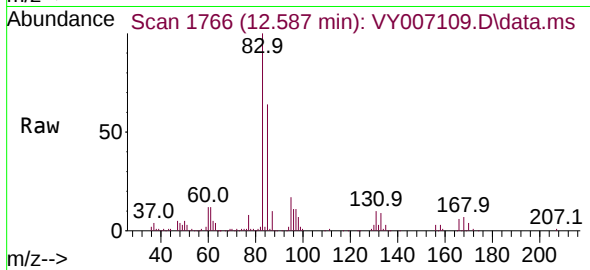
Tgt Ion: 83 Resp: 69882

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

85 64.3 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 79.517 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY007109.D

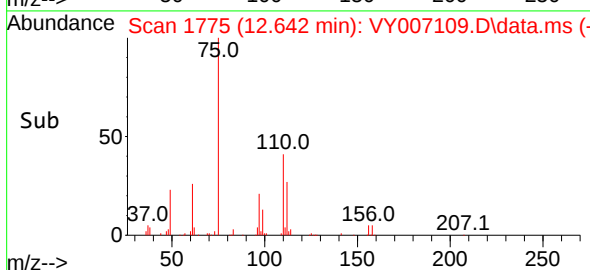
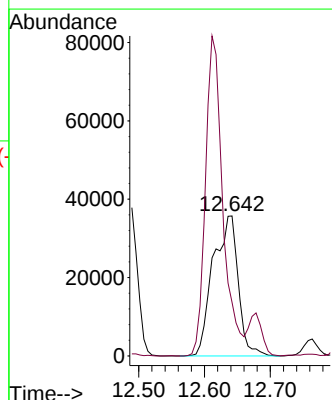
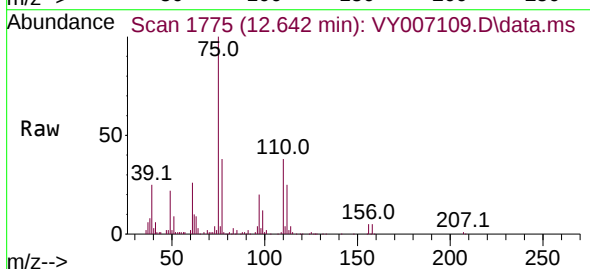
Acq: 10 Jan 2022 20:59

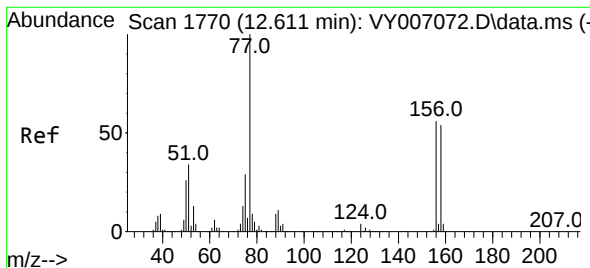
Tgt Ion: 75 Resp: 95012

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 37.563 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

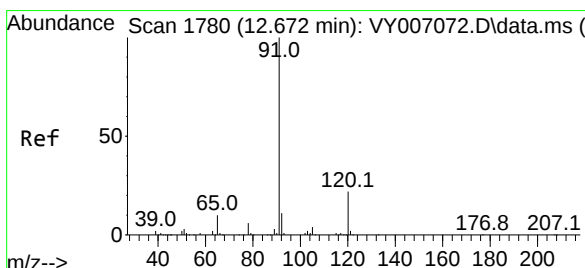
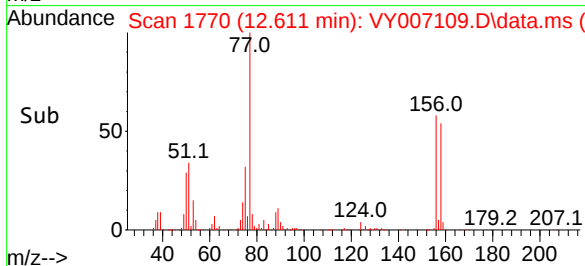
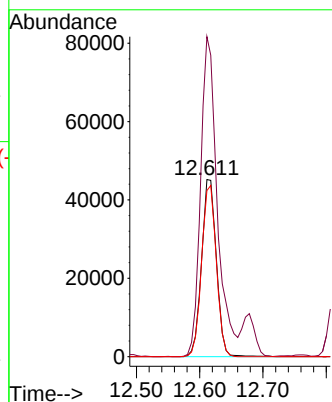
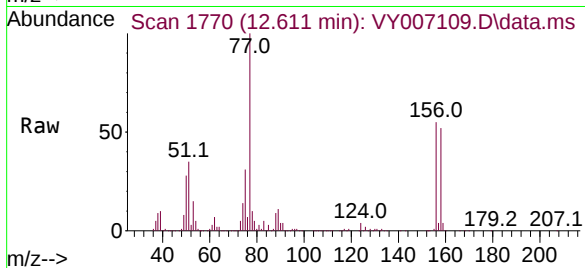
Tgt Ion:156 Resp: 73897

Ion Ratio Lower Upper

156 100

77 203.0 98.7 296.1

158 95.7 48.4 145.2



#78

n-propylbenzene

Concen: 36.456 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY007109.D

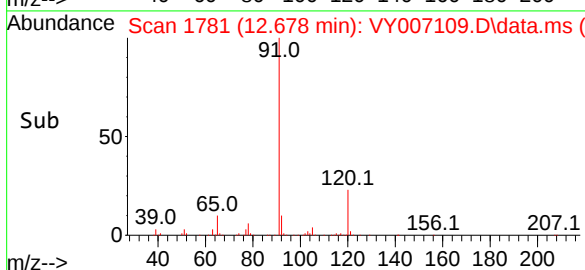
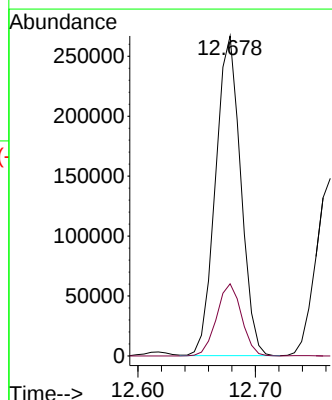
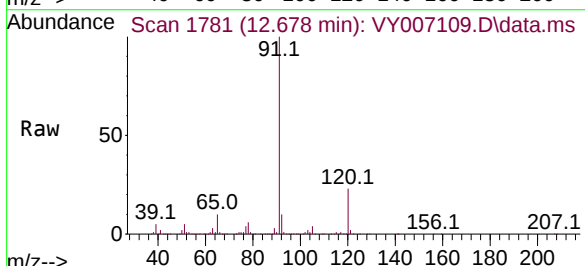
Acq: 10 Jan 2022 20:59

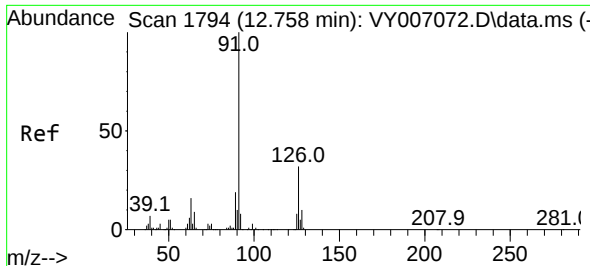
Tgt Ion: 91 Resp: 396751

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

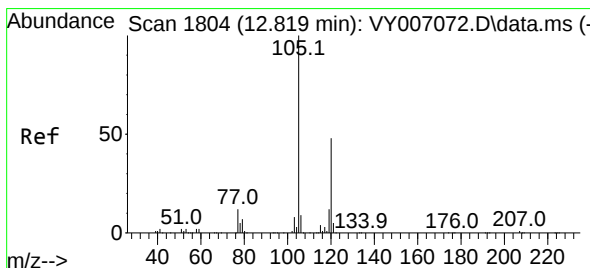
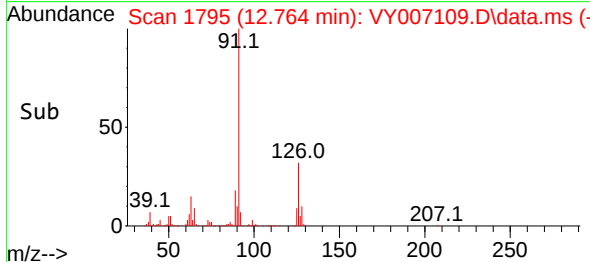
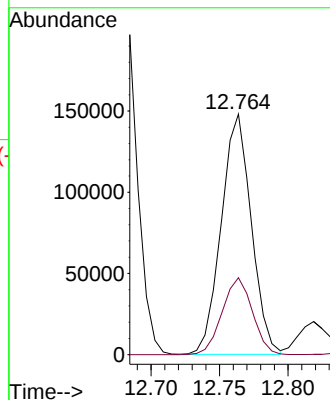
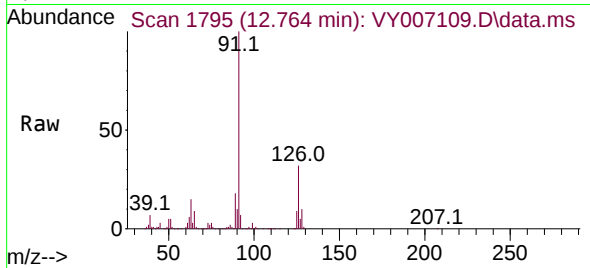




#79
2-Chlorotoluene
Concen: 36.480 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

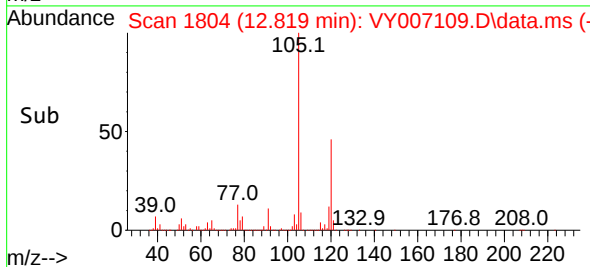
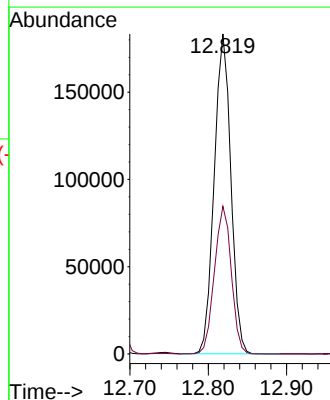
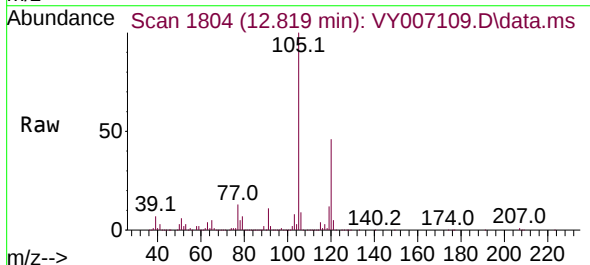
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

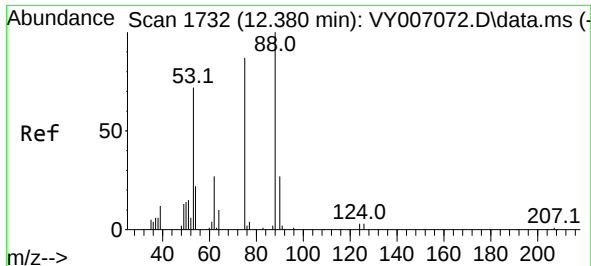
Tgt Ion: 91 Resp: 225856
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 36.937 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 105 Resp: 270675
Ion Ratio Lower Upper
105 100
120 46.8 23.7 71.1

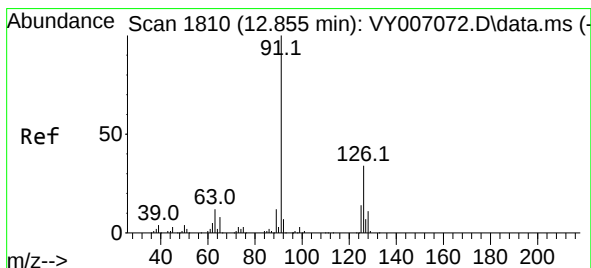
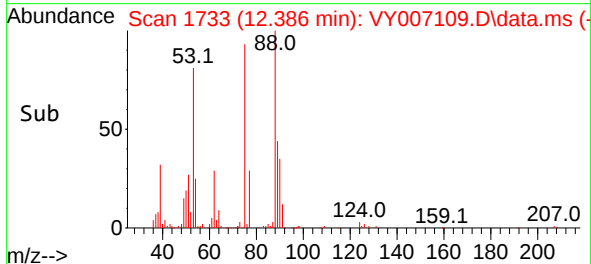
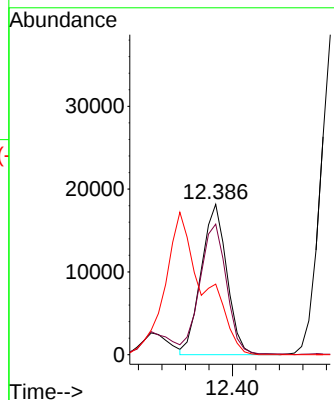
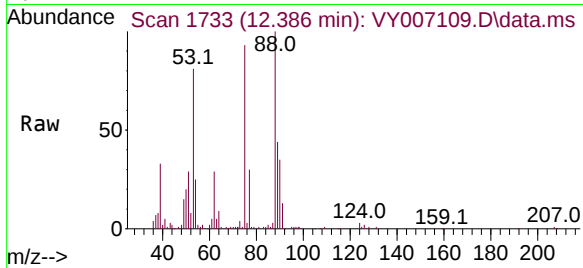




#81
trans-1,4-Dichloro-2-butene
Concen: 43.306 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

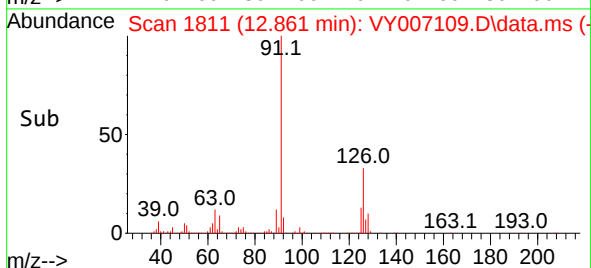
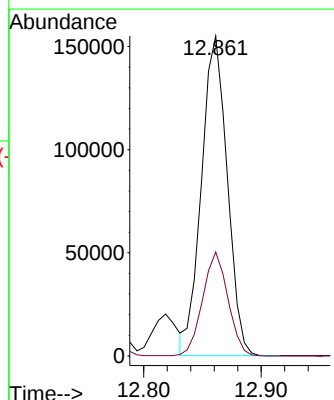
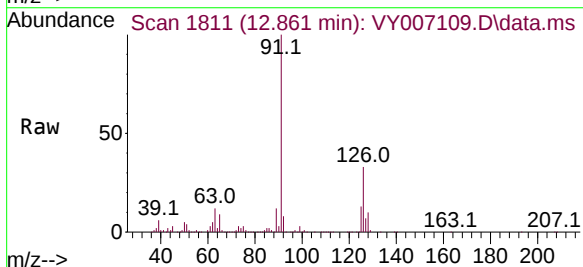
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

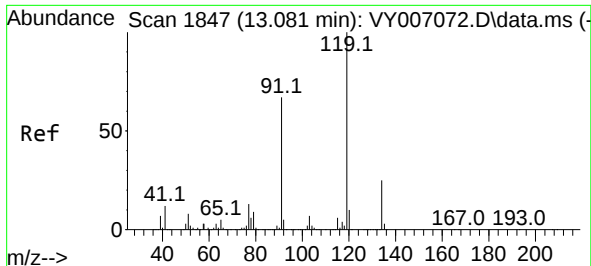
Tgt Ion: 75 Resp: 27549
Ion Ratio Lower Upper
75 100
53 90.7 73.9 110.9
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 36.965 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 91 Resp: 236289
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.9

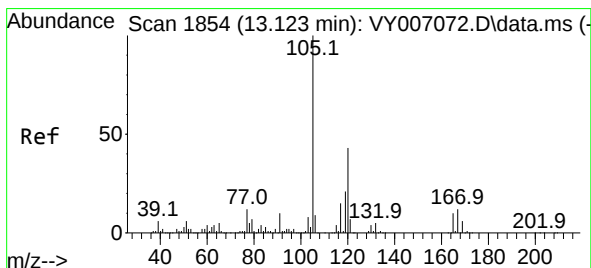
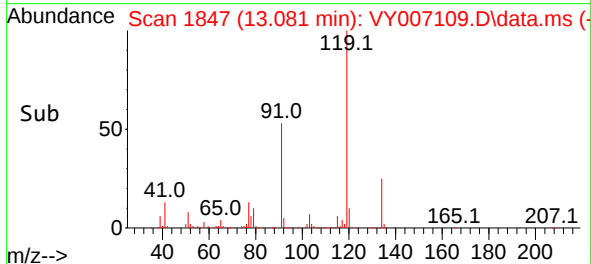
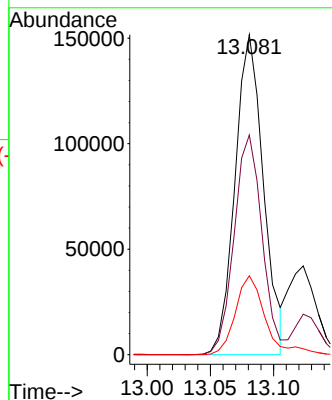
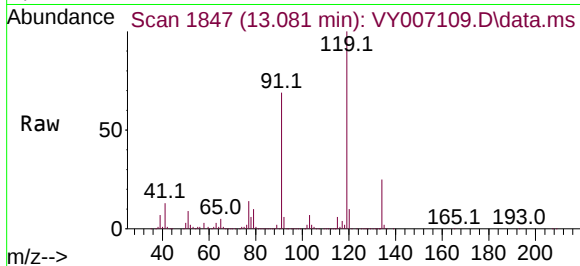




#83
tert-Butylbenzene
Concen: 36.778 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

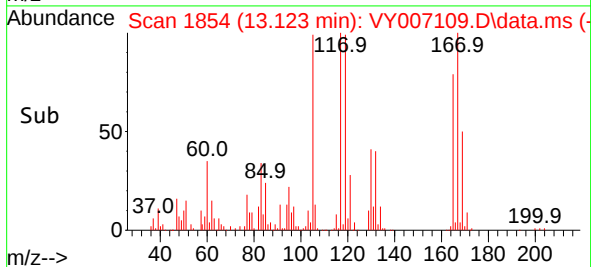
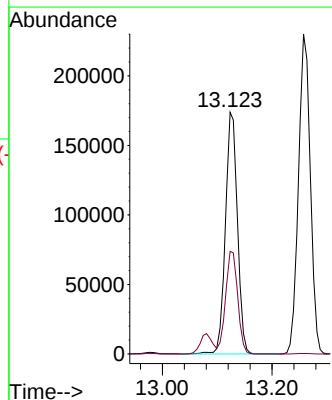
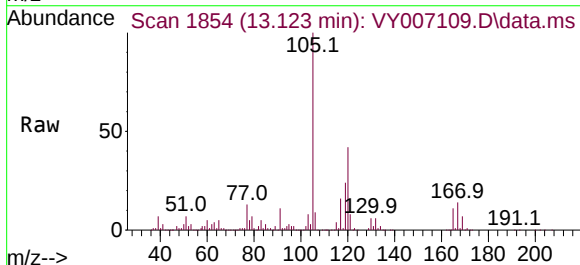
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

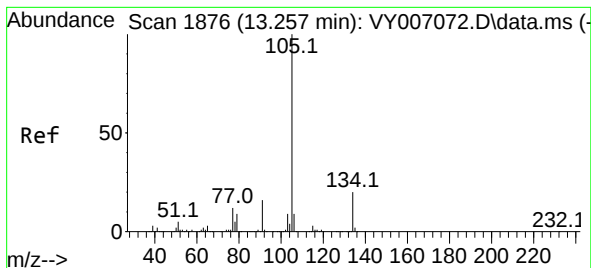
Tgt Ion:119 Resp: 237349
Ion Ratio Lower Upper
119 100
91 67.3 33.1 99.5
134 25.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 36.875 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion:105 Resp: 265606
Ion Ratio Lower Upper
105 100
120 42.7 21.6 64.6





#85

sec-Butylbenzene

Concen: 36.616 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

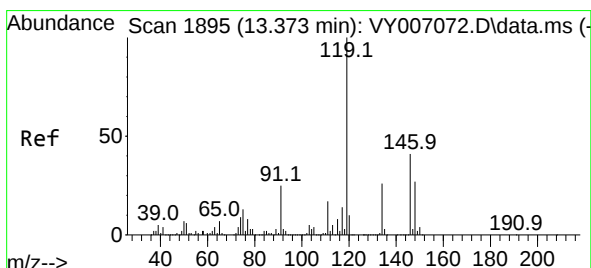
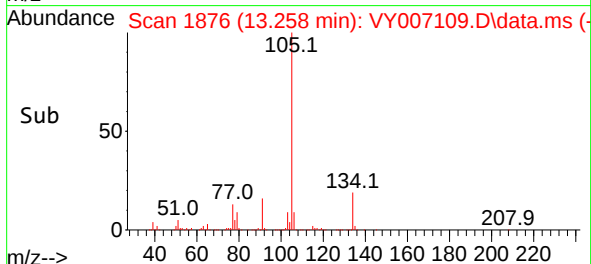
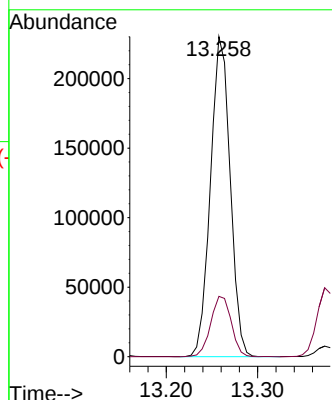
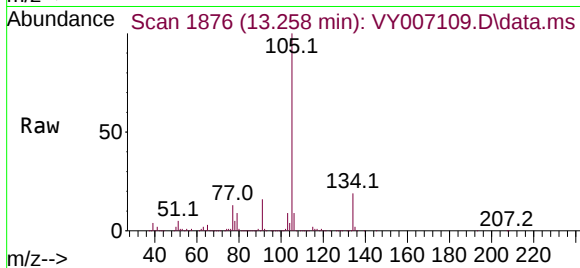
VSTDCCC050EC

Tgt Ion:105 Resp: 344347

Ion Ratio Lower Upper

105 100

134 19.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 36.708 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

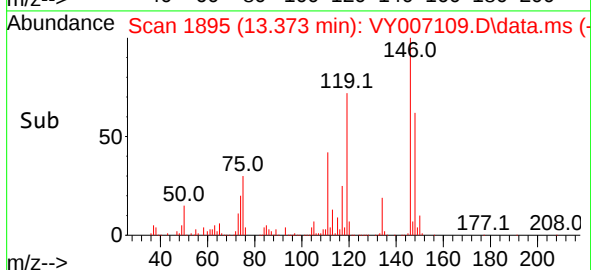
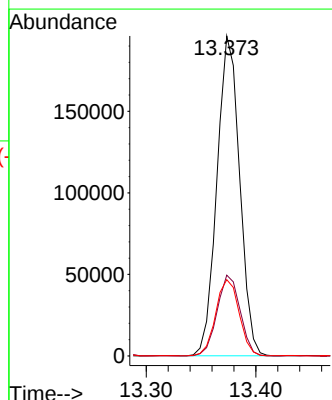
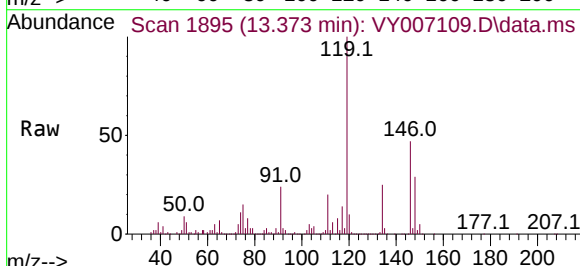
Tgt Ion:119 Resp: 282617

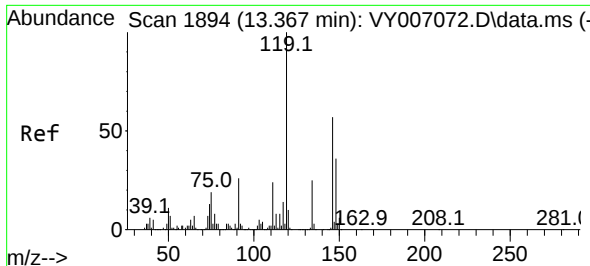
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 36.475 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

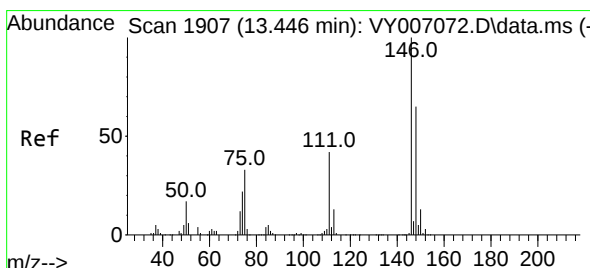
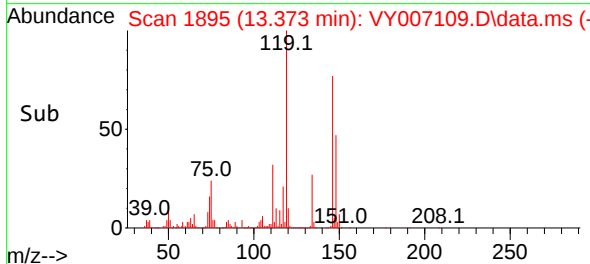
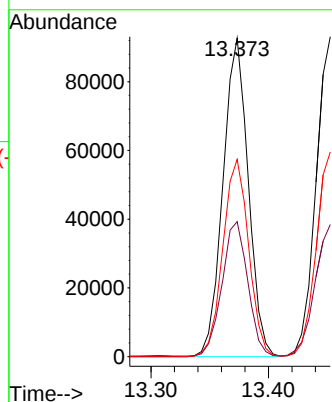
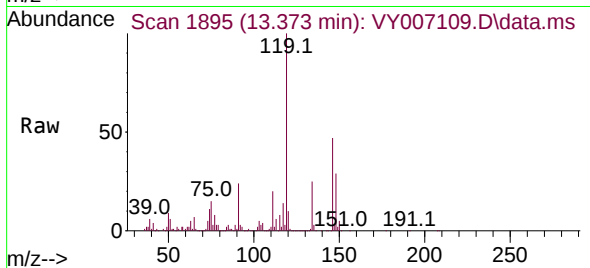
Tgt Ion:146 Resp: 138484

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.1

148 63.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 36.863 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

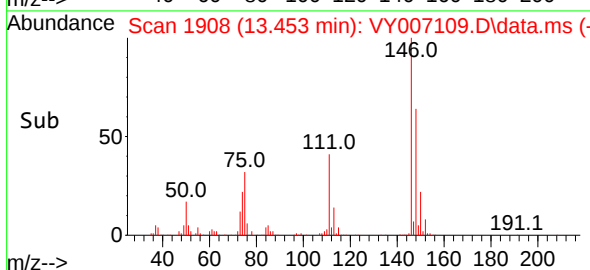
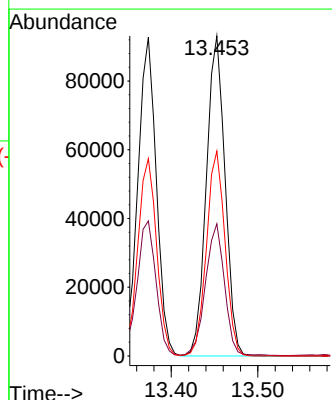
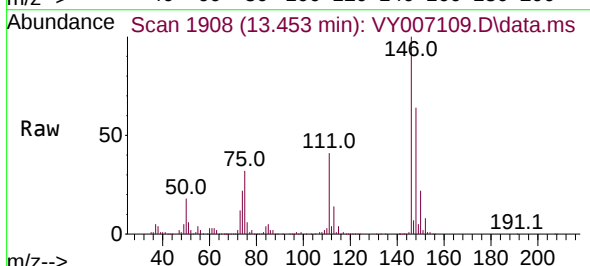
Tgt Ion:146 Resp: 139346

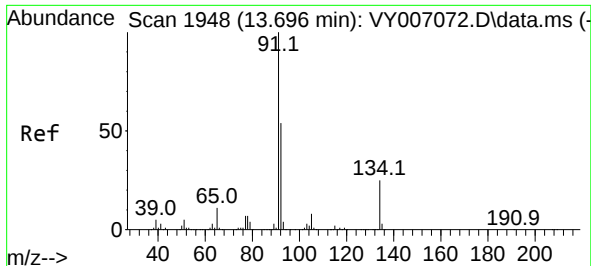
Ion Ratio Lower Upper

146 100

111 41.8 20.7 62.1

148 63.7 32.0 96.2

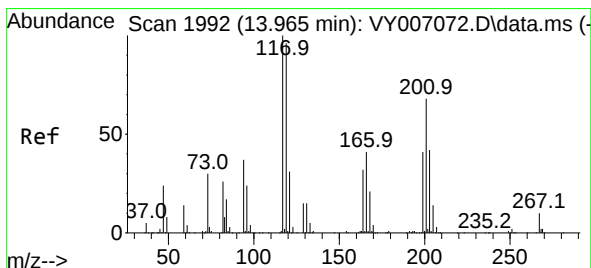
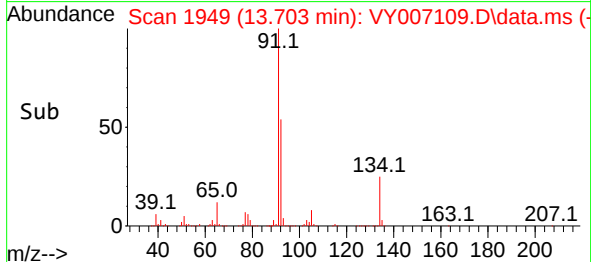
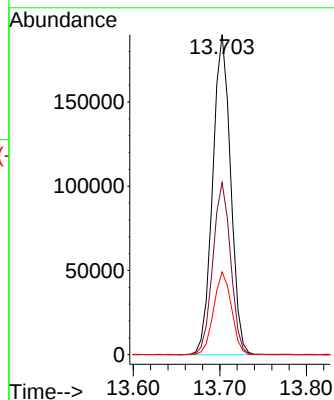
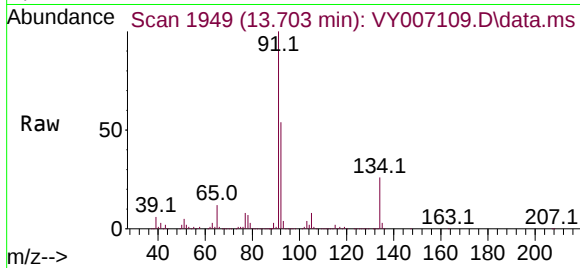




#89
n-Butylbenzene
Concen: 36.429 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

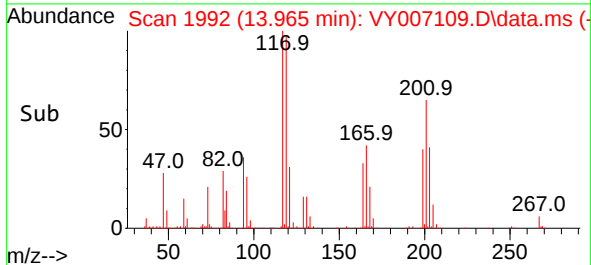
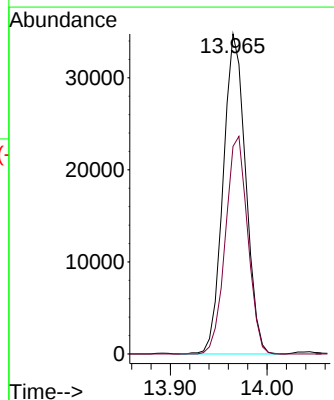
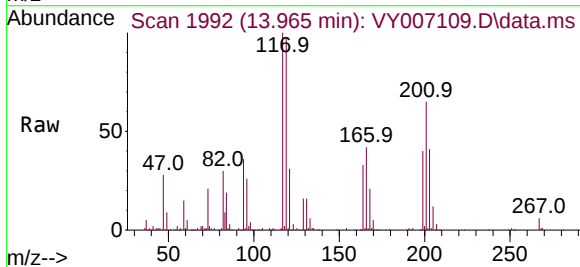
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

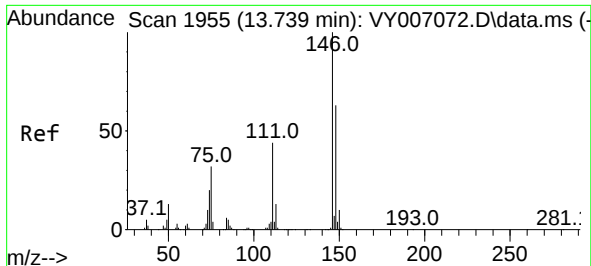
Tgt Ion: 91 Resp: 273560
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 36.782 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY007109.D
Acq: 10 Jan 2022 20:59

Tgt Ion: 117 Resp: 56120
Ion Ratio Lower Upper
117 100
201 67.2 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 37.472 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

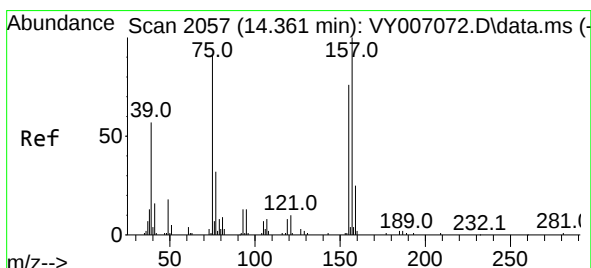
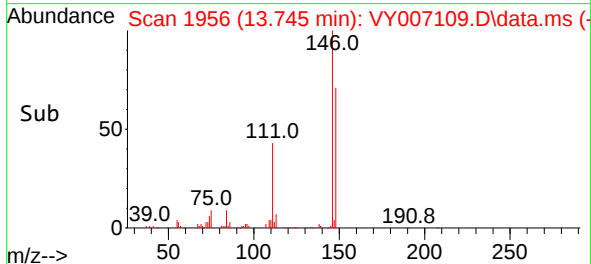
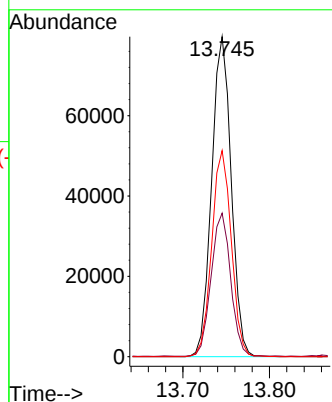
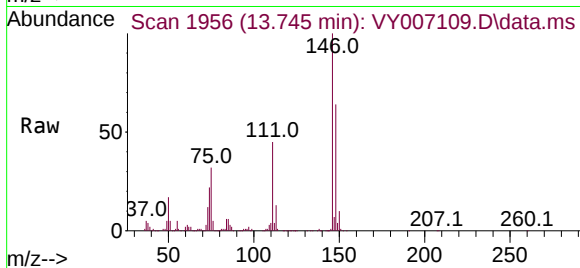
Tgt Ion:146 Resp: 124920

Ion Ratio Lower Upper

146 100

111 44.9 21.4 64.3

148 64.4 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.674 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

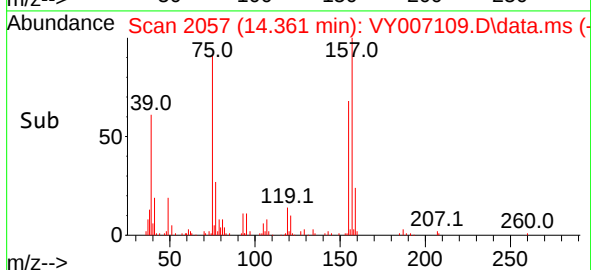
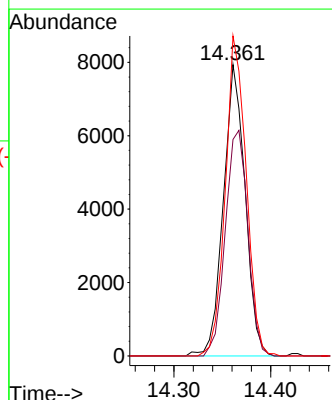
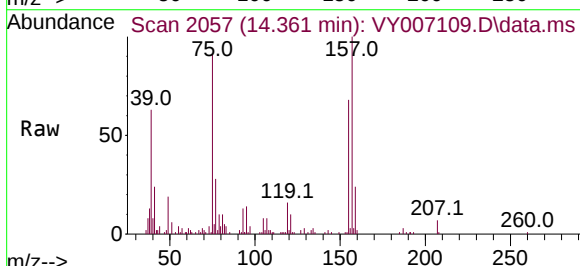
Tgt Ion: 75 Resp: 12356

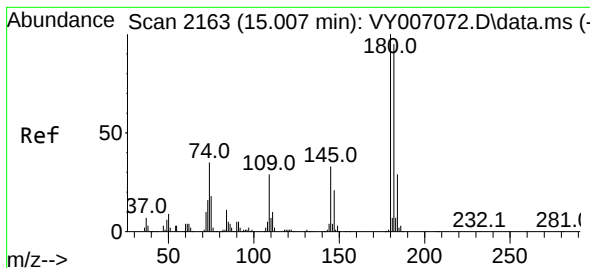
Ion Ratio Lower Upper

75 100

155 80.4 40.1 120.2

157 105.6 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 39.200 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

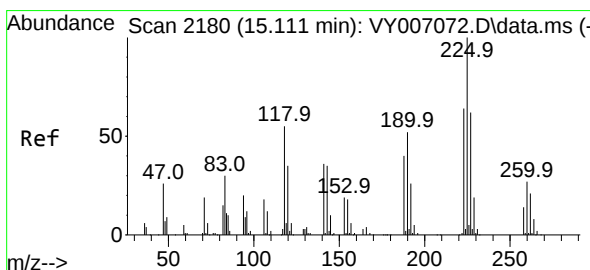
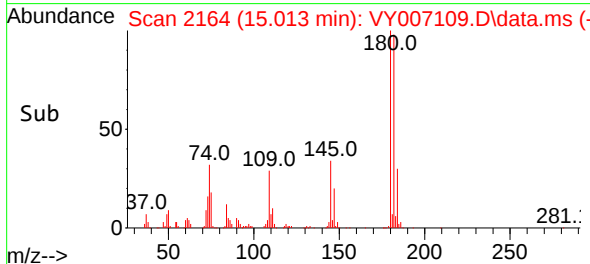
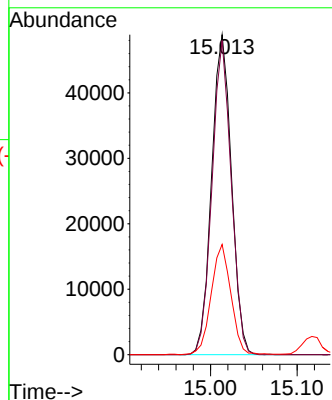
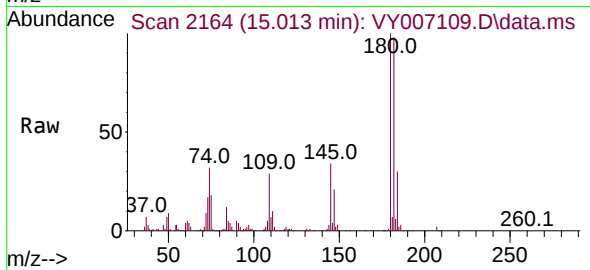
Tgt Ion:180 Resp: 77533

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.8

145 34.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 38.997 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

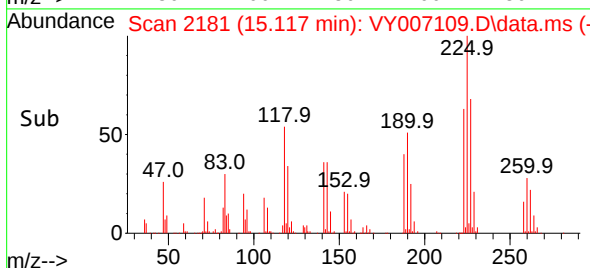
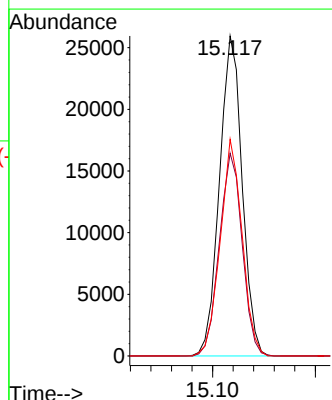
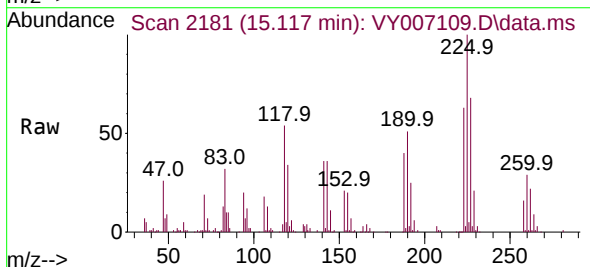
Tgt Ion:225 Resp: 39709

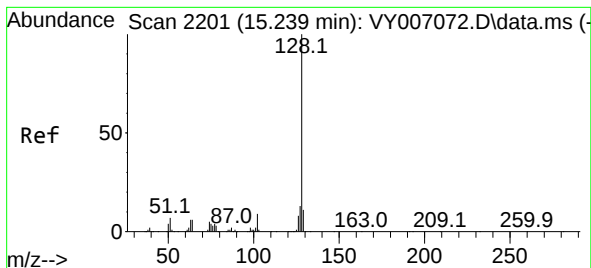
Ion Ratio Lower Upper

225 100

223 63.7 32.6 97.8

227 65.4 32.0 96.2





#95

Naphthalene

Concen: 43.744 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

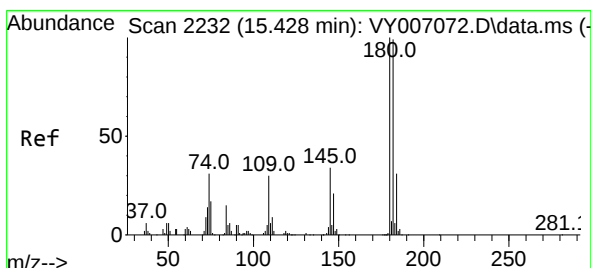
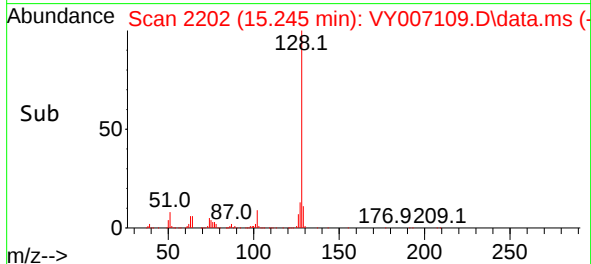
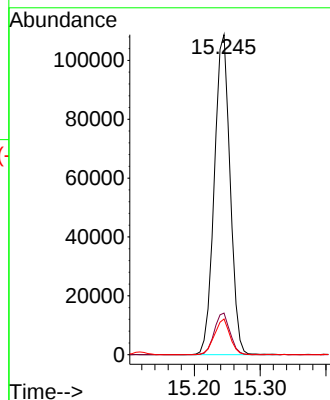
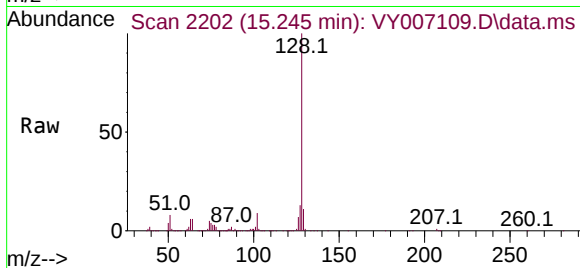
Tgt Ion:128 Resp: 181437

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 40.979 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY007109.D

Acq: 10 Jan 2022 20:59

Tgt Ion:180 Resp: 68368

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 35.6 17.2 51.5

