

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007351.D
 Acq On : 02 Feb 2022 12:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 03 04:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:14:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	161363	104.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 209.080%#	
35) Dibromofluoromethane	7.722	113	152545	105.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 210.220%#	
50) Toluene-d8	10.179	98	568568	106.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 212.080%#	
62) 4-Bromofluorobenzene	12.483	95	184296	101.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 202.260%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	149840	95.371	ug/l	99
3) Chloromethane	2.113	50	169207	101.893	ug/l	96
4) Vinyl Chloride	2.253	62	178384	96.283	ug/l	98
5) Bromomethane	2.650	94	114037	101.618	ug/l	99
6) Chloroethane	2.796	64	112212	98.620	ug/l	99
7) Trichlorofluoromethane	3.131	101	297323	99.031	ug/l	94
8) Diethyl Ether	3.534	74	86857	97.463	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	166773	98.631	ug/l	93
10) Methyl Iodide	4.095	142	199896	109.664	ug/l	95
11) Tert butyl alcohol	4.960	59	77082	478.883	ug/l	97
12) 1,1-Dichloroethene	3.875	96	155370	99.476	ug/l	90
13) Acrolein	3.735	56	104668	504.778	ug/l	100
14) Allyl chloride	4.485	41	240736	100.350	ug/l #	95
15) Acrylonitrile	5.168	53	203787	486.718	ug/l	98
16) Acetone	3.948	43	268703	536.008	ug/l	92
17) Carbon Disulfide	4.198	76	491225	100.181	ug/l	99
18) Methyl Acetate	4.479	43	90807	96.712	ug/l #	90
19) Methyl tert-butyl Ether	5.229	73	438949	99.752	ug/l	95
20) Methylene Chloride	4.723	84	163311	102.948	ug/l	86
21) trans-1,2-Dichloroethene	5.229	96	171561	99.289	ug/l	90
22) Diisopropyl ether	6.125	45	488910	97.264	ug/l #	94
23) Vinyl Acetate	6.064	43	1618208	493.621	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	300782	99.077	ug/l	98
25) 2-Butanone	6.990	43	315163	520.351	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	289922	99.805	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	191438	100.305	ug/l	91
28) Bromochloromethane	7.338	49	120695	101.677	ug/l #	86
29) Tetrahydrofuran	7.350	42	167194	477.711	ug/l #	86
30) Chloroform	7.509	83	310373	98.280	ug/l	99
31) Cyclohexane	7.789	56	285187	94.687	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	292371	99.611	ug/l	96
36) 1,1-Dichloropropene	7.923	75	249931	98.511	ug/l	99
37) Ethyl Acetate	7.082	43	118006	93.557	ug/l	96
38) Carbon Tetrachloride	7.905	117	265656	99.665	ug/l	98
39) Methylcyclohexane	9.185	83	318070	99.828	ug/l	90
40) Benzene	8.161	78	669362	99.533	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	159897	199.208	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	203542	99.565	ug/l	95
43) Isopropyl Acetate	8.277	43	233904	99.160	ug/l #	92
44) Trichloroethene	8.941	130	181256	99.683	ug/l	96
45) 1,2-Dichloropropane	9.222	63	164750	99.351	ug/l	95
46) Dibromomethane	9.307	93	96869	98.186	ug/l	92
47) Bromodichloromethane	9.496	83	238720	100.061	ug/l	99
48) Methyl methacrylate	9.295	41	107908	101.154	ug/l #	89
49) 1,4-Dioxane	9.301	88	19127	1769.887	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	586875	490.561	ug/l	92
52) Toluene	10.246	92	421800	99.548	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	253333	101.644	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	284786	102.015	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	128769	99.379	ug/l	97
56) Ethyl methacrylate	10.508	69	182750	101.544	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	226272	98.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	484635	517.677	ug/l	96
59) 2-Hexanone	10.831	43	450680	516.729	ug/l	91
60) Dibromochloromethane	10.984	129	162221	100.564	ug/l	100
61) 1,2-Dibromoethane	11.087	107	128146	99.963	ug/l	99
64) Tetrachloroethene	10.721	164	150452	97.997	ug/l	94
65) Chlorobenzene	11.514	112	436283	100.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	163205	100.459	ug/l	97
67) Ethyl Benzene	11.593	91	841470	101.894	ug/l	99
68) m/p-Xylenes	11.703	106	624618	204.213	ug/l	100
69) o-Xylene	12.026	106	292170	101.032	ug/l	99
70) Styrene	12.044	104	490789	102.953	ug/l	99
71) Bromoform	12.209	173	91215	101.764	ug/l #	99
73) Isopropylbenzene	12.331	105	790309	100.072	ug/l	98
74) N-amyl acetate	12.142	43	199039	101.820	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	140430	97.371	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	191151	183.623	ug/l #	100
77) Bromobenzene	12.605	156	166219	99.919	ug/l	98
78) n-propylbenzene	12.672	91	956879	100.033	ug/l	100
79) 2-Chlorotoluene	12.758	91	529406	99.961	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	645245	100.154	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	52753	102.880	ug/l	88
82) 4-Chlorotoluene	12.855	91	542434	99.720	ug/l	98
83) tert-Butylbenzene	13.075	119	560671	99.968	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	636580	100.354	ug/l	99
85) sec-Butylbenzene	13.252	105	834406	99.188	ug/l	98
86) p-Isopropyltoluene	13.367	119	695408	101.476	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	326010	101.077	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	317616	98.788	ug/l	97
89) n-Butylbenzene	13.697	91	661354	100.269	ug/l	99
90) Hexachloroethane	13.959	117	131852	101.809	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	283721	99.937	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23051	98.353	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	170010	101.121	ug/l	98
94) Hexachlorobutadiene	15.111	225	91842	98.679	ug/l	99
95) Naphthalene	15.233	128	367535	105.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	147847	104.177	ug/l	98

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QLast Update : Thu Feb 03 04:14:02 2022
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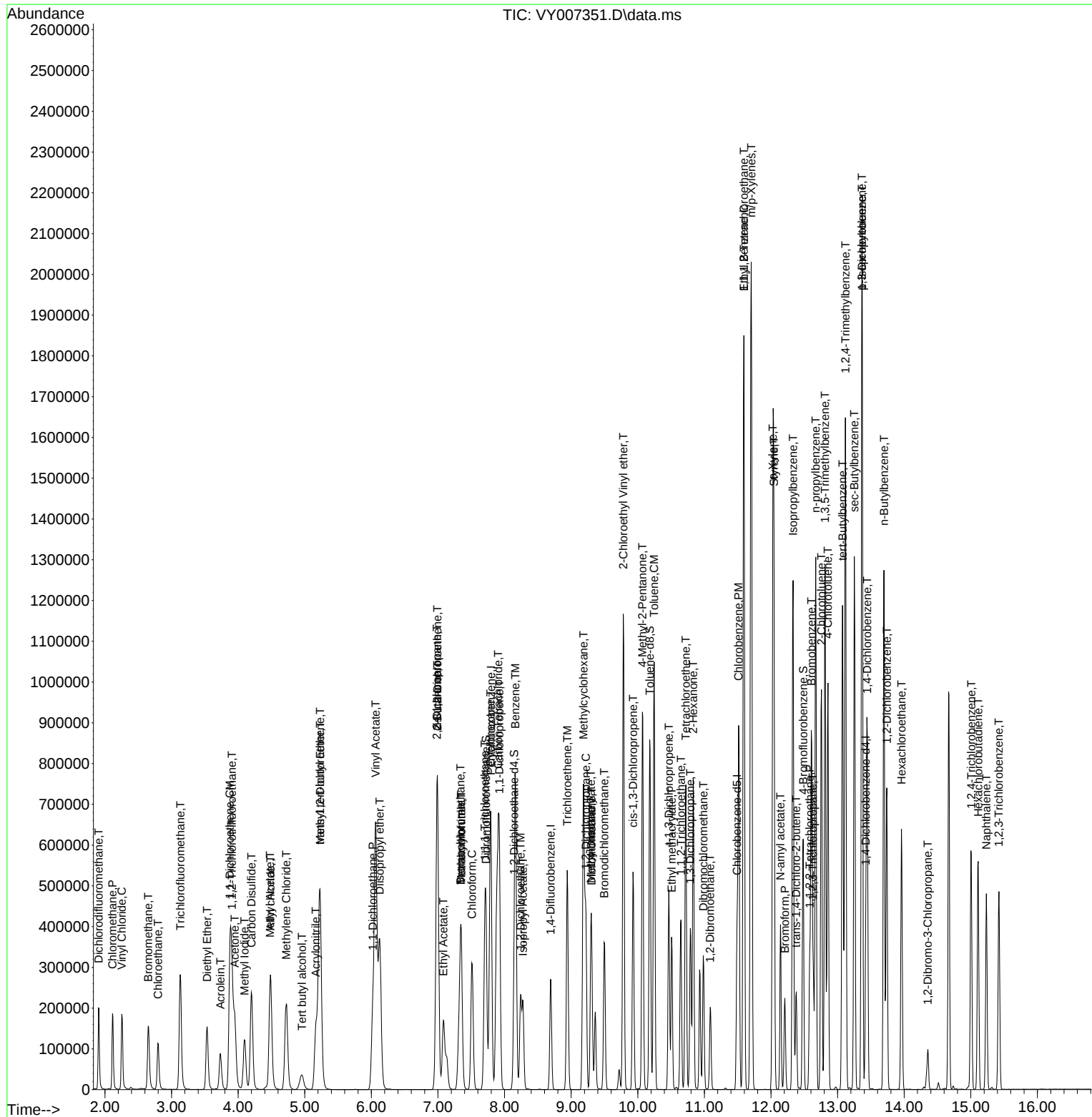
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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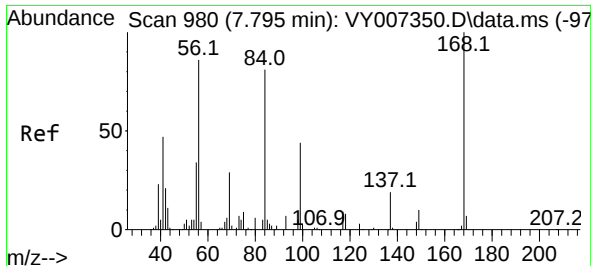
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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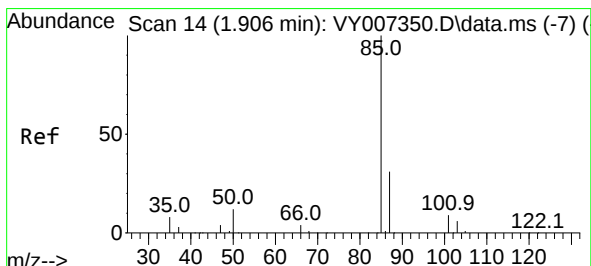
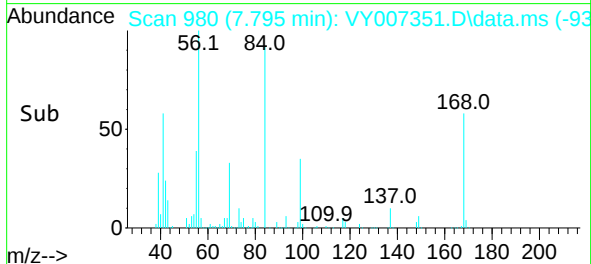
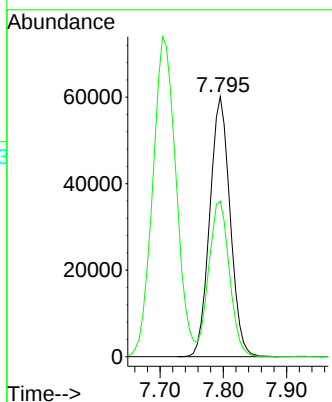
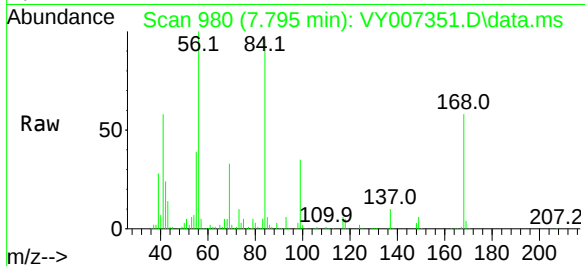




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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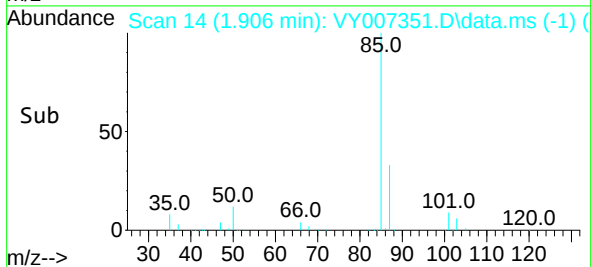
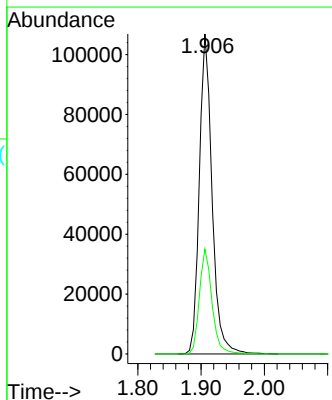
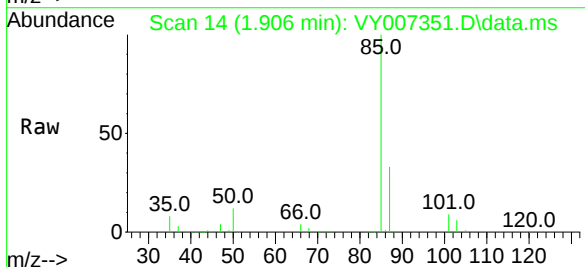
Instrument :
MSVOA_Y
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VSTDICC100

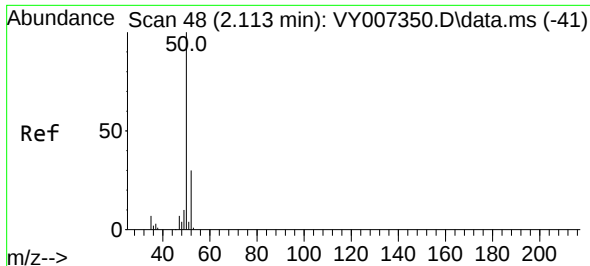
Tgt Ion:168 Resp: 134193
Ion Ratio Lower Upper
168 100
99 59.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 95.371 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 85 Resp: 149840
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

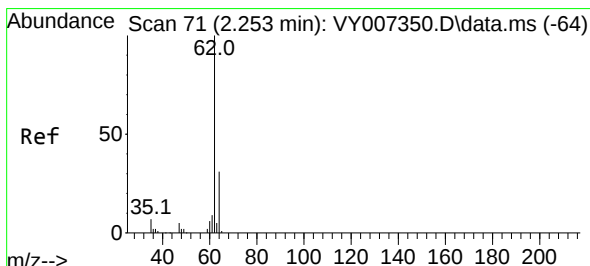
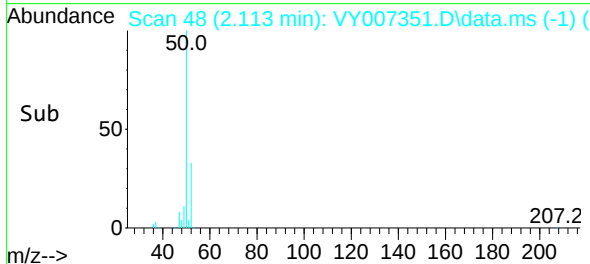
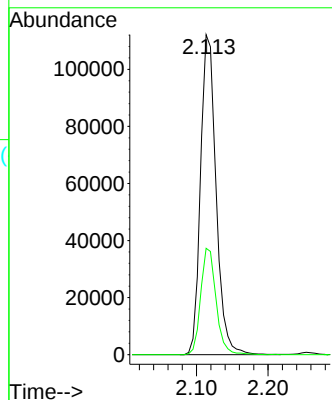
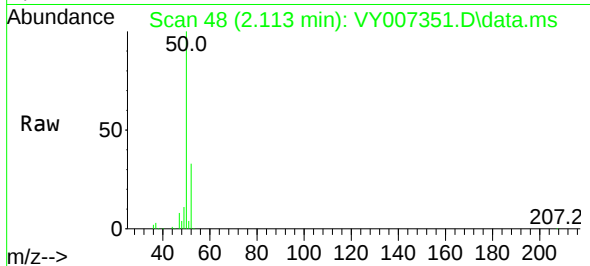




#3
Chloromethane
Concen: 101.893 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

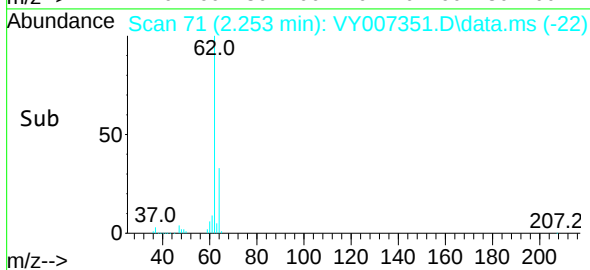
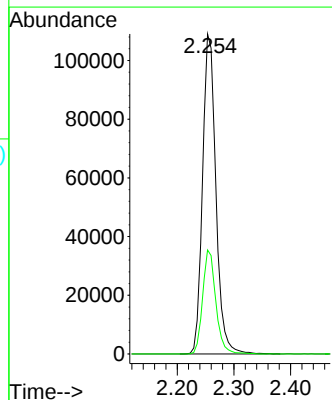
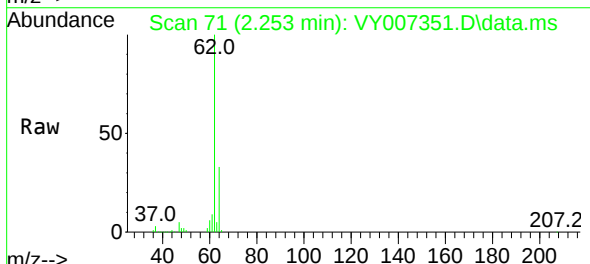
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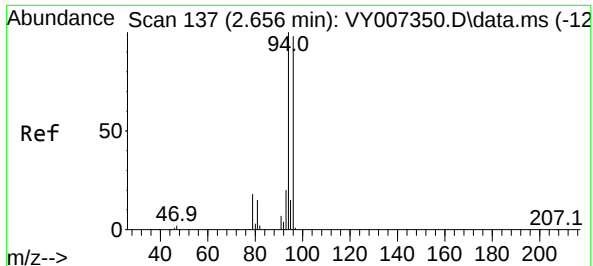
Tgt Ion: 50 Resp: 169207
Ion Ratio Lower Upper
50 100
52 33.2 24.6 37.0



#4
Vinyl Chloride
Concen: 96.283 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 62 Resp: 178384
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6

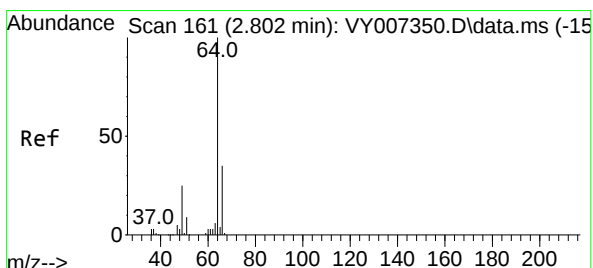
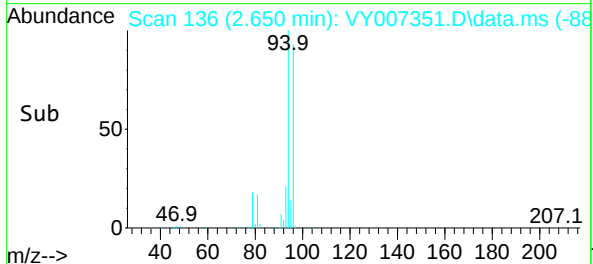
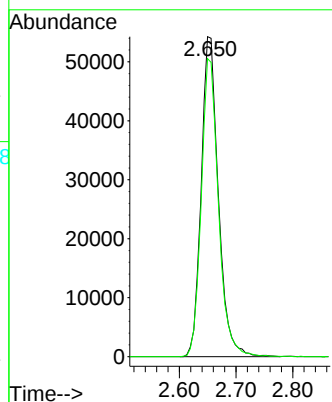
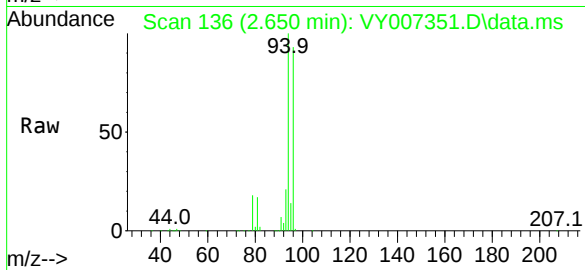




#5
Bromomethane
Concen: 101.618 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007351.D
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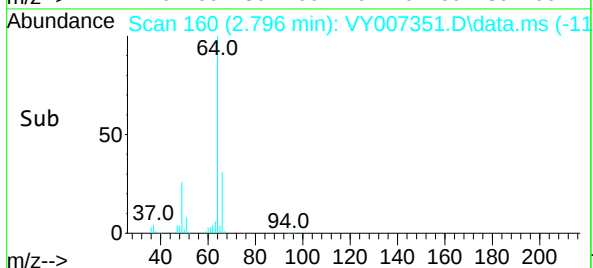
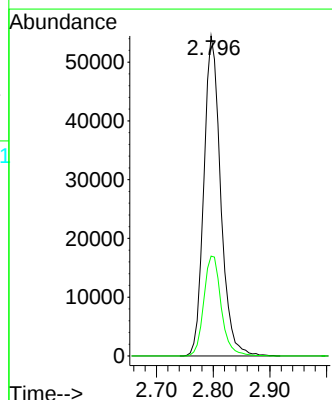
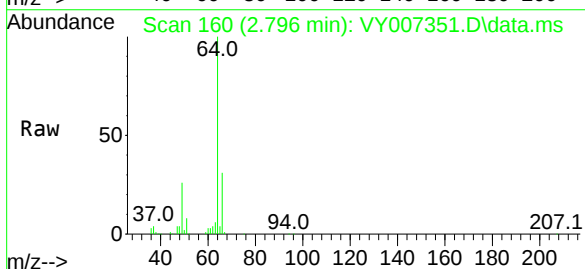
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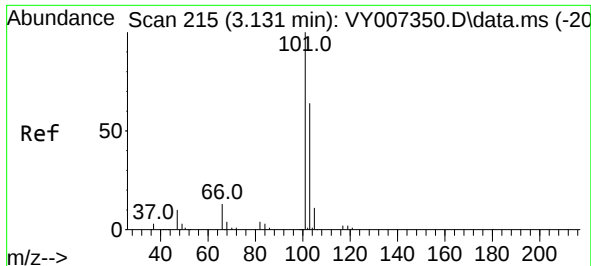
Tgt Ion: 94 Resp: 114037
Ion Ratio Lower Upper
94 100
96 93.2 73.5 110.3



#6
Chloroethane
Concen: 98.620 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY007351.D
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Tgt Ion: 64 Resp: 112212
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0

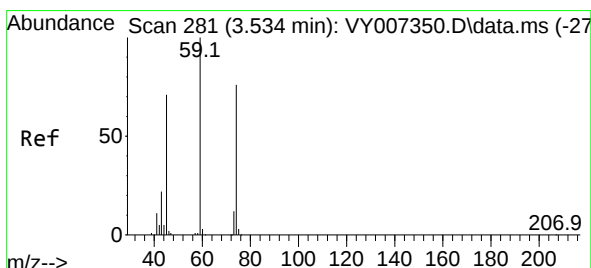
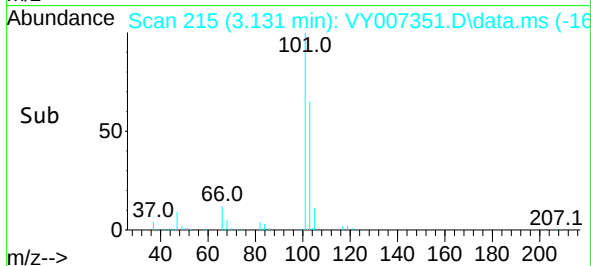
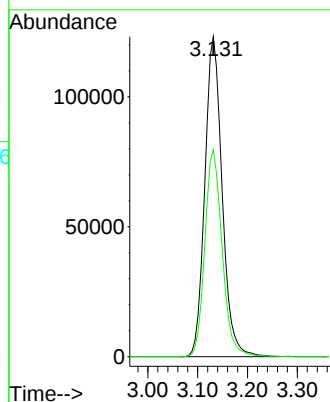
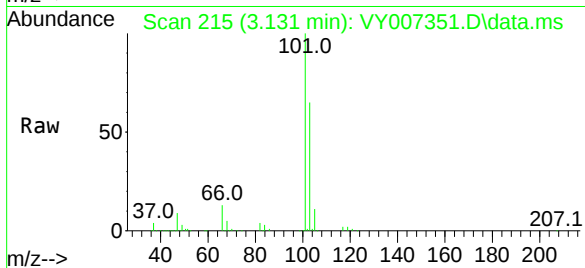




#7
Trichlorofluoromethane
Concen: 99.031 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

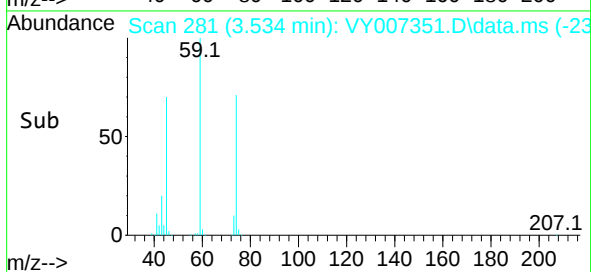
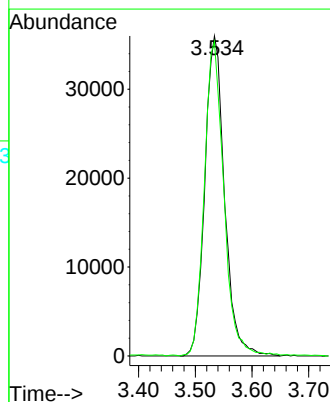
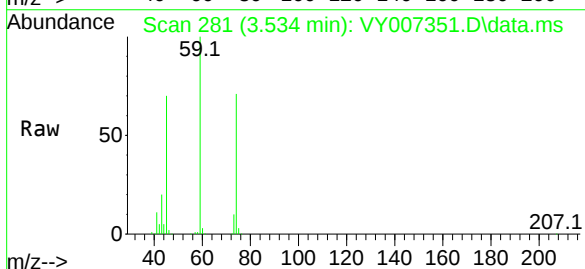
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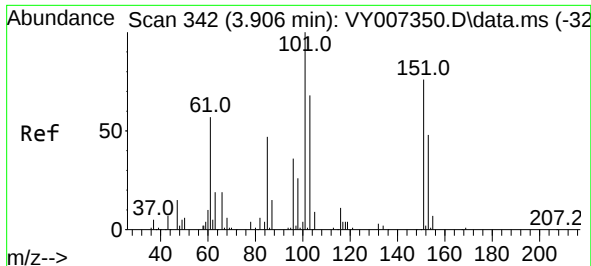
Tgt Ion:101 Resp: 297323
Ion Ratio Lower Upper
101 100
103 64.7 48.0 72.0



#8
Diethyl Ether
Concen: 97.463 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 86857
Ion Ratio Lower Upper
74 100
45 96.8 55.1 165.5

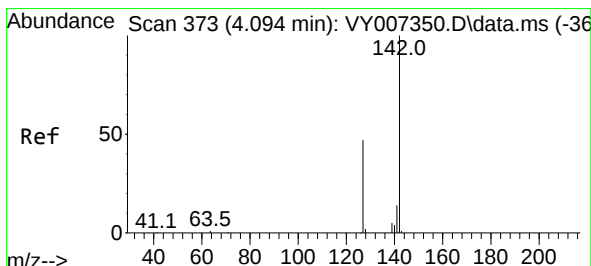
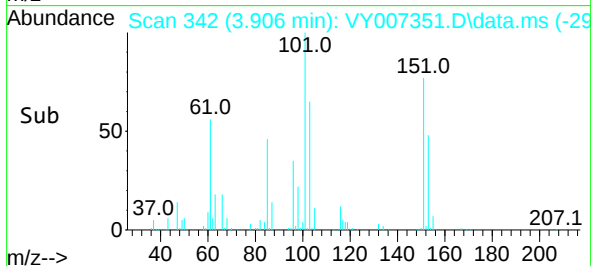
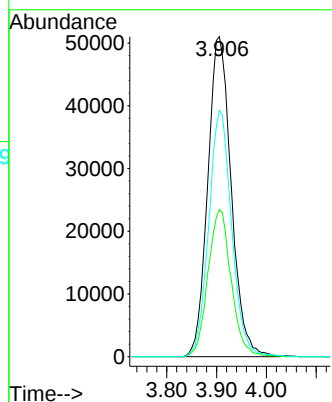
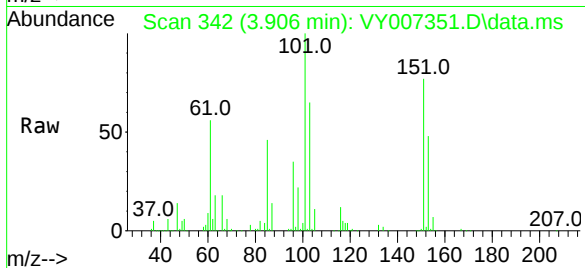




#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.631 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

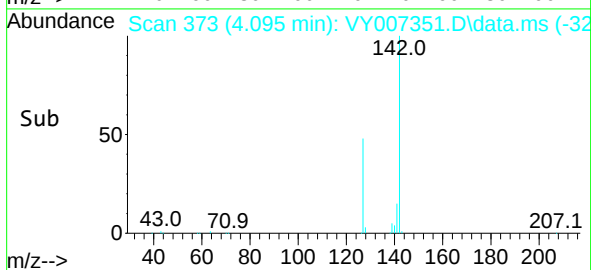
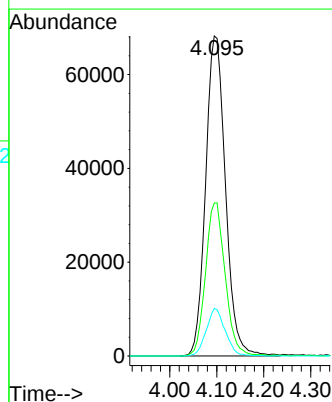
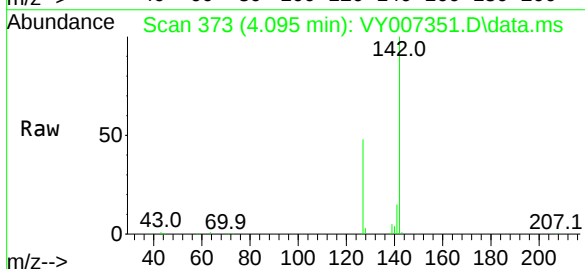
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

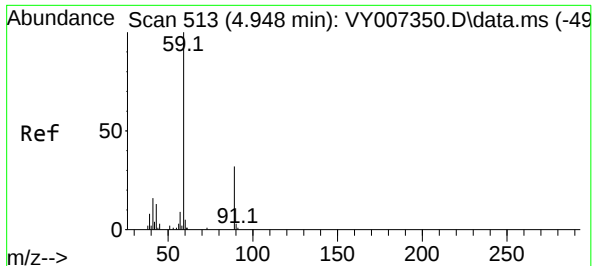
Tgt Ion:101 Resp: 166773
Ion Ratio Lower Upper
101 100
85 45.4 40.6 60.8
151 75.5 64.9 97.3



#10
Methyl Iodide
Concen: 109.664 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion:142 Resp: 199896
Ion Ratio Lower Upper
142 100
127 47.4 41.5 62.3
141 14.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 478.883 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

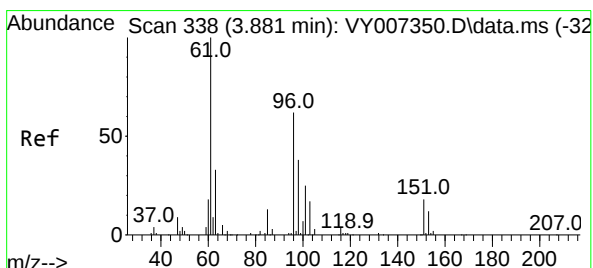
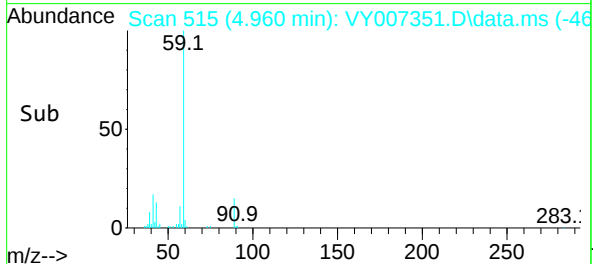
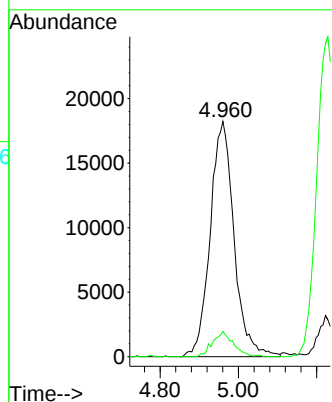
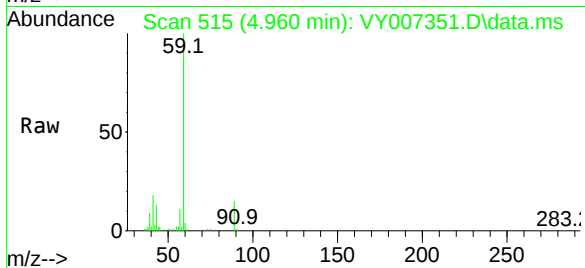
VSTDICC100

Tgt Ion: 59 Resp: 77082

Ion Ratio Lower Upper

59 100

57 9.2 6.4 9.6



#12

1,1-Dichloroethene

Concen: 99.476 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

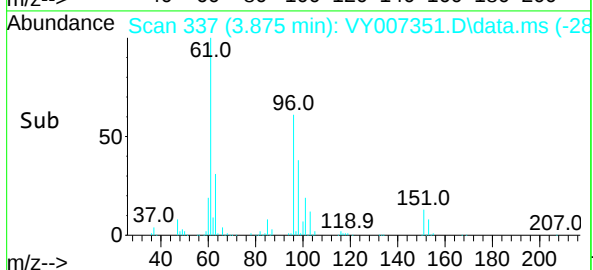
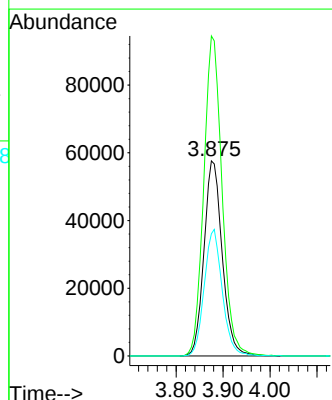
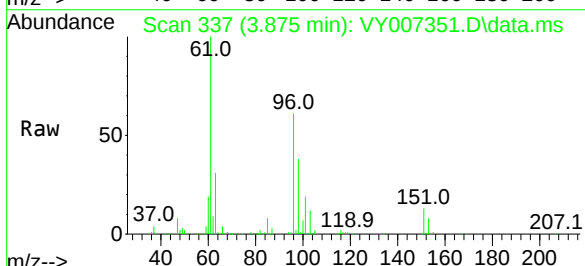
Tgt Ion: 96 Resp: 155370

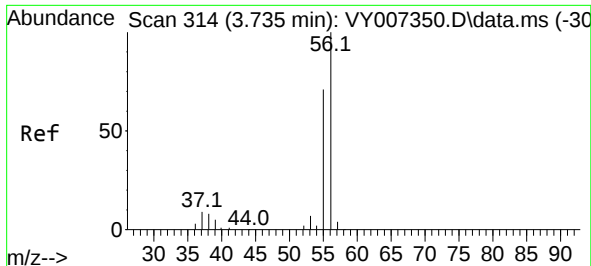
Ion Ratio Lower Upper

96 100

61 164.1 145.8 218.6

98 62.7 52.5 78.7

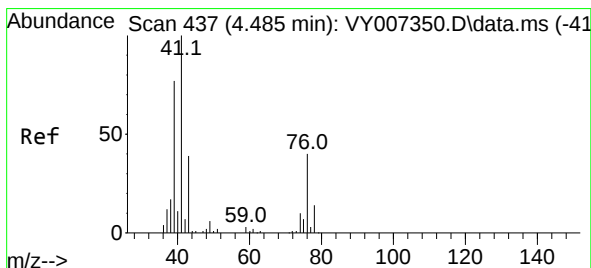
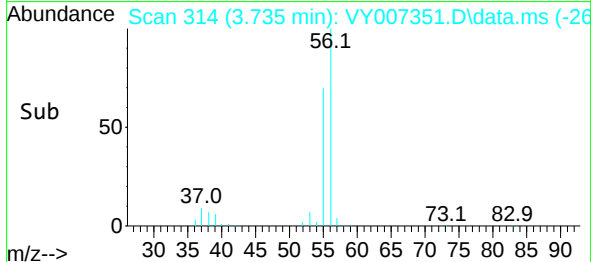
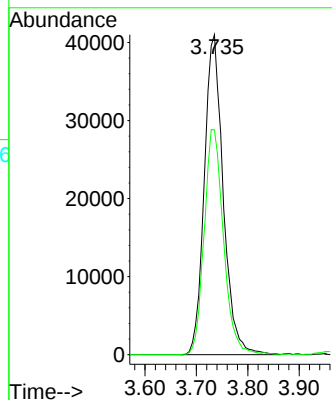
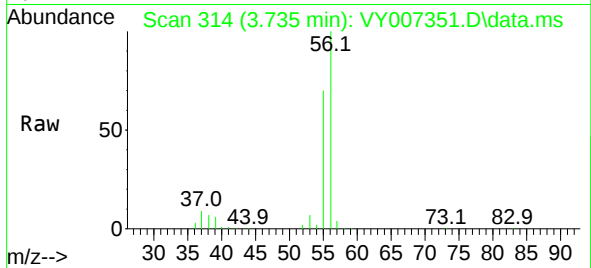




#13
Acrolein
Concen: 504.778 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

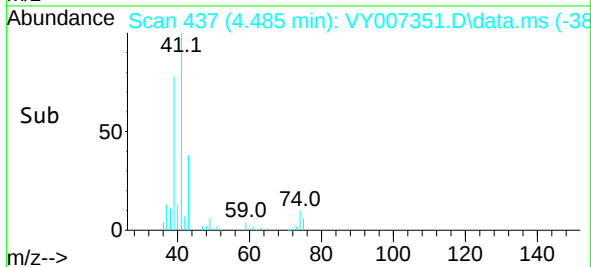
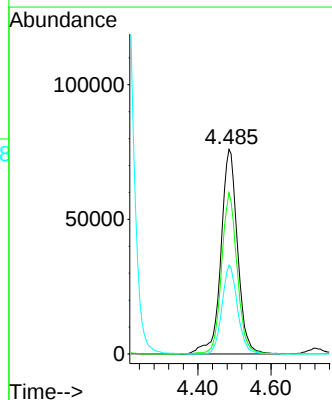
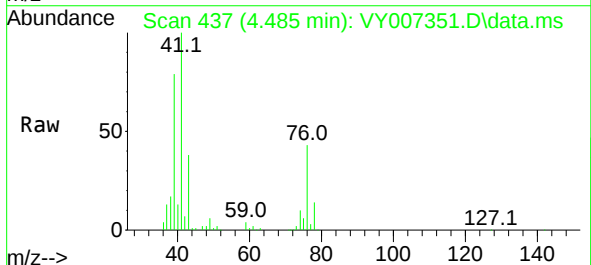
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 104668
Ion Ratio Lower Upper
56 100
55 72.1 57.6 86.4



#14
Allyl chloride
Concen: 100.350 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 41 Resp: 240736
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 40.5 25.1 37.7#

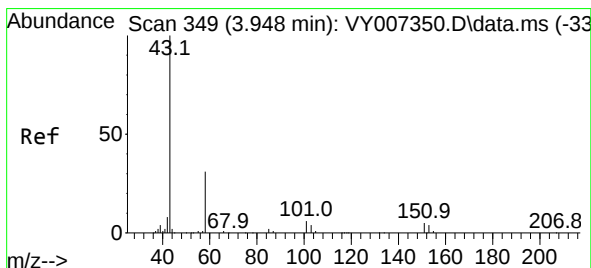
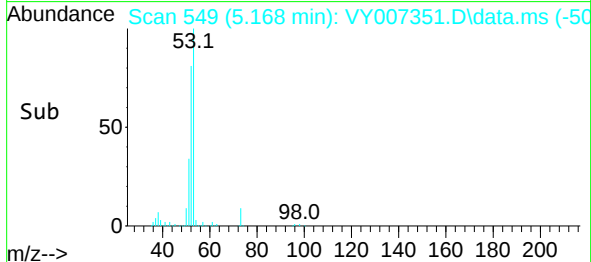
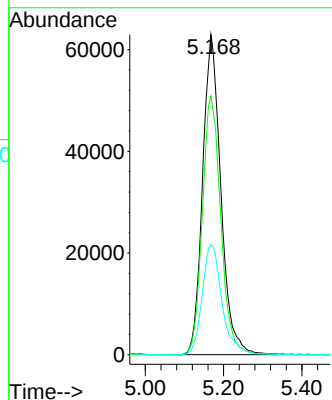
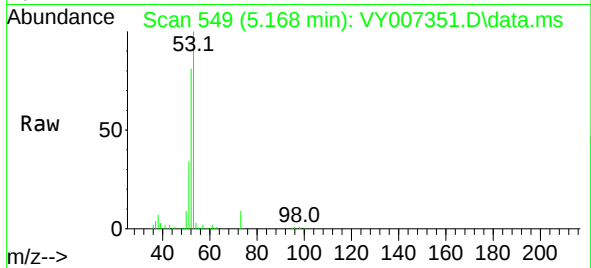




#15
Acrylonitrile
Concen: 486.718 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

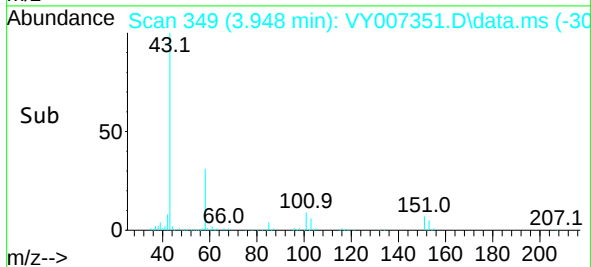
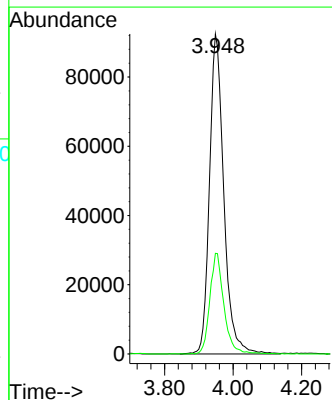
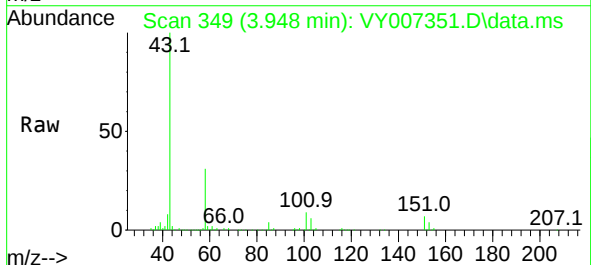
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

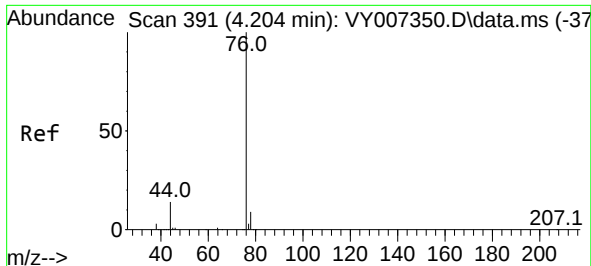
Tgt Ion: 53 Resp: 203787
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.4
51 37.3 29.8 44.6



#16
Acetone
Concen: 536.008 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 43 Resp: 268703
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0





#17

Carbon Disulfide

Concen: 100.181 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

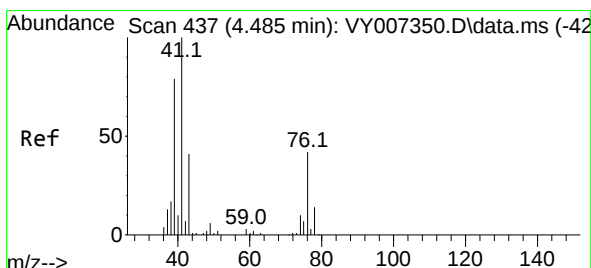
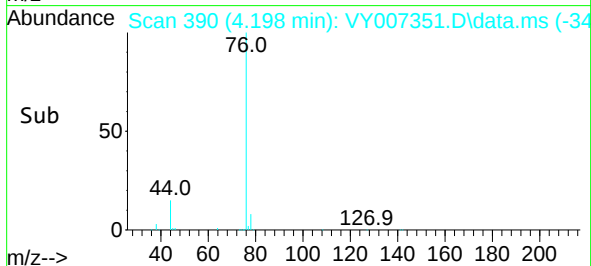
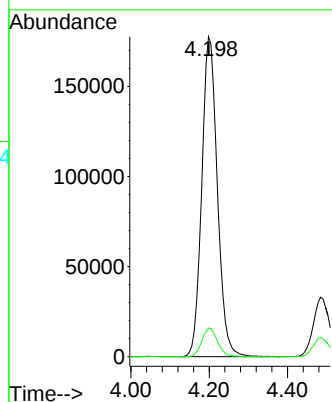
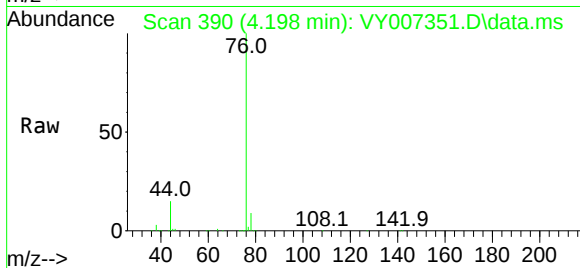
VSTDIC100

Tgt Ion: 76 Resp: 491225

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 96.712 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY007351.D

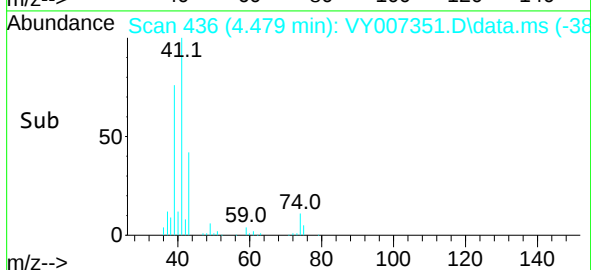
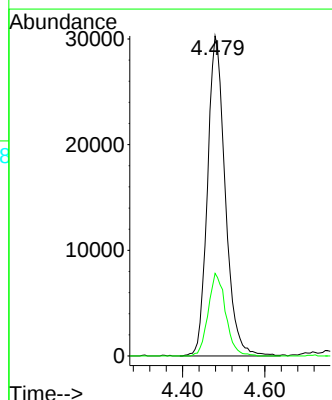
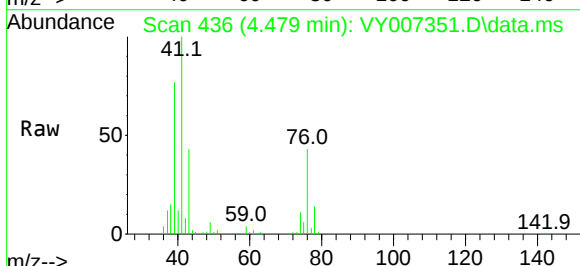
Acq: 02 Feb 2022 12:46

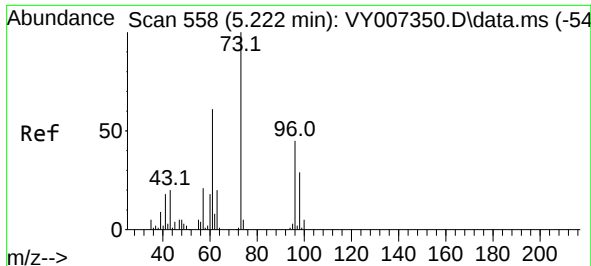
Tgt Ion: 43 Resp: 90807

Ion Ratio Lower Upper

43 100

74 25.4 16.6 24.8#

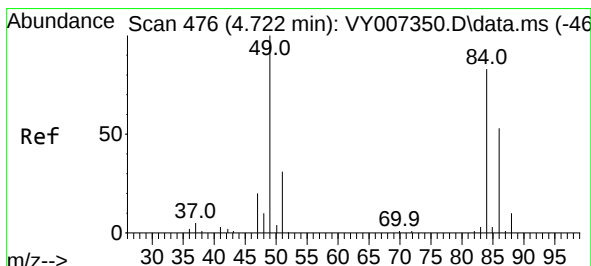
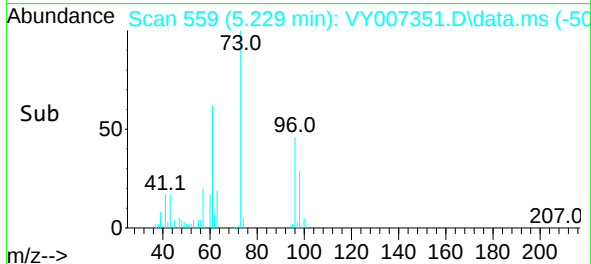
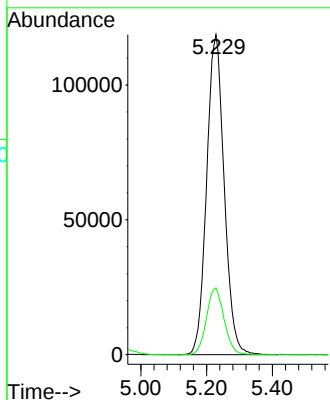
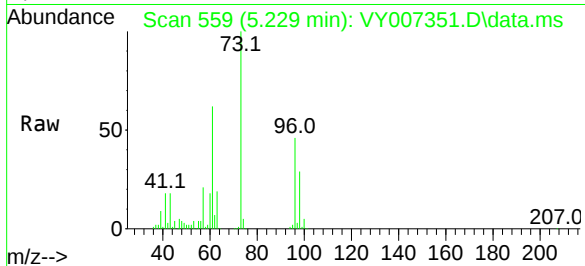




#19
Methyl tert-butyl Ether
Concen: 99.752 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

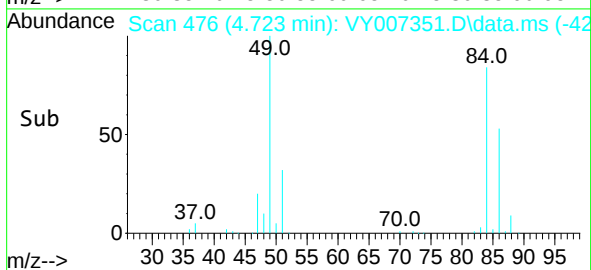
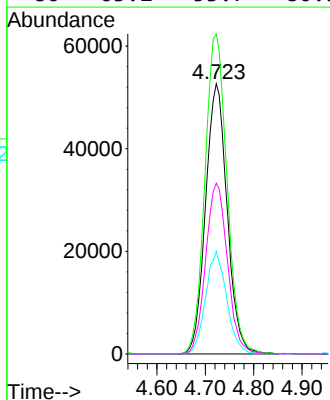
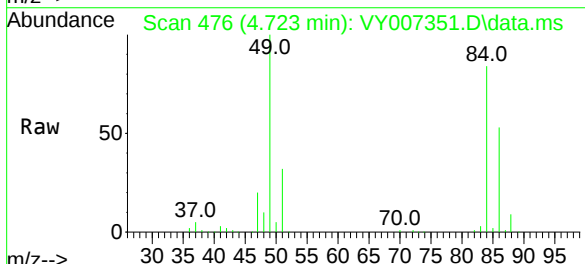
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

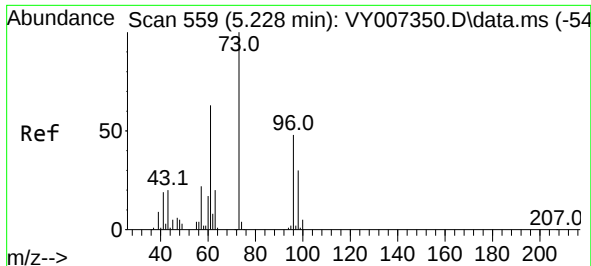
Tgt Ion: 73 Resp: 438949
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8



#20
Methylene Chloride
Concen: 102.948 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 84 Resp: 163311
Ion Ratio Lower Upper
84 100
49 118.4 114.4 171.6
51 38.0 35.3 52.9
86 63.2 53.7 80.5

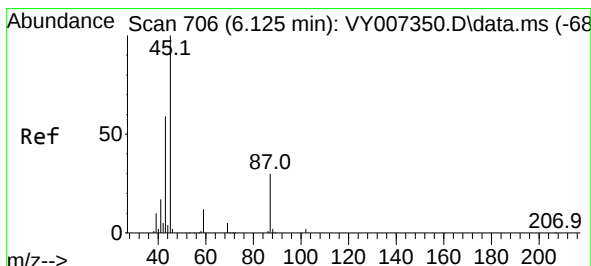
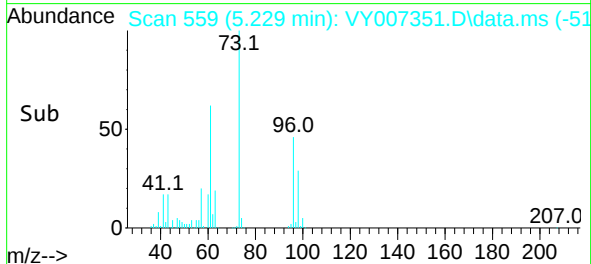
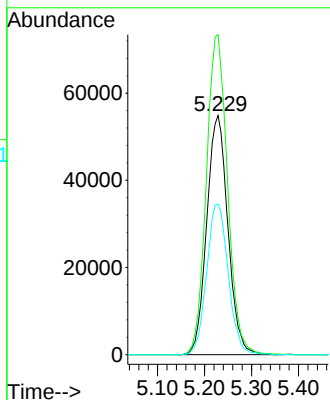
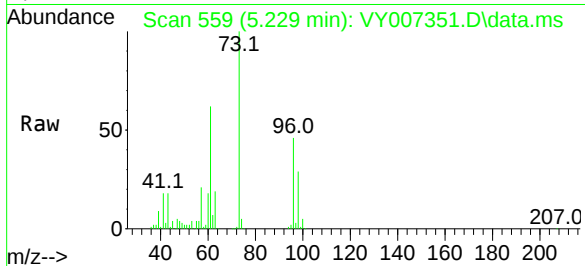




#21
trans-1,2-Dichloroethene
Concen: 99.289 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

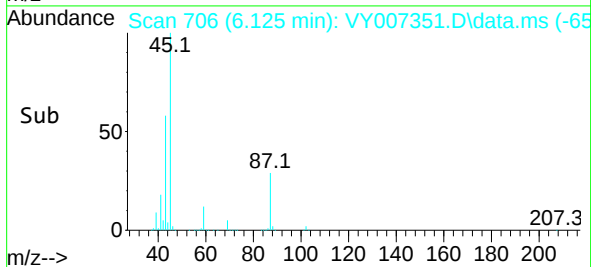
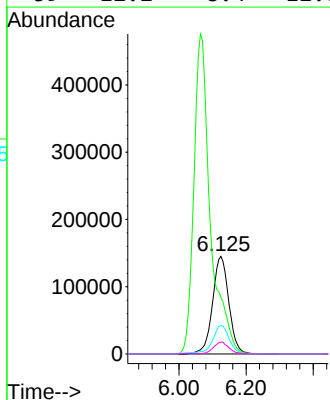
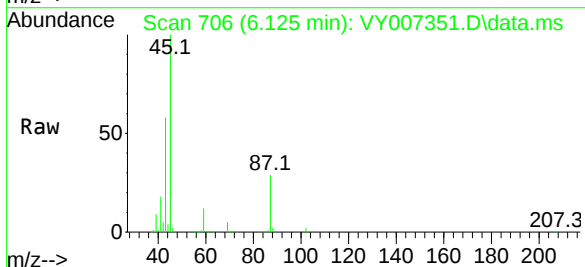
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

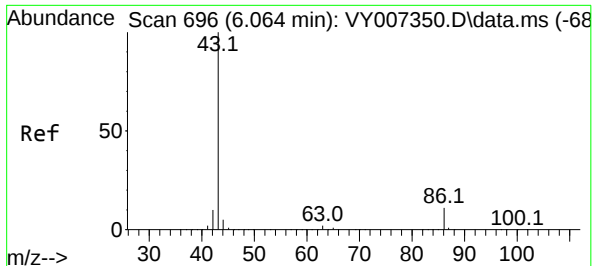
Tgt Ion: 96 Resp: 171561
Ion Ratio Lower Upper
96 100
61 133.8 120.5 180.7
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 97.264 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 45 Resp: 488910
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 29.2 19.2 28.8#
59 12.2 8.4 12.6

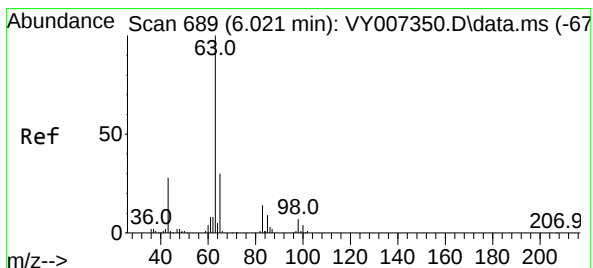
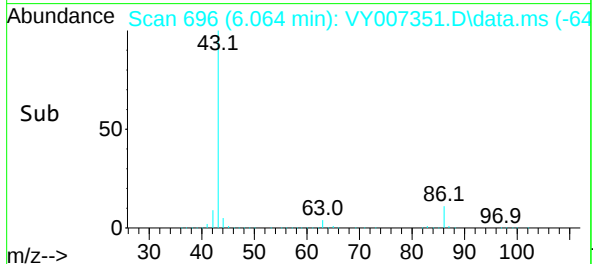
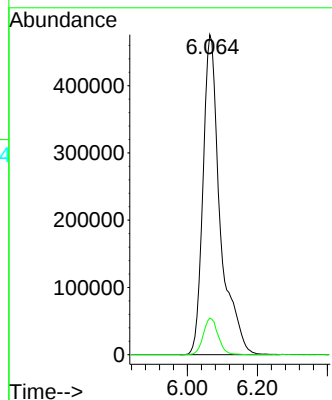
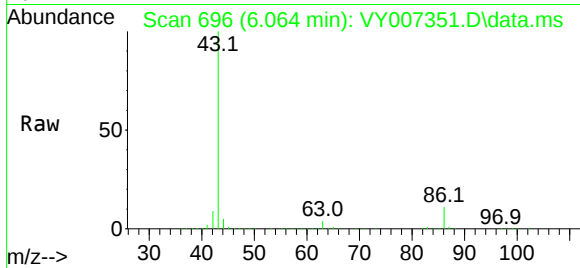




#23
 Vinyl Acetate
 Concen: 493.621 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007351.D
 Acq: 02 Feb 2022 12:46

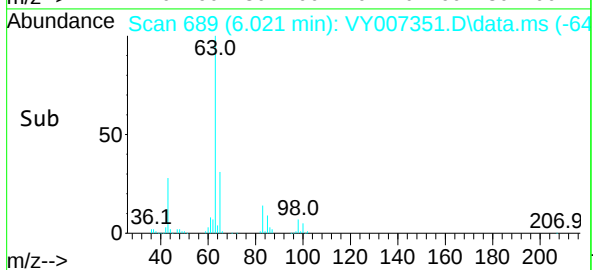
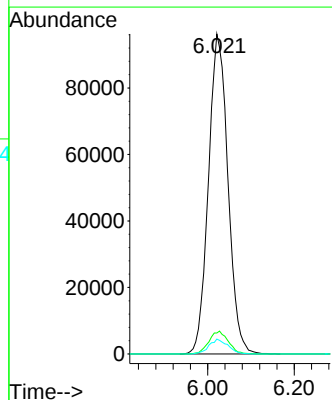
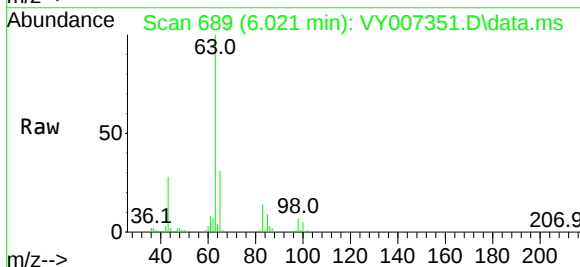
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

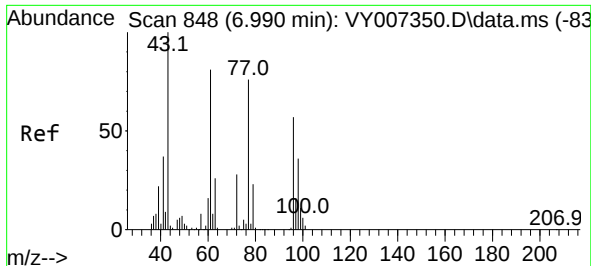
Tgt Ion: 43 Resp: 1618208
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 99.077 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007351.D
 Acq: 02 Feb 2022 12:46

Tgt Ion: 63 Resp: 300782
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.7 2.0 5.8

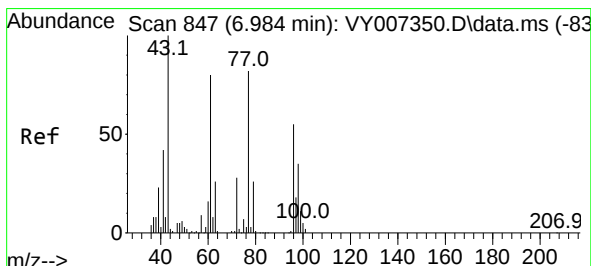
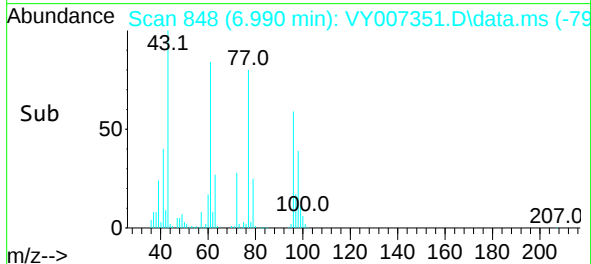
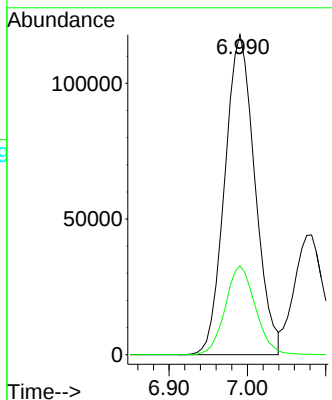
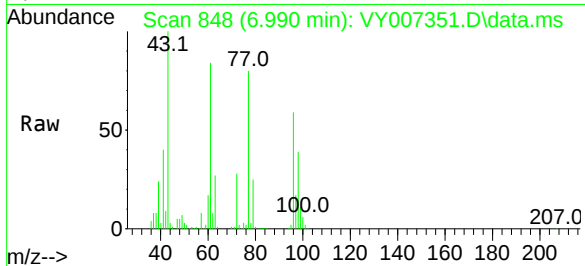




#25
2-Butanone
Concen: 520.351 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

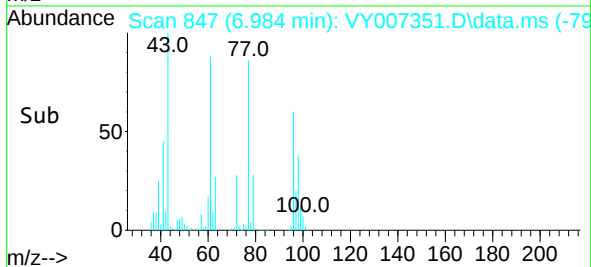
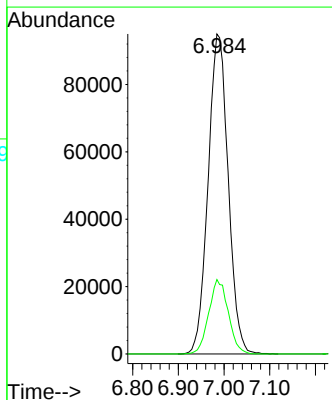
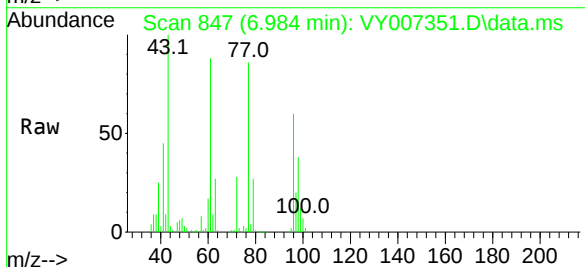
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

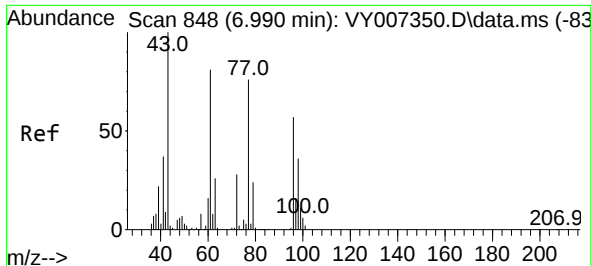
Tgt Ion: 43 Resp: 315163
Ion Ratio Lower Upper
43 100
72 27.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 99.805 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 77 Resp: 289922
Ion Ratio Lower Upper
77 100
97 22.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 100.305 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

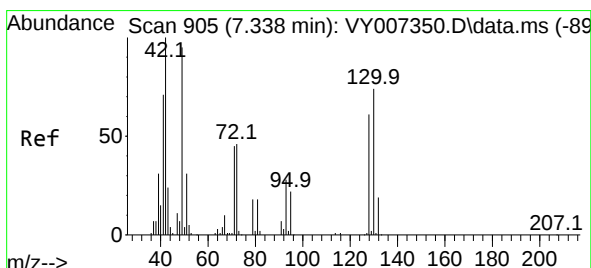
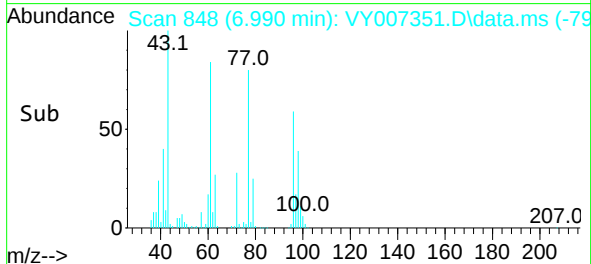
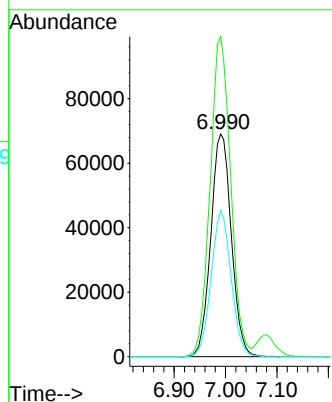
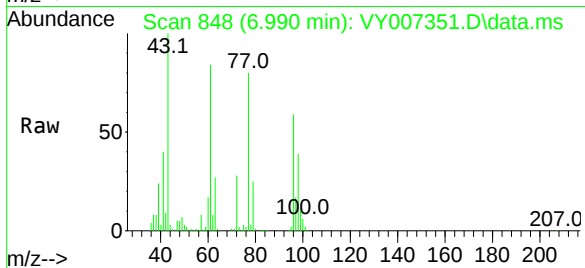
Tgt Ion: 96 Resp: 191438

Ion Ratio Lower Upper

96 100

61 144.0 0.0 319.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 101.677 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

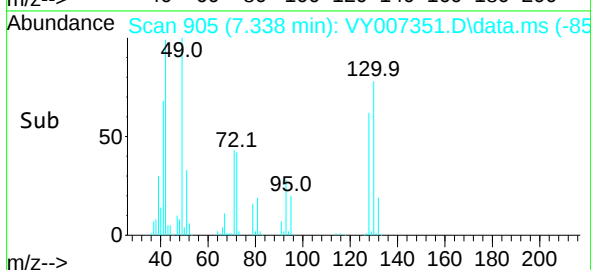
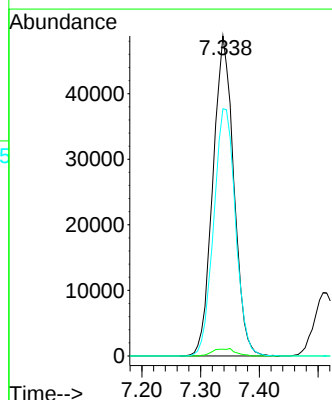
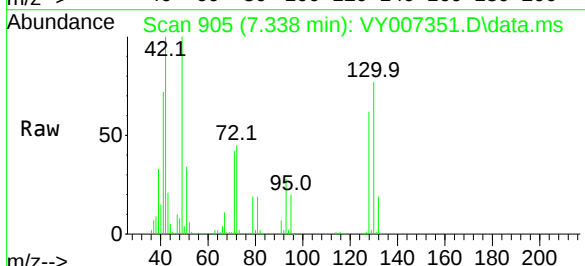
Tgt Ion: 49 Resp: 120695

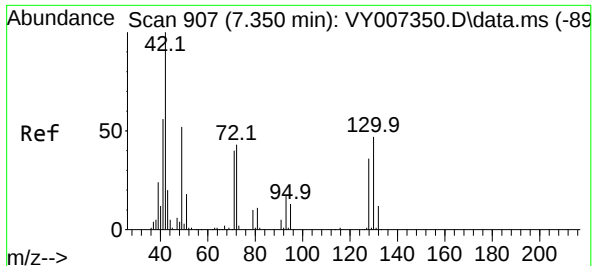
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 80.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 477.711 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

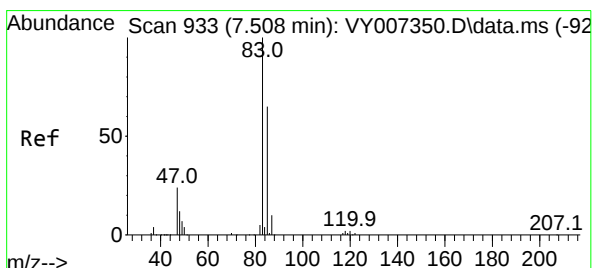
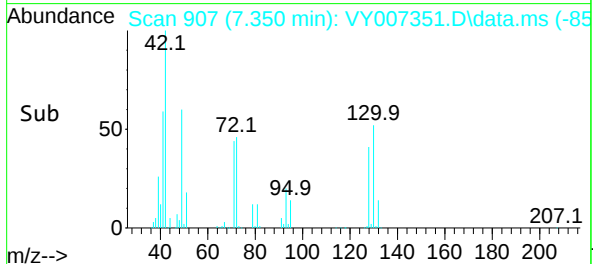
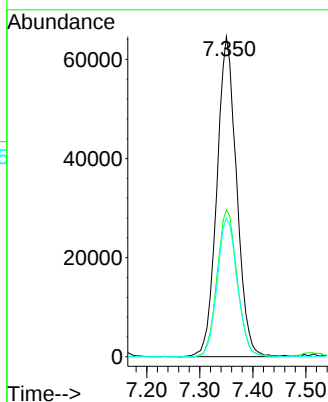
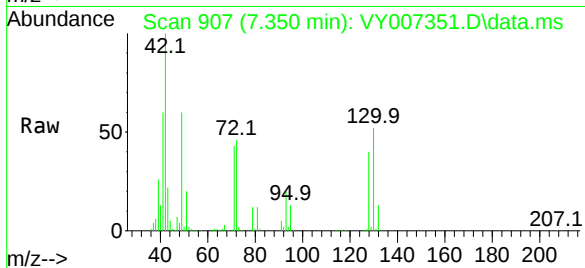
Tgt Ion: 42 Resp: 167194

Ion Ratio Lower Upper

42 100

72 46.4 30.3 45.5#

71 43.8 29.0 43.4#



#30

Chloroform

Concen: 98.280 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007351.D

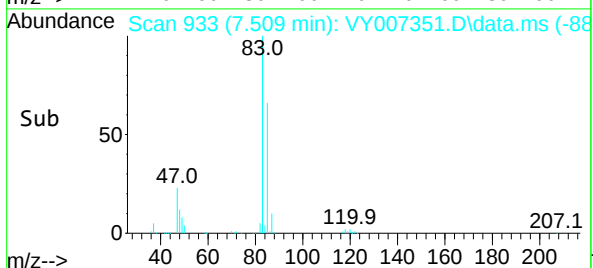
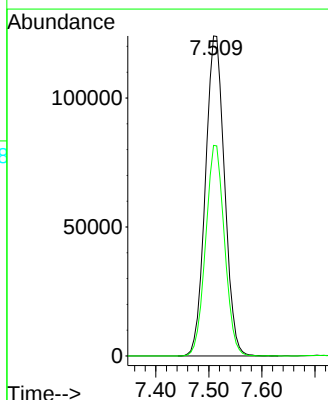
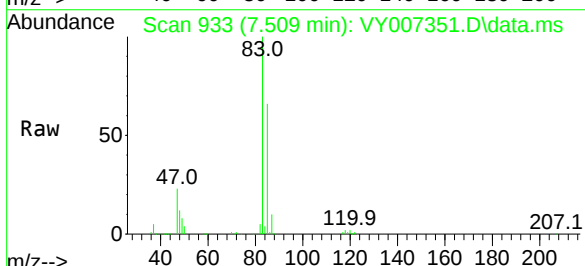
Acq: 02 Feb 2022 12:46

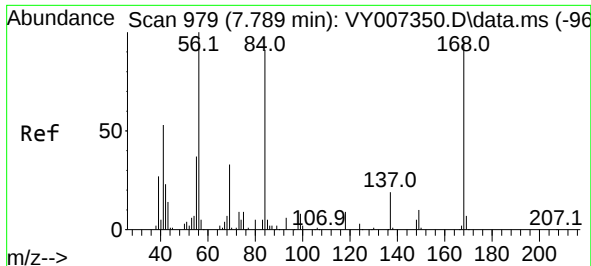
Tgt Ion: 83 Resp: 310373

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6

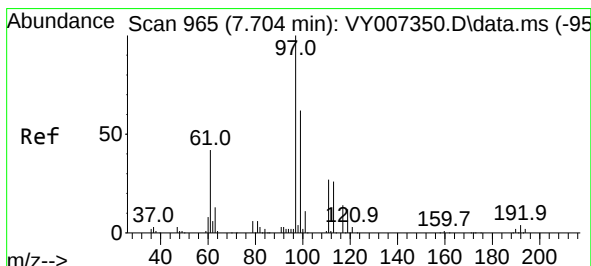
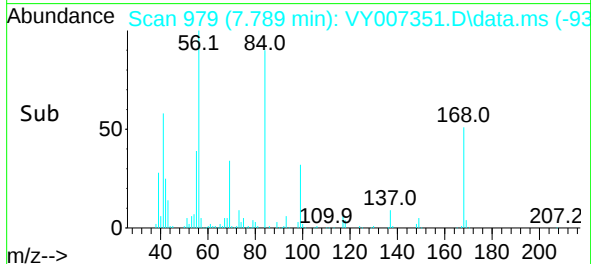
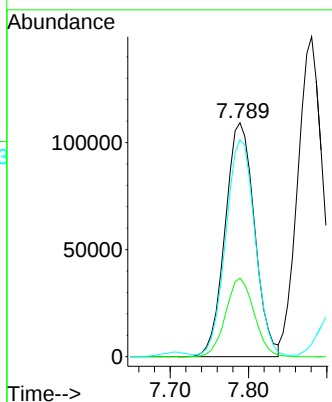
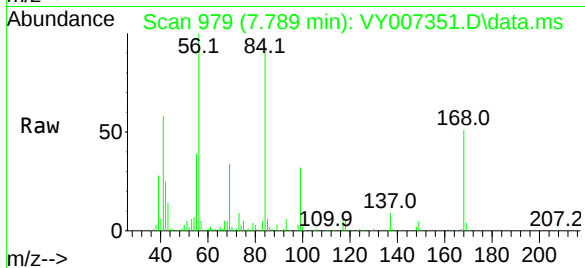




#31
Cyclohexane
Concen: 94.687 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

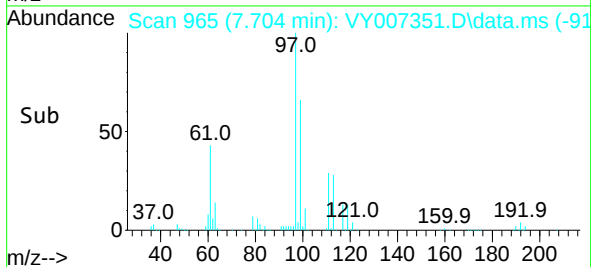
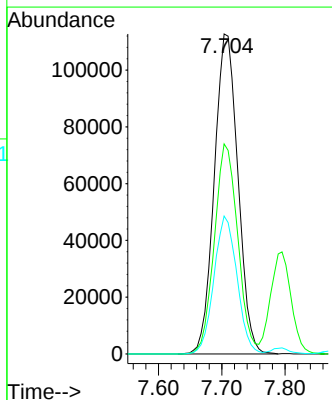
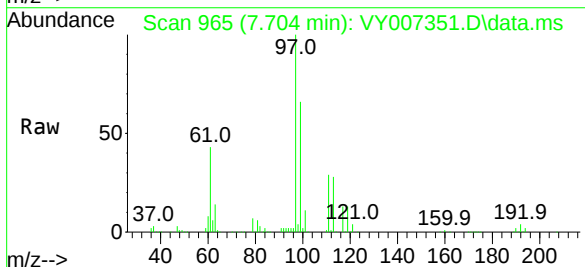
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

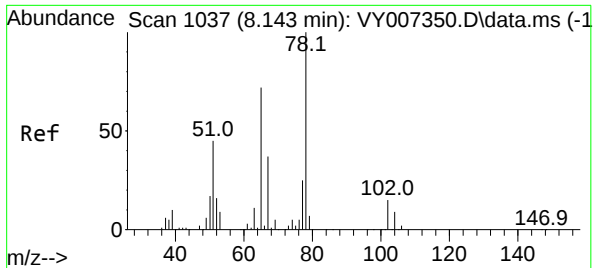
Tgt Ion: 56 Resp: 285187
Ion Ratio Lower Upper
56 100
69 33.6 26.7 40.1
84 90.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 99.611 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 97 Resp: 292371
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 42.0 37.6 56.4

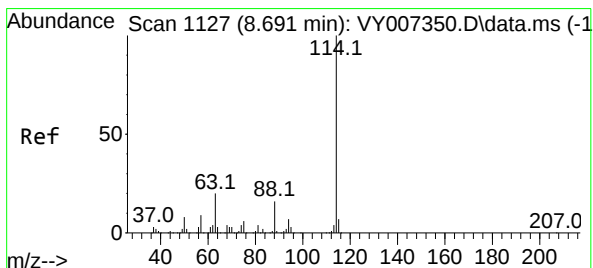
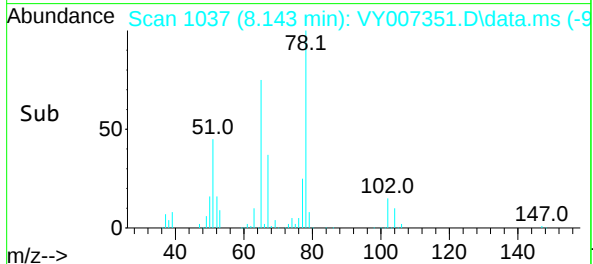
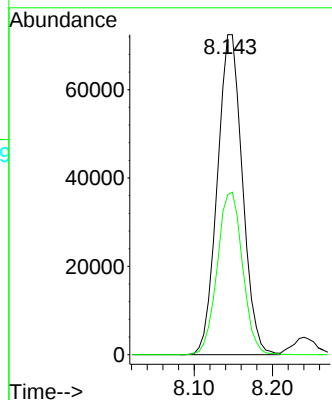
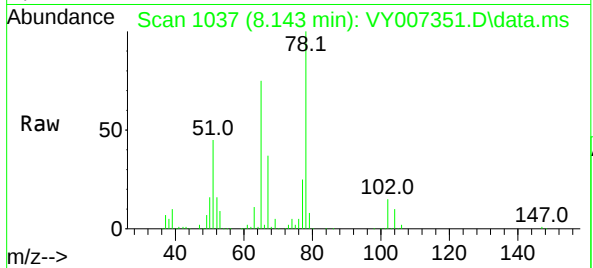




#33
 1,2-Dichloroethane-d4
 Concen: 104.540 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007351.D
 Acq: 02 Feb 2022 12:46

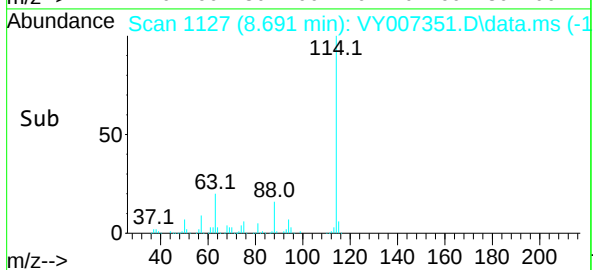
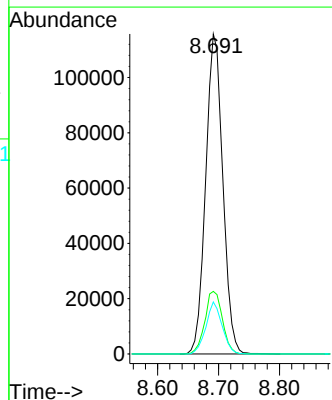
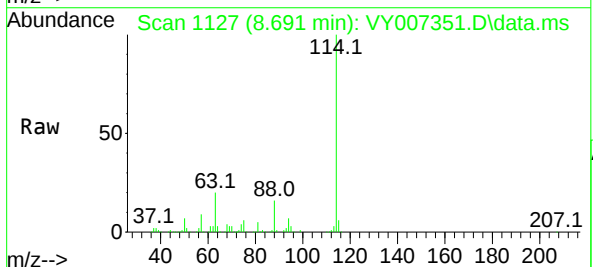
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

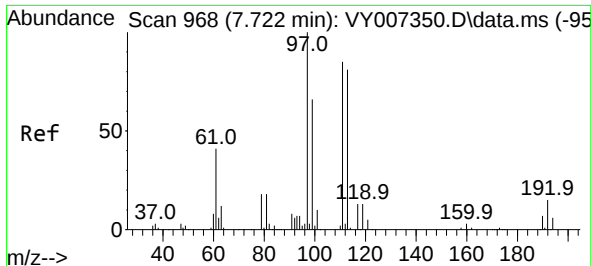
Tgt Ion: 65 Resp: 161363
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007351.D
 Acq: 02 Feb 2022 12:46

Tgt Ion: 114 Resp: 226000
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.2
 88 16.2 0.0 31.8

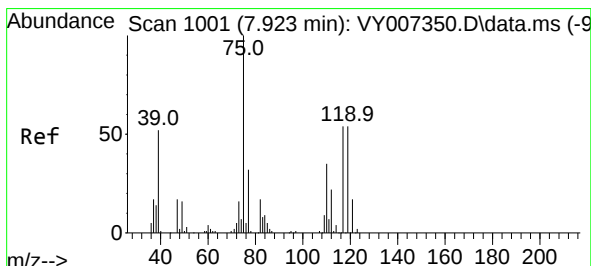
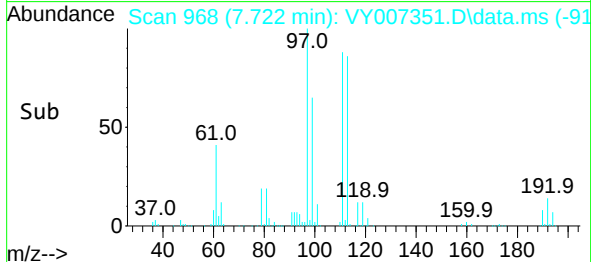
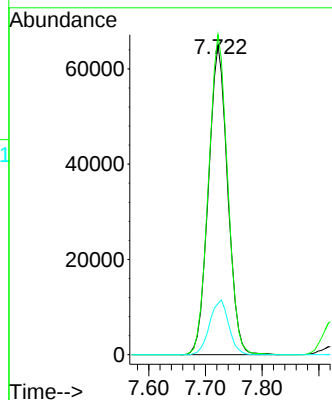
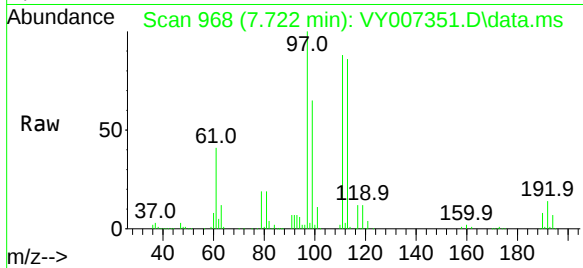




#35
Dibromofluoromethane
Concen: 105.115 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

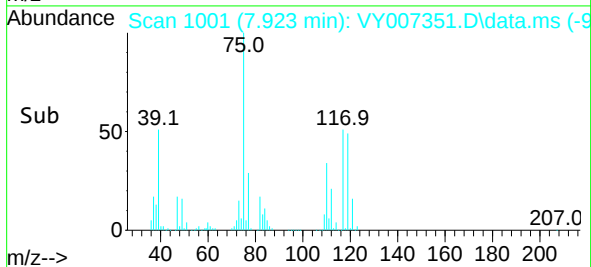
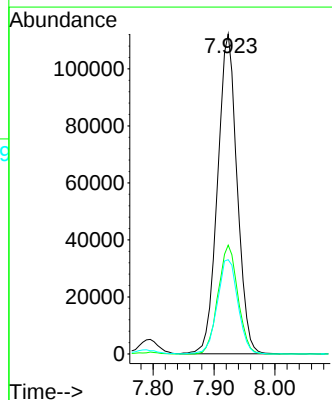
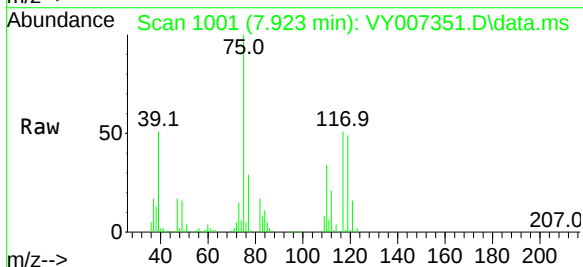
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

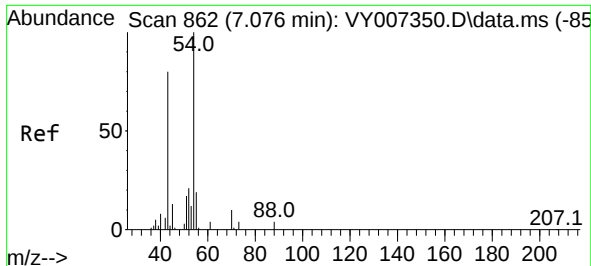
Tgt Ion:113 Resp: 152545
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 98.511 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 75 Resp: 249931
Ion Ratio Lower Upper
75 100
110 34.4 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 93.557 ug/l

RT: 7.082 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

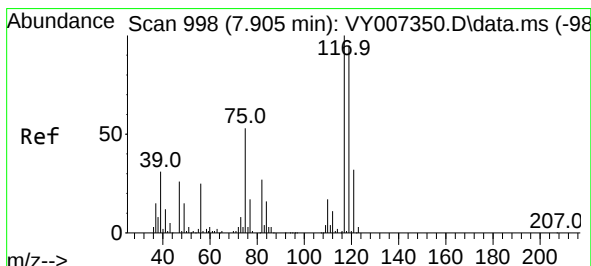
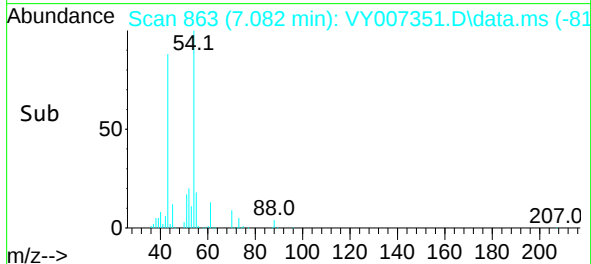
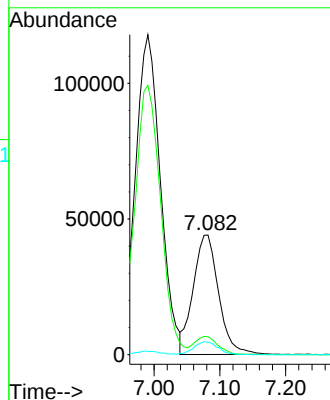
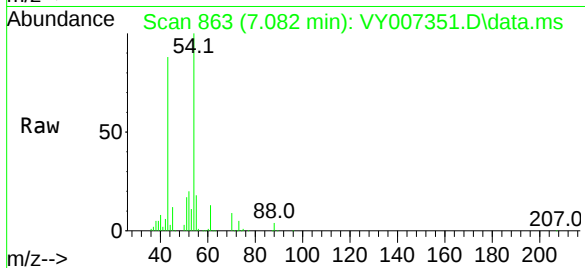
Tgt Ion: 43 Resp: 118006

Ion Ratio Lower Upper

43 100

61 13.6 9.7 14.5

70 10.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 99.665 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

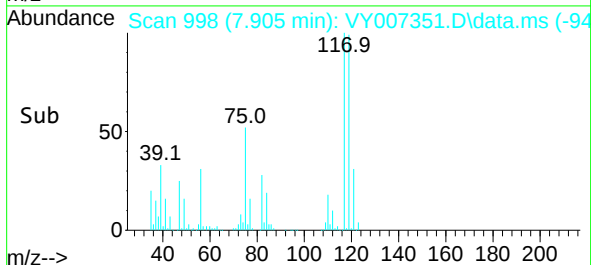
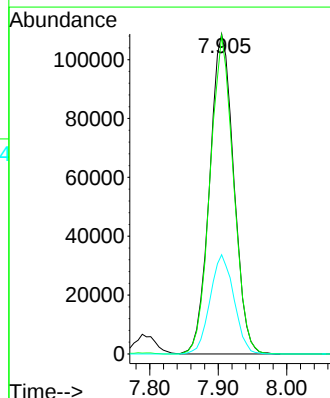
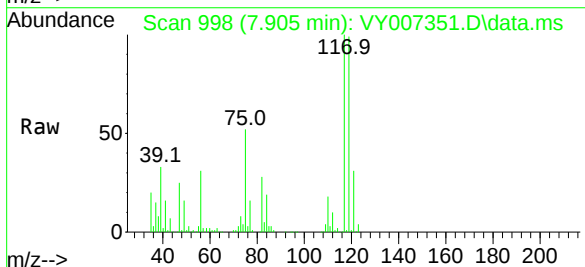
Tgt Ion: 117 Resp: 265656

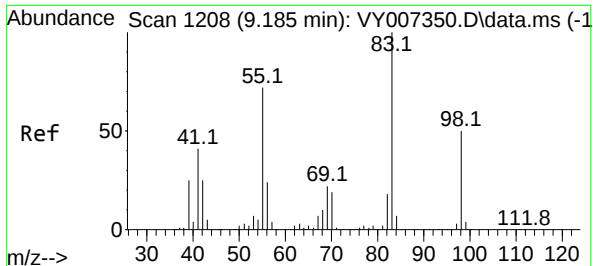
Ion Ratio Lower Upper

117 100

119 99.4 77.9 116.9

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 99.828 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

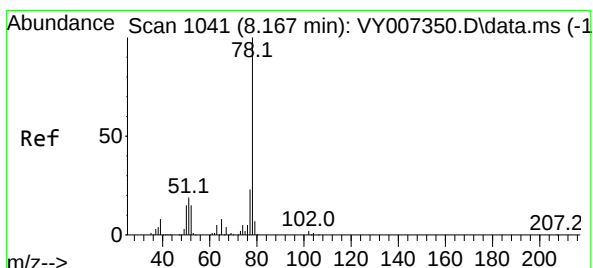
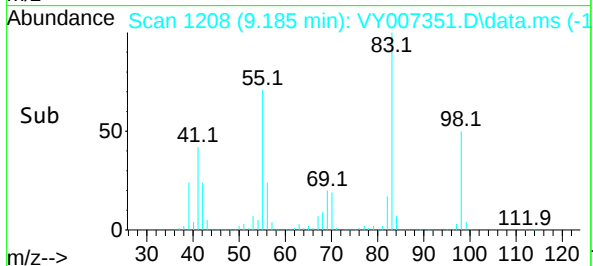
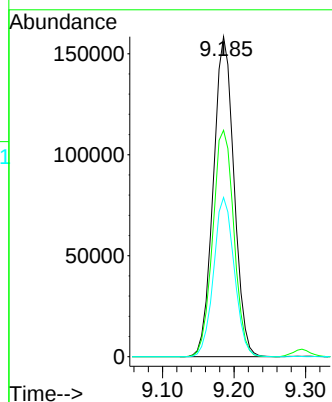
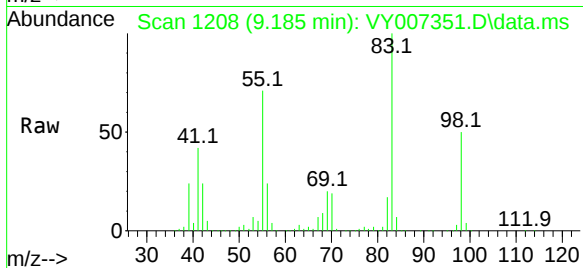
Tgt Ion: 83 Resp: 318070

Ion Ratio Lower Upper

83 100

55 70.8 66.5 99.7

98 49.7 37.9 56.9



#40

Benzene

Concen: 99.533 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY007351.D

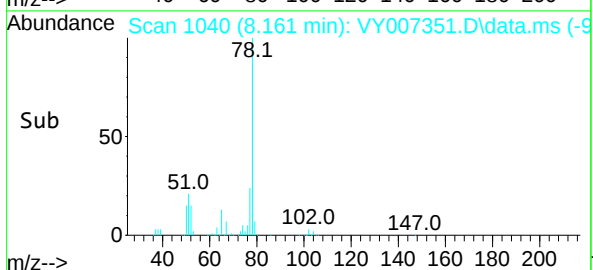
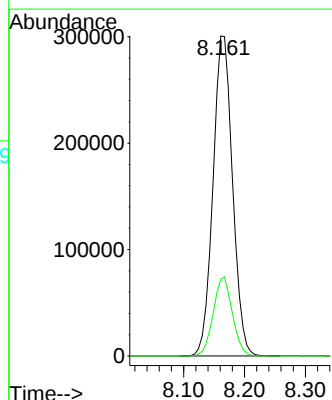
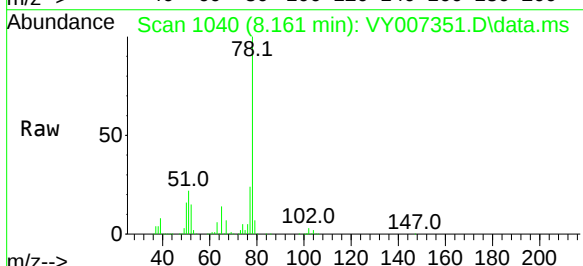
Acq: 02 Feb 2022 12:46

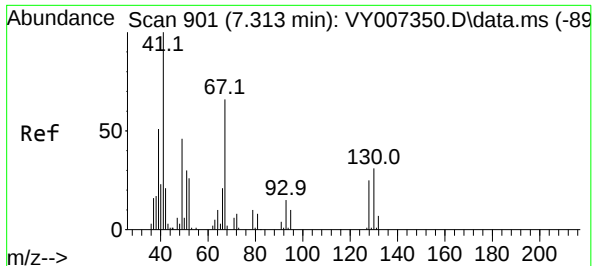
Tgt Ion: 78 Resp: 669362

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

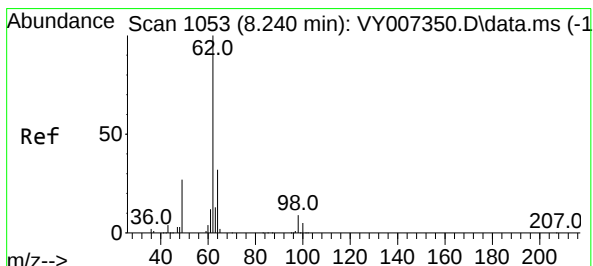
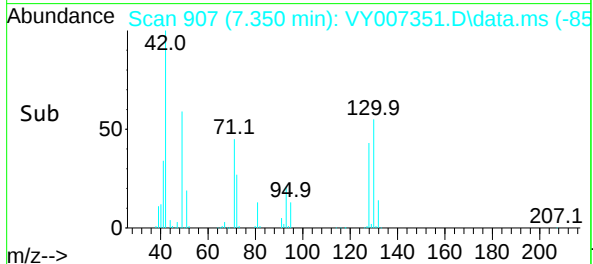
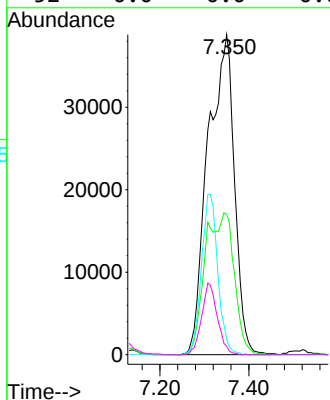
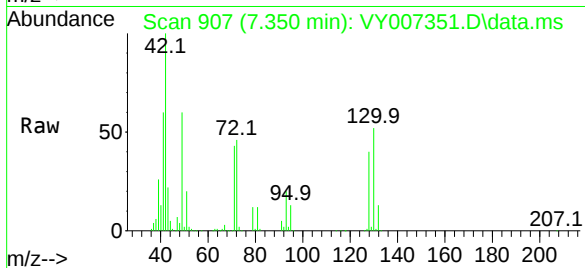




#41
Methacrylonitrile
Concen: 199.208 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

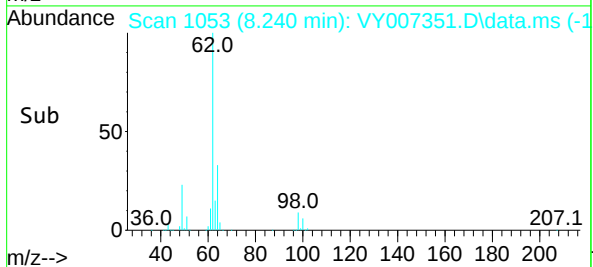
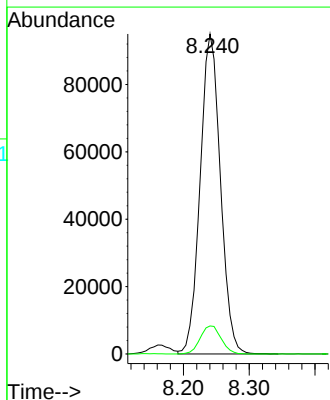
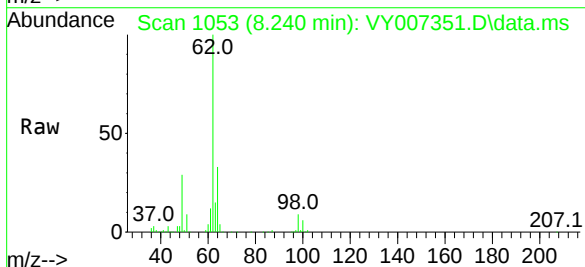
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

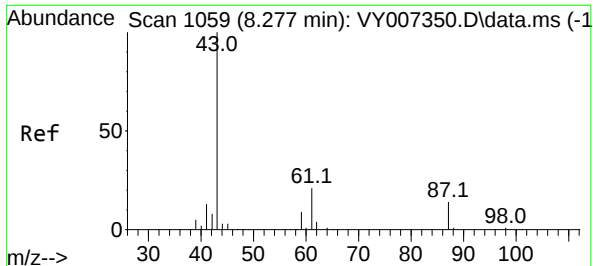
Tgt Ion: 41 Resp: 159897
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 99.565 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 62 Resp: 203542
Ion Ratio Lower Upper
62 100
98 9.1 0.0 14.8

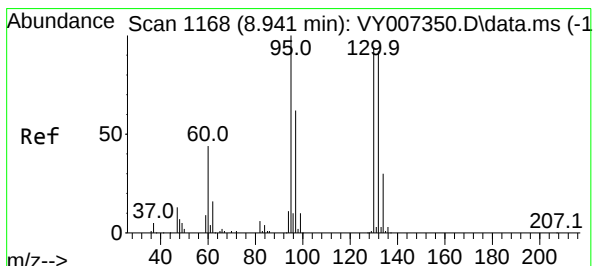
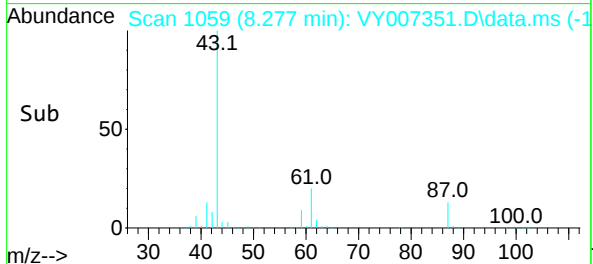
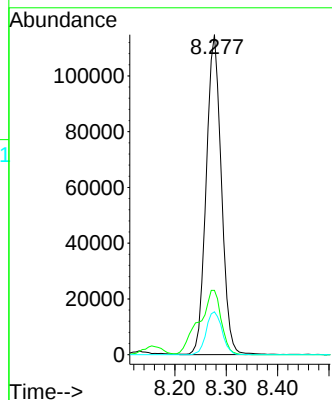
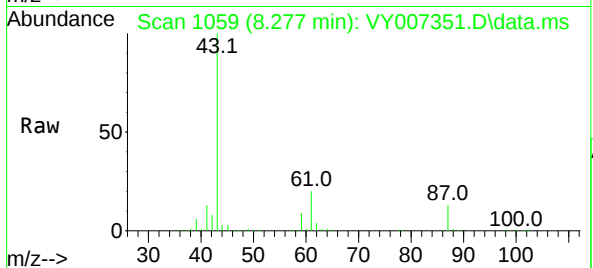




#43
Isopropyl Acetate
Concen: 99.160 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

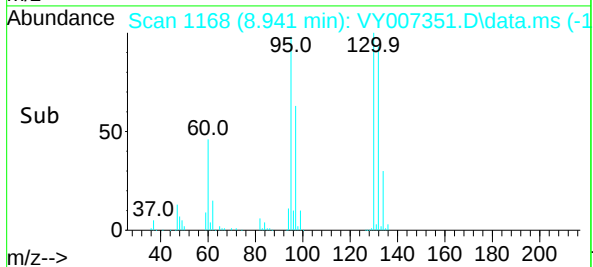
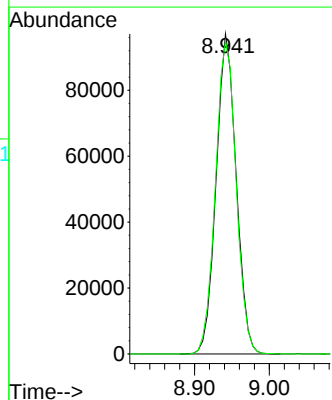
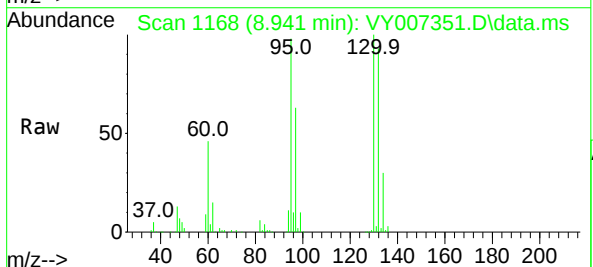
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

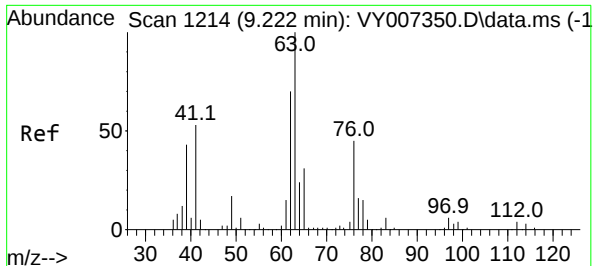
Tgt Ion: 43 Resp: 233904
Ion Ratio Lower Upper
43 100
61 29.5 20.2 30.2
87 14.1 8.9 13.3#



#44
Trichloroethene
Concen: 99.683 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion:130 Resp: 181256
Ion Ratio Lower Upper
130 100
95 97.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 99.351 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

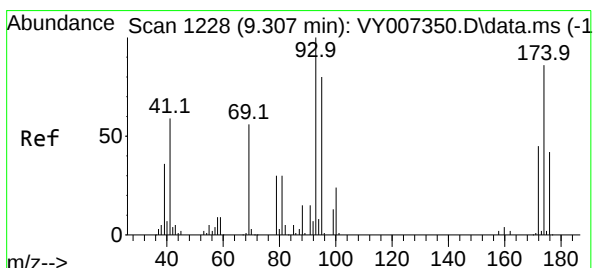
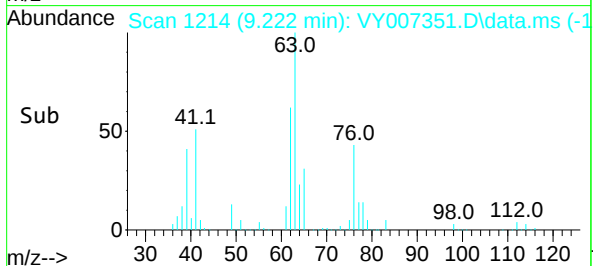
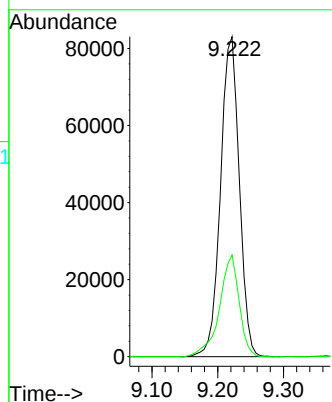
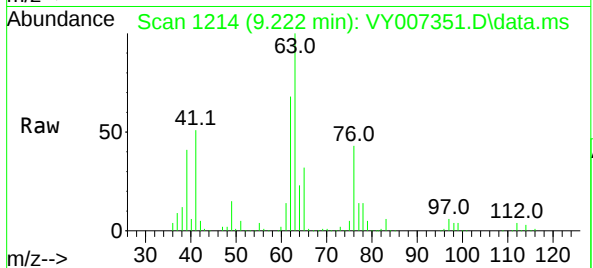
VSTDIC100

Tgt Ion: 63 Resp: 164750

Ion Ratio Lower Upper

63 100

65 31.7 23.0 34.6



#46

Dibromomethane

Concen: 98.186 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

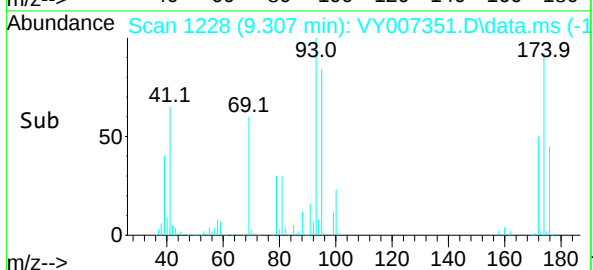
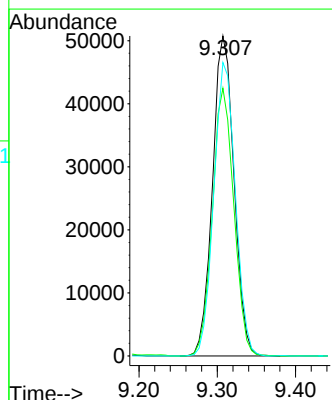
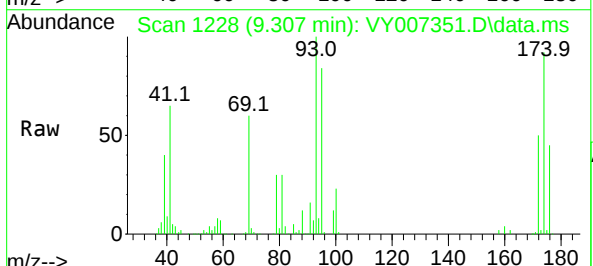
Tgt Ion: 93 Resp: 96869

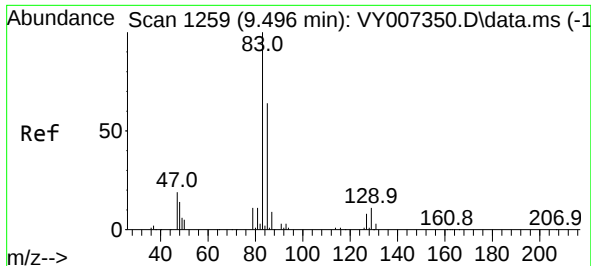
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

174 91.8 83.4 125.0

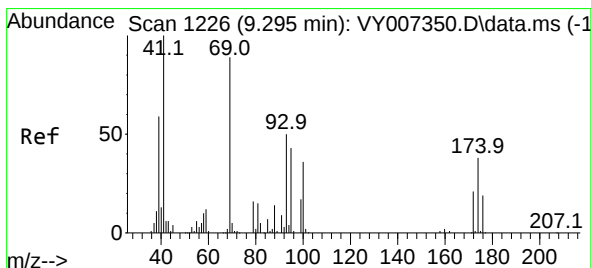
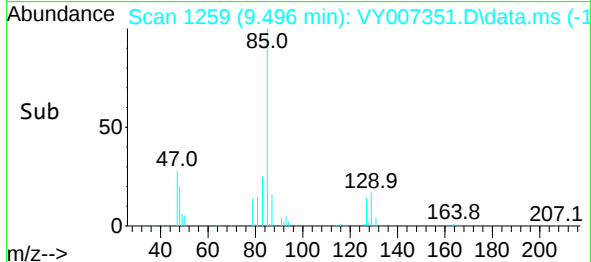
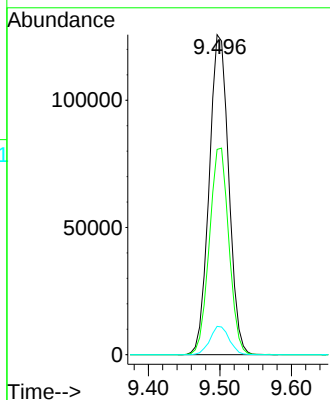
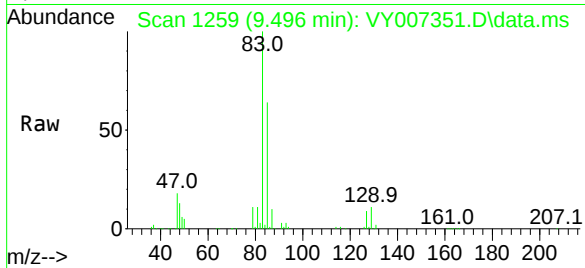




#47
Bromodichloromethane
Concen: 100.061 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

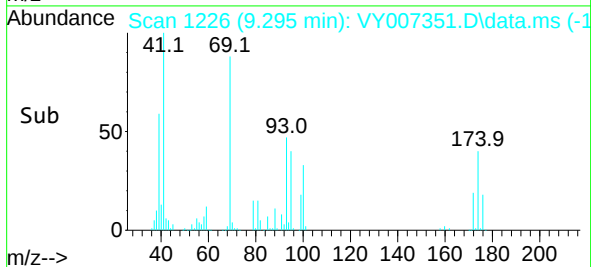
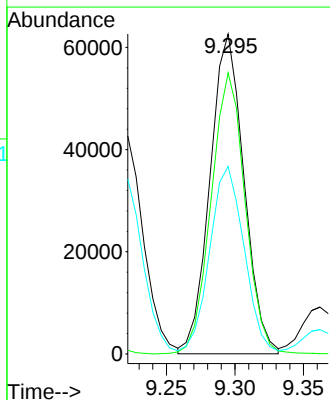
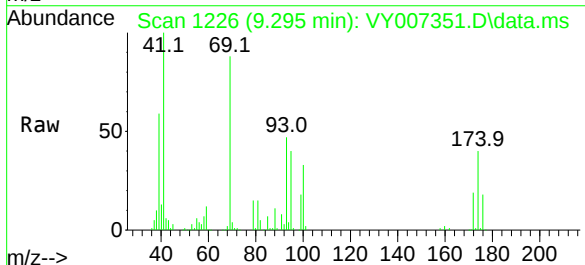
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

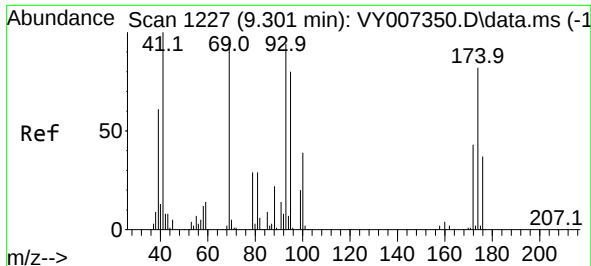
Tgt Ion: 83 Resp: 238720
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 101.154 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 41 Resp: 107908
Ion Ratio Lower Upper
41 100
69 87.9 58.2 87.2#
39 57.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1769.887 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007351.D

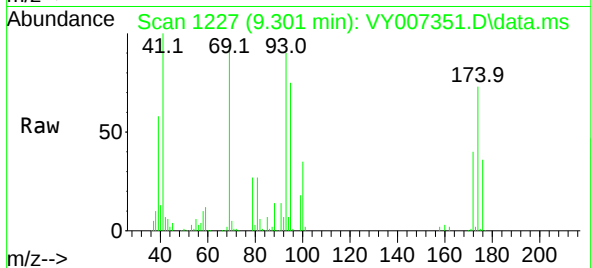
Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100



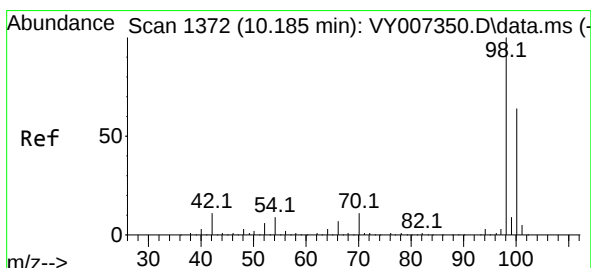
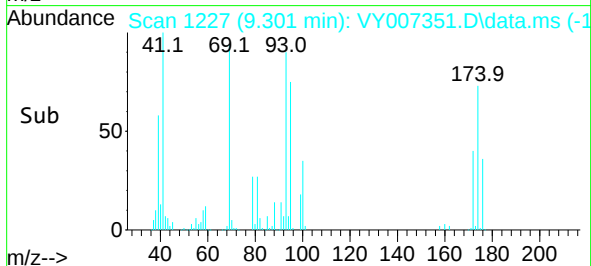
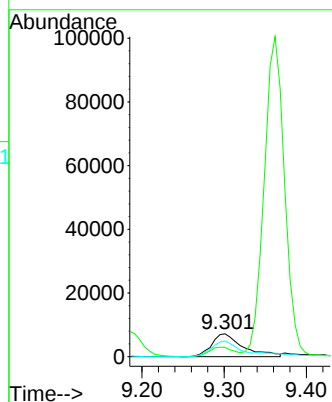
Tgt Ion: 88 Resp: 19127

Ion Ratio Lower Upper

88 100

43 33.0 32.8 49.2

58 59.1 59.8 89.6#



#50

Toluene-d8

Concen: 106.045 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007351.D

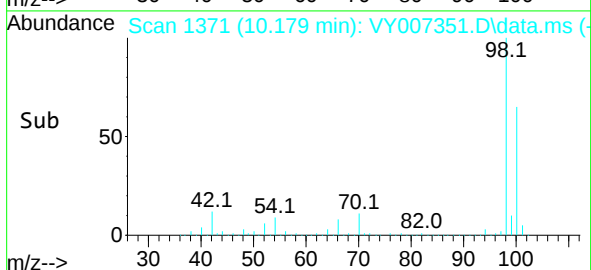
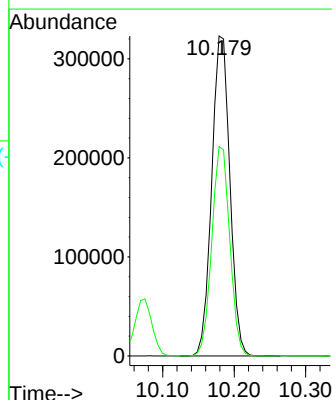
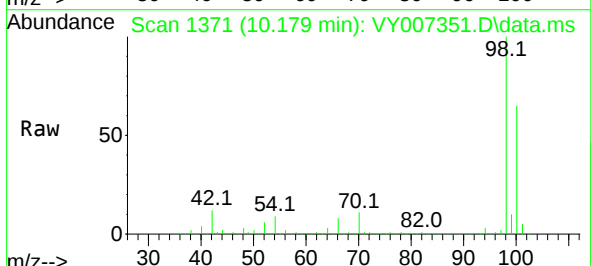
Acq: 02 Feb 2022 12:46

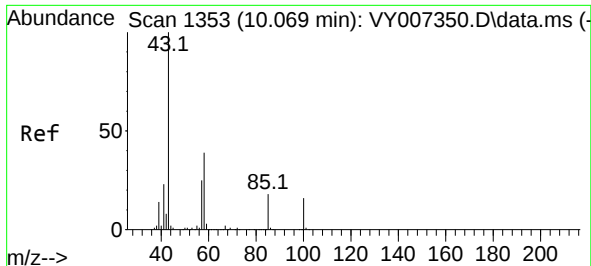
Tgt Ion: 98 Resp: 568568

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

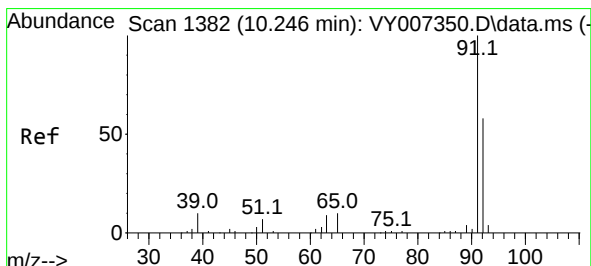
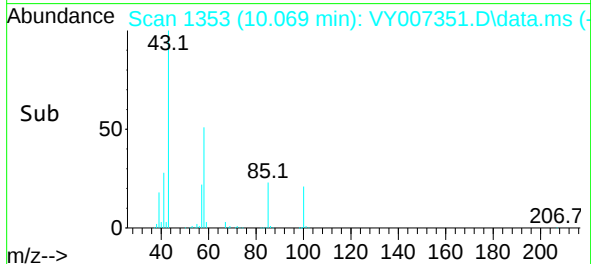
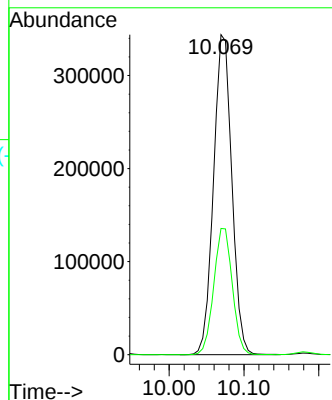
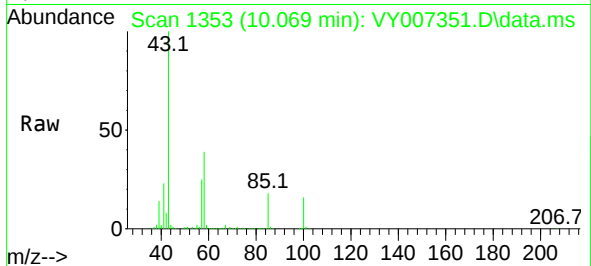




#51
4-Methyl-2-Pentanone
Concen: 490.561 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

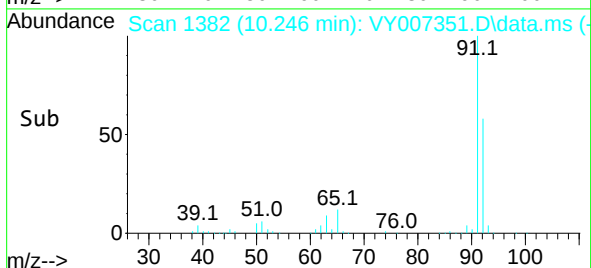
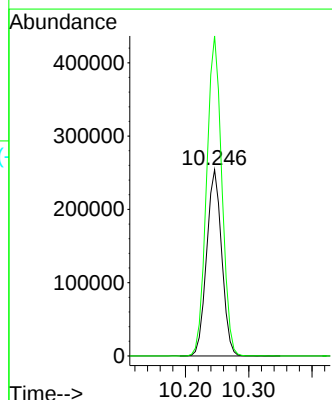
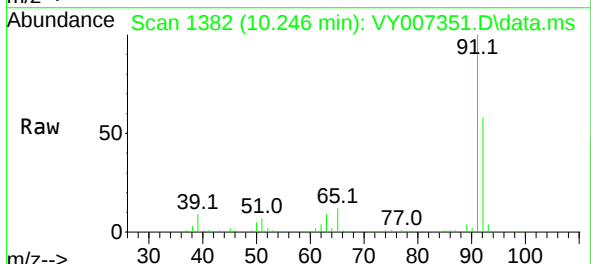
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

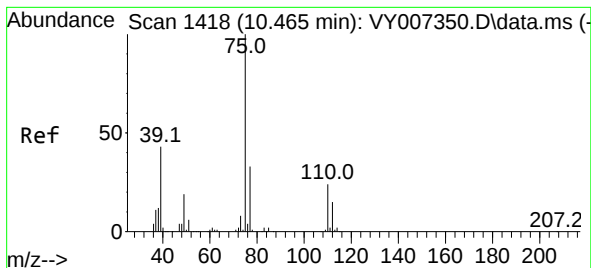
Tgt Ion: 43 Resp: 586875
Ion Ratio Lower Upper
43 100
58 40.0 28.1 42.1



#52
Toluene
Concen: 99.548 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 92 Resp: 421800
Ion Ratio Lower Upper
92 100
91 173.1 142.6 213.8

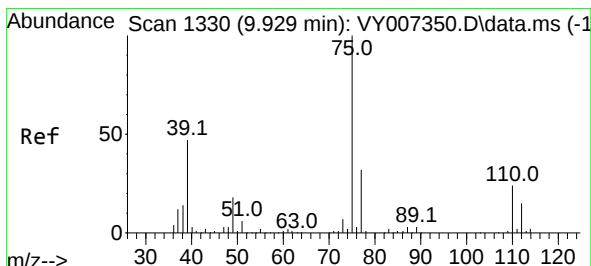
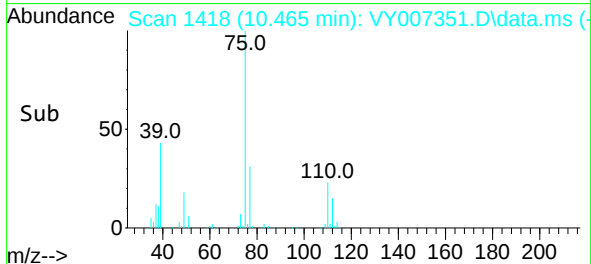
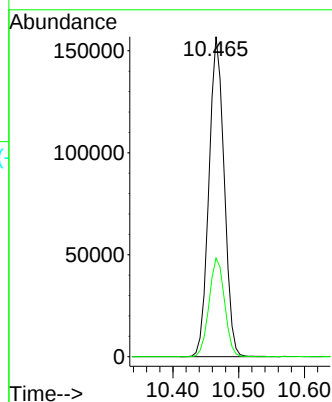
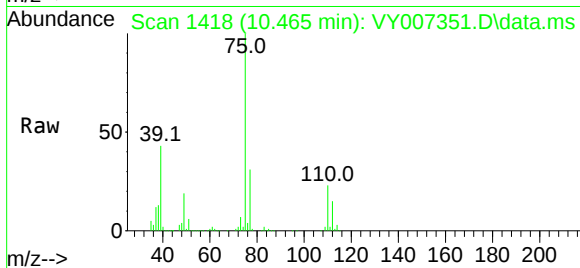




#53
t-1,3-Dichloropropene
Concen: 101.644 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

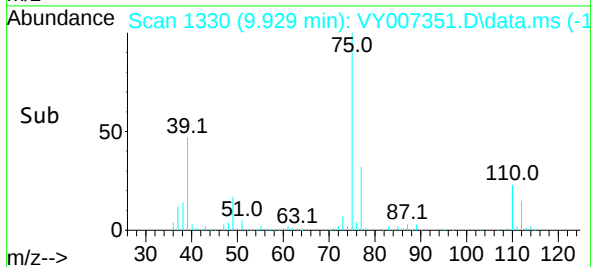
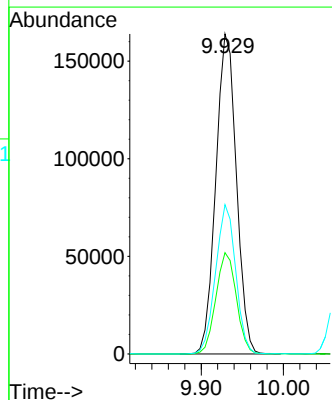
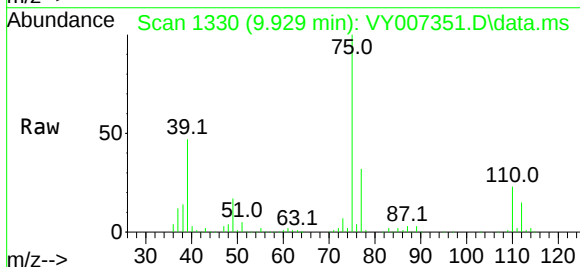
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

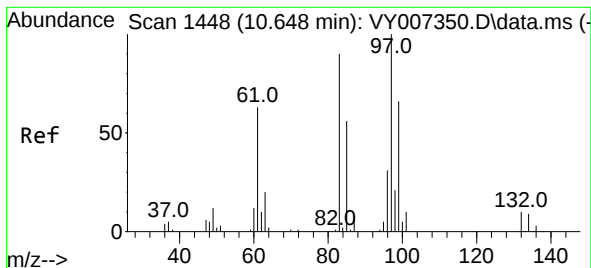
Tgt Ion: 75 Resp: 253333
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 102.015 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 75 Resp: 284786
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 46.6 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 99.379 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 128769

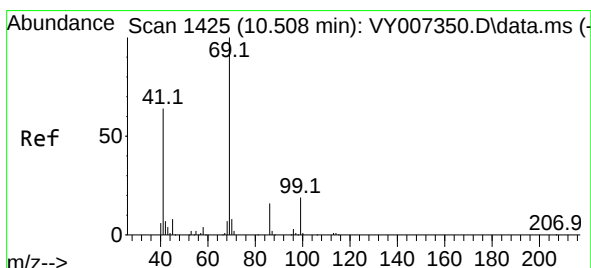
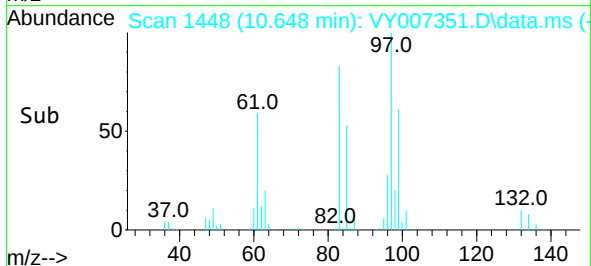
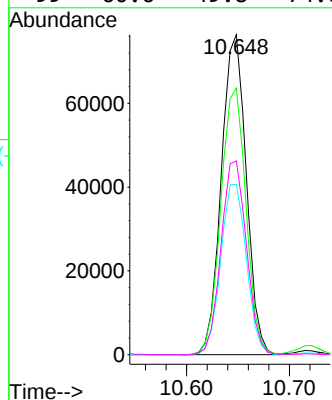
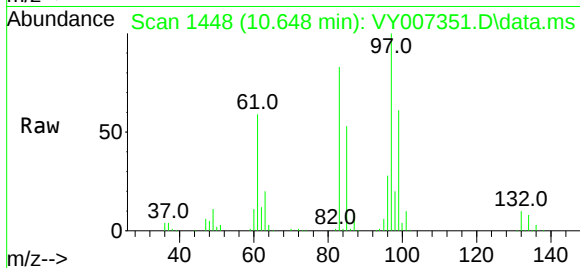
Ion Ratio Lower Upper

97 100

83 83.3 69.8 104.8

85 53.2 44.3 66.5

99 60.6 49.8 74.6



#56

Ethyl methacrylate

Concen: 101.544 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

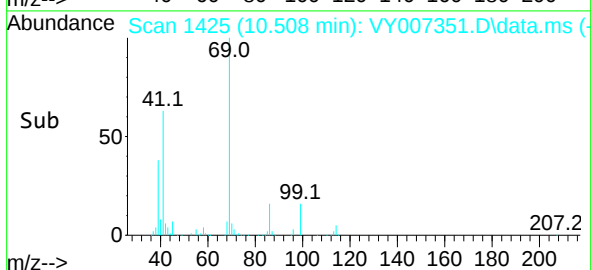
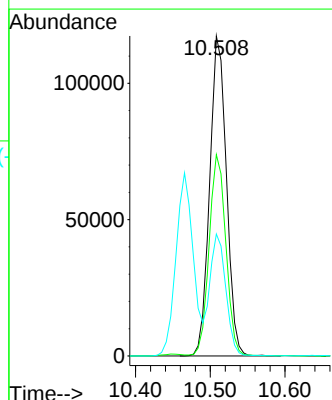
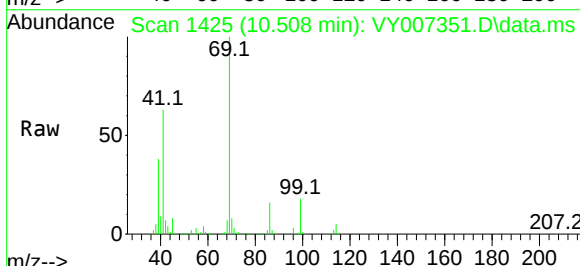
Tgt Ion: 69 Resp: 182750

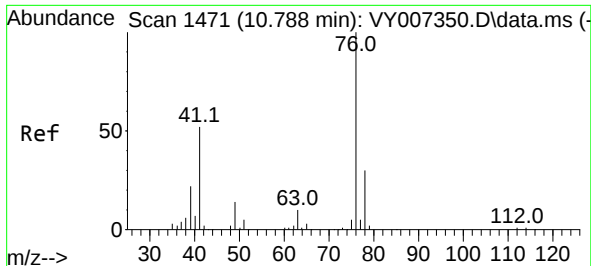
Ion Ratio Lower Upper

69 100

41 62.7 63.4 95.0#

39 36.3 35.8 53.8





#57

1,3-Dichloropropane

Concen: 98.492 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

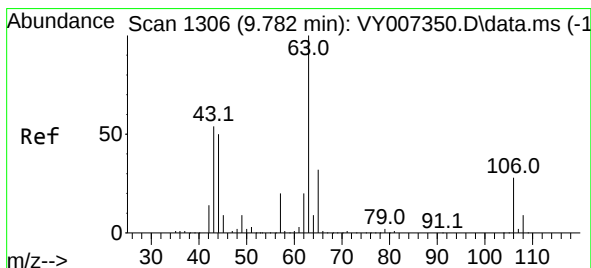
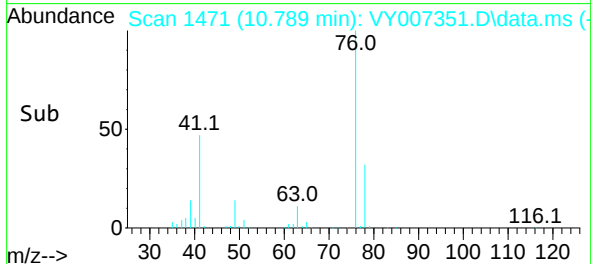
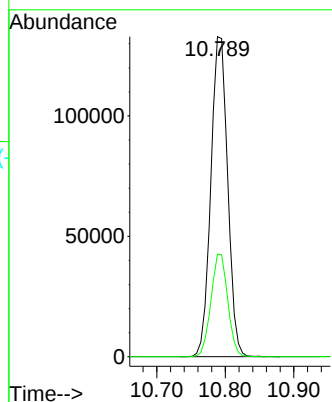
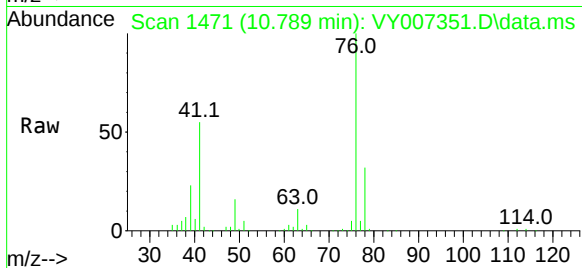
VSTDIC100

Tgt Ion: 76 Resp: 226272

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 517.677 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007351.D

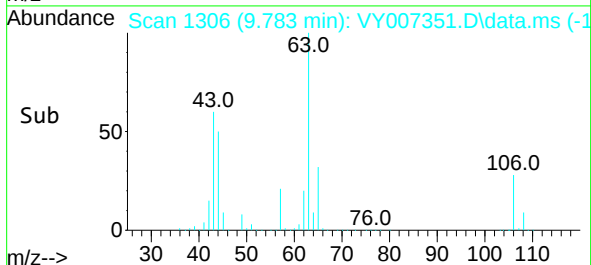
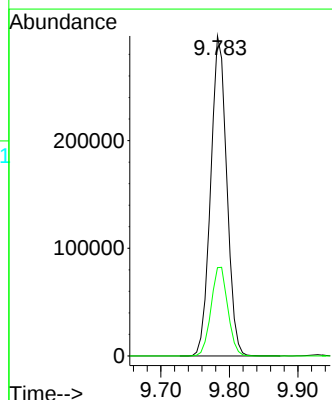
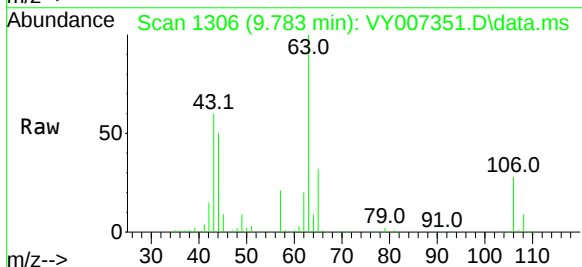
Acq: 02 Feb 2022 12:46

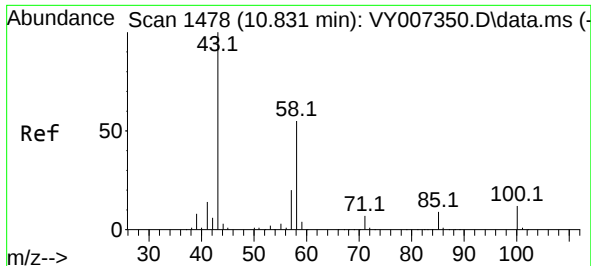
Tgt Ion: 63 Resp: 484635

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

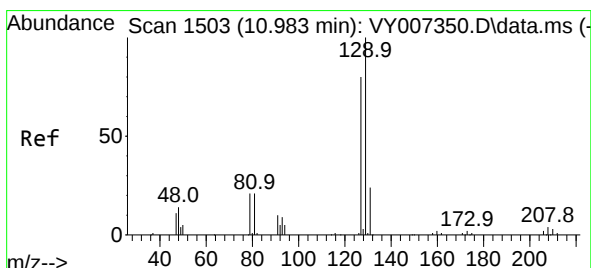
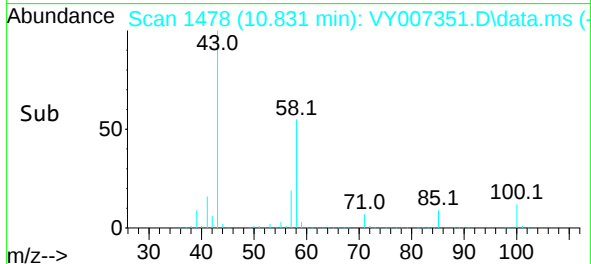
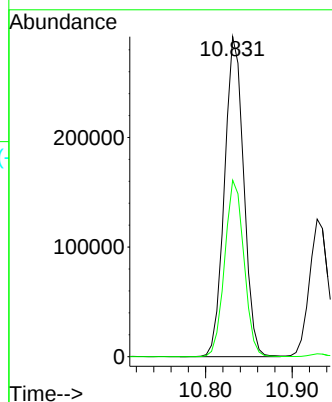
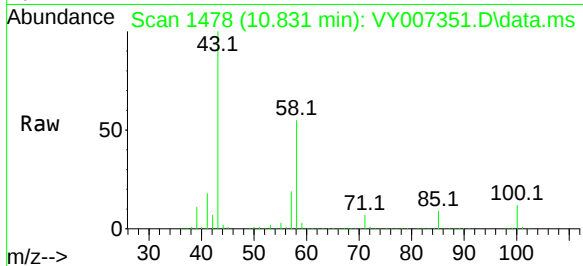




#59
2-Hexanone
Concen: 516.729 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

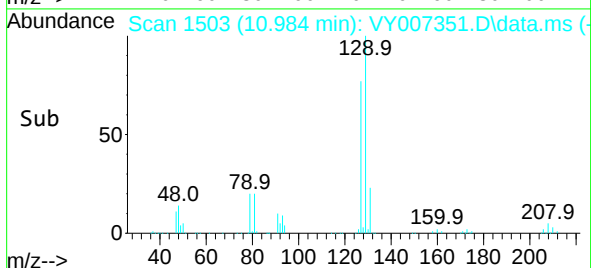
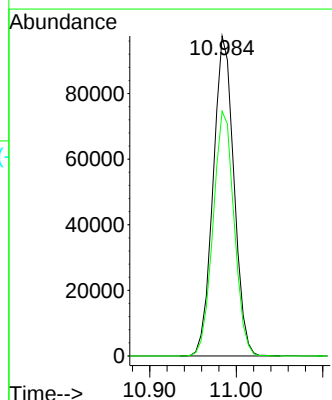
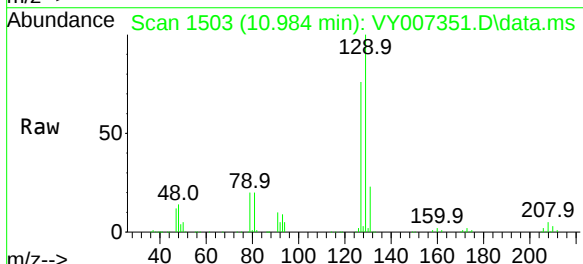
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

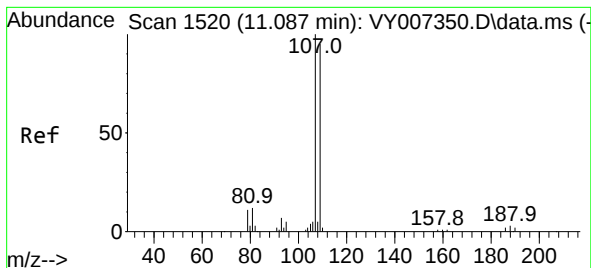
Tgt Ion: 43 Resp: 450680
Ion Ratio Lower Upper
43 100
58 55.2 24.4 73.4



#60
Dibromochloromethane
Concen: 100.564 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 129 Resp: 162221
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 99.963 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

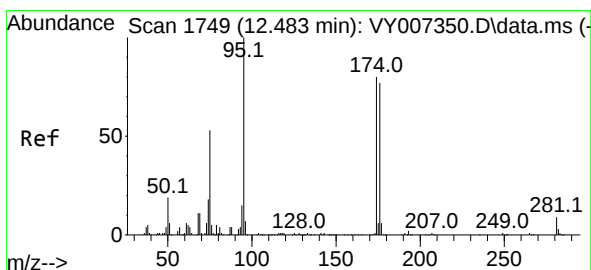
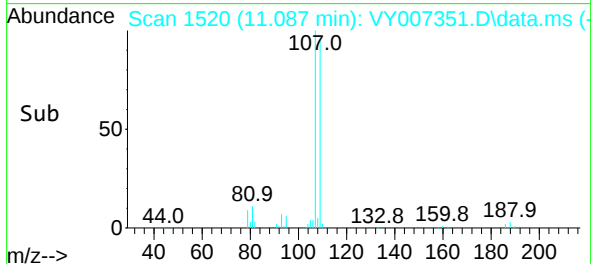
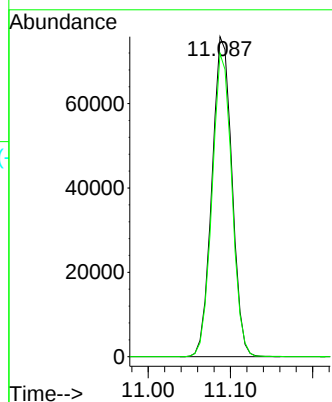
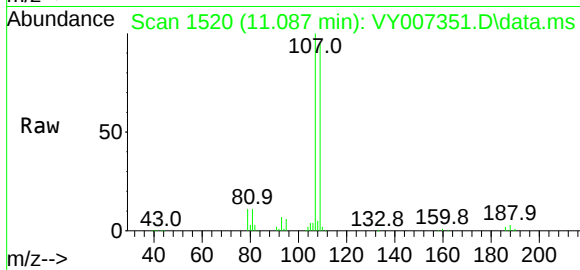
VSTDIC100

Tgt Ion:107 Resp: 128146

Ion Ratio Lower Upper

107 100

109 93.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 101.131 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

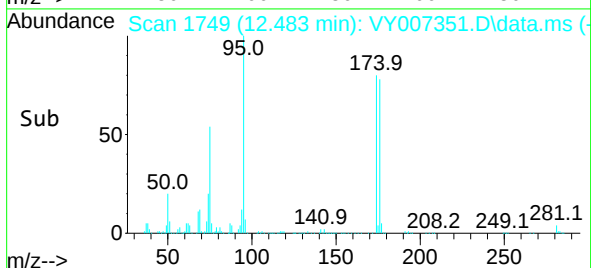
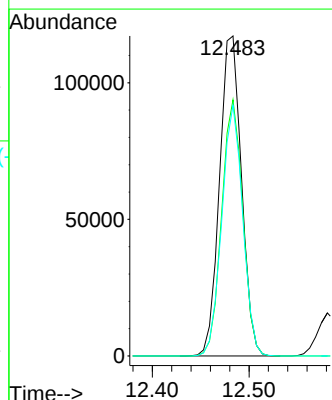
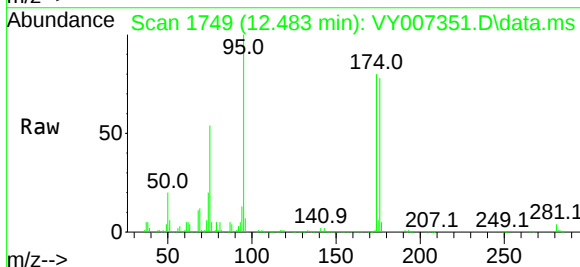
Tgt Ion: 95 Resp: 184296

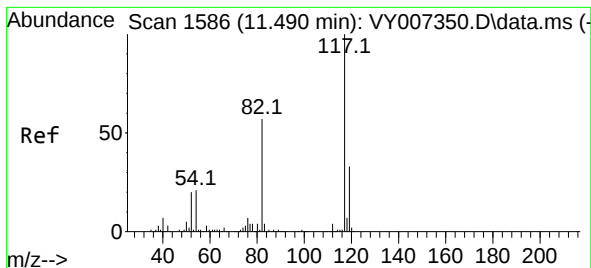
Ion Ratio Lower Upper

95 100

174 76.9 0.0 177.0

176 74.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

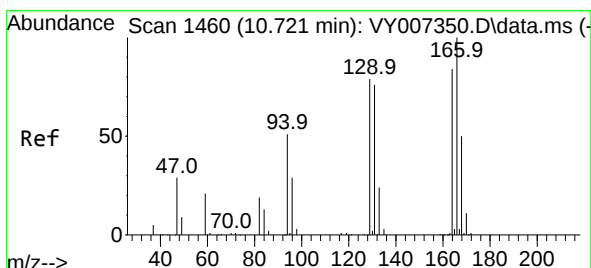
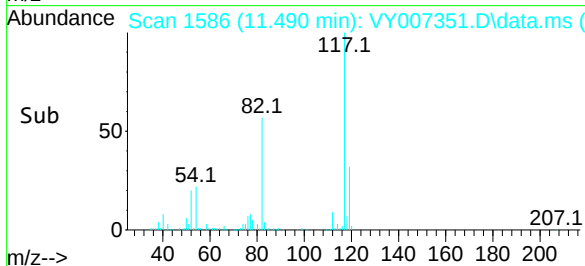
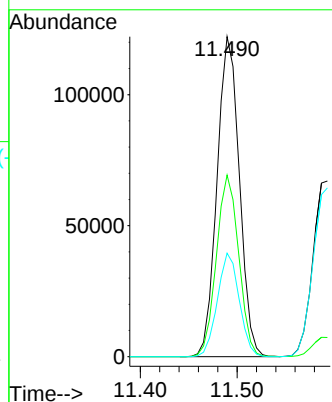
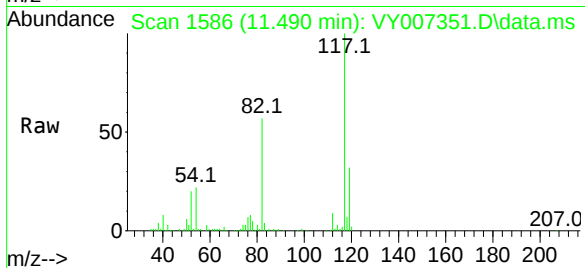
Tgt Ion:117 Resp: 195631

Ion Ratio Lower Upper

117 100

82 56.8 43.0 64.4

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 97.997 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Tgt Ion:164 Resp: 150452

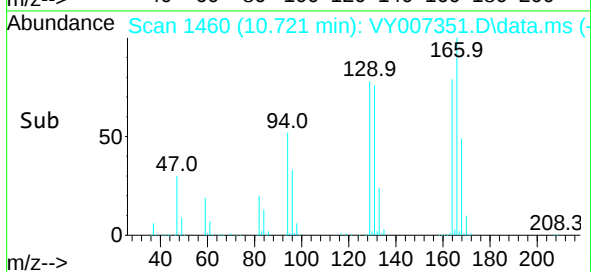
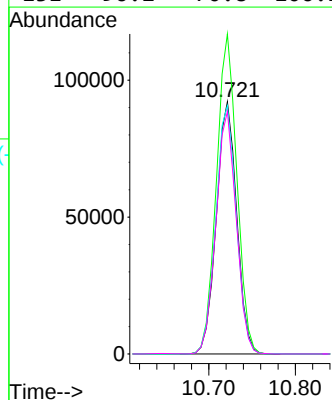
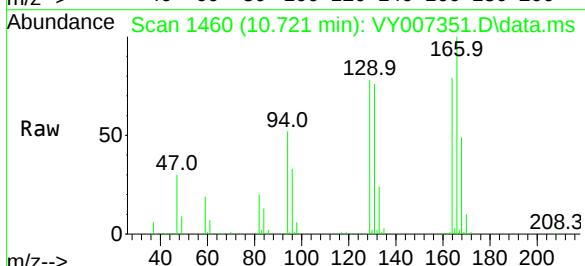
Ion Ratio Lower Upper

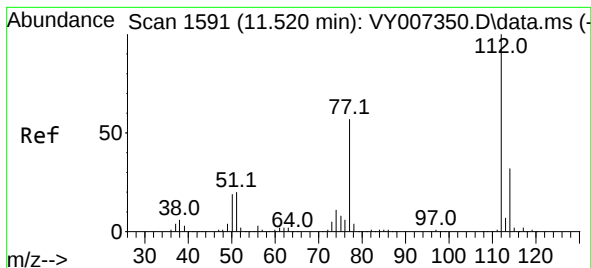
164 100

166 126.9 100.4 150.6

129 98.5 71.4 107.0

131 96.2 70.8 106.2





#65

Chlorobenzene

Concen: 100.250 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

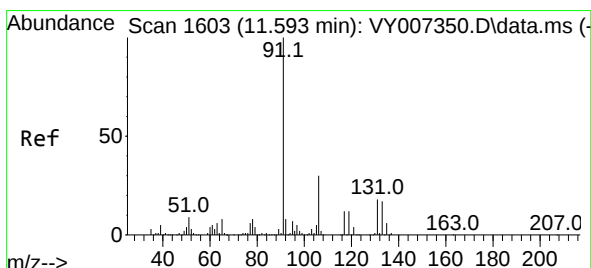
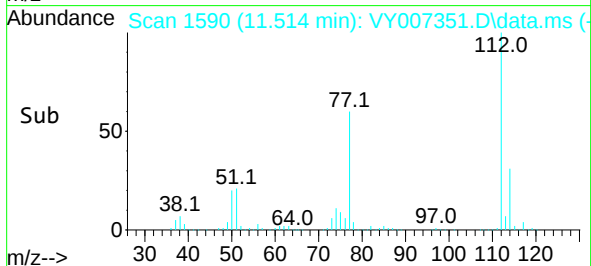
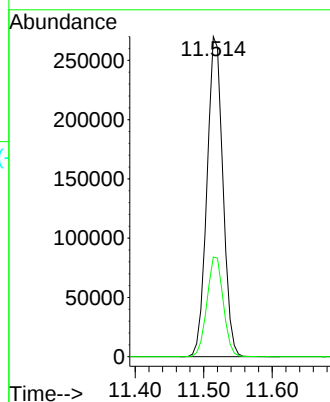
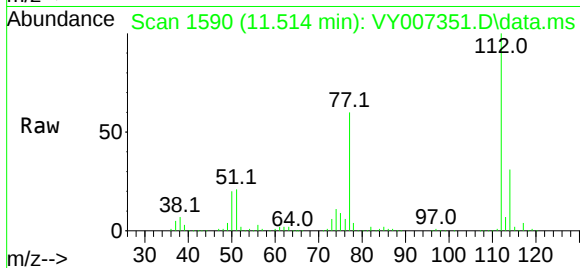
VSTDIC100

Tgt Ion:112 Resp: 436283

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 100.459 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

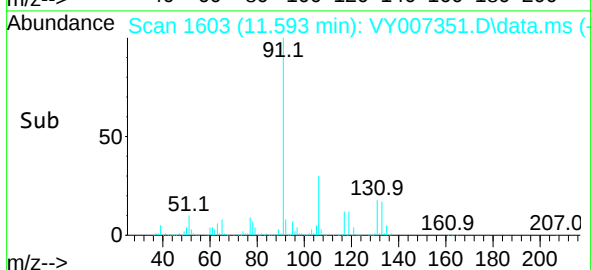
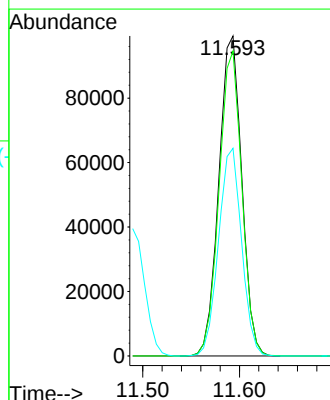
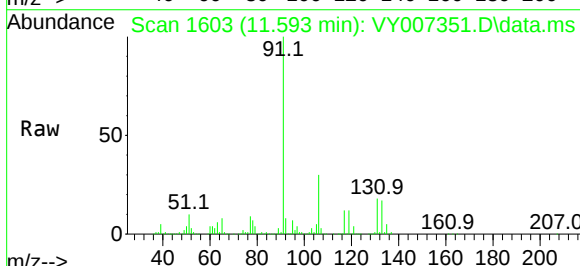
Tgt Ion:131 Resp: 163205

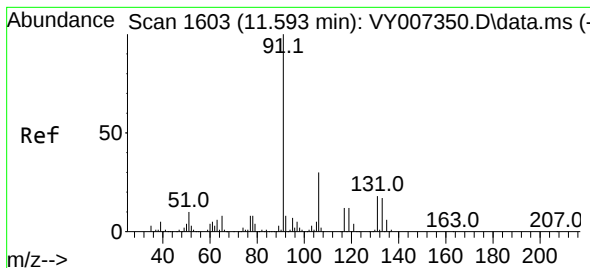
Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 101.894 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

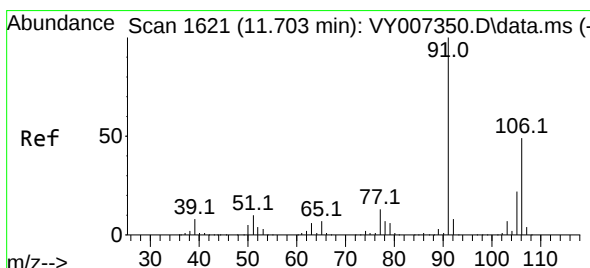
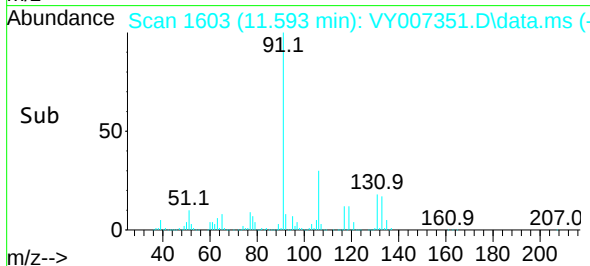
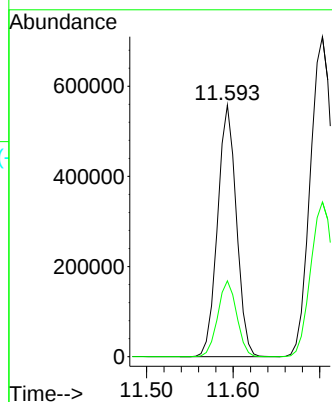
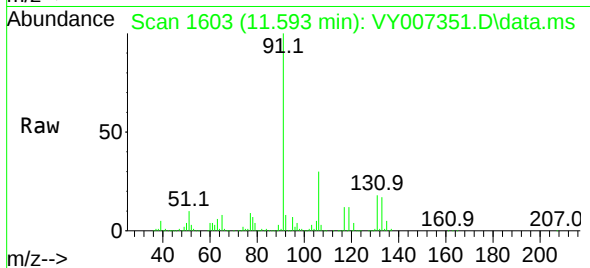
VSTDIC100

Tgt Ion: 91 Resp: 841470

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 204.213 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007351.D

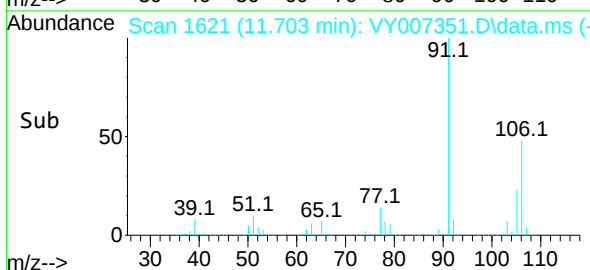
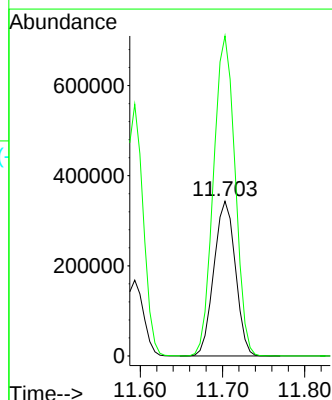
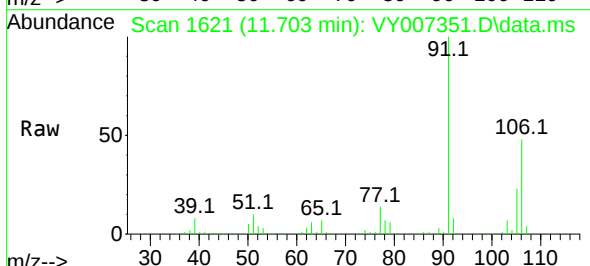
Acq: 02 Feb 2022 12:46

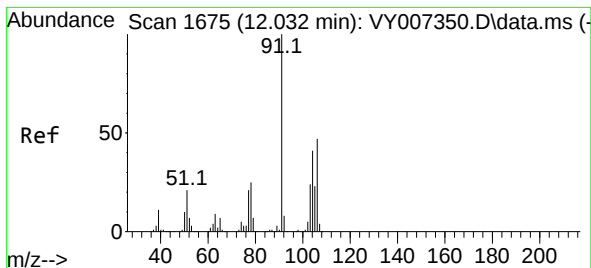
Tgt Ion:106 Resp: 624618

Ion Ratio Lower Upper

106 100

91 207.8 166.6 249.8





#69

o-Xylene

Concen: 101.032 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

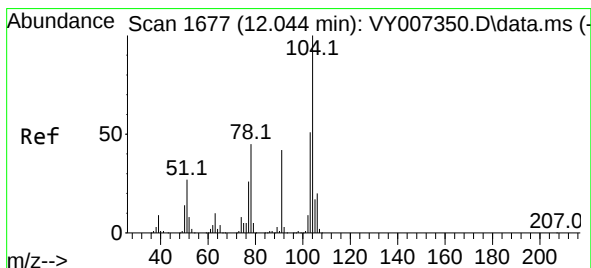
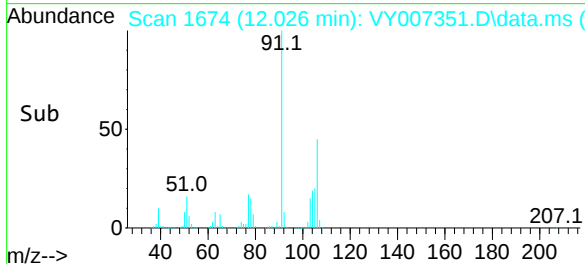
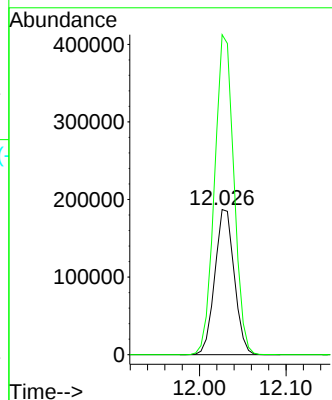
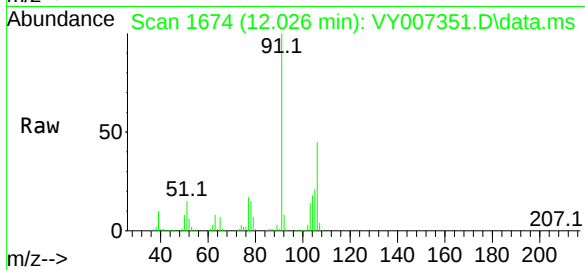
VSTDIC100

Tgt Ion:106 Resp: 292170

Ion Ratio Lower Upper

106 100

91 219.2 110.3 331.0



#70

Styrene

Concen: 102.953 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

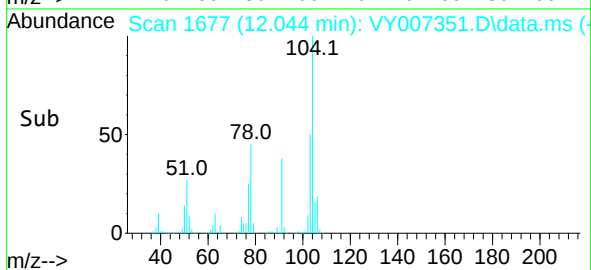
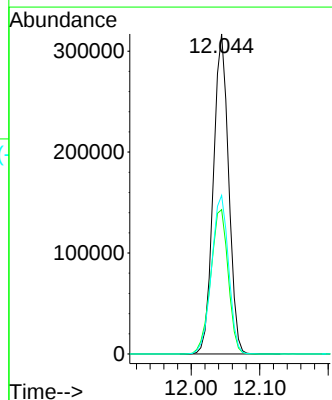
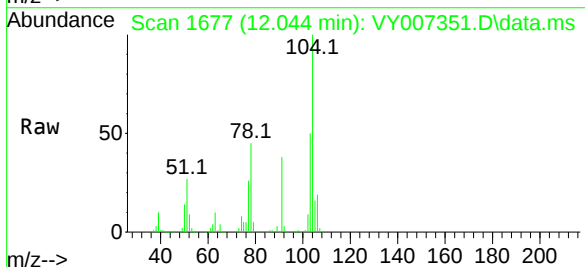
Tgt Ion:104 Resp: 490789

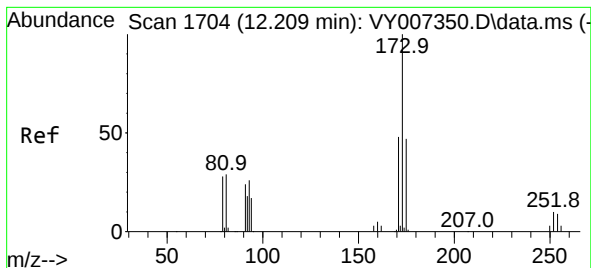
Ion Ratio Lower Upper

104 100

78 51.5 42.4 63.6

103 55.1 44.4 66.6





#71

Bromoform

Concen: 101.764 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

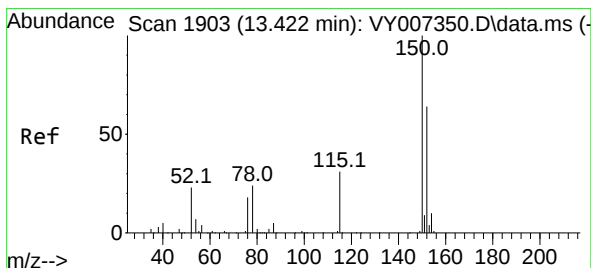
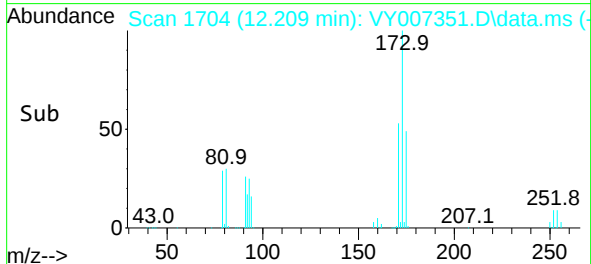
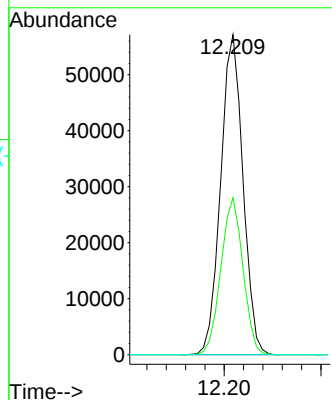
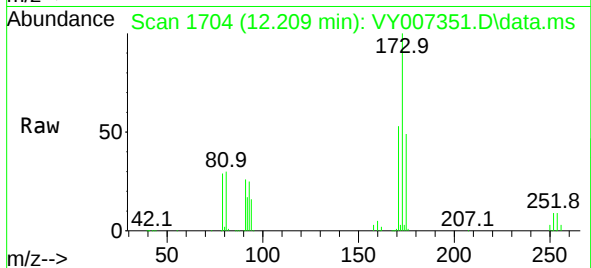
Tgt Ion:173 Resp: 91215

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

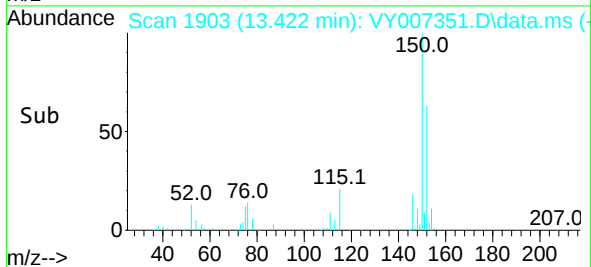
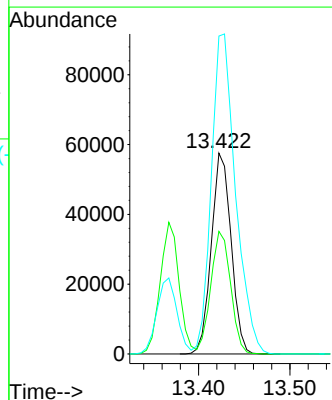
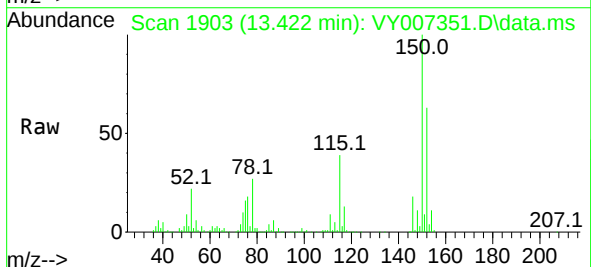
Tgt Ion:152 Resp: 86412

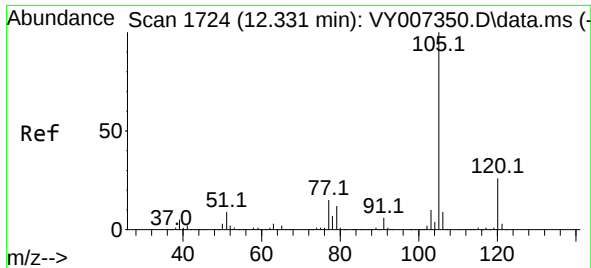
Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 195.4 0.0 347.6

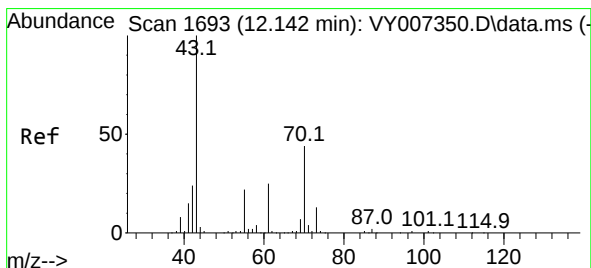
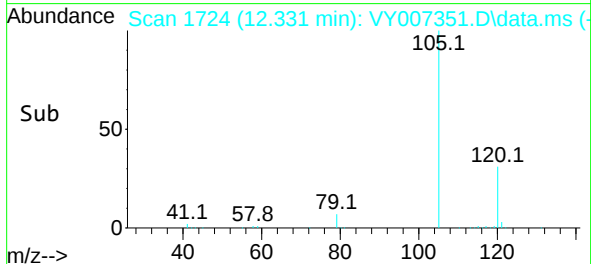
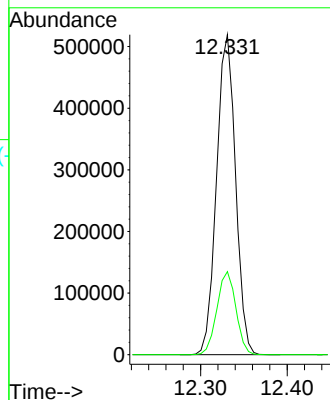
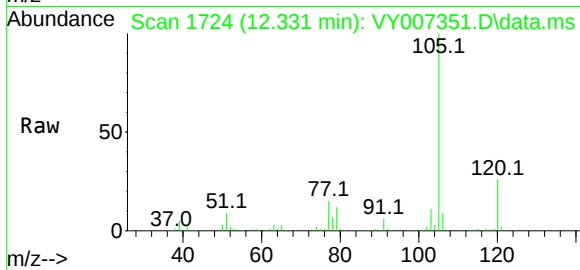




#73
Isopropylbenzene
Concen: 100.072 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

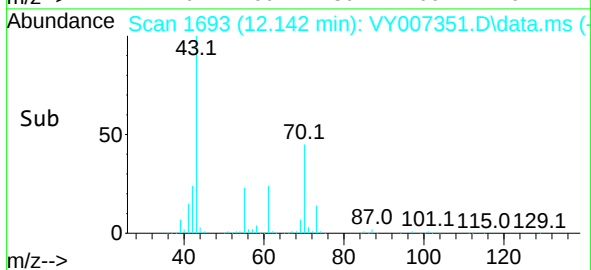
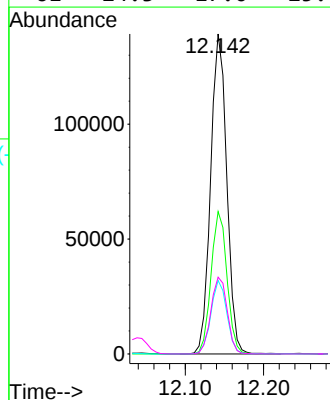
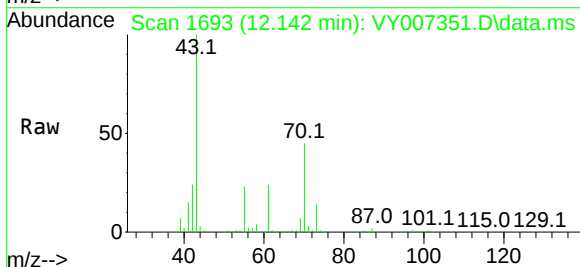
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

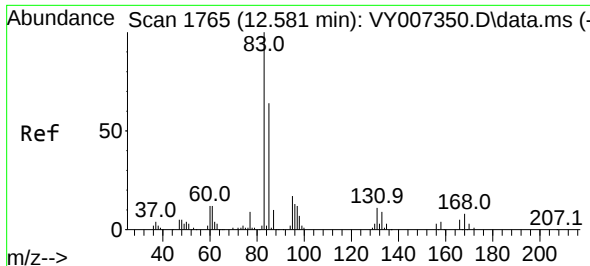
Tgt Ion:105 Resp: 790309
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2



#74
N-ethyl acetate
Concen: 101.820 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 43 Resp: 199039
Ion Ratio Lower Upper
43 100
70 44.0 28.7 43.1#
55 22.7 17.3 25.9
61 24.3 17.0 25.6

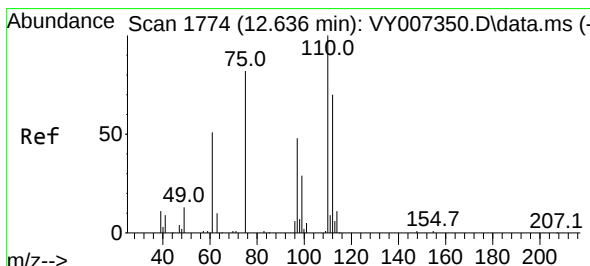
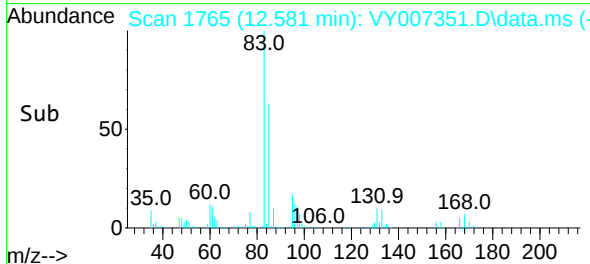
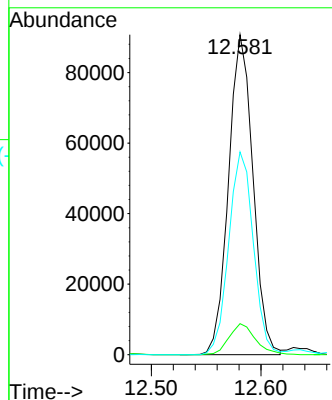
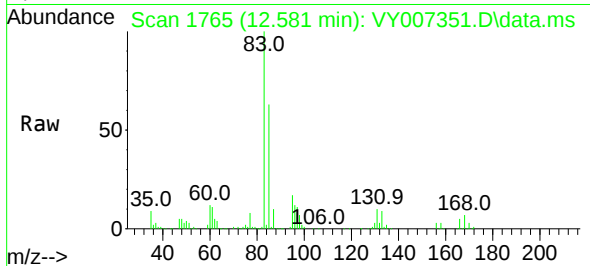




#75
1,1,2,2-Tetrachloroethane
Concen: 97.371 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

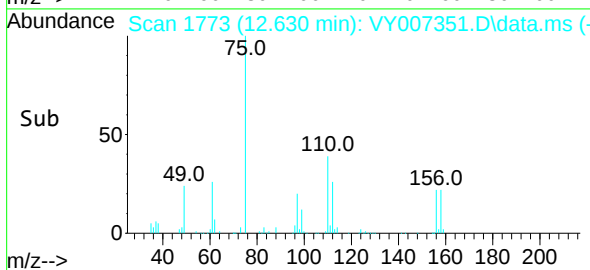
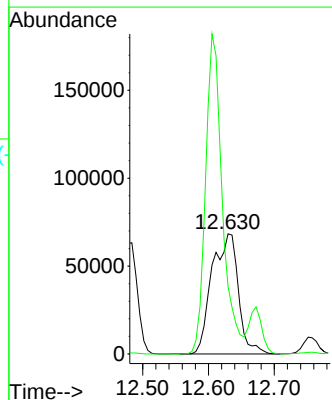
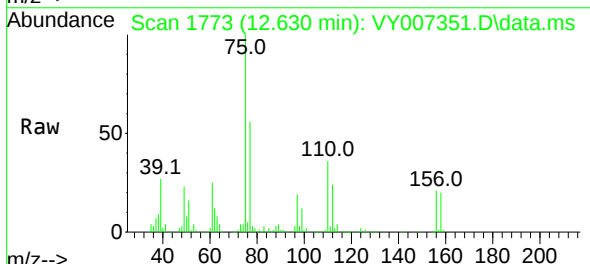
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

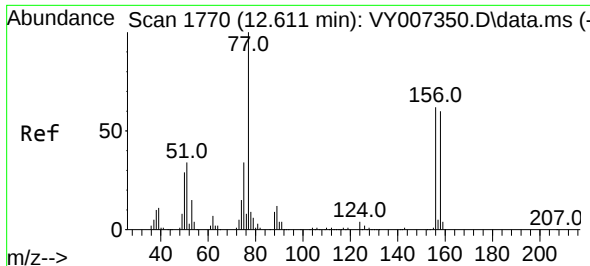
Tgt Ion: 83 Resp: 140430
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 183.623 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 75 Resp: 191151
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

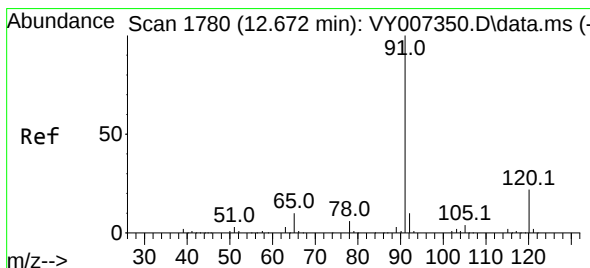
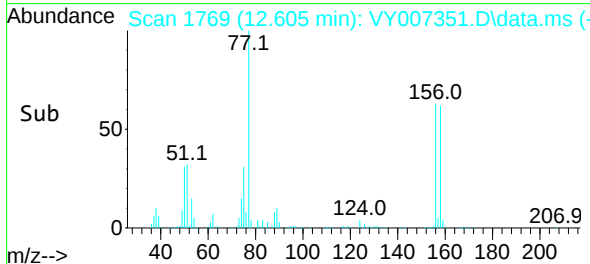
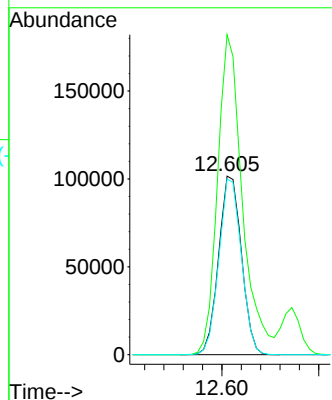
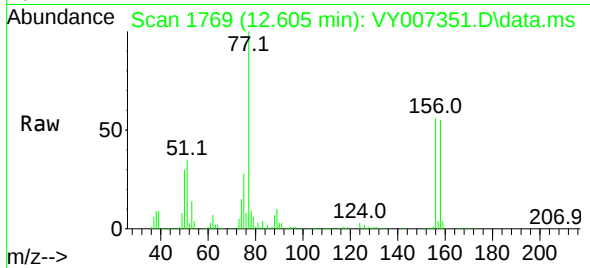




#77
Bromobenzene
Concen: 99.919 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

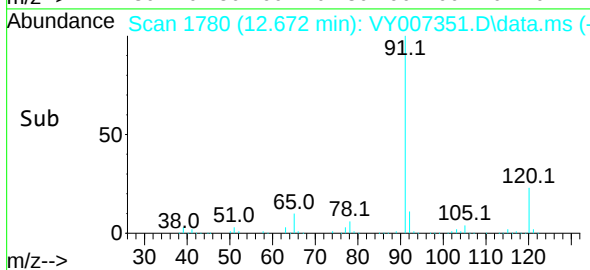
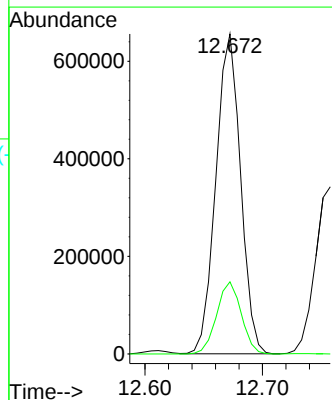
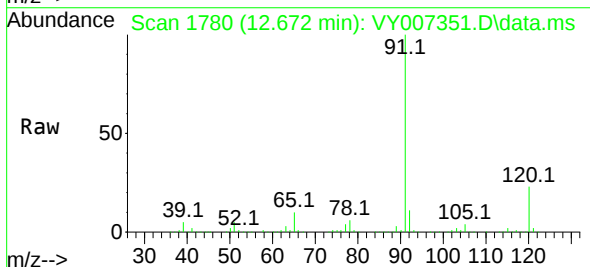
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

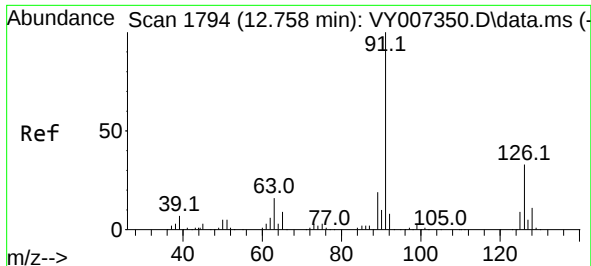
Tgt Ion:156 Resp: 166219
Ion Ratio Lower Upper
156 100
77 195.3 95.5 286.4
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 100.033 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 91 Resp: 956879
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

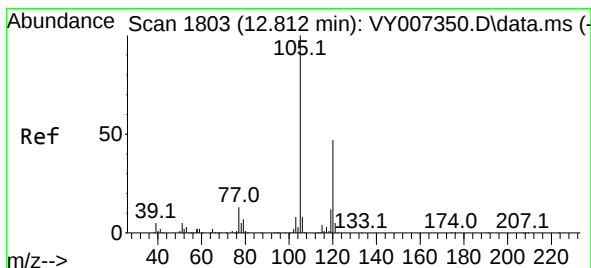
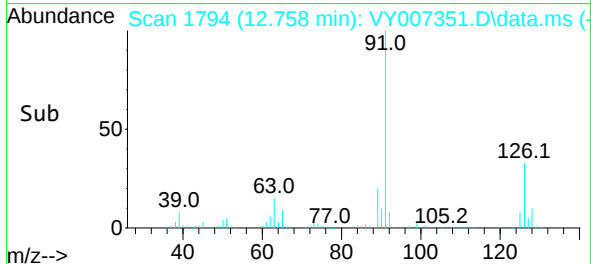
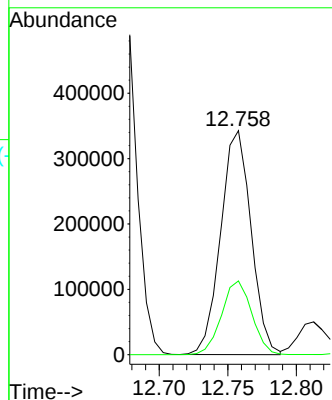
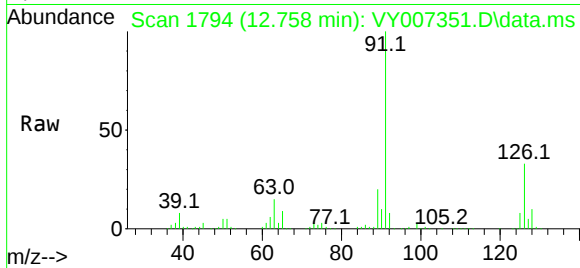




#79
2-Chlorotoluene
Concen: 99.961 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

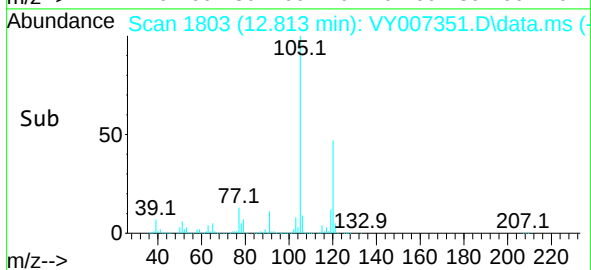
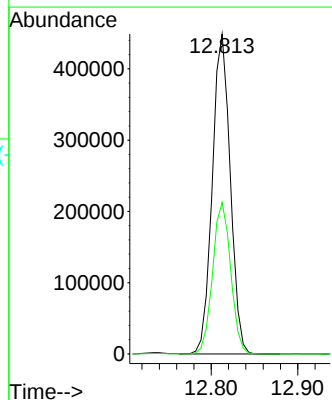
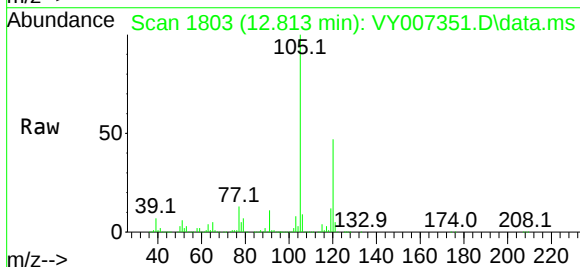
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

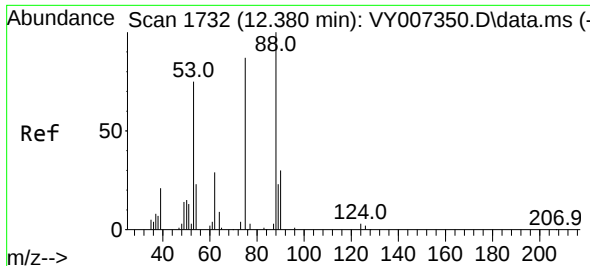
Tgt Ion: 91 Resp: 529406
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 100.154 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 105 Resp: 645245
Ion Ratio Lower Upper
105 100
120 47.6 24.4 73.4

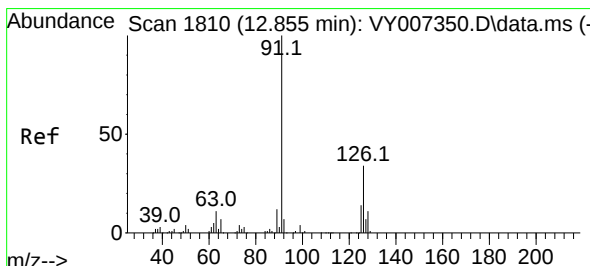
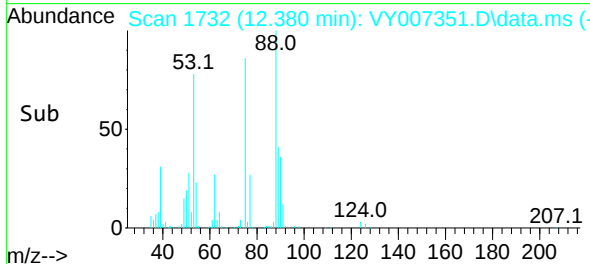
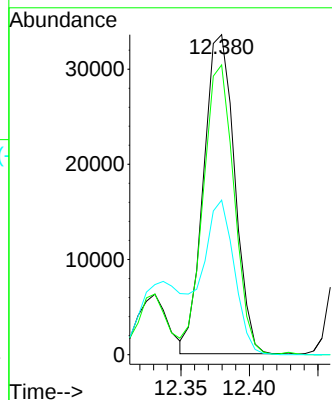
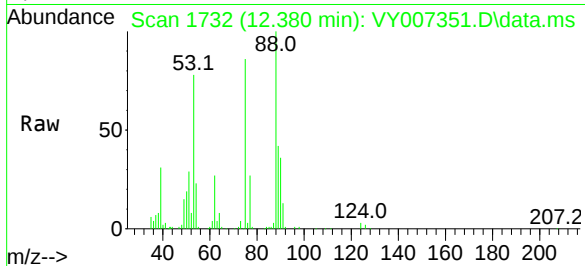




#81
trans-1,4-Dichloro-2-butene
Concen: 102.880 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

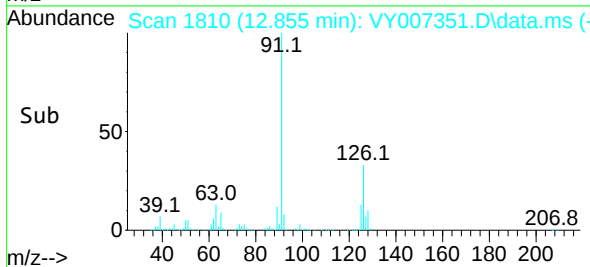
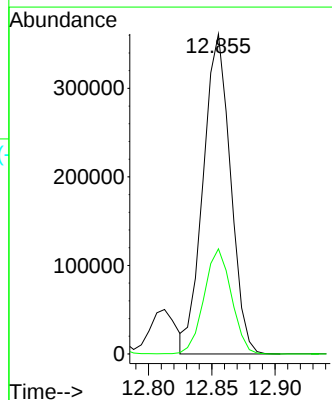
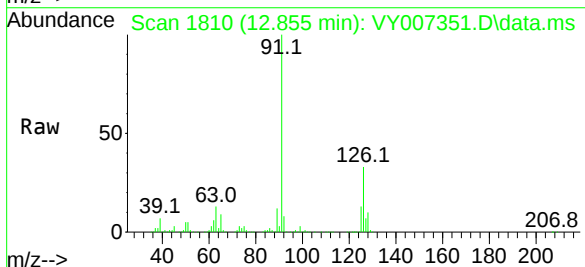
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

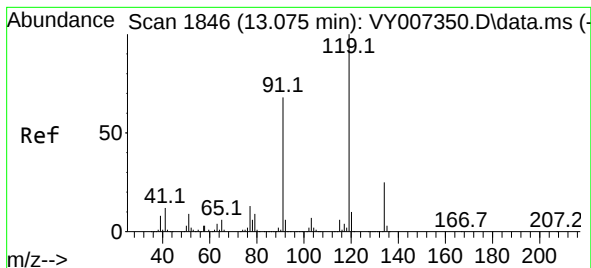
Tgt Ion: 75 Resp: 52753
Ion Ratio Lower Upper
75 100
53 89.8 85.3 127.9
89 48.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 99.720 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion: 91 Resp: 542434
Ion Ratio Lower Upper
91 100
126 32.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 99.968 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

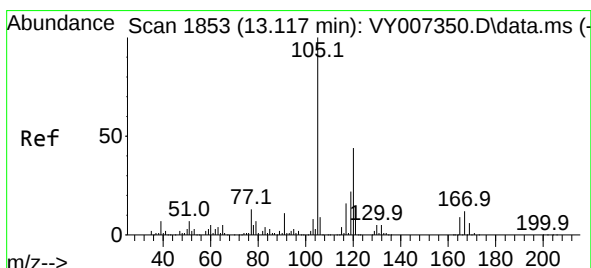
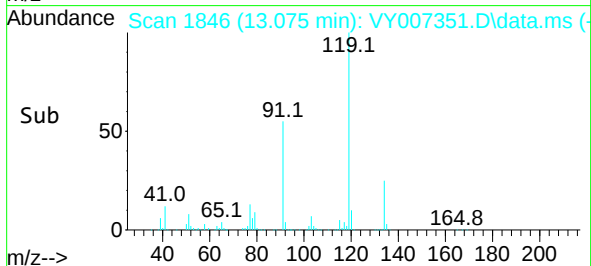
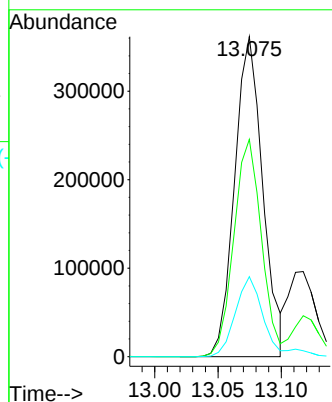
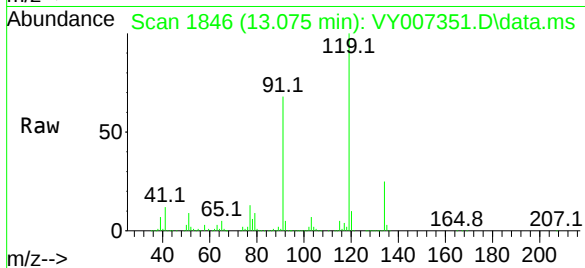
Tgt Ion:119 Resp: 560671

Ion Ratio Lower Upper

119 100

91 66.5 34.8 104.4

134 25.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 100.354 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007351.D

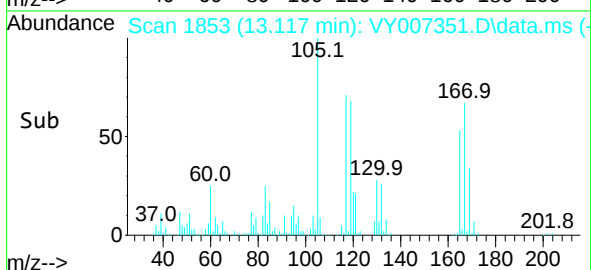
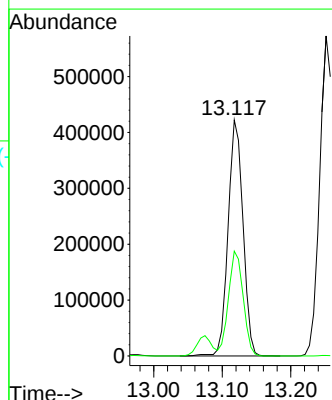
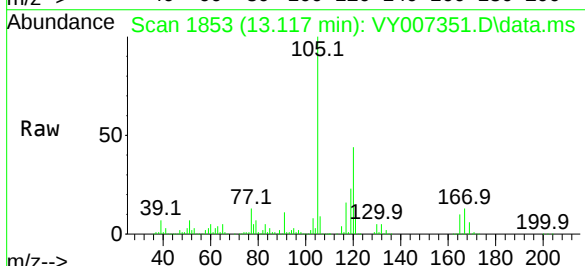
Acq: 02 Feb 2022 12:46

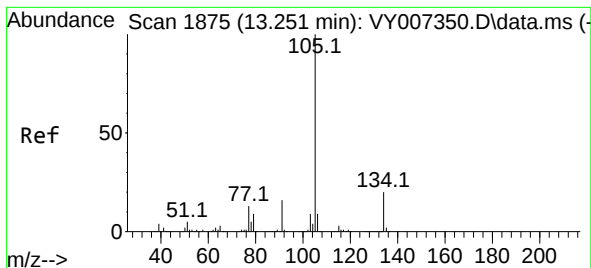
Tgt Ion:105 Resp: 636580

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 99.188 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

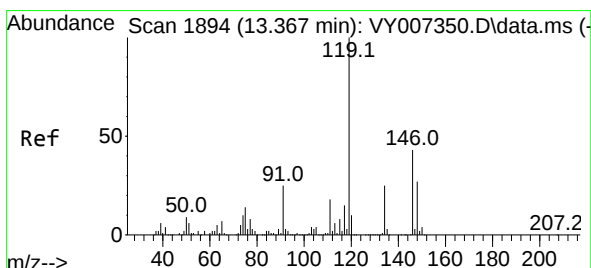
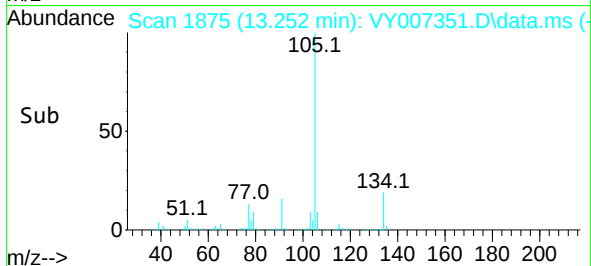
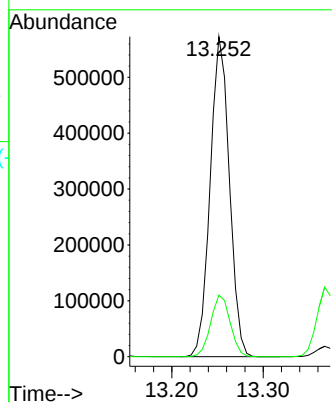
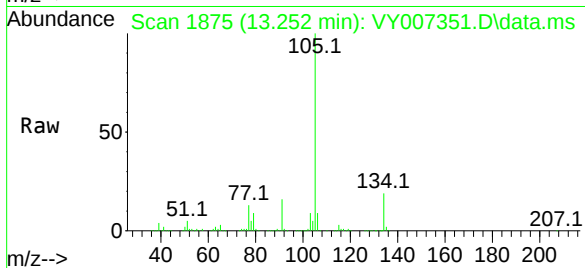
VSTDIC100

Tgt Ion:105 Resp: 834406

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 101.476 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

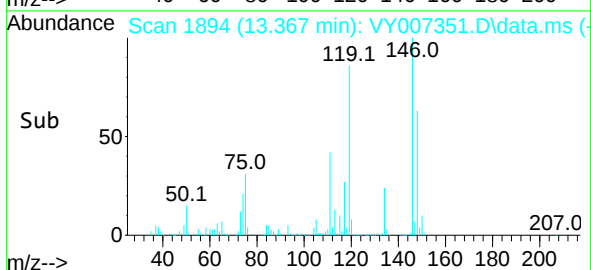
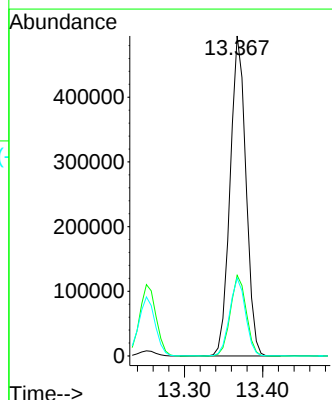
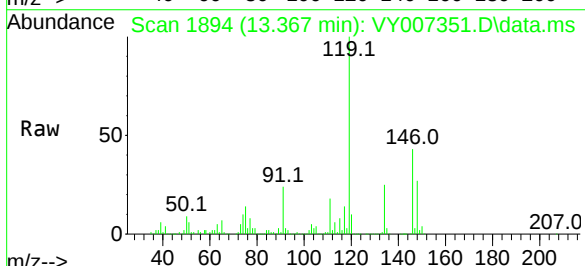
Tgt Ion:119 Resp: 695408

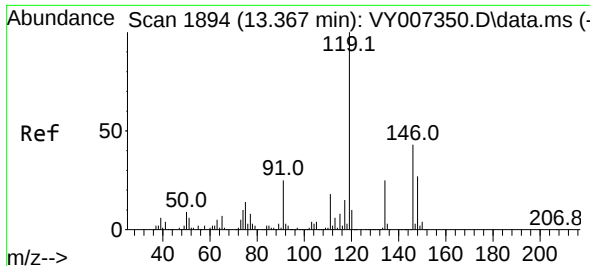
Ion Ratio Lower Upper

119 100

134 25.1 13.2 39.5

91 24.3 12.4 37.2

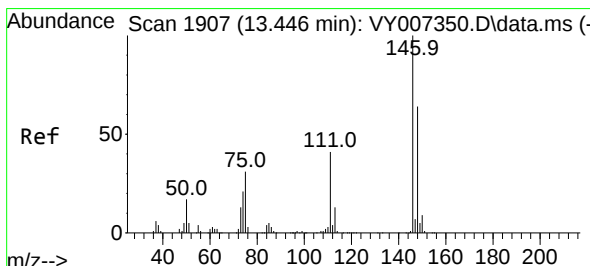
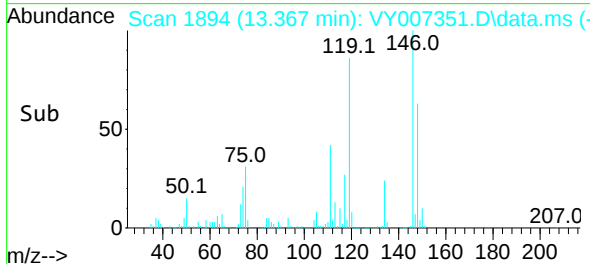
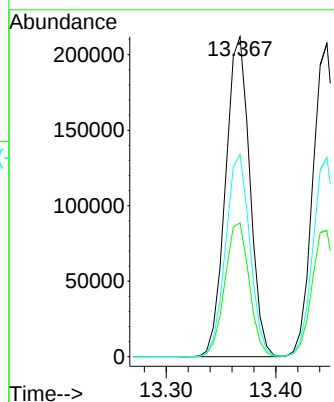
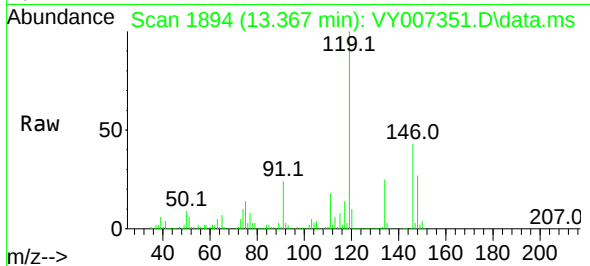




#87
1,3-Dichlorobenzene
Concen: 101.077 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

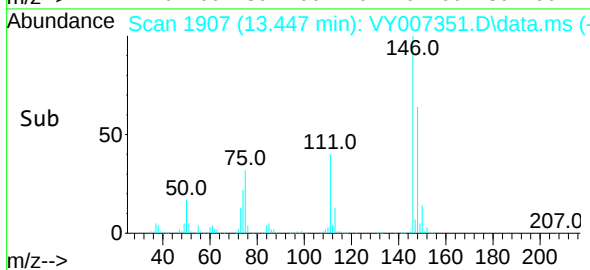
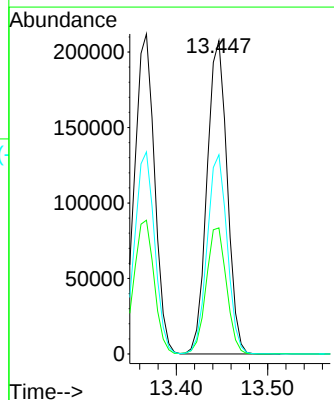
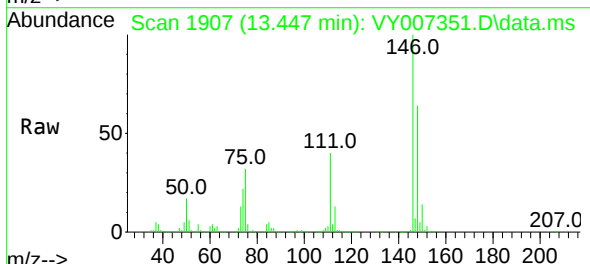
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

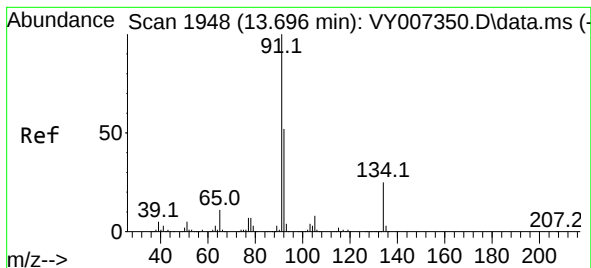
Tgt Ion:146 Resp: 326010
Ion Ratio Lower Upper
146 100
111 42.2 19.5 58.5
148 63.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 98.788 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007351.D
Acq: 02 Feb 2022 12:46

Tgt Ion:146 Resp: 317616
Ion Ratio Lower Upper
146 100
111 40.6 19.3 57.8
148 63.3 32.6 97.8





#89

n-Butylbenzene

Concen: 100.269 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

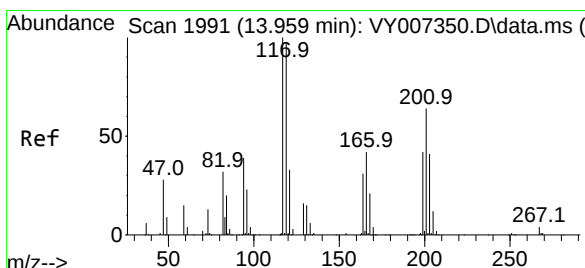
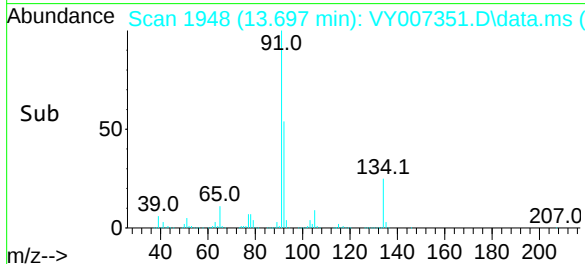
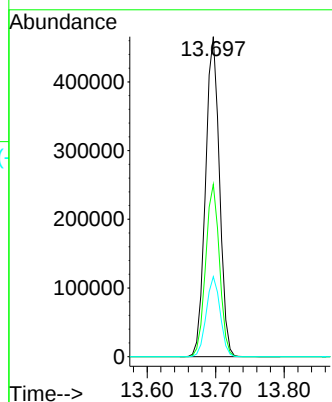
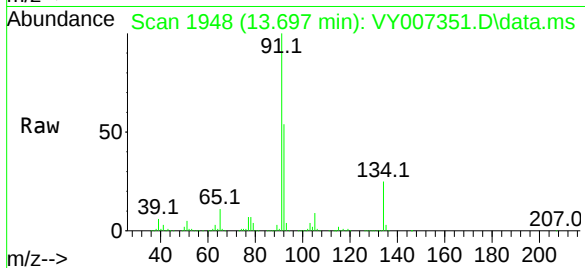
Tgt Ion: 91 Resp: 661354

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

134 24.8 13.0 38.9



#90

Hexachloroethane

Concen: 101.809 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY007351.D

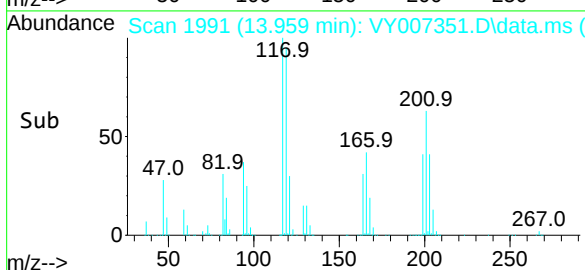
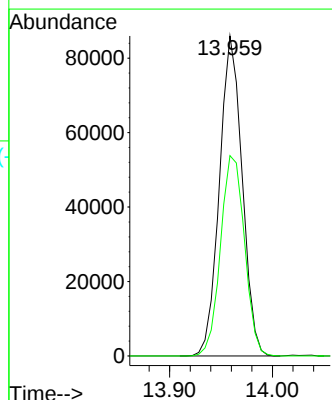
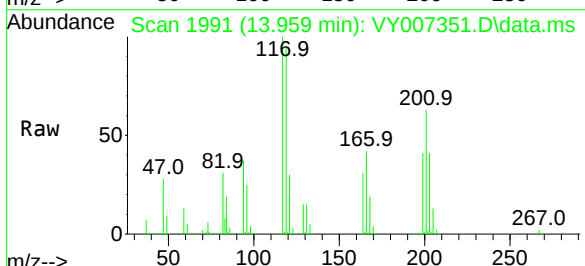
Acq: 02 Feb 2022 12:46

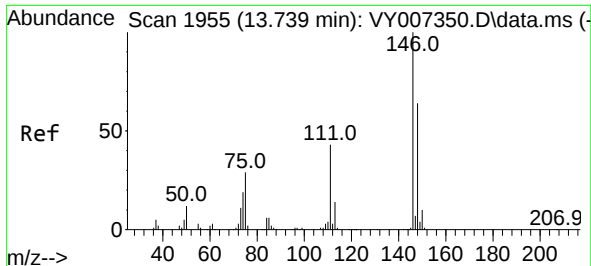
Tgt Ion: 117 Resp: 131852

Ion Ratio Lower Upper

117 100

201 66.1 43.0 128.8

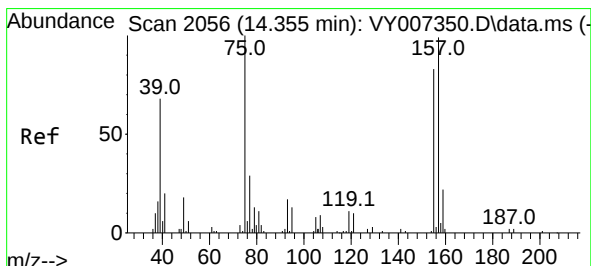
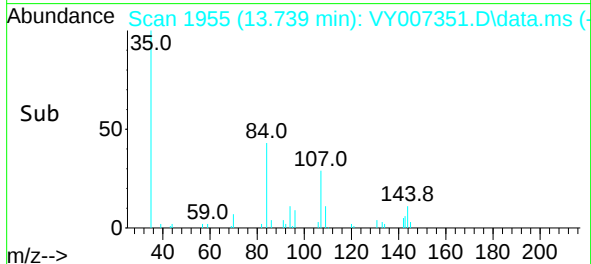
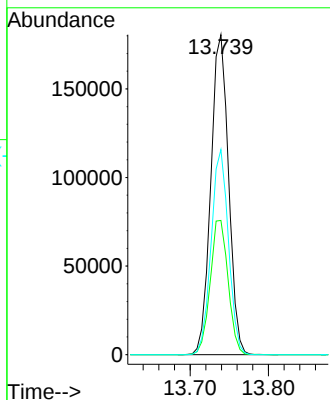
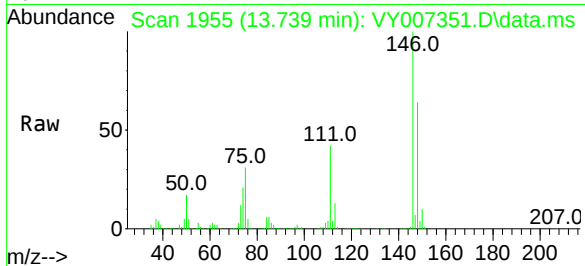




#91
 1,2-Dichlorobenzene
 Concen: 99.937 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY007351.D
 Acq: 02 Feb 2022 12:46

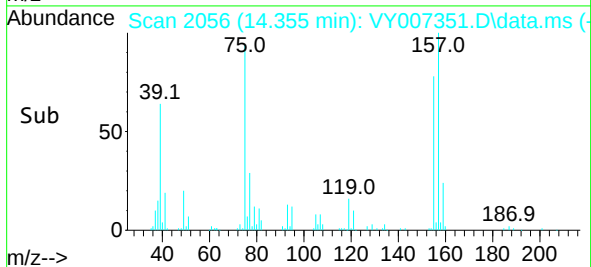
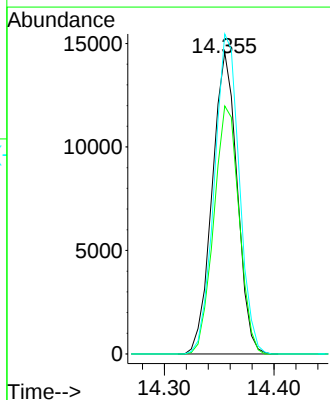
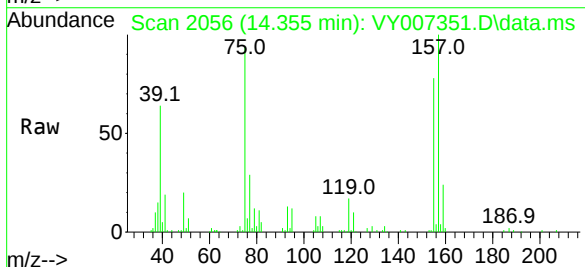
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

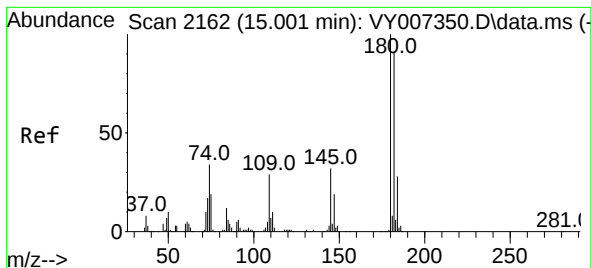
Tgt Ion:146 Resp: 283721
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.3 60.9
 148 62.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.353 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY007351.D
 Acq: 02 Feb 2022 12:46

Tgt Ion: 75 Resp: 23051
 Ion Ratio Lower Upper
 75 100
 155 83.1 38.0 113.9
 157 105.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 101.121 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

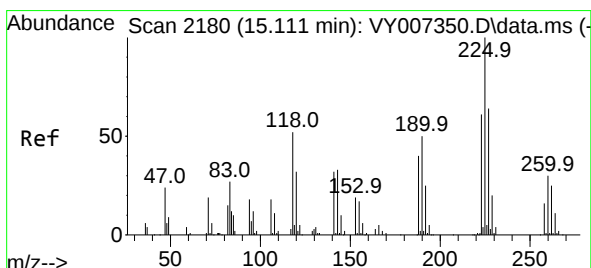
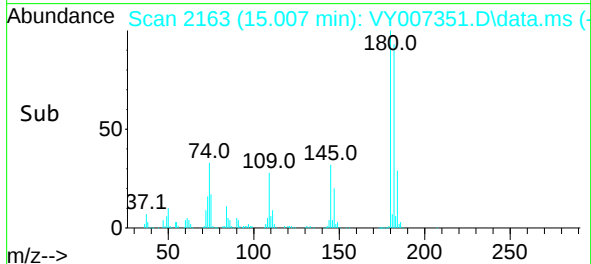
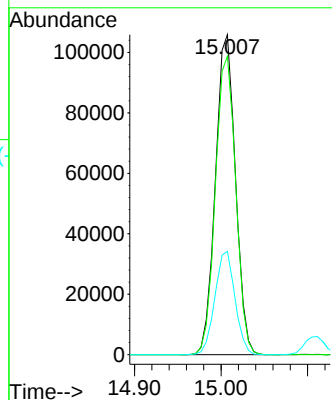
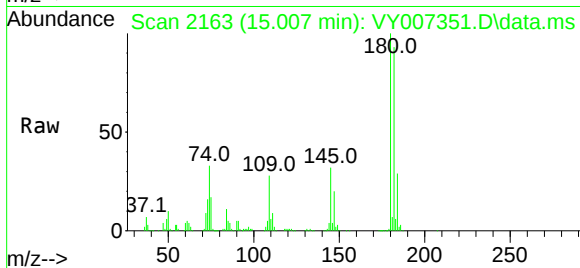
Tgt Ion:180 Resp: 170010

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 32.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 98.679 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

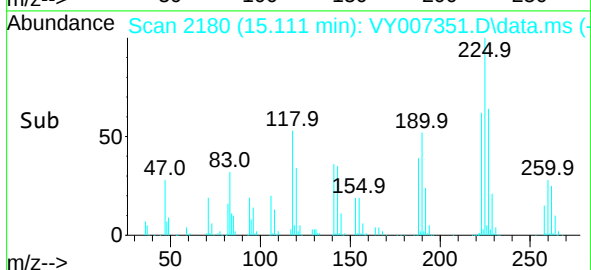
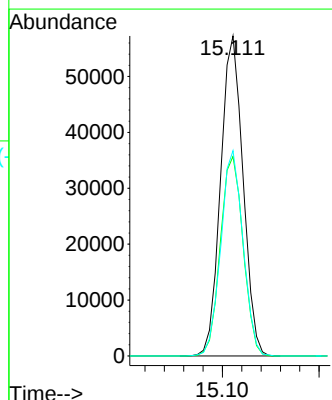
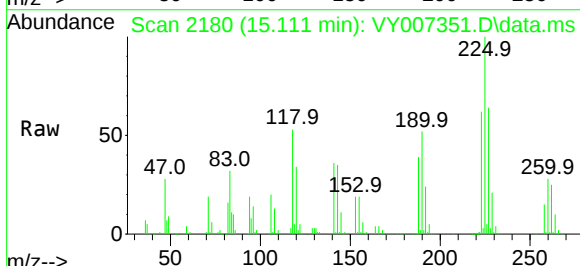
Tgt Ion:225 Resp: 91842

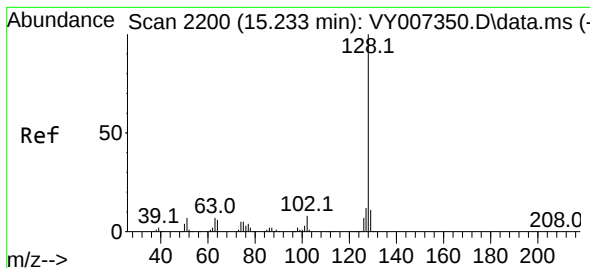
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 63.6 31.6 94.7





#95

Naphthalene

Concen: 105.194 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

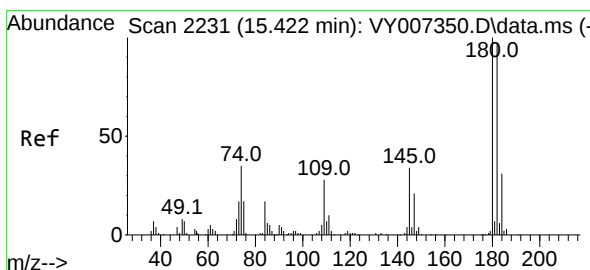
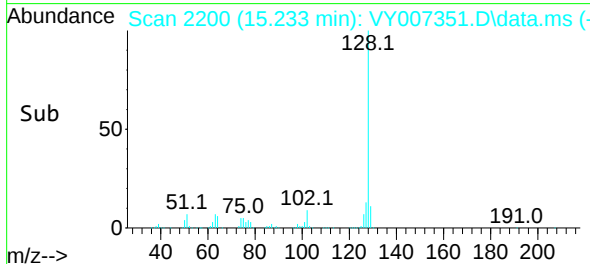
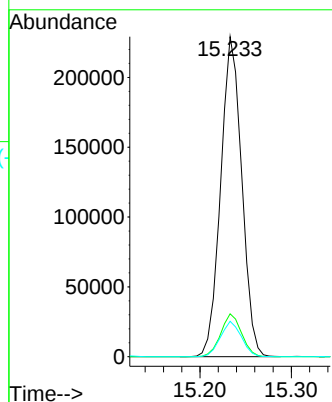
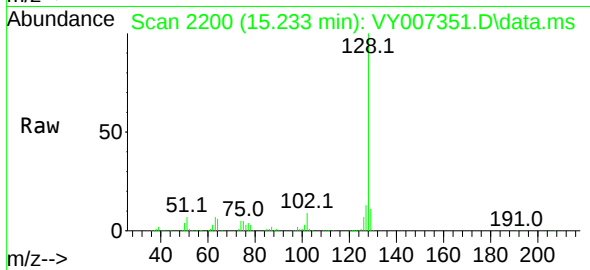
Tgt Ion:128 Resp: 367535

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 104.177 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007351.D

Acq: 02 Feb 2022 12:46

Tgt Ion:180 Resp: 147847

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 33.5 15.3 45.9

