

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007598.D
 Acq On : 23 Feb 2022 14:28
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 23 15:13:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 15:09:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	54045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	85153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	85973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108308	194.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 388.080%#	
35) Dibromofluoromethane	7.716	113	92178	173.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 347.020%#	
50) Toluene-d8	10.179	98	320626	173.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 346.920%#	
62) 4-Bromofluorobenzene	12.477	95	112934	169.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 339.960%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	88298	128.898	ug/l	100
3) Chloromethane	2.113	50	101691	166.613	ug/l	92
4) Vinyl Chloride	2.253	62	118796	183.480	ug/l	96
5) Bromomethane	2.631	94	69302	142.609	ug/l	96
6) Chloroethane	2.784	64	78407	191.422	ug/l	94
7) Trichlorofluoromethane	3.119	101	244527	174.790	ug/l	95
8) Diethyl Ether	3.528	74	63067	183.938	ug/l	58
9) 1,1,2-Trichlorotrifluo...	3.893	101	94831	146.685	ug/l	96
10) Methyl Iodide	4.089	142	135975	178.306	ug/l	96
11) Tert butyl alcohol	4.960	59	50733	980.955	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	87745	150.611	ug/l #	81
13) Acrolein	3.723	56	63079	1351.666	ug/l	96
14) Allyl chloride	4.479	41	83596	141.927	ug/l #	58
15) Acrylonitrile	5.155	53	106696	857.860	ug/l	98
16) Acetone	3.948	43	118258	896.772	ug/l	91
17) Carbon Disulfide	4.192	76	208311	138.762	ug/l	99
18) Methyl Acetate	4.473	43	45664	157.474	ug/l #	68
19) Methyl tert-butyl Ether	5.216	73	264930	168.608	ug/l #	87
20) Methylene Chloride	4.710	84	94752	143.330	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	85277	145.359	ug/l #	79
22) Diisopropyl ether	6.125	45	165148	138.942	ug/l #	78
23) Vinyl Acetate	6.058	43	690165	846.455	ug/l #	81
24) 1,1-Dichloroethane	6.015	63	132669	146.715	ug/l	97
25) 2-Butanone	6.984	43	128780	880.901	ug/l #	63
26) 2,2-Dichloropropane	6.984	77	157253	155.546	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	103655	155.528	ug/l	79
28) Bromochloromethane	7.332	49	49826	166.592	ug/l #	33
29) Tetrahydrofuran	7.344	42	71955	848.348	ug/l #	54
30) Chloroform	7.509	83	174176	155.886	ug/l	100
31) Cyclohexane	7.783	56	91700	115.806	ug/l #	72
32) 1,1,1-Trichloroethane	7.698	97	175261	154.413	ug/l	95
36) 1,1-Dichloropropene	7.917	75	106609	134.001	ug/l	93
37) Ethyl Acetate	7.070	43	56216	173.248	ug/l #	90
38) Carbon Tetrachloride	7.899	117	170560	155.154	ug/l	97
39) Methylcyclohexane	9.185	83	129898	128.945	ug/l #	80
40) Benzene	8.161	78	316265	146.897	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	77919	453.273	ug/l #	57
42) 1,2-Dichloroethane	8.234	62	130232	173.626	ug/l	97
43) Isopropyl Acetate	8.271	43	116488	175.008	ug/l #	85
44) Trichloroethene	8.935	130	104448	144.514	ug/l	93
45) 1,2-Dichloropropane	9.216	63	69080	144.997	ug/l	97
46) Dibromomethane	9.307	93	63578	170.581	ug/l	99
47) Bromodichloromethane	9.496	83	141115	161.308	ug/l	98
48) Methyl methacrylate	9.295	41	48924	172.651	ug/l #	50
49) 1,4-Dioxane	9.295	88	17528	4094.630	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	301874	910.998	ug/l	91
52) Toluene	10.240	92	217058	147.201	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	142501	161.474	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	146268	156.866	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	80873	169.065	ug/l	98
56) Ethyl methacrylate	10.508	69	99662	171.034	ug/l #	77
57) 1,3-Dichloropropane	10.789	76	125577	164.592	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	264608	942.513	ug/l #	75
59) 2-Hexanone	10.831	43	217362	906.710	ug/l	90
60) Dibromochloromethane	10.984	129	117525	179.191	ug/l	100
61) 1,2-Dibromoethane	11.087	107	82677	169.985	ug/l	99
64) Tetrachloroethene	10.715	164	96861	133.960	ug/l	98
65) Chlorobenzene	11.514	112	268551	146.663	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	109699	150.351	ug/l	98
67) Ethyl Benzene	11.593	91	448320	139.735	ug/l	95
68) m/p-Xylenes	11.703	106	348444	282.025	ug/l	95
69) o-Xylene	12.026	106	169146	142.214	ug/l	96
70) Styrene	12.038	104	286518	144.659	ug/l	99
71) Bromoform	12.209	173	74311	161.541	ug/l #	99
73) Isopropylbenzene	12.325	105	430736	127.503	ug/l	99
74) N-amyl acetate	12.142	43	102278	160.337	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	88315	154.324	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	124082	260.371	ug/l #	100
77) Bromobenzene	12.605	156	117804	145.780	ug/l	83
78) n-propylbenzene	12.666	91	500923	127.160	ug/l	96
79) 2-Chlorotoluene	12.752	91	286775	130.858	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	376513	132.691	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	30266	152.133	ug/l	96
82) 4-Chlorotoluene	12.855	91	295542	132.176	ug/l	95
83) tert-Butylbenzene	13.075	119	336461	132.420	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	380209	136.614	ug/l	100
85) sec-Butylbenzene	13.252	105	468594	128.160	ug/l	98
86) p-Isopropyltoluene	13.367	119	399086	128.145	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	214274	139.254	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	220015	145.402	ug/l	99
89) n-Butylbenzene	13.697	91	362150	128.113	ug/l	96
90) Hexachloroethane	13.959	117	86831	140.185	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	201991	147.387	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19939	178.095	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	144082	154.448	ug/l	99
94) Hexachlorobutadiene	15.111	225	75695	136.221	ug/l	98
95) Naphthalene	15.233	128	339157	176.932	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	130977	162.624	ug/l	98

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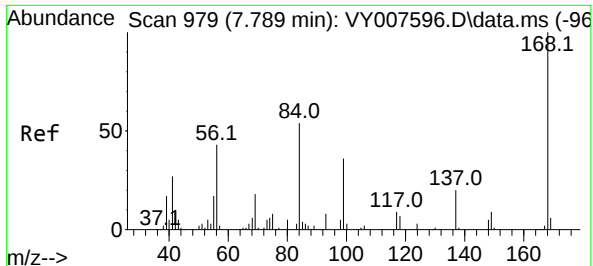
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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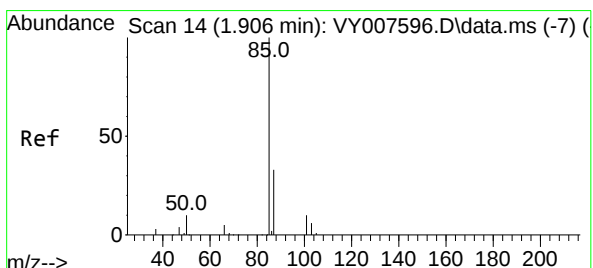
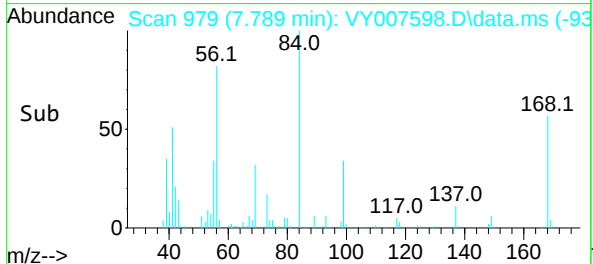
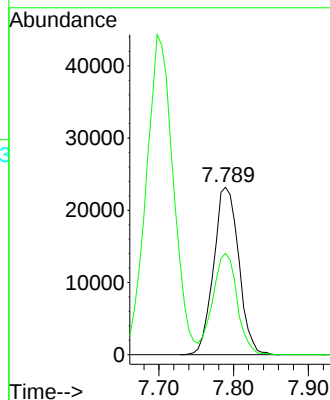
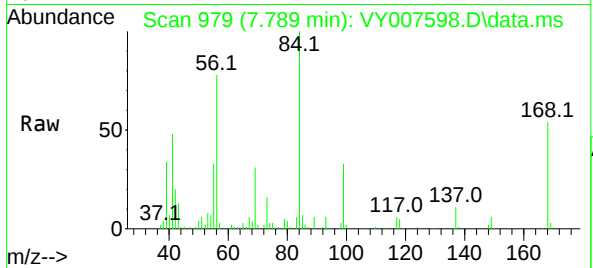




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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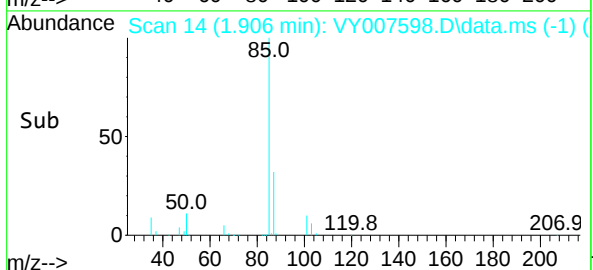
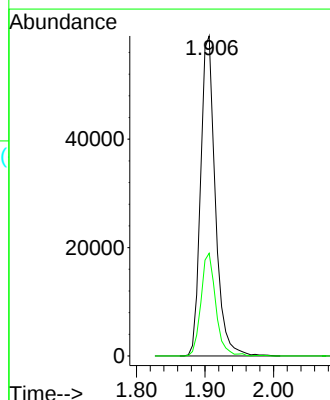
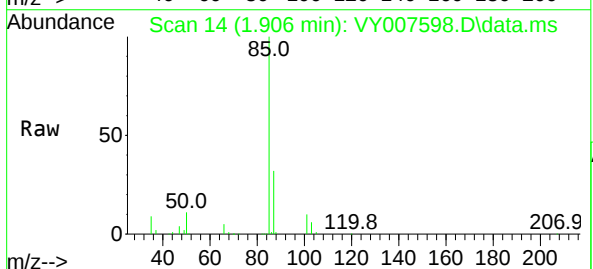
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VSTDIC150

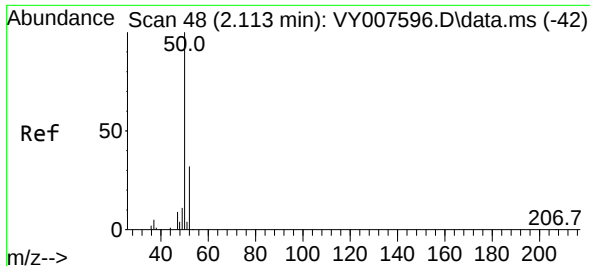
Tgt Ion:168 Resp: 54045
Ion Ratio Lower Upper
168 100
99 60.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 128.898 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 85 Resp: 88298
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

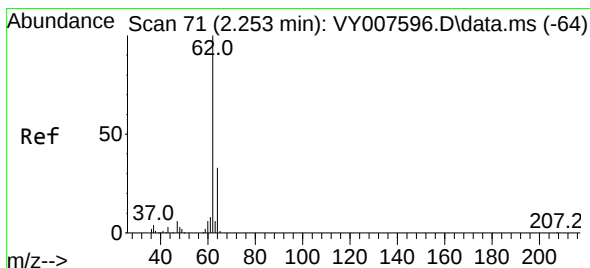
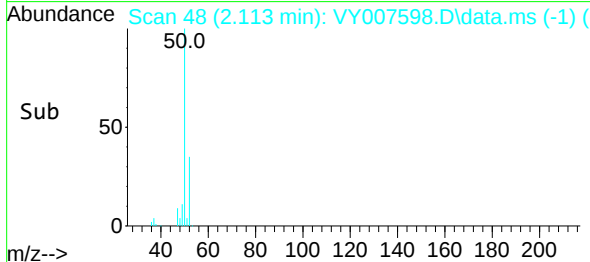
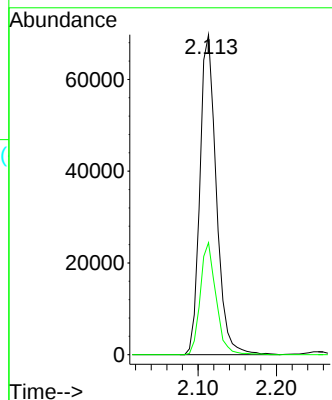
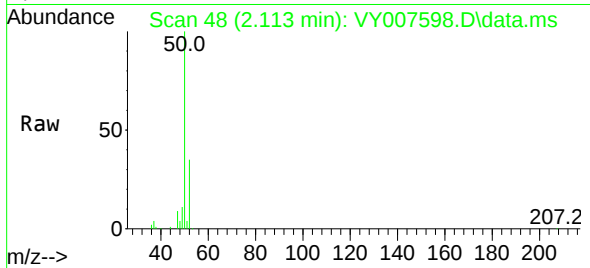




#3
Chloromethane
Concen: 166.613 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007598.D
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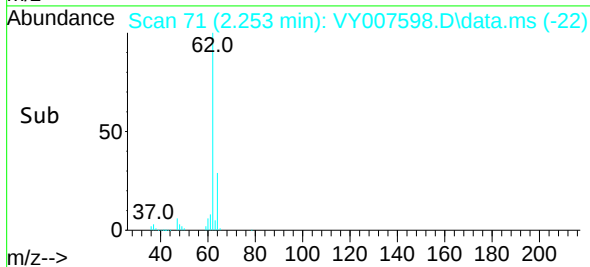
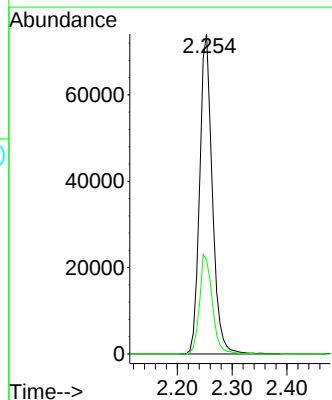
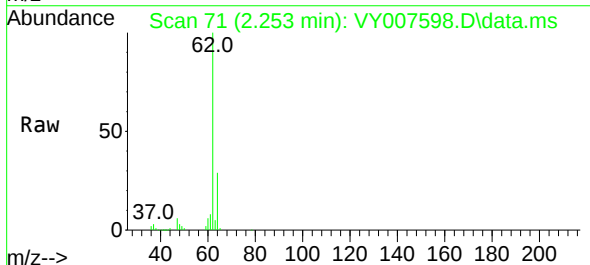
Instrument :
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ClientSampleId :
VSTDIC150

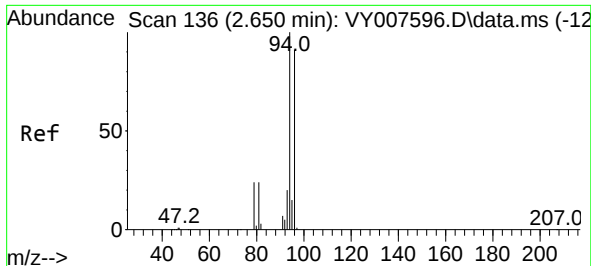
Tgt Ion: 50 Resp: 101691
Ion Ratio Lower Upper
50 100
52 35.0 24.6 37.0



#4
Vinyl Chloride
Concen: 183.480 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 62 Resp: 118796
Ion Ratio Lower Upper
62 100
64 29.3 25.0 37.6

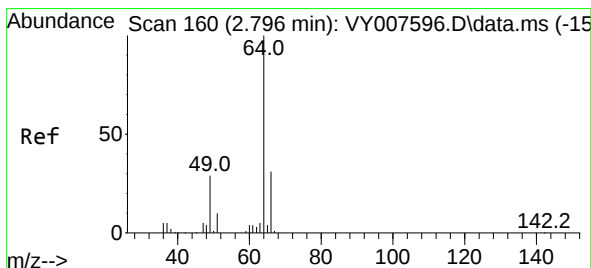
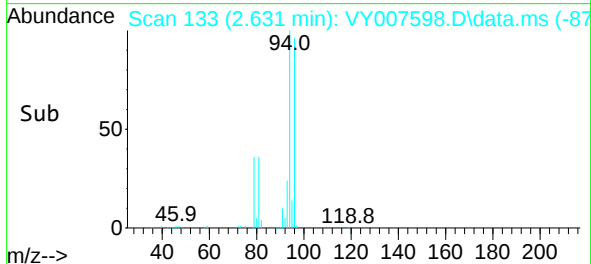
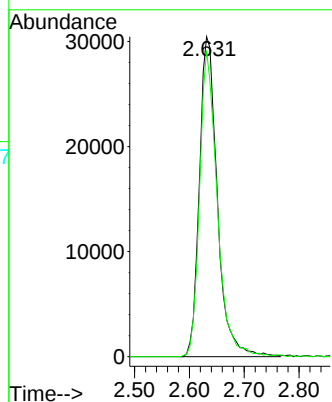
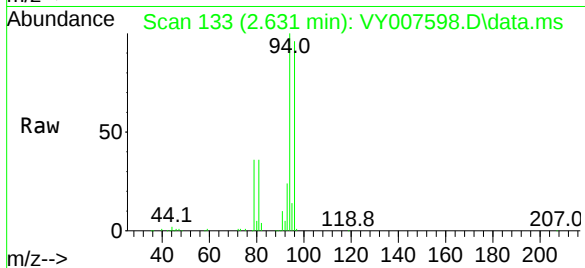




#5
Bromomethane
Concen: 142.609 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

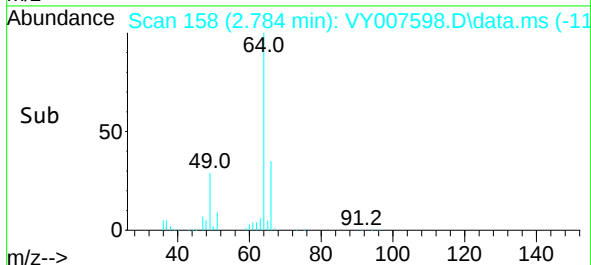
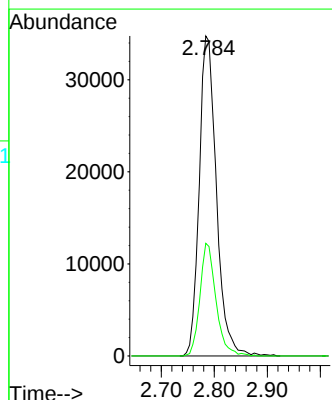
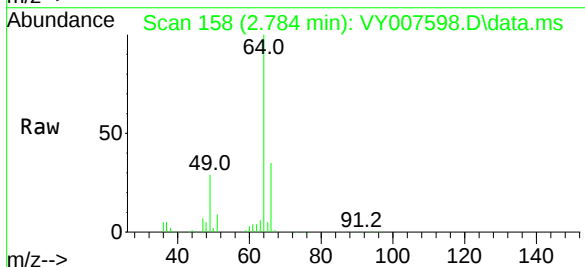
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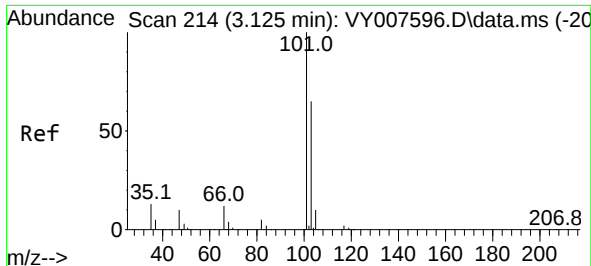
Tgt Ion: 94 Resp: 69302
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3



#6
Chloroethane
Concen: 191.422 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 64 Resp: 78407
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.0

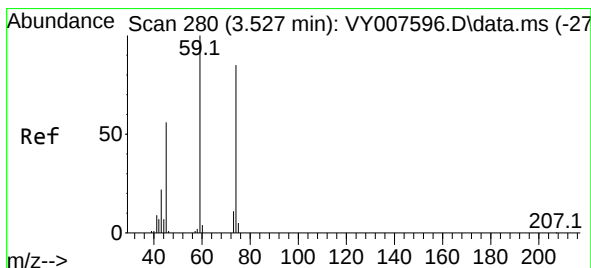
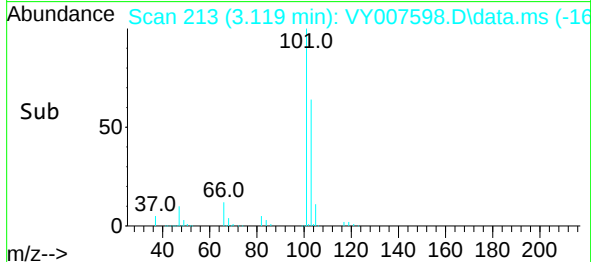
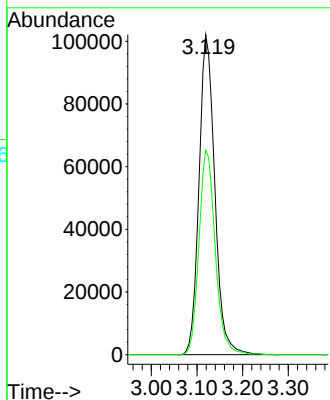
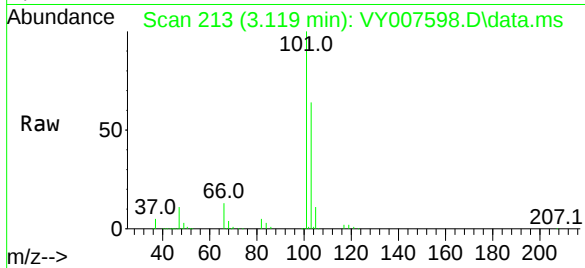




#7
 Trichlorofluoromethane
 Concen: 174.790 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY007598.D
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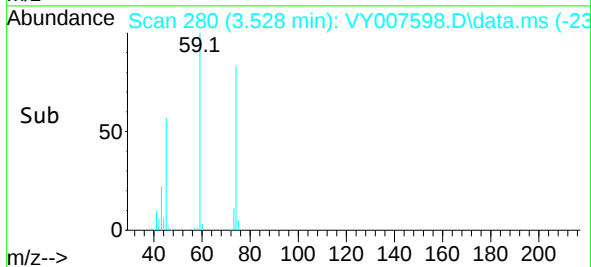
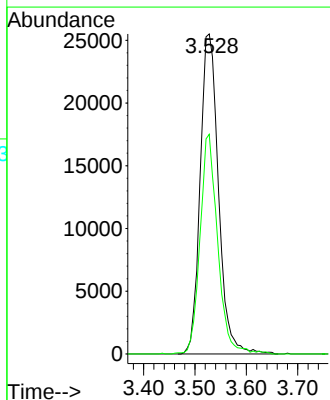
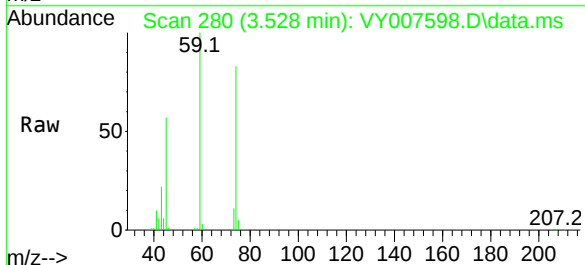
Instrument :
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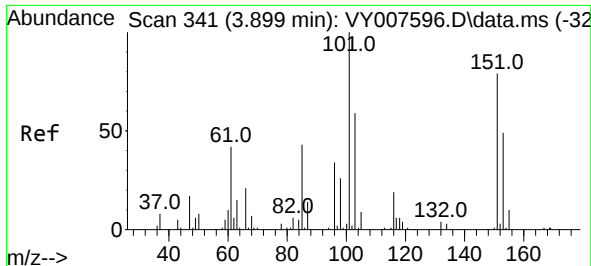
Tgt Ion:101 Resp: 244527
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 183.938 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY007598.D
 Acq: 23 Feb 2022 14:28

Tgt Ion: 74 Resp: 63067
 Ion Ratio Lower Upper
 74 100
 45 65.9 55.1 165.5

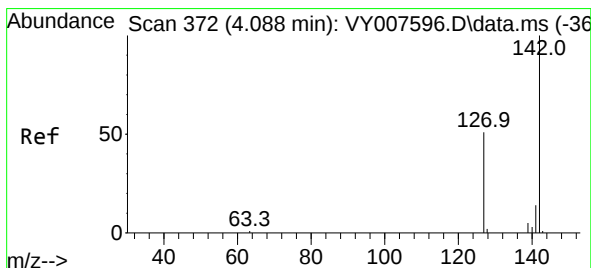
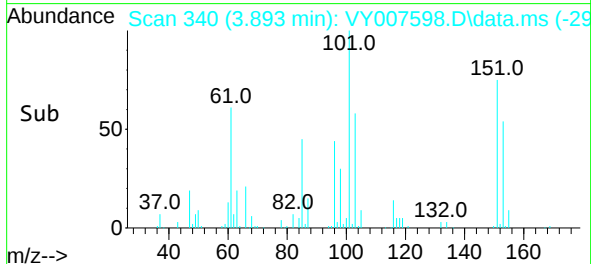
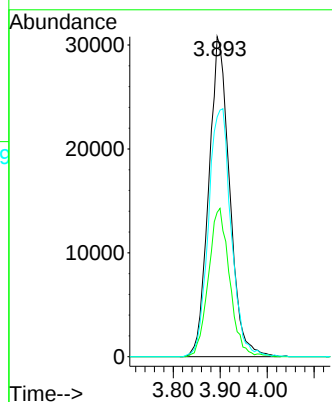
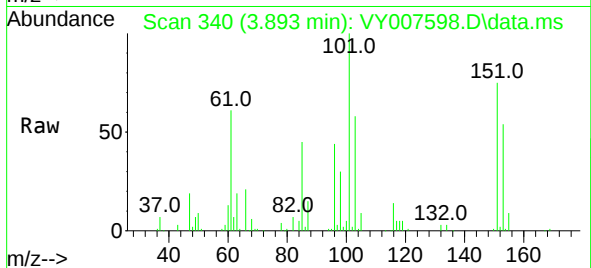




#9
1,1,2-Trichlorotrifluoroethane
Concen: 146.685 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007598.D
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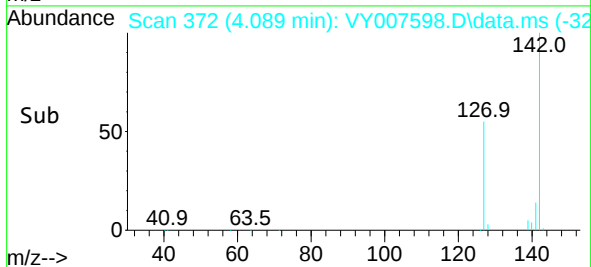
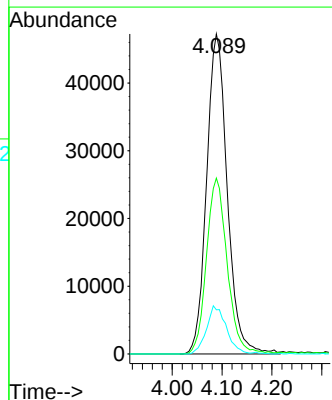
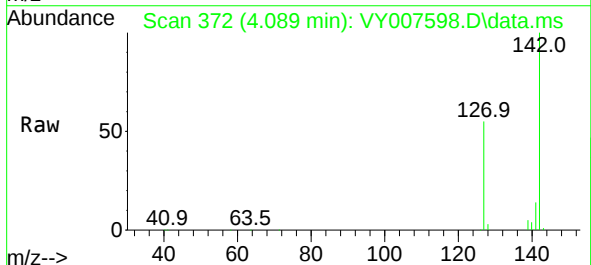
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

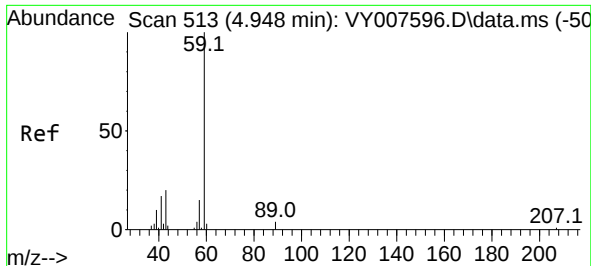
Tgt Ion:101 Resp: 94831
Ion Ratio Lower Upper
101 100
85 47.1 40.6 60.8
151 84.1 64.9 97.3



#10
Methyl Iodide
Concen: 178.306 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion:142 Resp: 135975
Ion Ratio Lower Upper
142 100
127 55.1 41.5 62.3
141 14.4 11.9 17.9

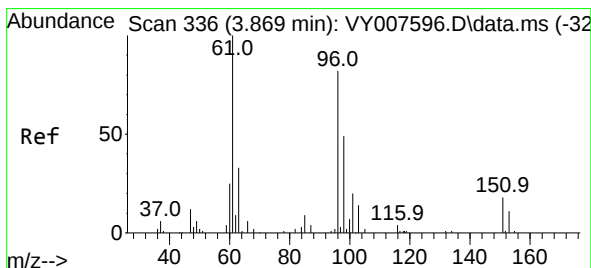
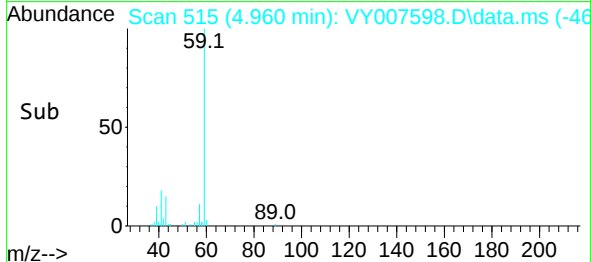
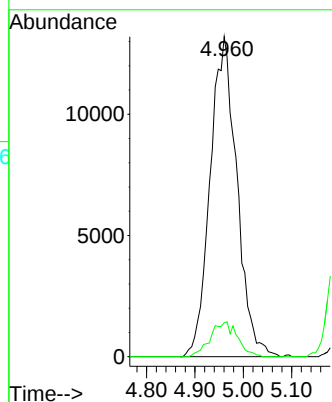
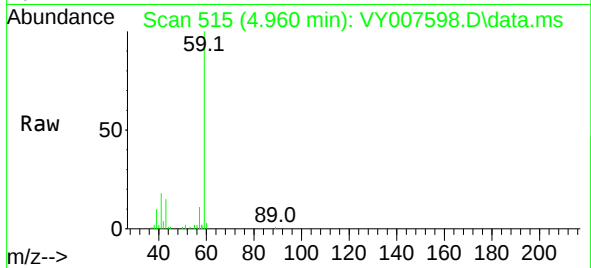




#11
Tert butyl alcohol
Concen: 980.955 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

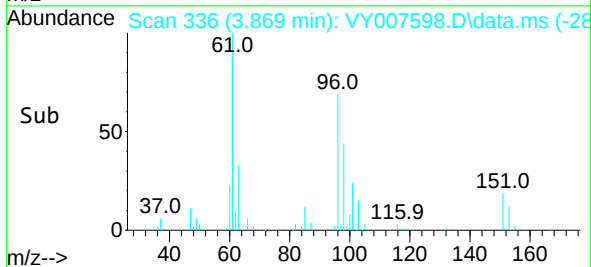
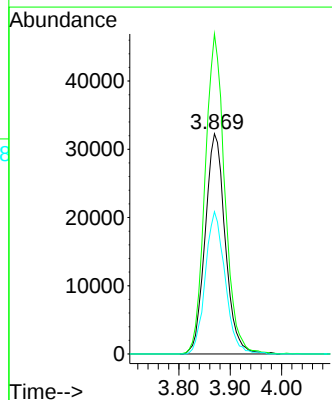
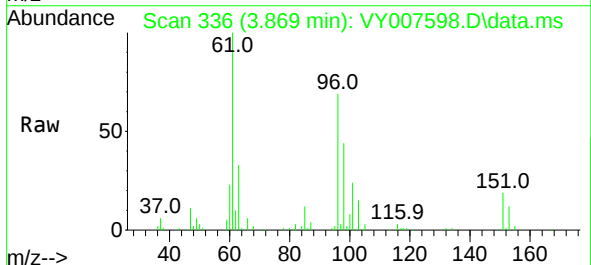
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

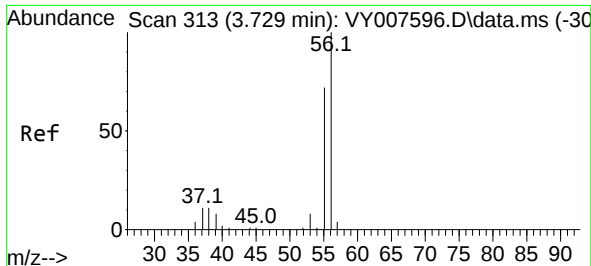
Tgt Ion: 59 Resp: 50733
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 150.611 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 96 Resp: 87745
Ion Ratio Lower Upper
96 100
61 145.3 145.8 218.6#
98 64.6 52.5 78.7

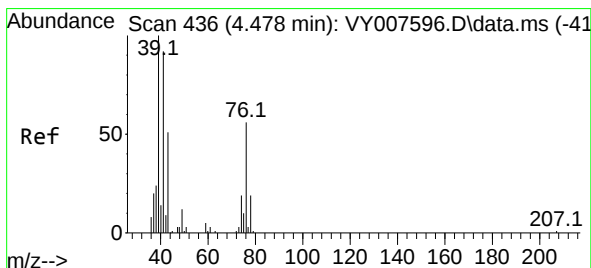
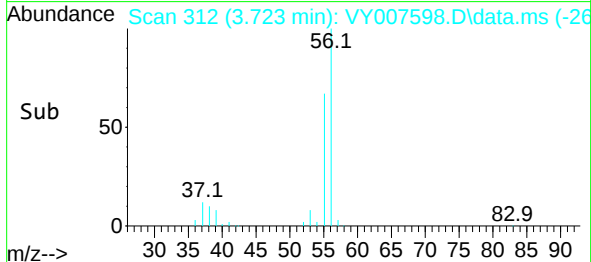
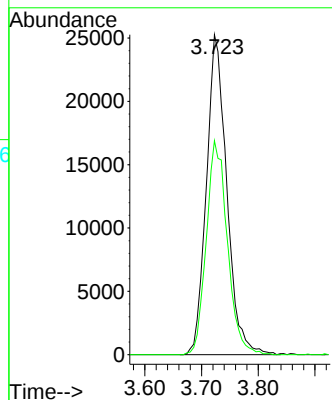
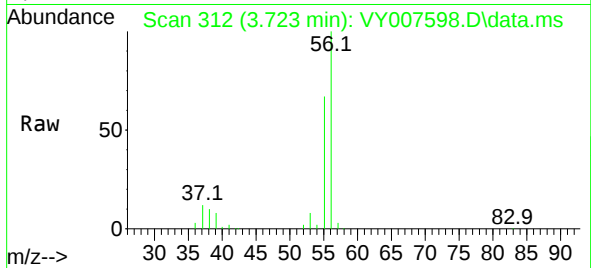




#13
Acrolein
Concen: 1351.666 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

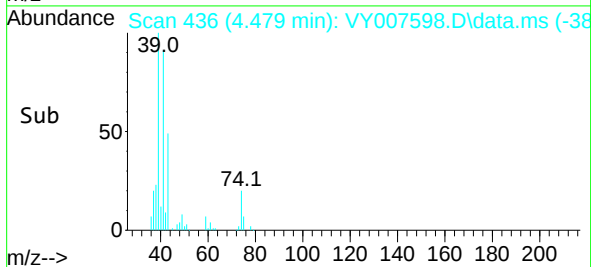
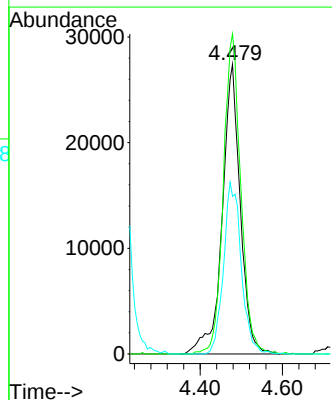
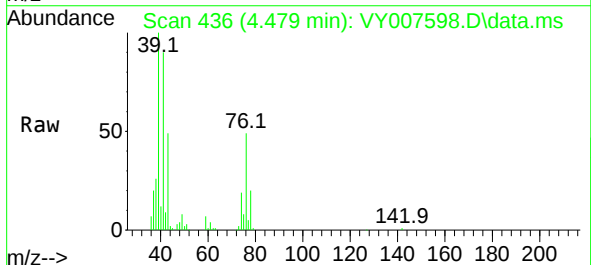
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

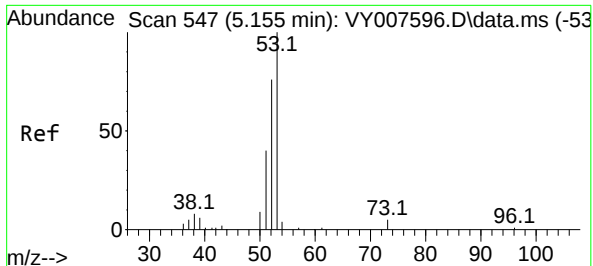
Tgt Ion: 56 Resp: 63079
Ion Ratio Lower Upper
56 100
55 69.1 57.6 86.4



#14
Allyl chloride
Concen: 141.927 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 41 Resp: 83596
Ion Ratio Lower Upper
41 100
39 106.8 58.8 88.2#
76 58.1 25.1 37.7#

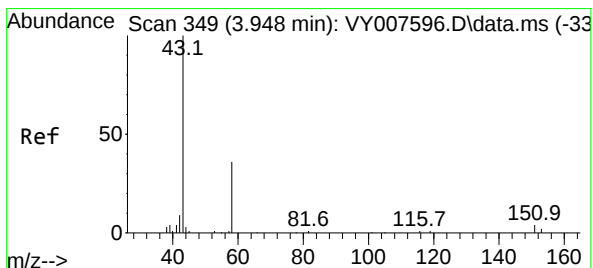
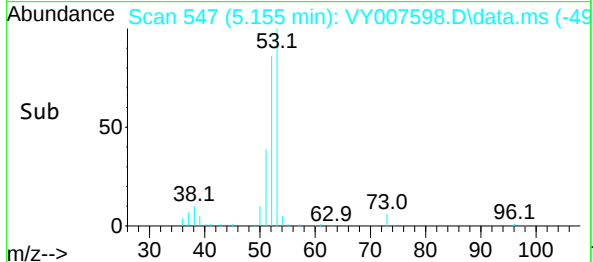
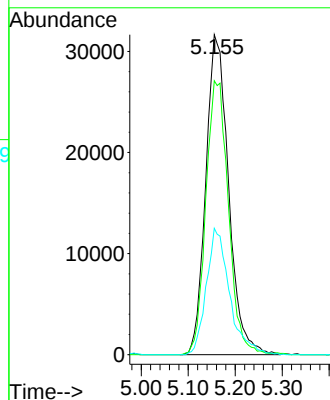
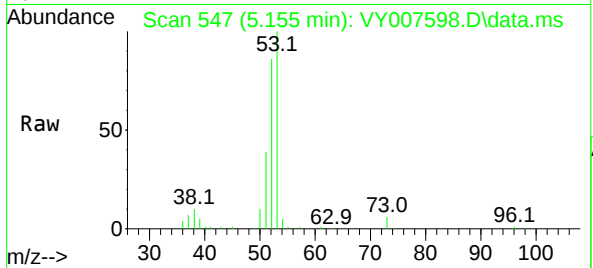




#15
Acrylonitrile
Concen: 857.860 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

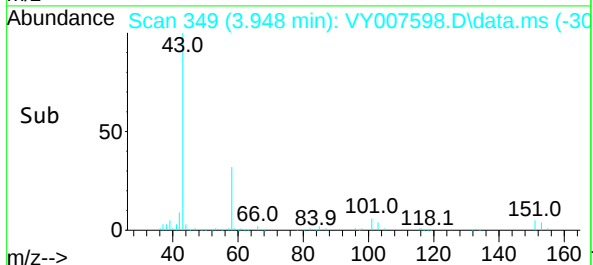
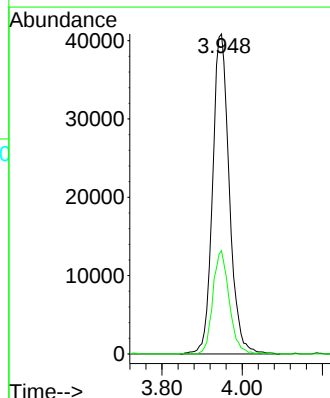
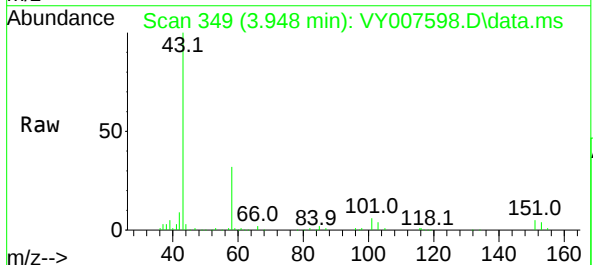
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

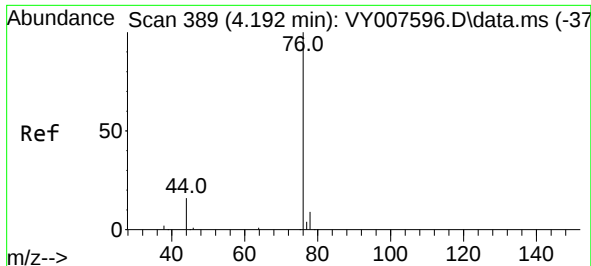
Tgt Ion: 53 Resp: 106696
Ion Ratio Lower Upper
53 100
52 84.7 67.0 100.4
51 40.2 29.8 44.6



#16
Acetone
Concen: 896.772 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 43 Resp: 118258
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0

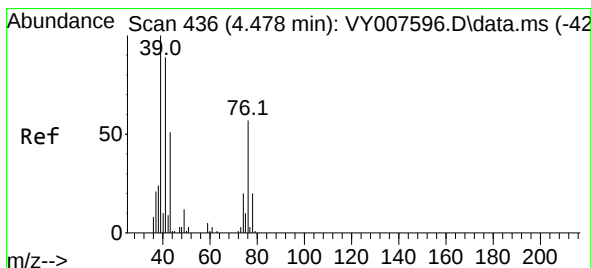
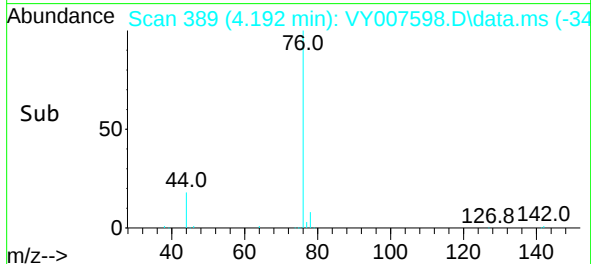
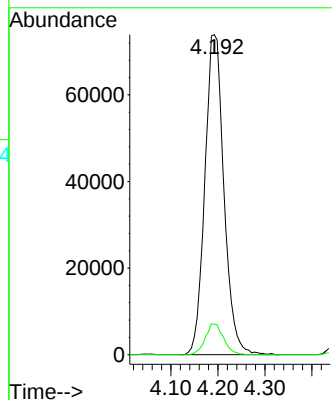
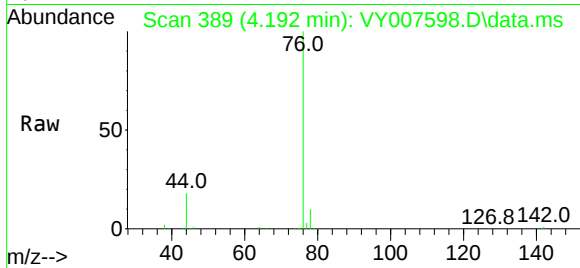




#17
Carbon Disulfide
Concen: 138.762 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

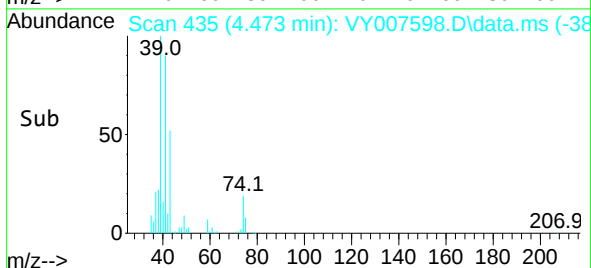
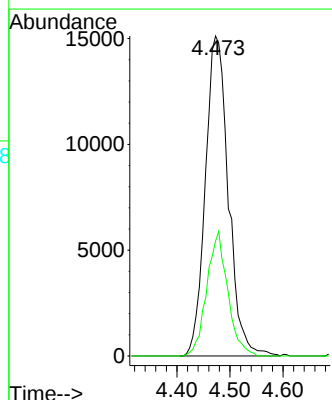
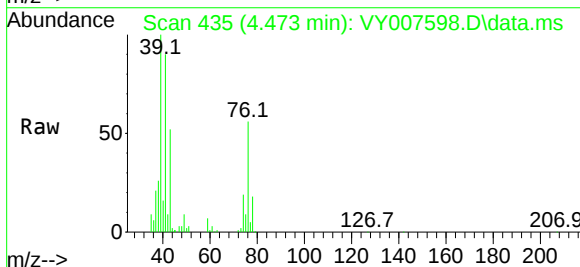
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

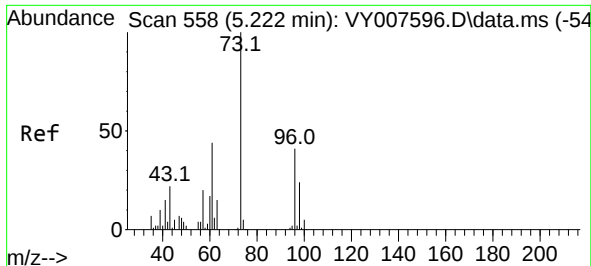
Tgt Ion: 76 Resp: 208311
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 157.474 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 43 Resp: 45664
Ion Ratio Lower Upper
43 100
74 35.4 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 168.608 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

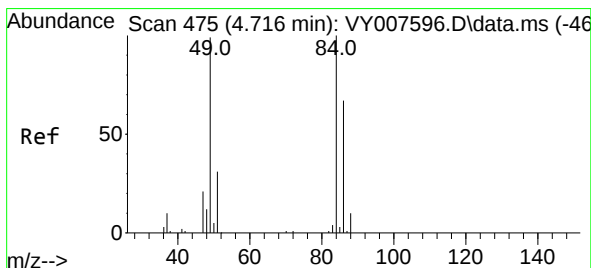
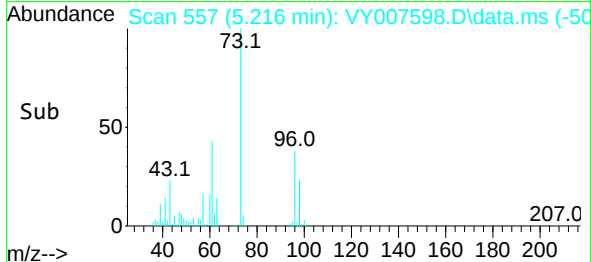
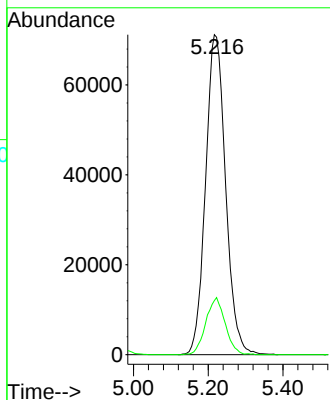
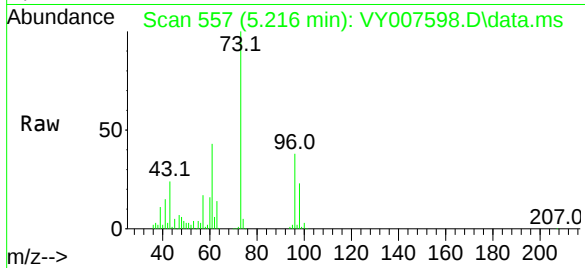
VSTDIC150

Tgt Ion: 73 Resp: 264930

Ion Ratio Lower Upper

73 100

57 16.9 18.6 27.8#



#20

Methylene Chloride

Concen: 143.330 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Tgt Ion: 84 Resp: 94752

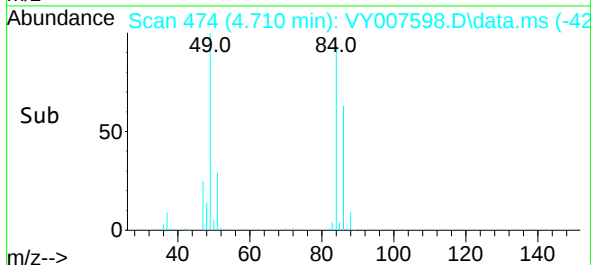
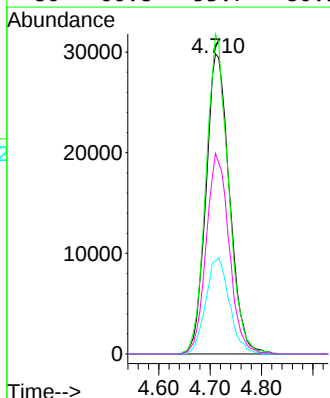
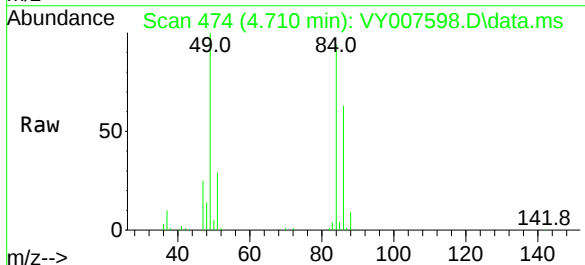
Ion Ratio Lower Upper

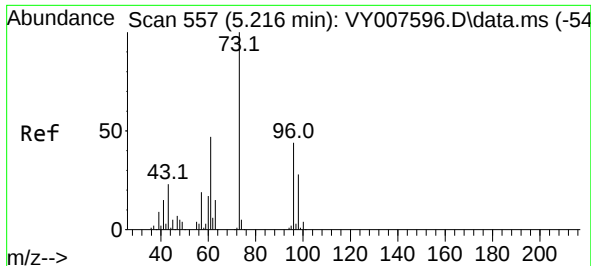
84 100

49 106.6 114.4 171.6#

51 31.0 35.3 52.9#

86 66.8 53.7 80.5

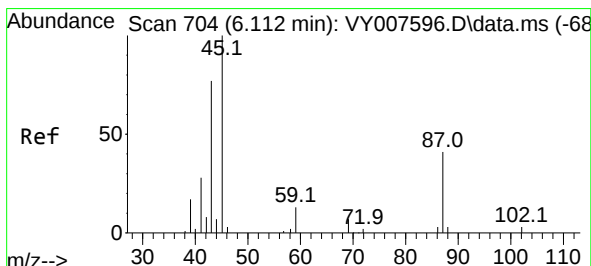
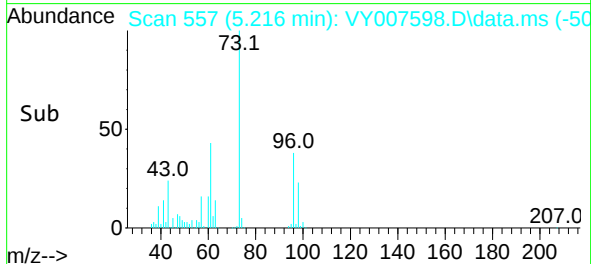
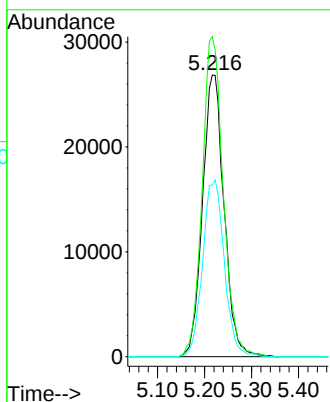
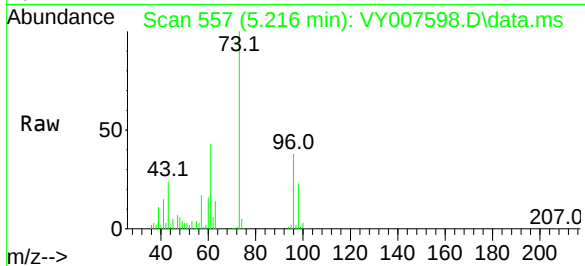




#21
trans-1,2-Dichloroethene
Concen: 145.359 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

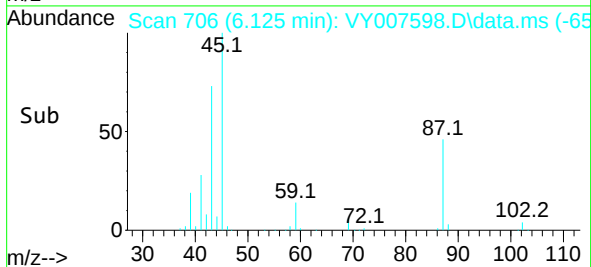
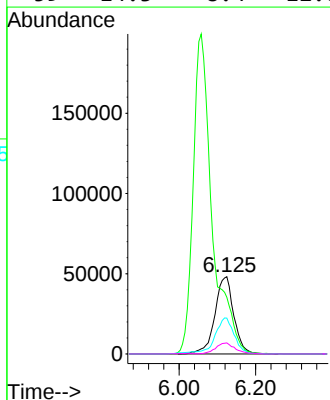
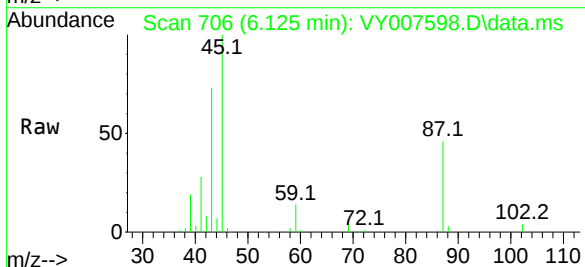
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

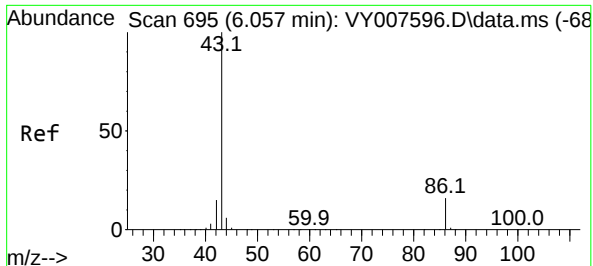
Tgt Ion: 96 Resp: 85277
Ion Ratio Lower Upper
96 100
61 113.6 120.5 180.7#
98 61.0 49.8 74.8



#22
Diisopropyl ether
Concen: 138.942 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 45 Resp: 165148
Ion Ratio Lower Upper
45 100
43 73.1 49.3 73.9
87 46.5 19.2 28.8#
59 14.3 8.4 12.6#

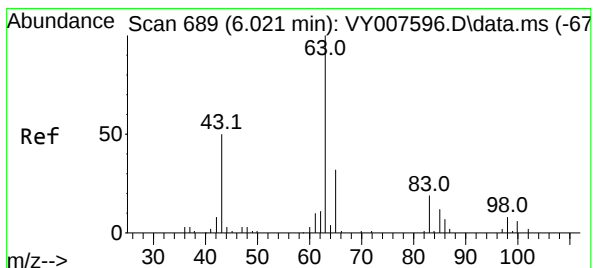
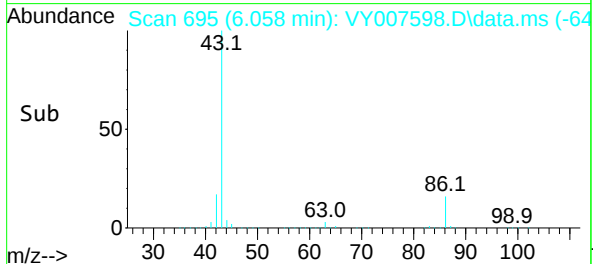
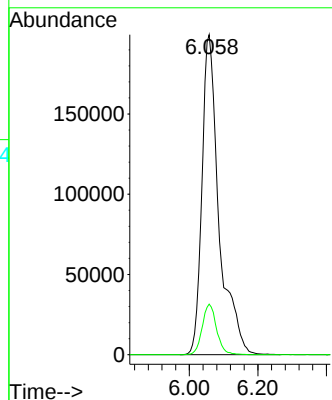
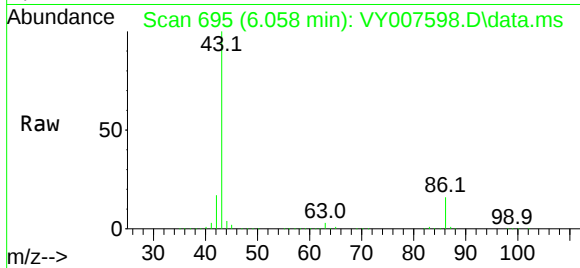




#23
 Vinyl Acetate
 Concen: 846.455 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY007598.D
 Acq: 23 Feb 2022 14:28

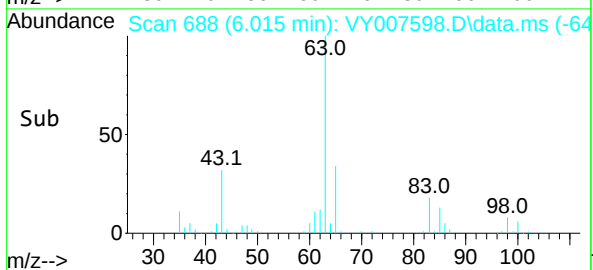
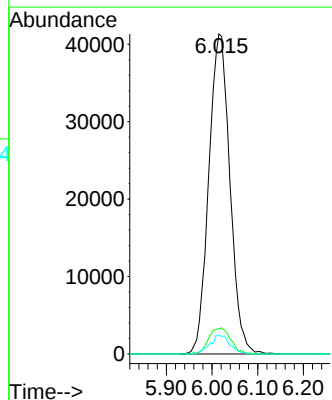
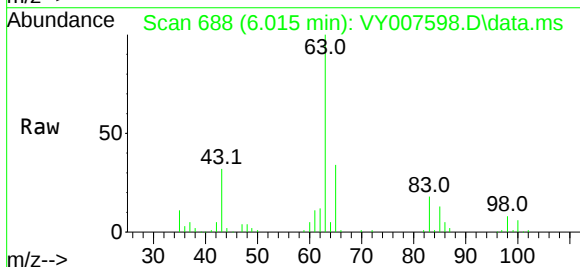
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

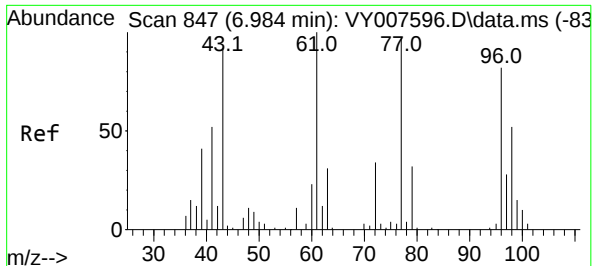
Tgt Ion: 43 Resp: 690165
 Ion Ratio Lower Upper
 43 100
 86 15.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 146.715 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007598.D
 Acq: 23 Feb 2022 14:28

Tgt Ion: 63 Resp: 132669
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.8 2.0 5.8





#25

2-Butanone

Concen: 880.901 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

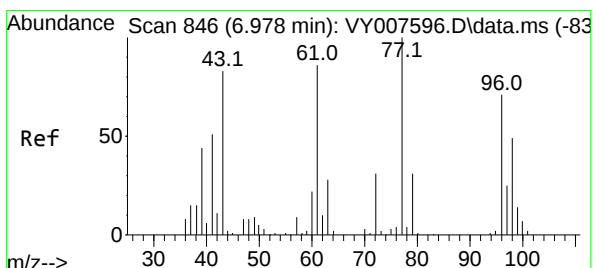
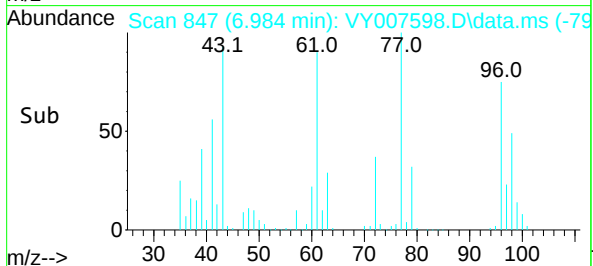
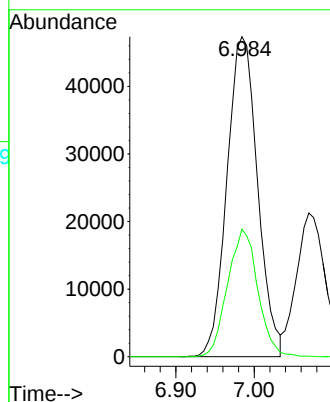
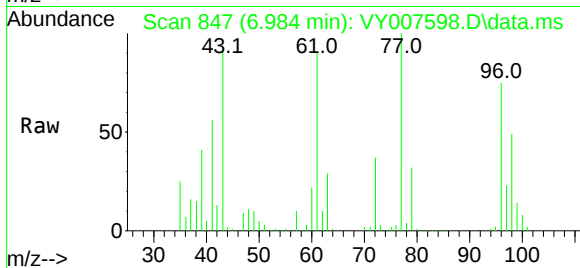
VSTDIC150

Tgt Ion: 43 Resp: 128780

Ion Ratio Lower Upper

43 100

72 39.9 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 155.546 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY007598.D

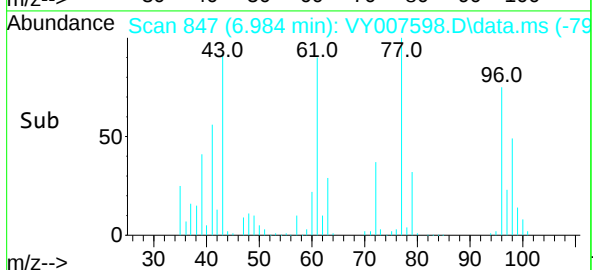
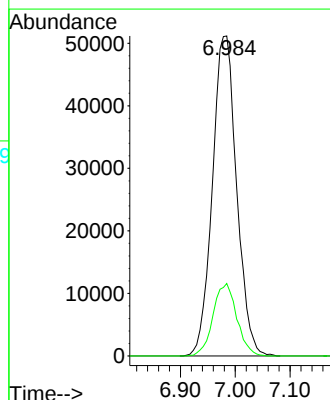
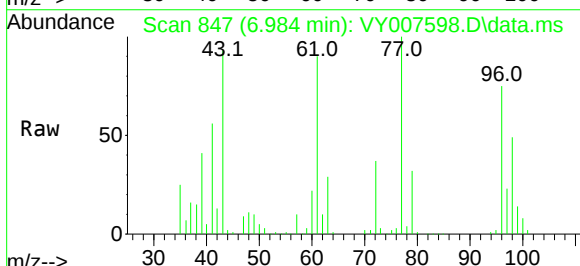
Acq: 23 Feb 2022 14:28

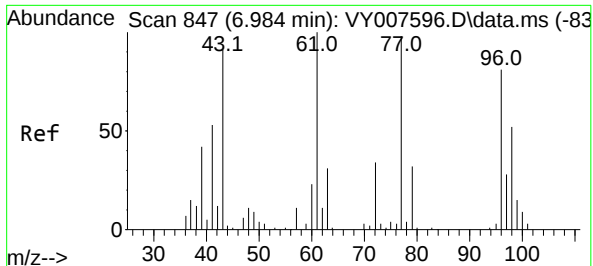
Tgt Ion: 77 Resp: 157253

Ion Ratio Lower Upper

77 100

97 22.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 155.528 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

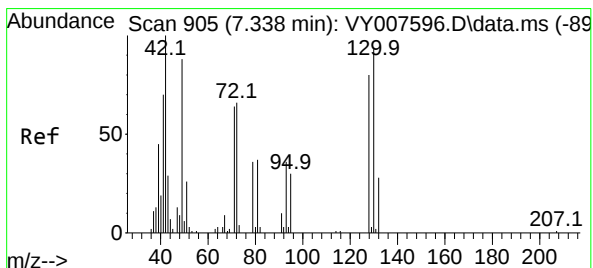
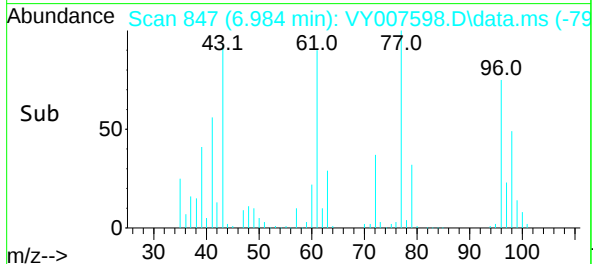
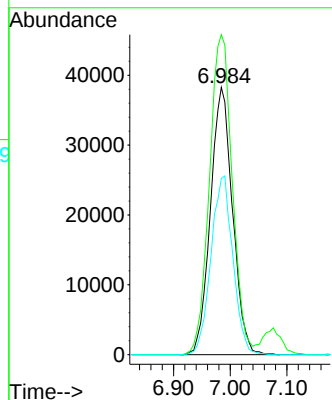
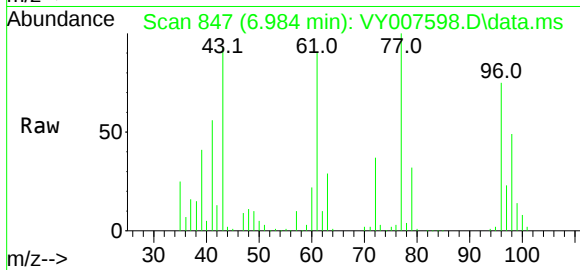
Tgt Ion: 96 Resp: 103655

Ion Ratio Lower Upper

96 100

61 123.6 0.0 319.8

98 66.2 0.0 127.0



#28

Bromochloromethane

Concen: 166.592 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

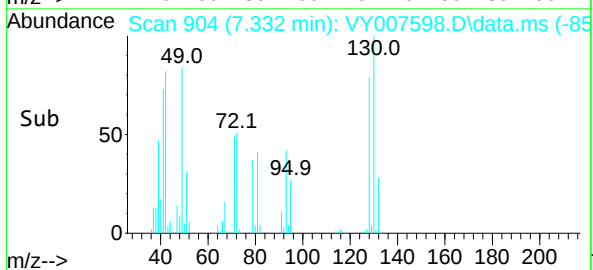
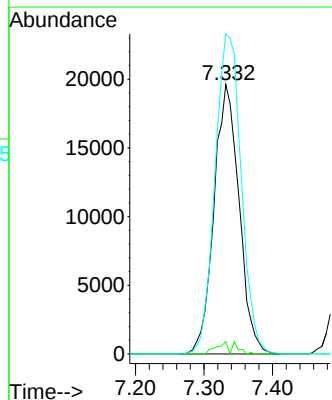
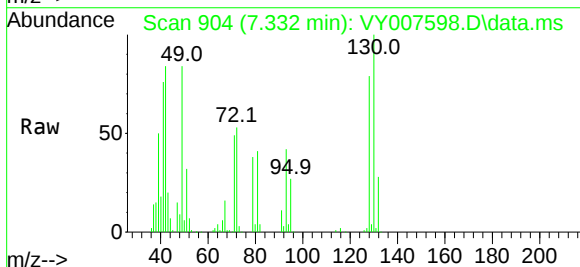
Tgt Ion: 49 Resp: 49826

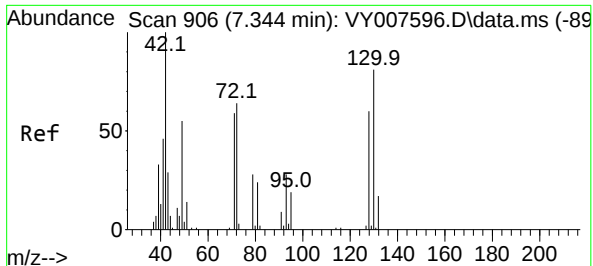
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 124.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 848.348 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

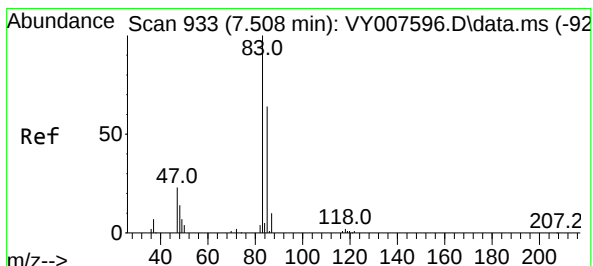
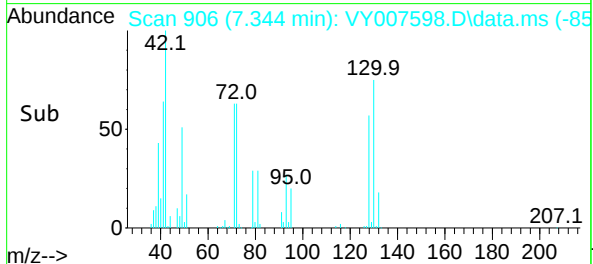
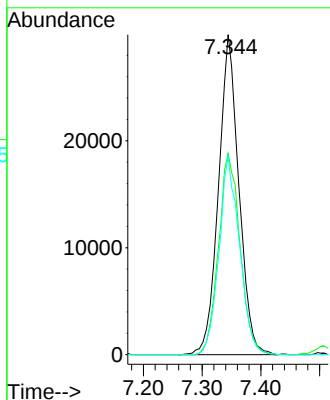
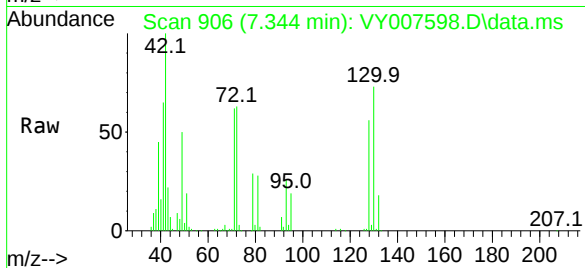
Tgt Ion: 42 Resp: 71955

Ion Ratio Lower Upper

42 100

72 66.5 30.3 45.5#

71 62.6 29.0 43.4#



#30

Chloroform

Concen: 155.886 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007598.D

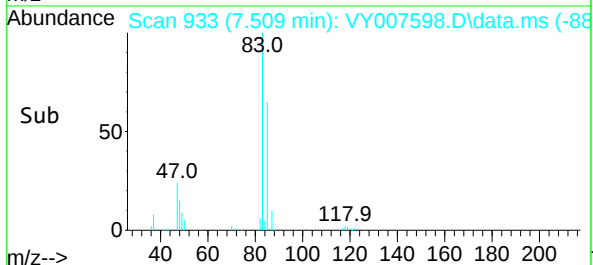
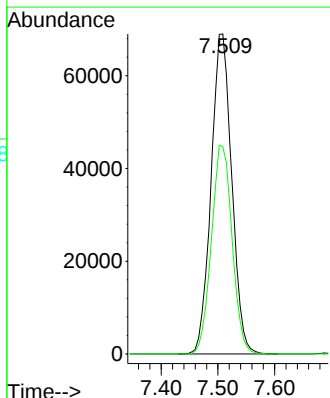
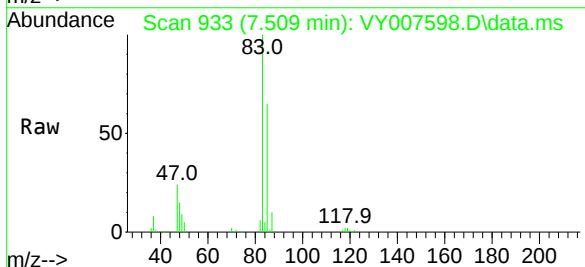
Acq: 23 Feb 2022 14:28

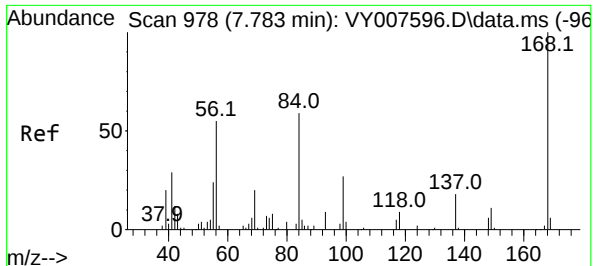
Tgt Ion: 83 Resp: 174176

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

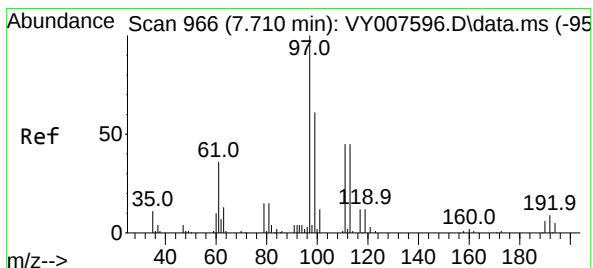
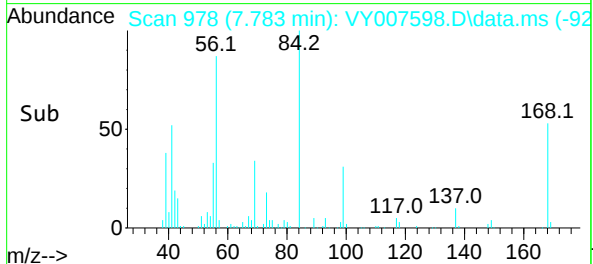
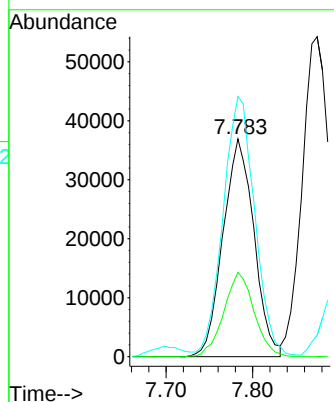
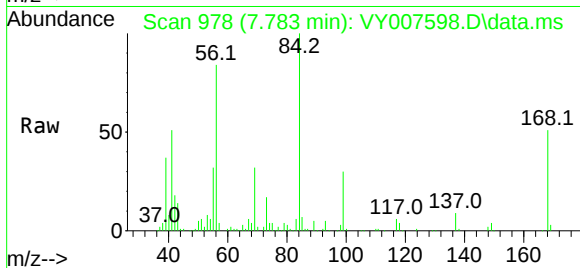




#31
Cyclohexane
Concen: 115.806 ug/l
RT: 7.783 min Scan# 917
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

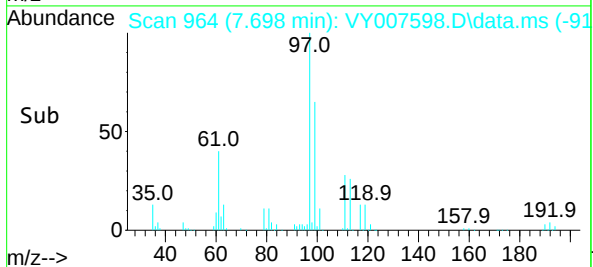
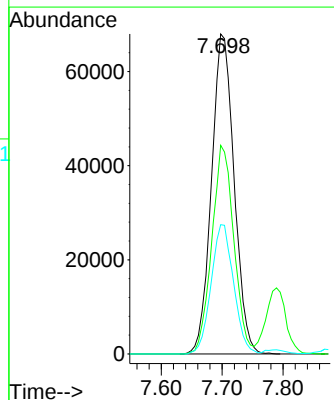
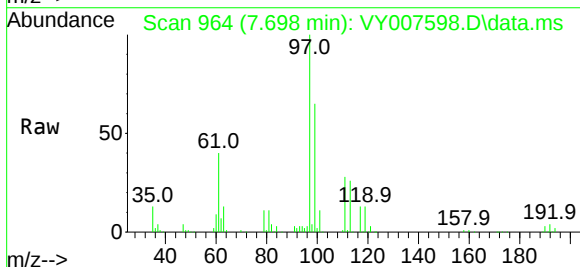
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

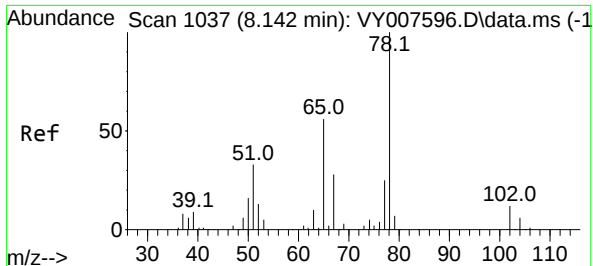
Tgt Ion: 56 Resp: 91700
Ion Ratio Lower Upper
56 100
69 38.7 26.7 40.1
84 116.2 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 154.413 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 97 Resp: 175261
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 40.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 194.045 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

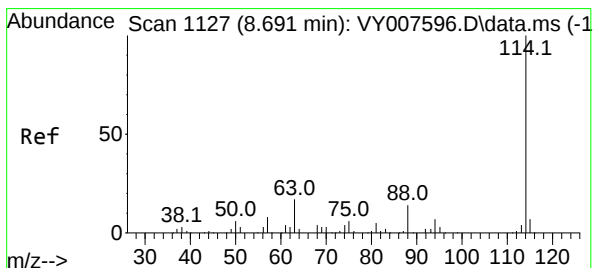
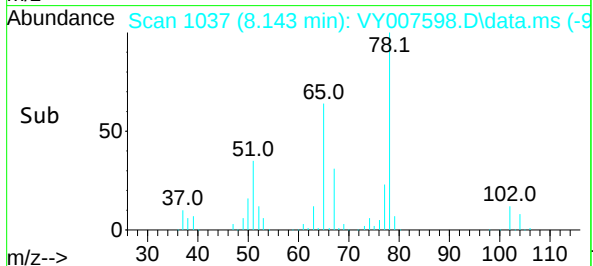
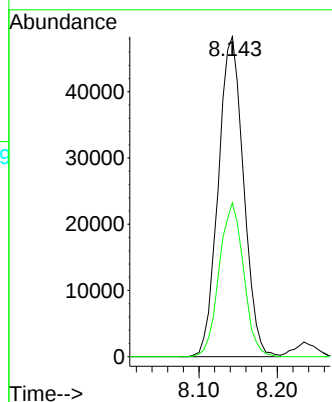
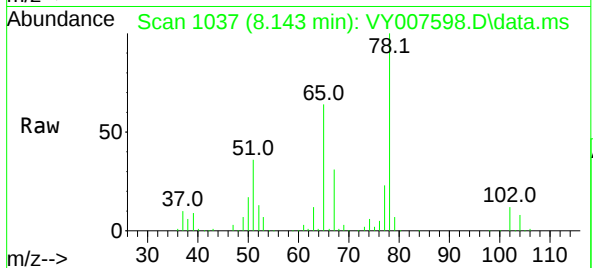
VSTDIC150

Tgt Ion: 65 Resp: 108308

Ion Ratio Lower Upper

65 100

67 46.4 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: VY007598.D

Acq: 23 Feb 2022 14:28

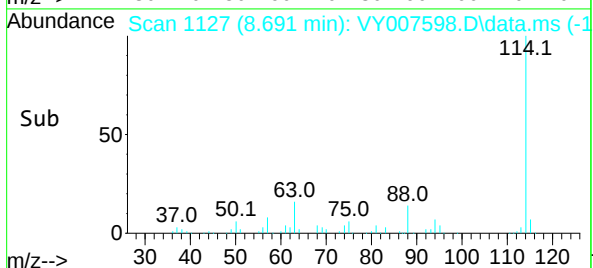
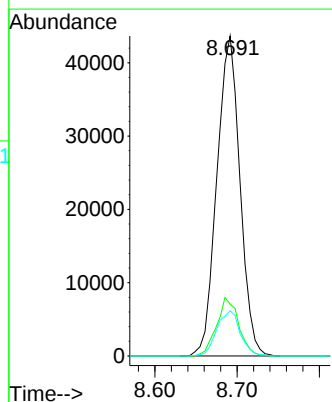
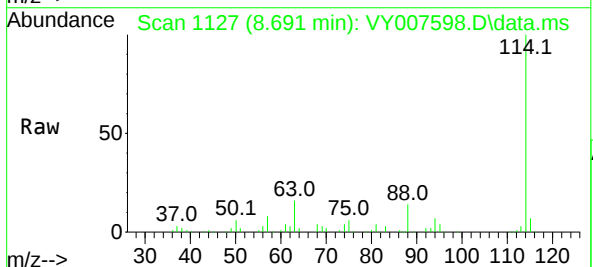
Tgt Ion: 114 Resp: 85153

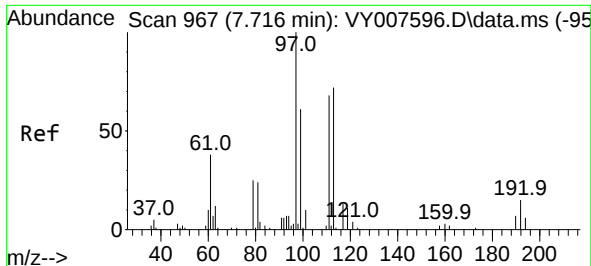
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.1 0.0 31.8

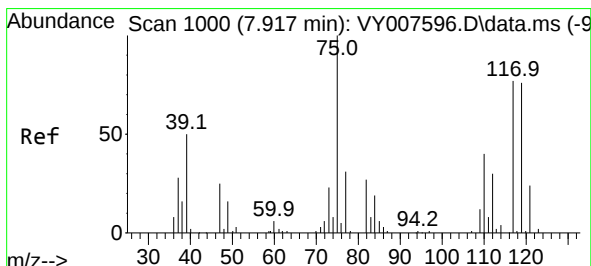
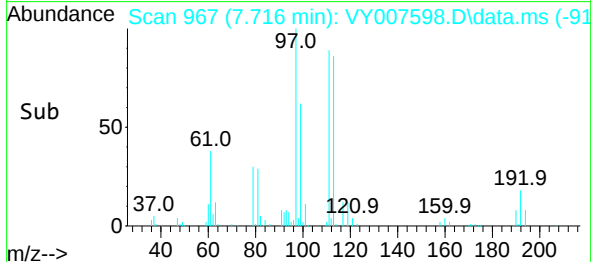
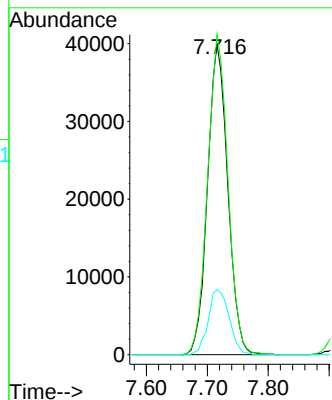
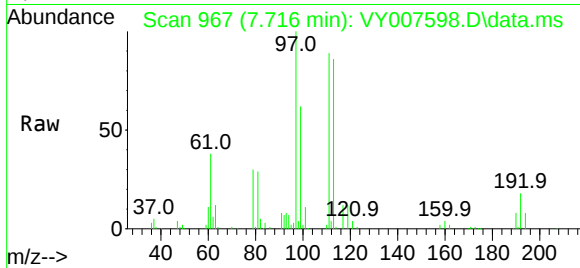




#35
Dibromofluoromethane
Concen: 173.515 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

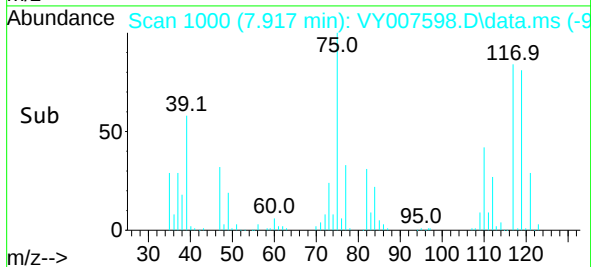
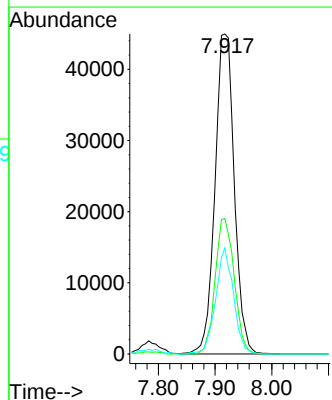
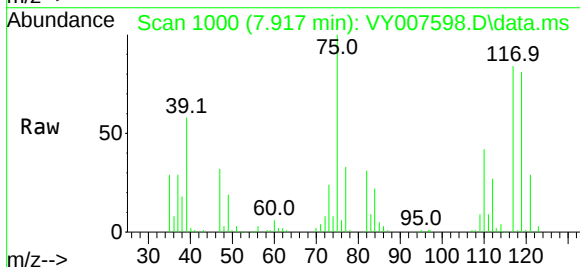
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

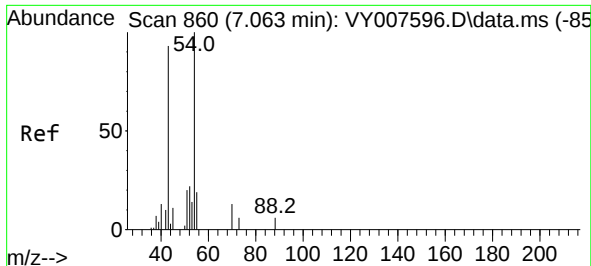
Tgt Ion:113 Resp: 92178
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 134.001 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 75 Resp: 106609
Ion Ratio Lower Upper
75 100
110 41.7 17.1 51.2
77 30.6 24.4 36.6

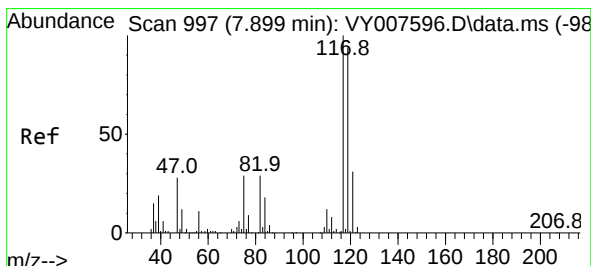
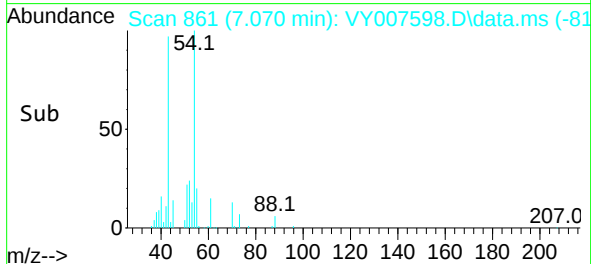
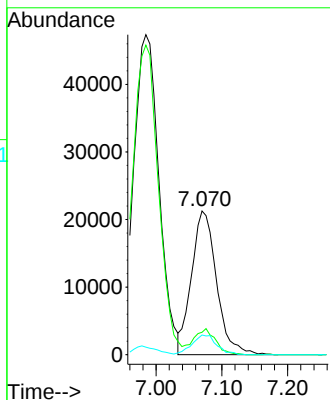
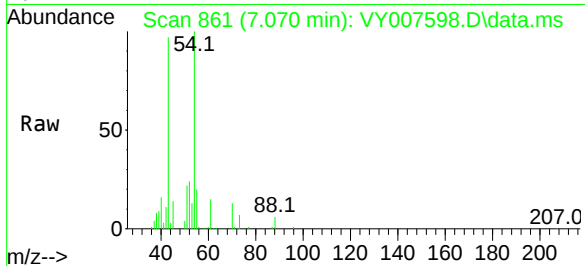




#37
Ethyl Acetate
Concen: 173.248 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

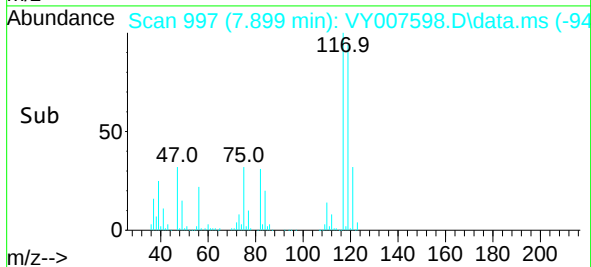
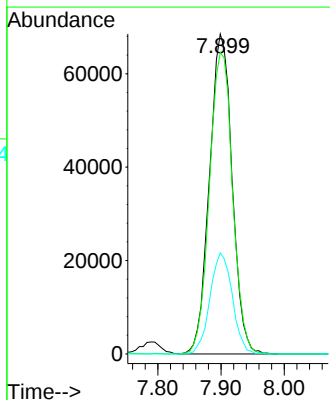
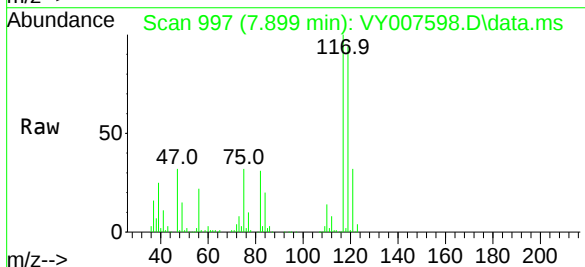
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

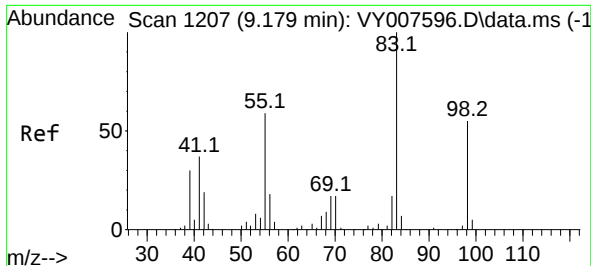
Tgt Ion: 43 Resp: 56216
Ion Ratio Lower Upper
43 100
61 15.3 9.7 14.5#
70 13.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 155.154 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 117 Resp: 170560
Ion Ratio Lower Upper
117 100
119 94.2 77.9 116.9
121 31.6 24.8 37.2





#39

Methylcyclohexane

Concen: 128.945 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

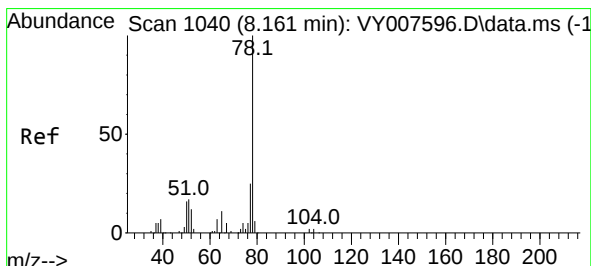
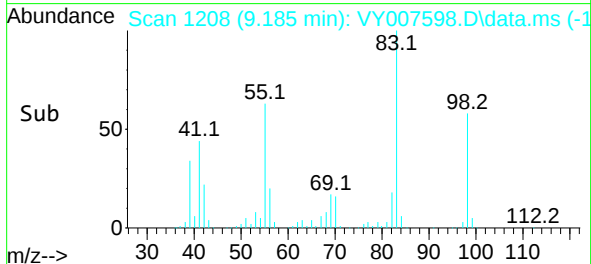
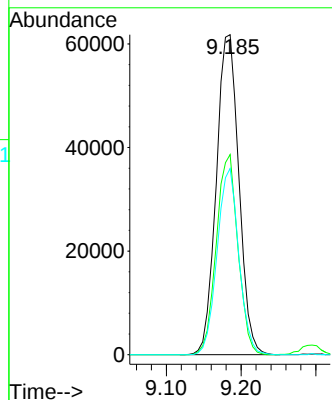
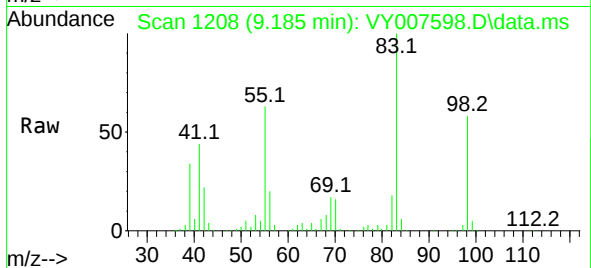
Tgt Ion: 83 Resp: 129898

Ion Ratio Lower Upper

83 100

55 62.5 66.5 99.7#

98 58.2 37.9 56.9#



#40

Benzene

Concen: 146.897 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY007598.D

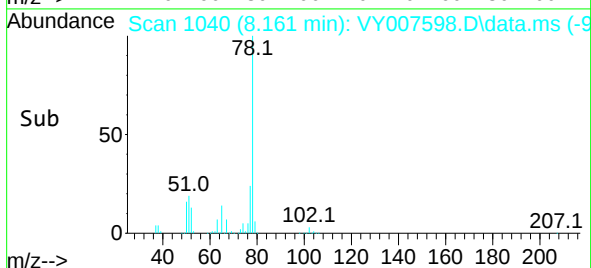
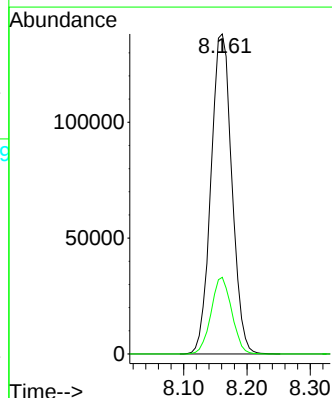
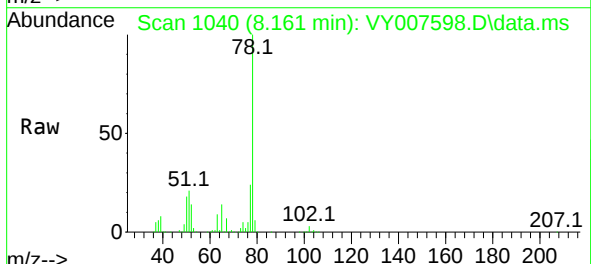
Acq: 23 Feb 2022 14:28

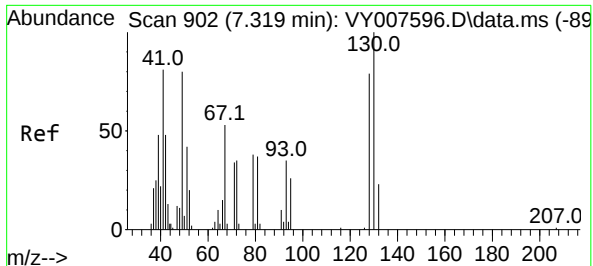
Tgt Ion: 78 Resp: 316265

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

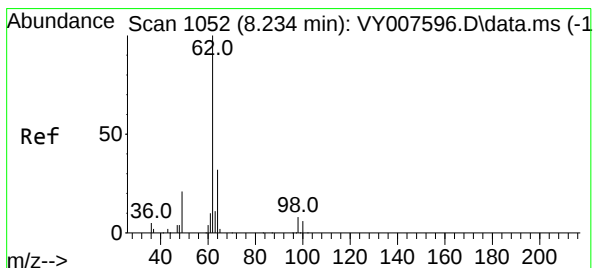
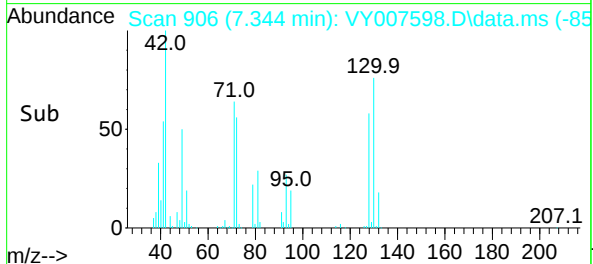
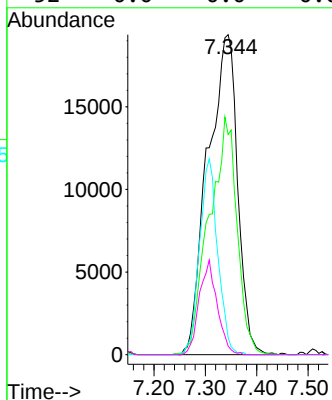
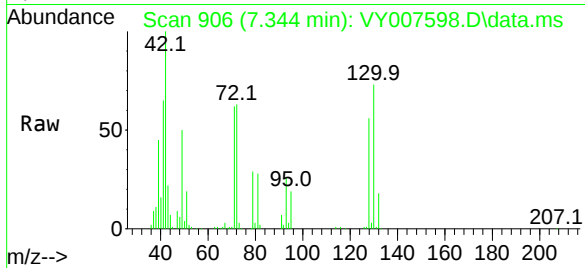




#41
Methacrylonitrile
Concen: 453.273 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

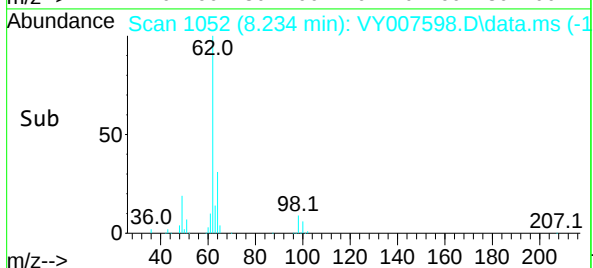
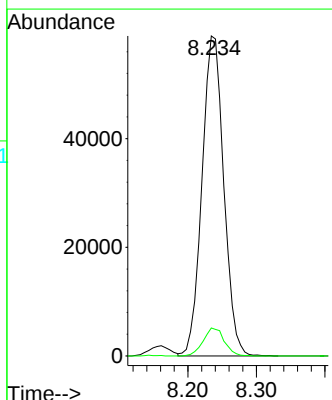
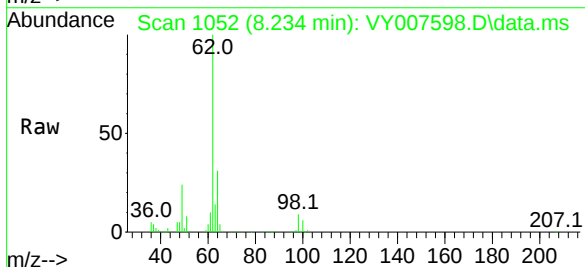
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

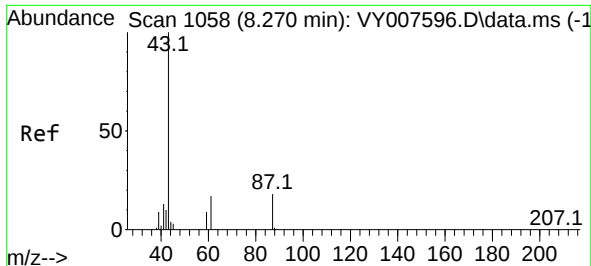
Tgt Ion: 41 Resp: 77919
Ion Ratio Lower Upper
41 100
39 69.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 173.626 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 62 Resp: 130232
Ion Ratio Lower Upper
62 100
98 8.5 0.0 14.8

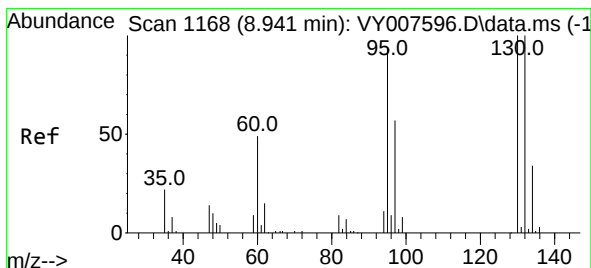
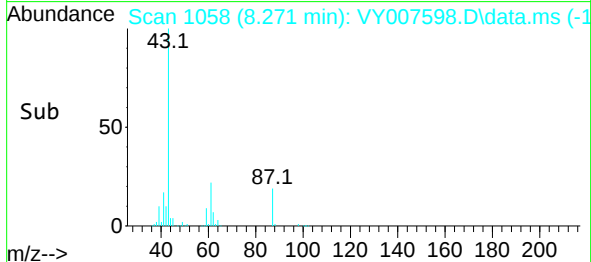
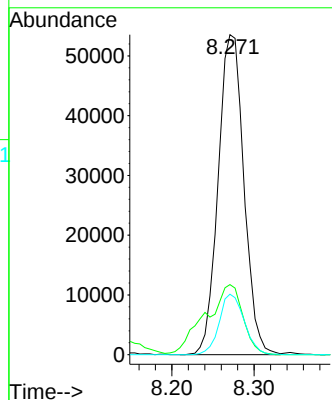
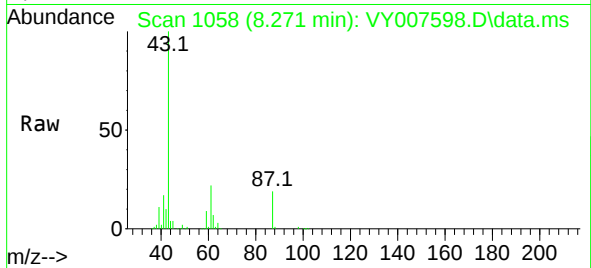




#43
Isopropyl Acetate
Concen: 175.008 ug/l
RT: 8.271 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

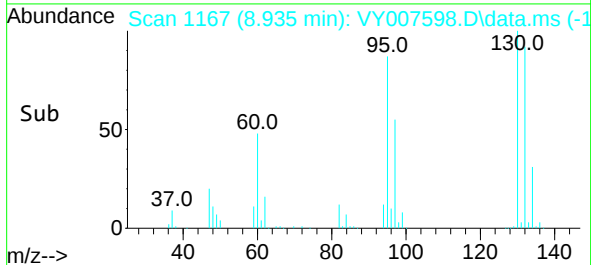
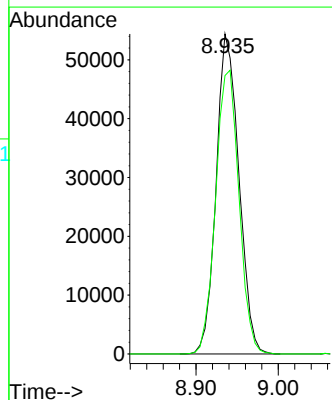
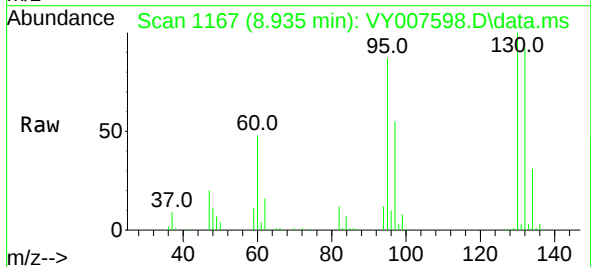
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

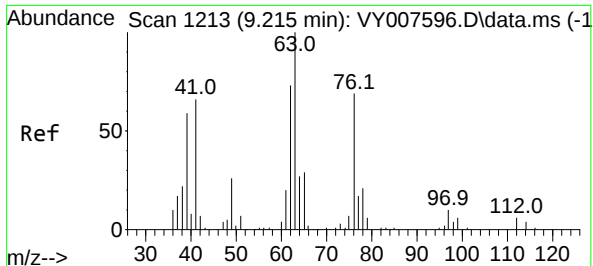
Tgt Ion: 43 Resp: 116488
Ion Ratio Lower Upper
43 100
61 31.7 20.2 30.2#
87 18.4 8.9 13.3#



#44
Trichloroethene
Concen: 144.514 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion:130 Resp: 104448
Ion Ratio Lower Upper
130 100
95 87.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 144.997 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

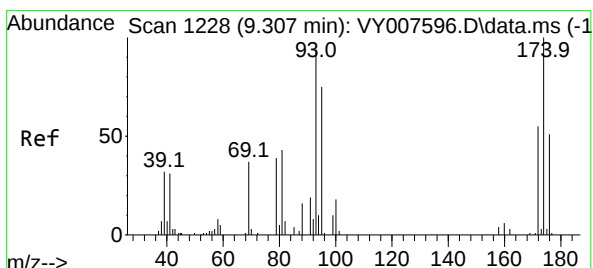
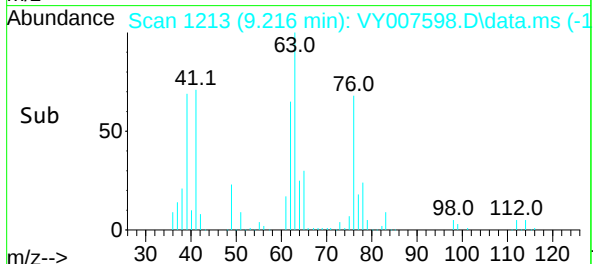
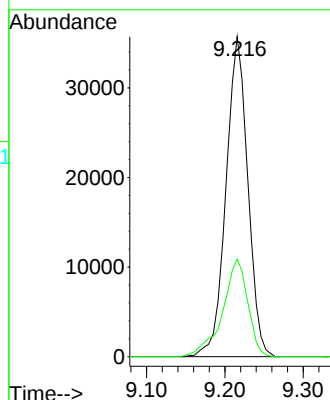
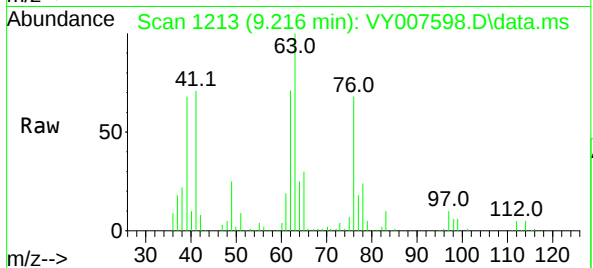
VSTDIC150

Tgt Ion: 63 Resp: 69080

Ion Ratio Lower Upper

63 100

65 30.5 23.0 34.6



#46

Dibromomethane

Concen: 170.581 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

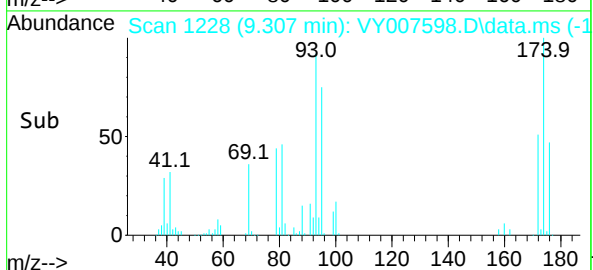
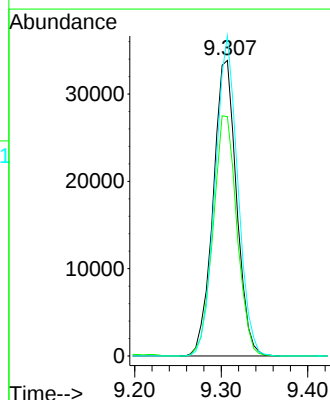
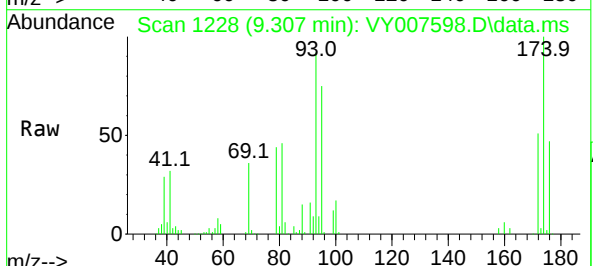
Tgt Ion: 93 Resp: 63578

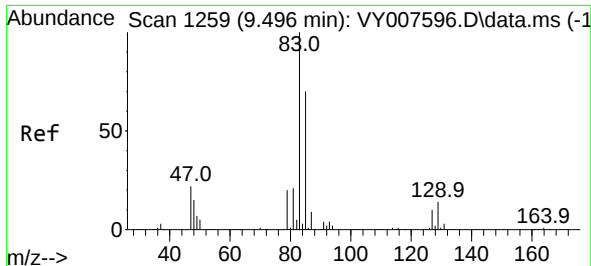
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 104.4 83.4 125.0

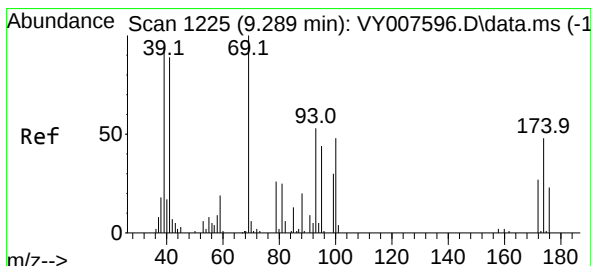
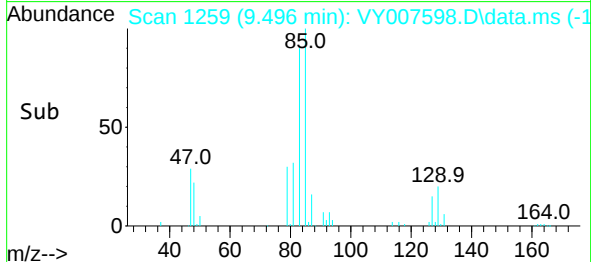
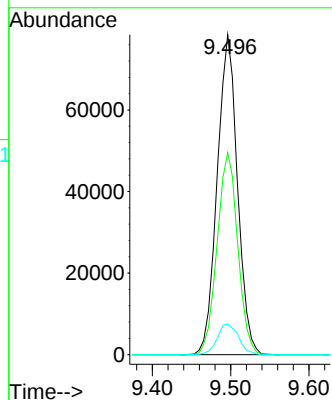
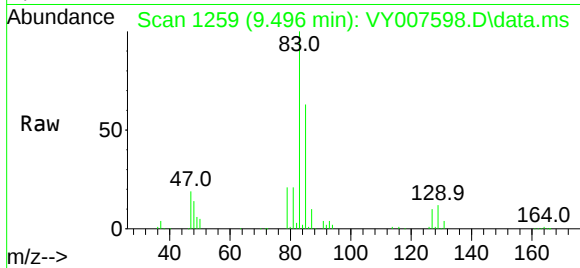




#47
Bromodichloromethane
Concen: 161.308 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

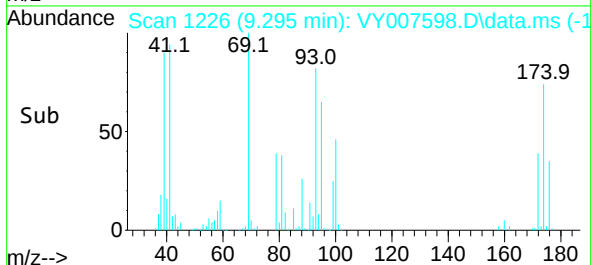
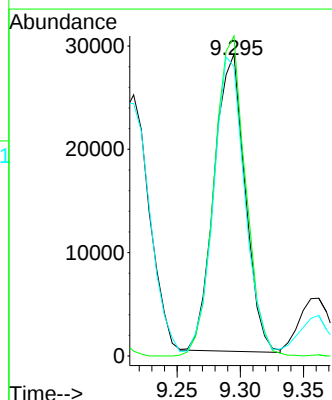
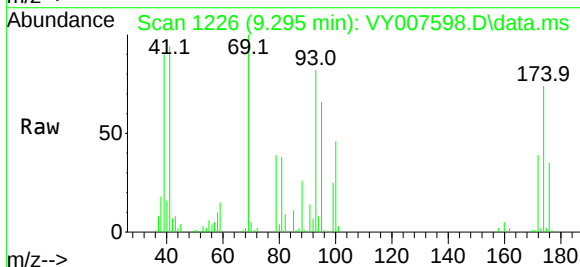
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

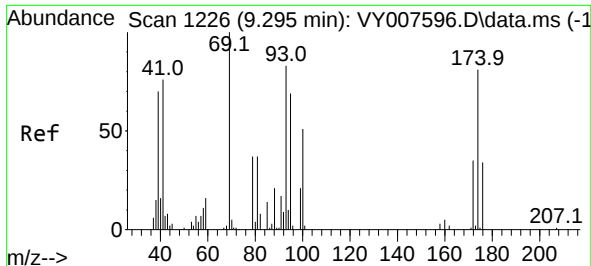
Tgt Ion: 83 Resp: 141115
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9
127 9.6 6.6 10.0



#48
Methyl methacrylate
Concen: 172.651 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 41 Resp: 48924
Ion Ratio Lower Upper
41 100
69 109.3 58.2 87.2#
39 102.8 47.4 71.0#





#49

1,4-Dioxane

Concen: 4094.630 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

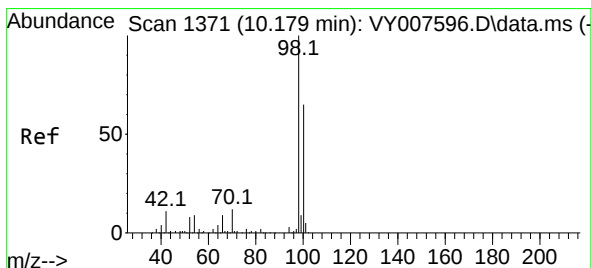
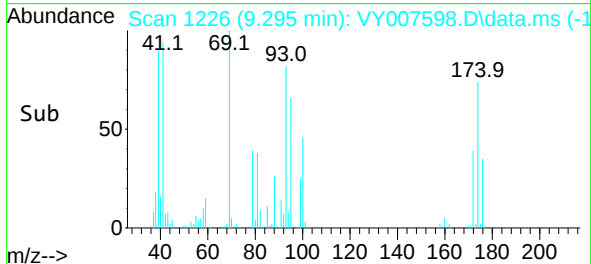
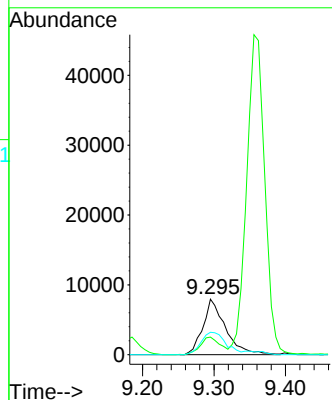
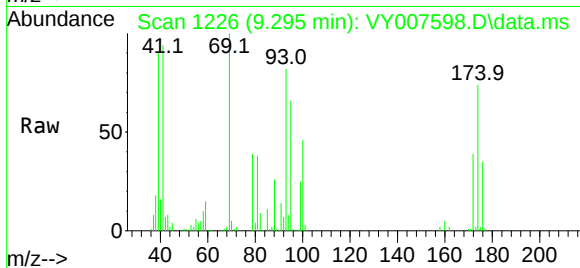
Tgt Ion: 88 Resp: 17528

Ion Ratio Lower Upper

88 100

43 28.2 32.8 49.2#

58 49.3 59.8 89.6#



#50

Toluene-d8

Concen: 173.461 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007598.D

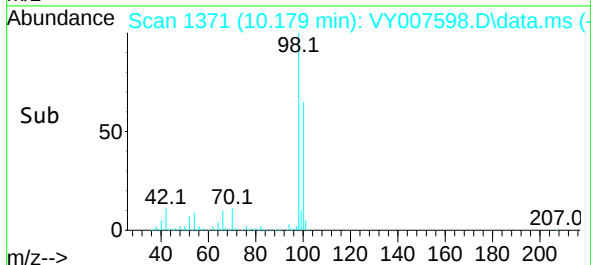
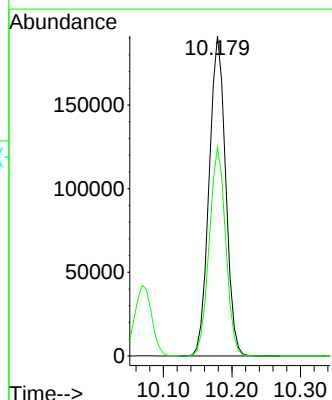
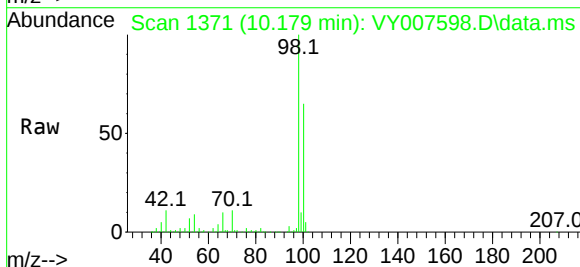
Acq: 23 Feb 2022 14:28

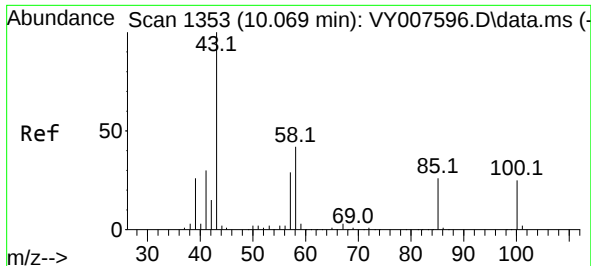
Tgt Ion: 98 Resp: 320626

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

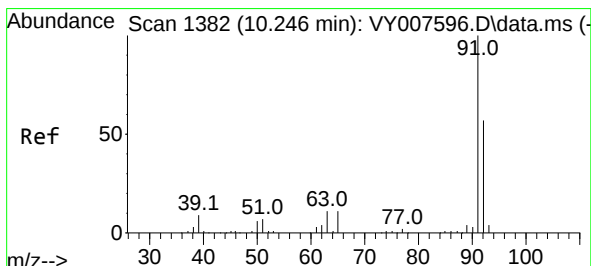
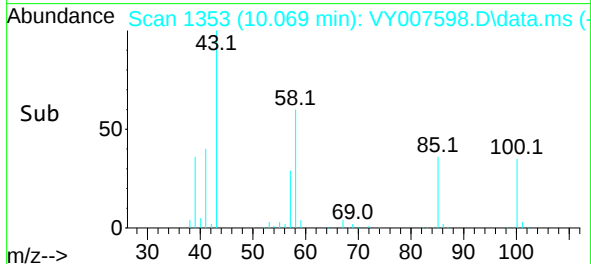
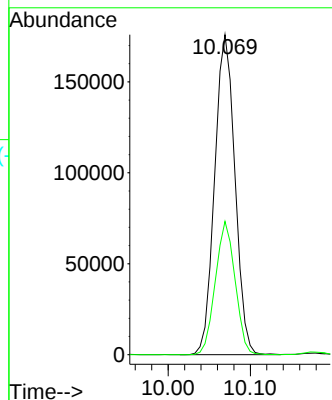
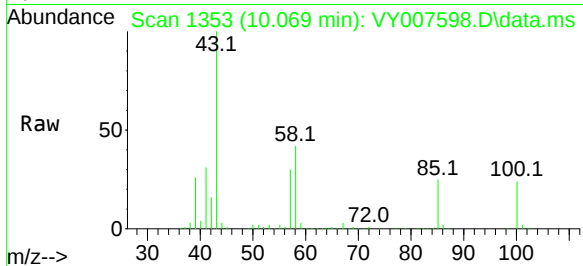




#51
4-Methyl-2-Pentanone
Concen: 910.998 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

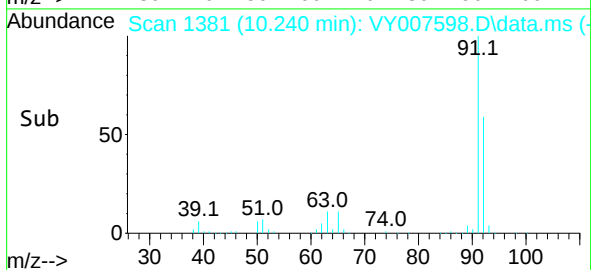
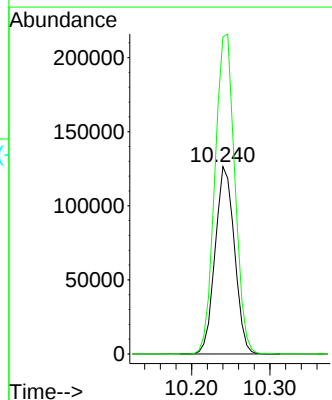
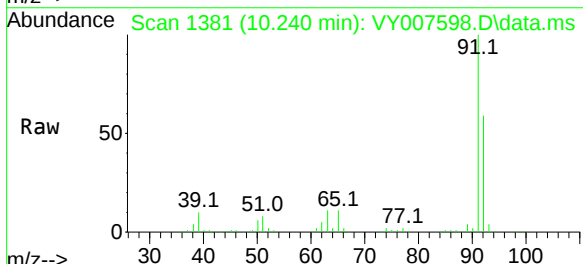
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

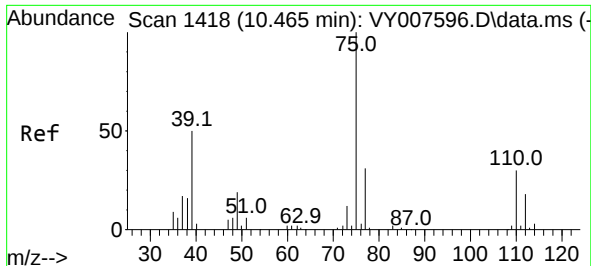
Tgt Ion: 43 Resp: 301874
Ion Ratio Lower Upper
43 100
58 40.5 28.1 42.1



#52
Toluene
Concen: 147.201 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 92 Resp: 217058
Ion Ratio Lower Upper
92 100
91 176.0 142.6 213.8

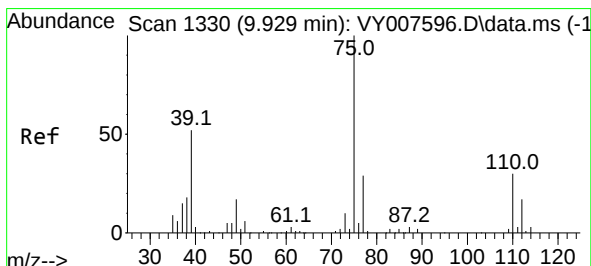
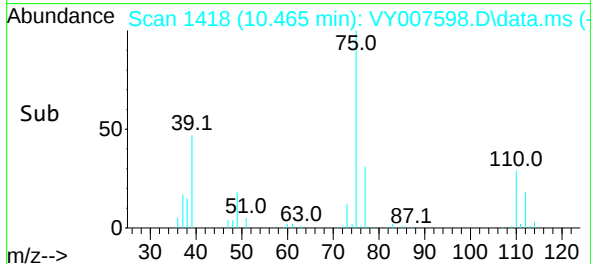
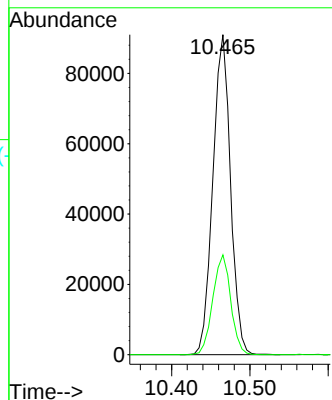
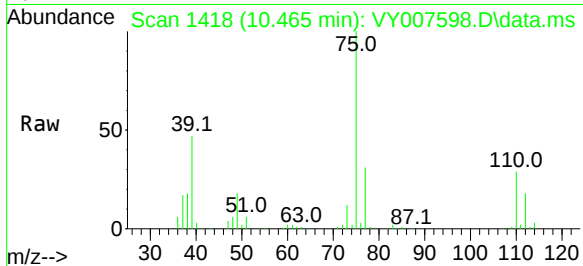




#53
t-1,3-Dichloropropene
Concen: 161.474 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

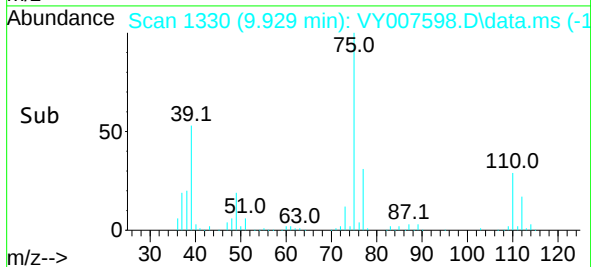
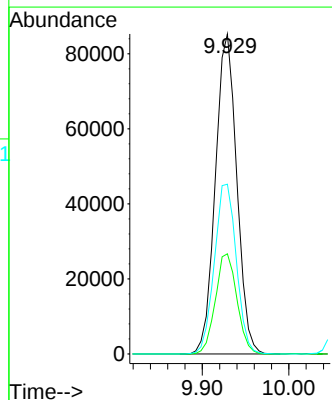
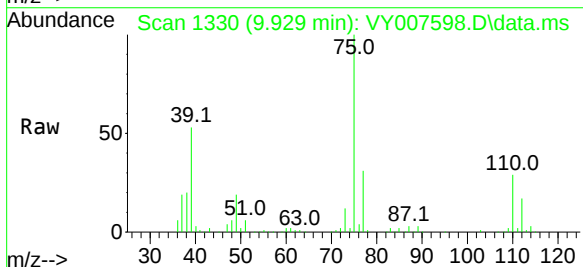
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

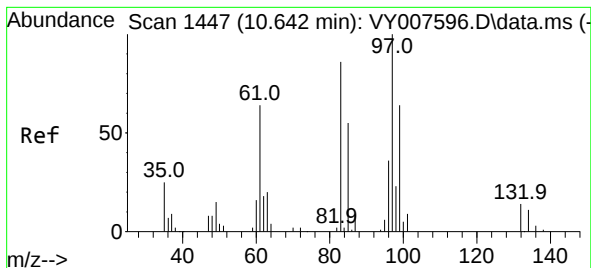
Tgt Ion: 75 Resp: 142501
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 156.866 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 75 Resp: 146268
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 53.1 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 169.065 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 80873

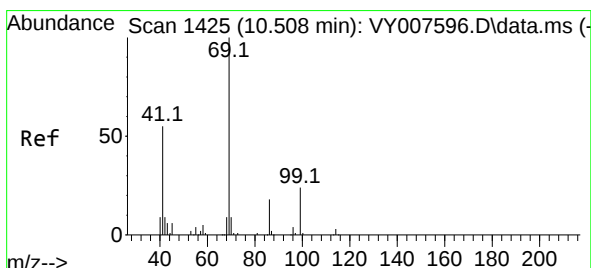
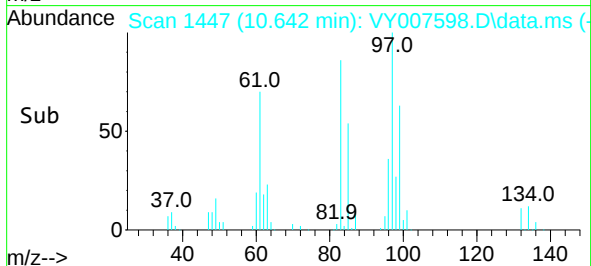
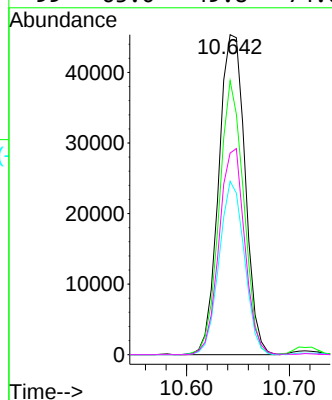
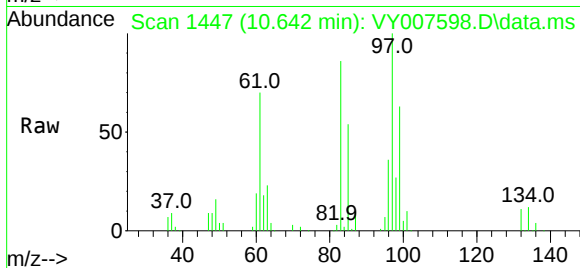
Ion Ratio Lower Upper

97 100

83 85.7 69.8 104.8

85 54.2 44.3 66.5

99 63.0 49.8 74.6



#56

Ethyl methacrylate

Concen: 171.034 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

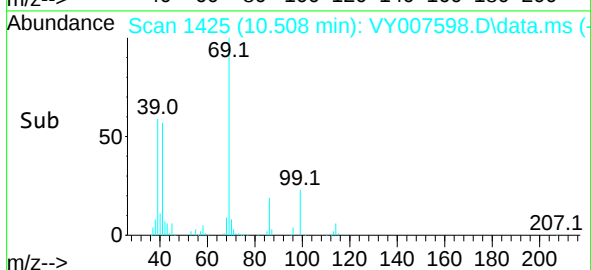
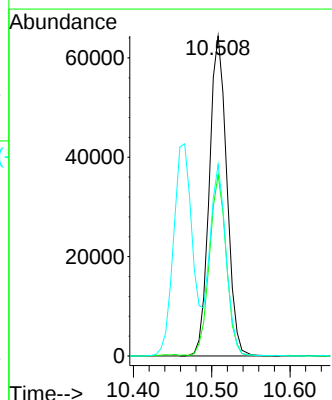
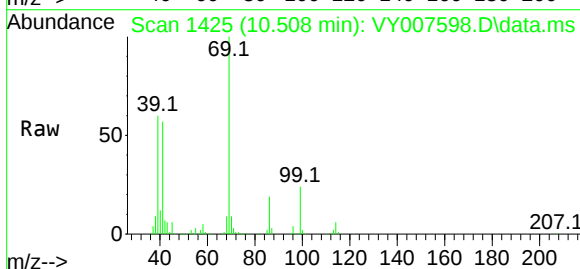
Tgt Ion: 69 Resp: 99662

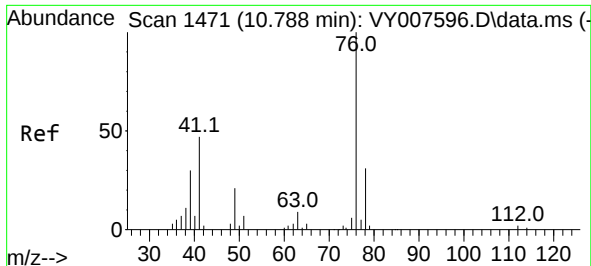
Ion Ratio Lower Upper

69 100

41 54.6 63.4 95.0#

39 53.6 35.8 53.8





#57

1,3-Dichloropropane

Concen: 164.592 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

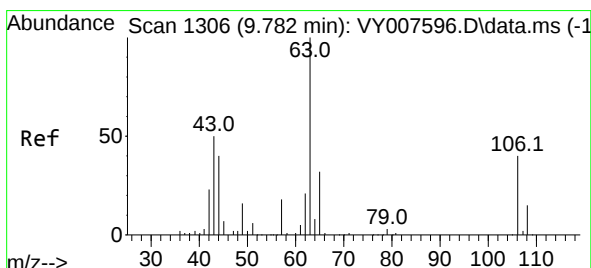
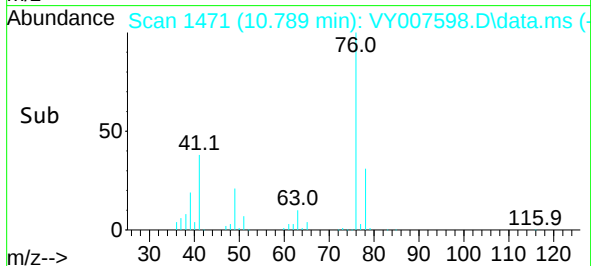
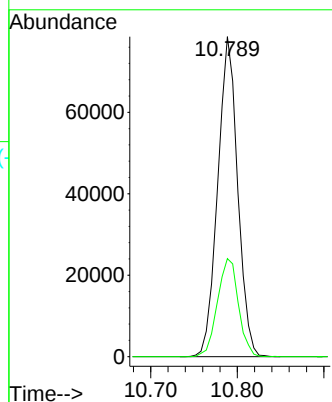
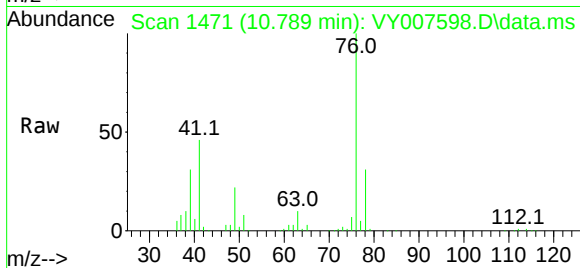
VSTDIC150

Tgt Ion: 76 Resp: 125577

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 942.513 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007598.D

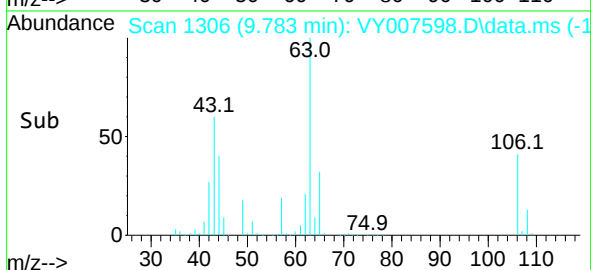
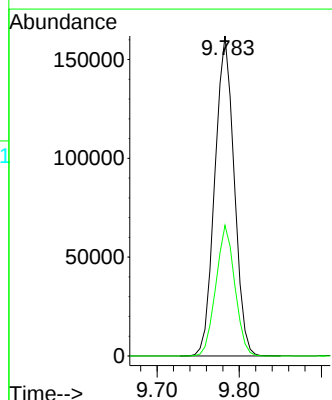
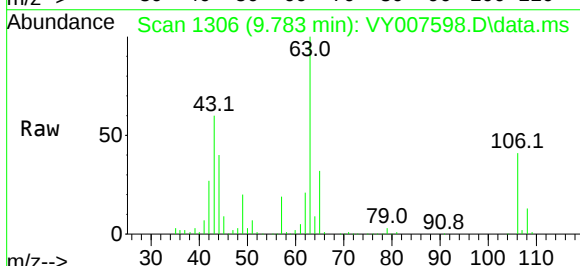
Acq: 23 Feb 2022 14:28

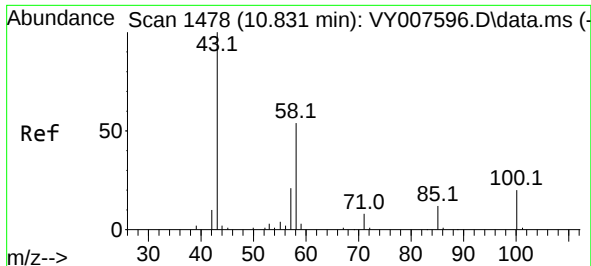
Tgt Ion: 63 Resp: 264608

Ion Ratio Lower Upper

63 100

106 40.0 21.5 32.3#

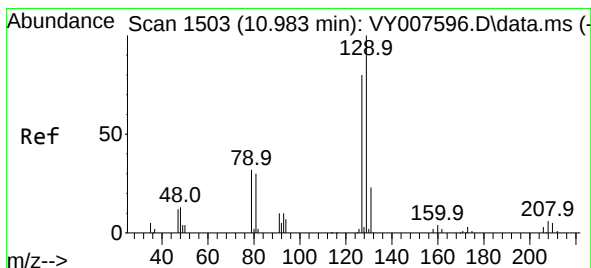
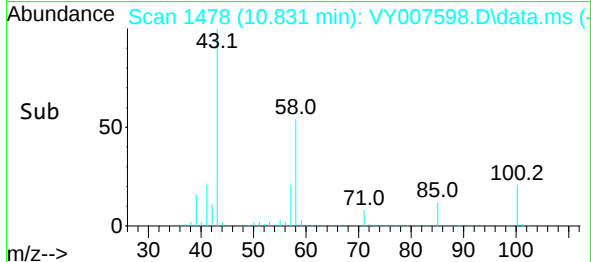
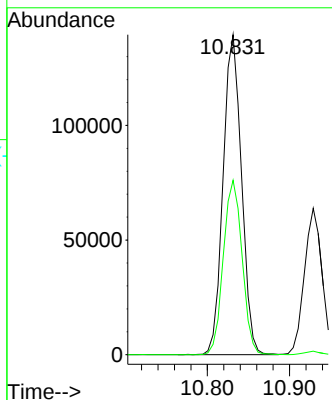
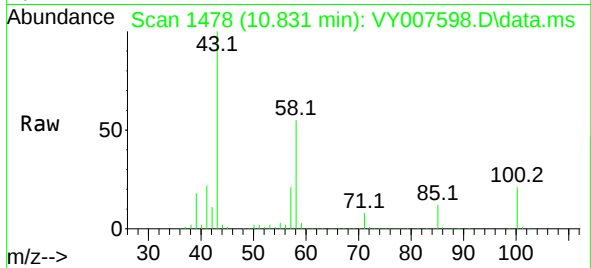




#59
2-Hexanone
Concen: 906.710 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

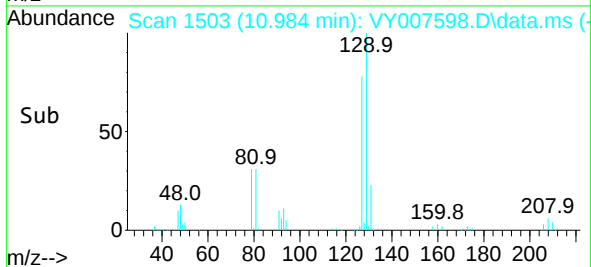
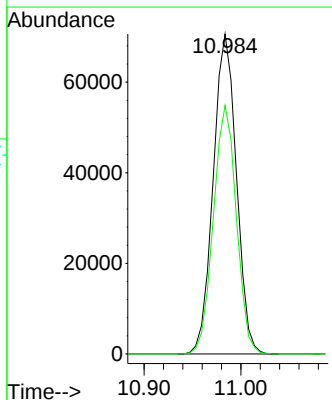
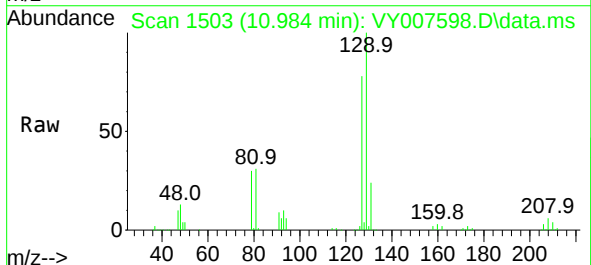
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

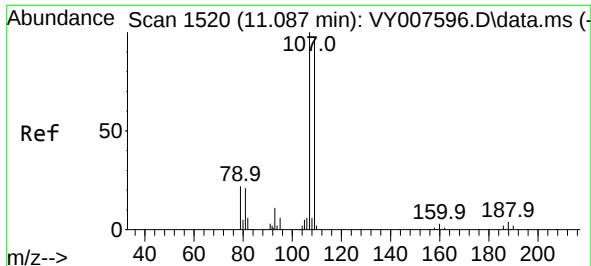
Tgt Ion: 43 Resp: 217362
Ion Ratio Lower Upper
43 100
58 55.5 24.4 73.4



#60
Dibromochloromethane
Concen: 179.191 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 129 Resp: 117525
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

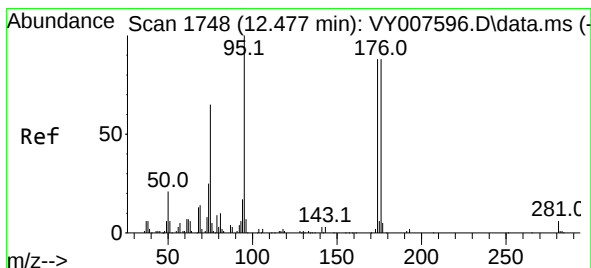
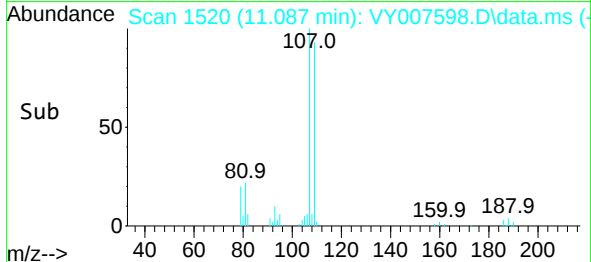
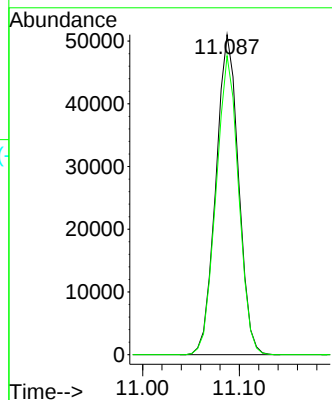
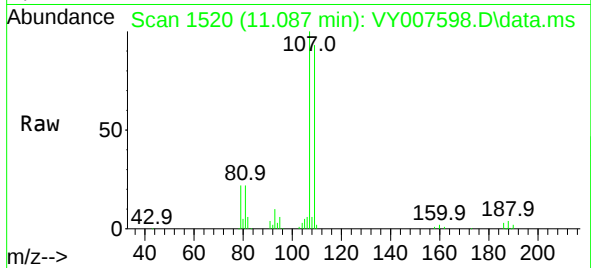




#61
1,2-Dibromoethane
Concen: 169.985 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

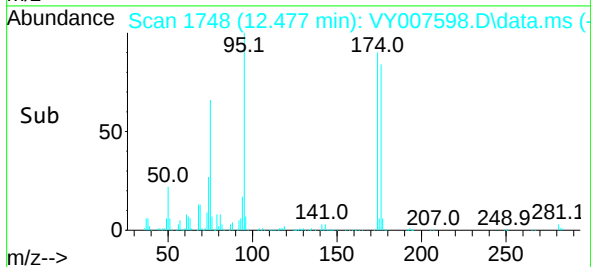
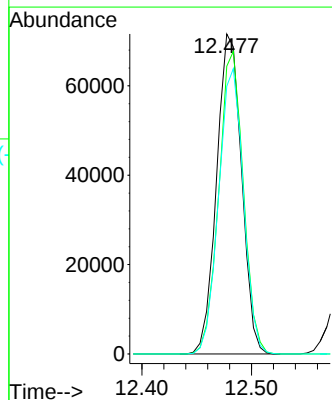
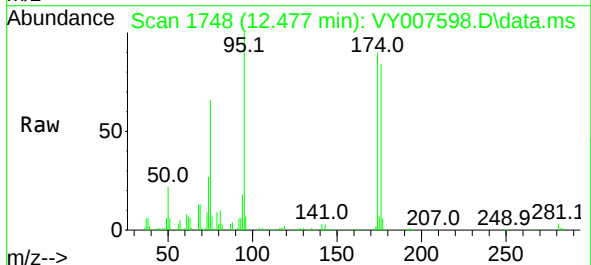
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

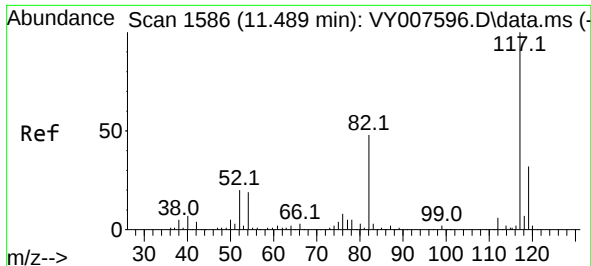
Tgt Ion:107 Resp: 82677
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 169.979 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 95 Resp: 112934
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 88.7 0.0 175.8

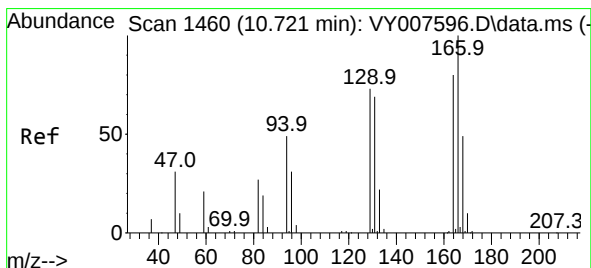
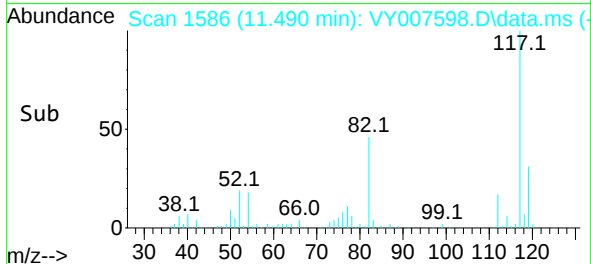
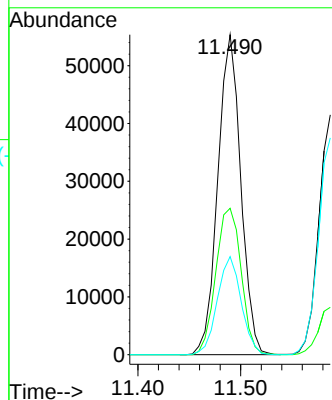
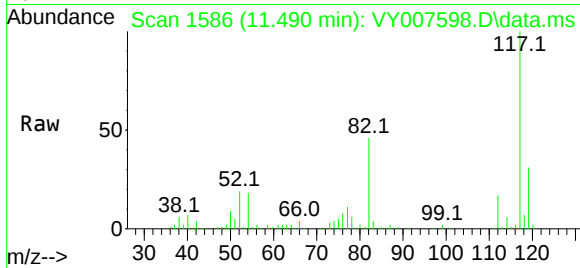




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

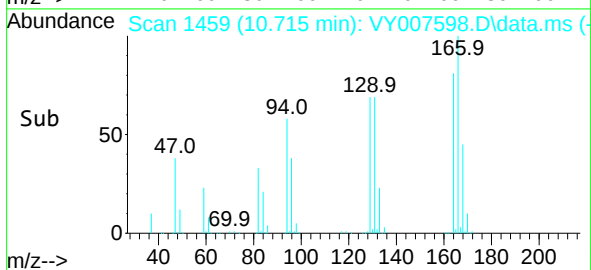
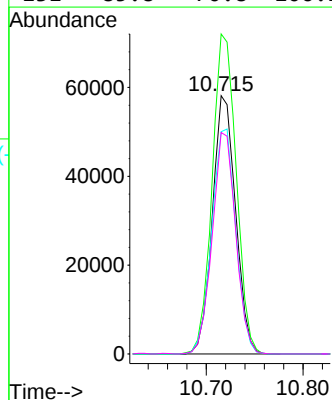
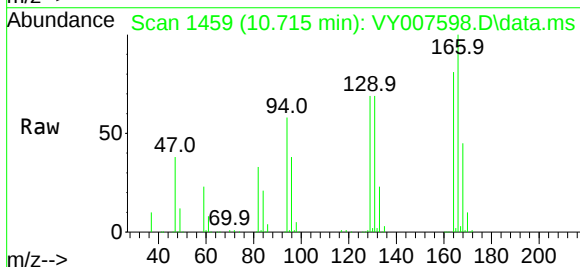
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

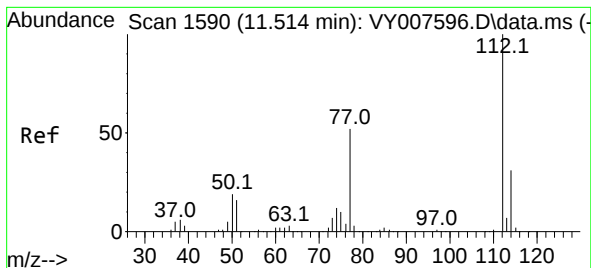
Tgt Ion:117 Resp: 85973
Ion Ratio Lower Upper
117 100
82 45.7 43.0 64.4
119 30.6 25.4 38.0



#64
Tetrachloroethene
Concen: 133.960 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion:164 Resp: 96861
Ion Ratio Lower Upper
164 100
166 123.9 100.4 150.6
129 86.1 71.4 107.0
131 85.8 70.8 106.2

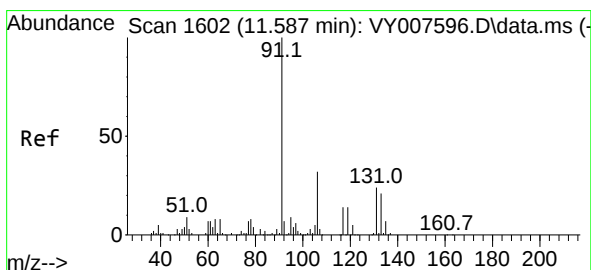
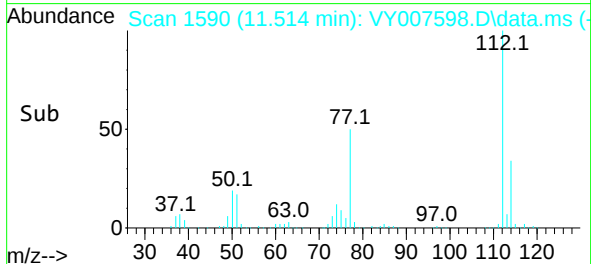
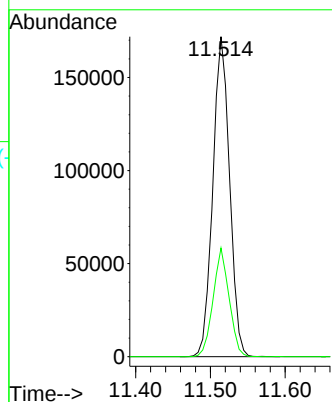
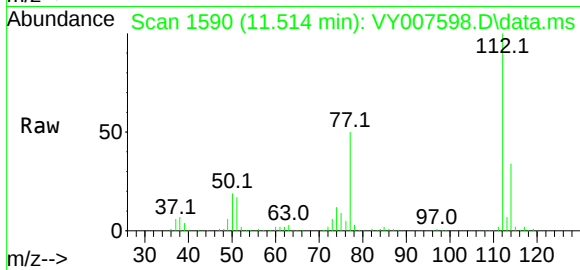




#65
Chlorobenzene
Concen: 146.663 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

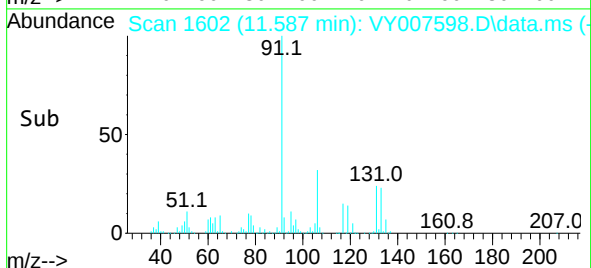
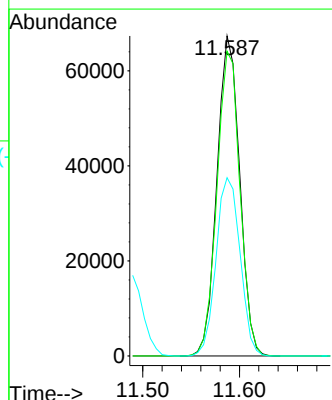
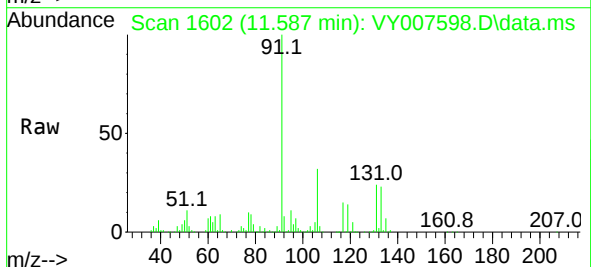
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

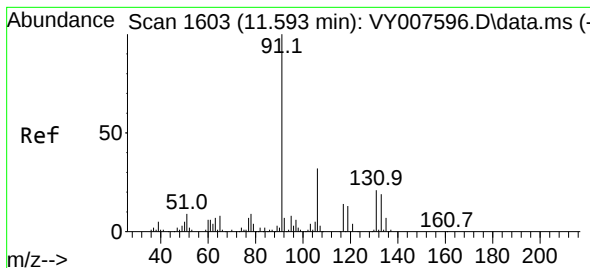
Tgt Ion:112 Resp: 268551
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 150.351 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion:131 Resp: 109699
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 58.9 30.8 92.3





#67

Ethyl Benzene

Concen: 139.735 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

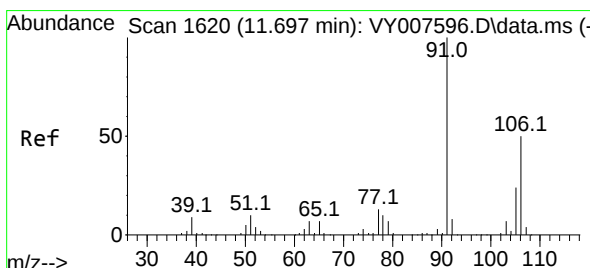
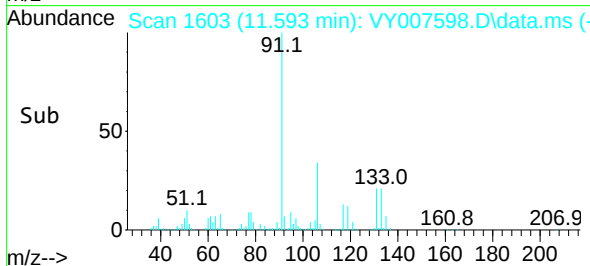
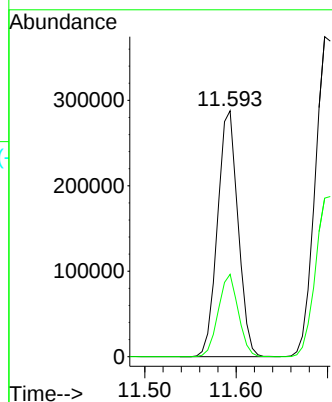
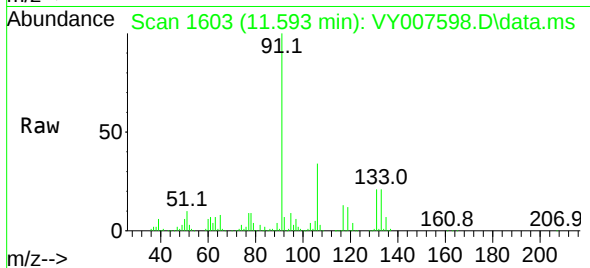
VSTDIC150

Tgt Ion: 91 Resp: 448320

Ion Ratio Lower Upper

91 100

106 33.5 24.5 36.7



#68

m/p-Xylenes

Concen: 282.025 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY007598.D

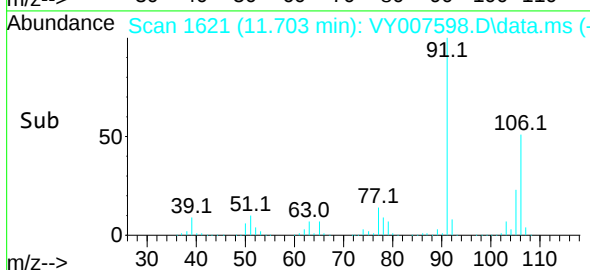
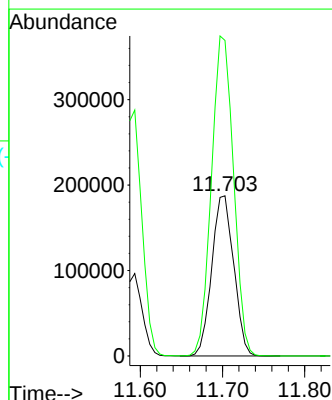
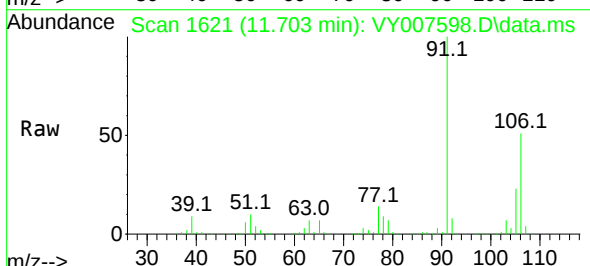
Acq: 23 Feb 2022 14:28

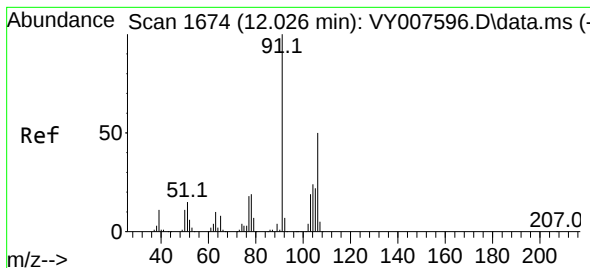
Tgt Ion:106 Resp: 348444

Ion Ratio Lower Upper

106 100

91 200.6 166.6 249.8





#69

o-Xylene

Concen: 142.214 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

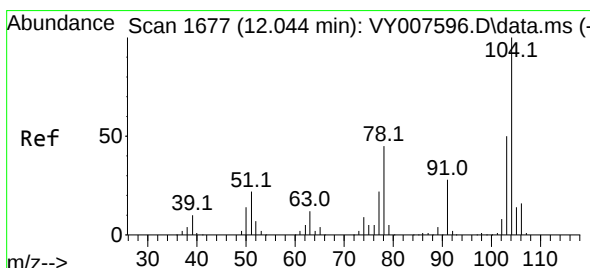
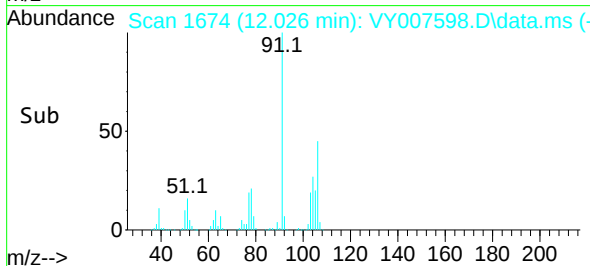
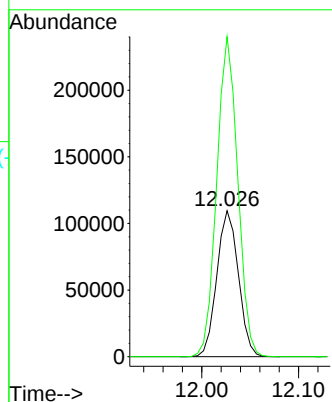
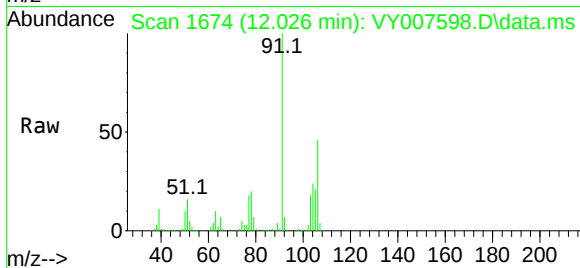
VSTDIC150

Tgt Ion:106 Resp: 169146

Ion Ratio Lower Upper

106 100

91 213.5 110.3 331.0



#70

Styrene

Concen: 144.659 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

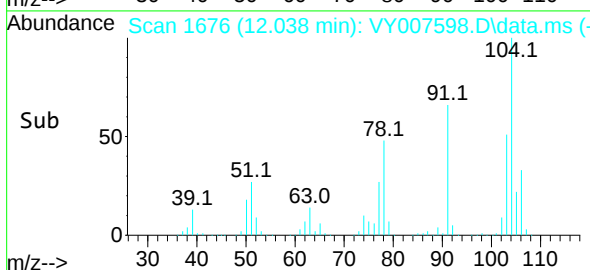
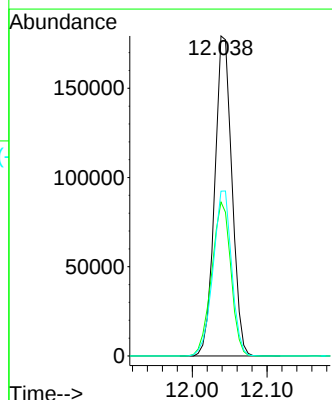
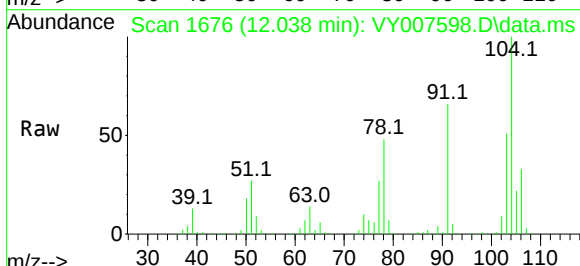
Tgt Ion:104 Resp: 286518

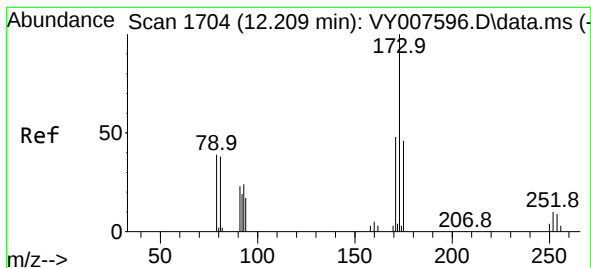
Ion Ratio Lower Upper

104 100

78 53.6 42.4 63.6

103 55.7 44.4 66.6





#71

Bromoform

Concen: 161.541 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

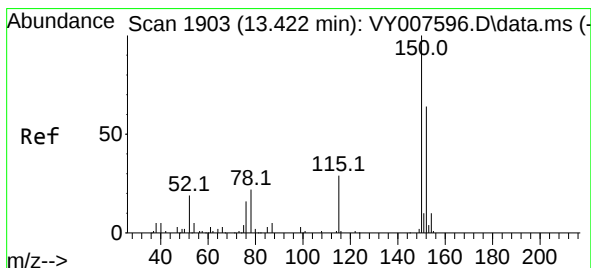
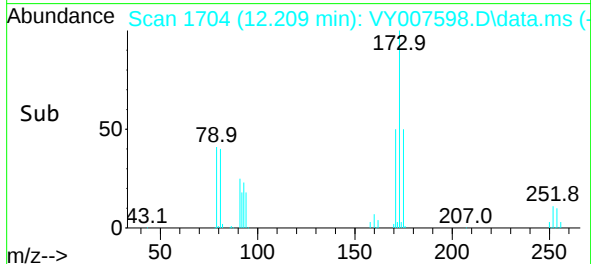
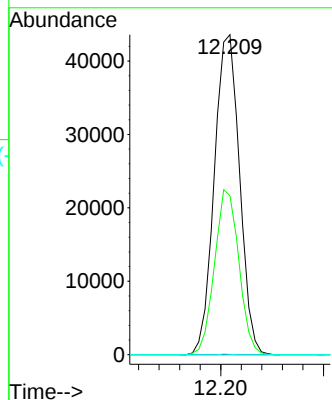
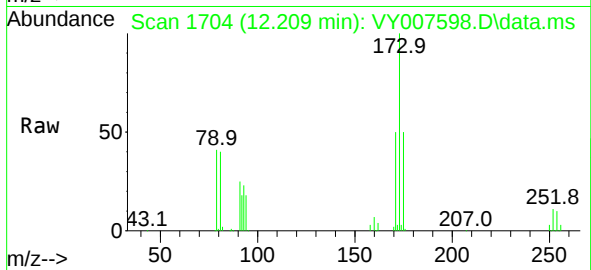
Tgt Ion:173 Resp: 74311

Ion Ratio Lower Upper

173 100

175 49.7 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

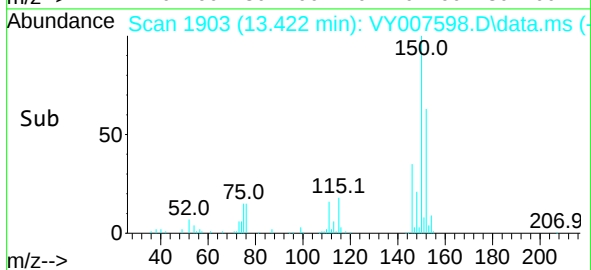
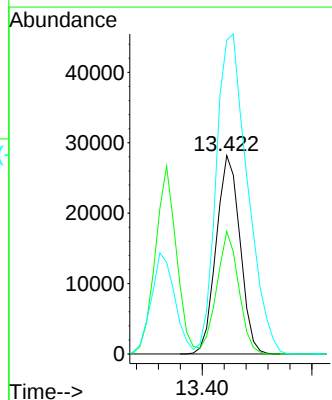
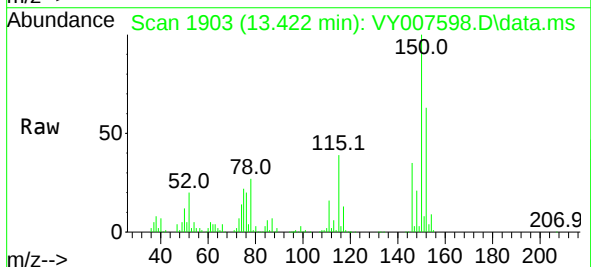
Tgt Ion:152 Resp: 42605

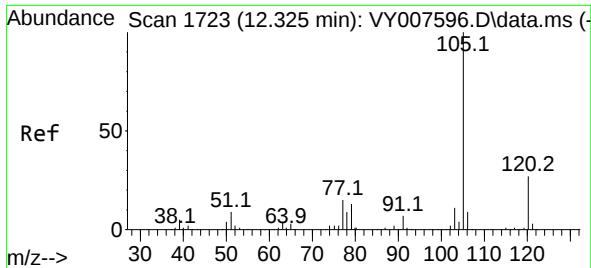
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 211.6 0.0 347.6

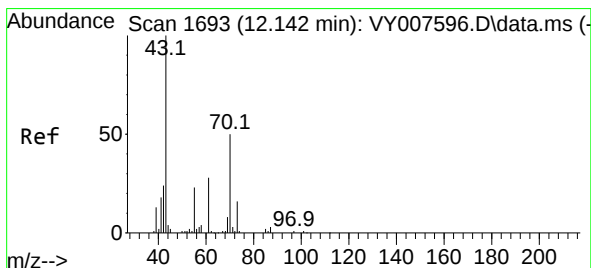
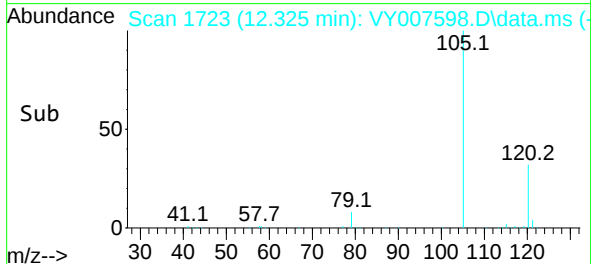
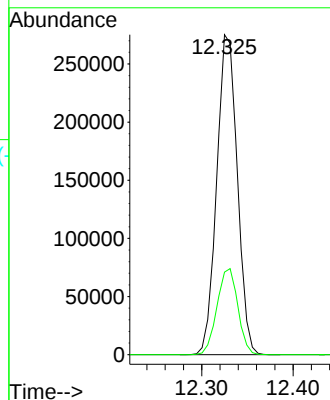
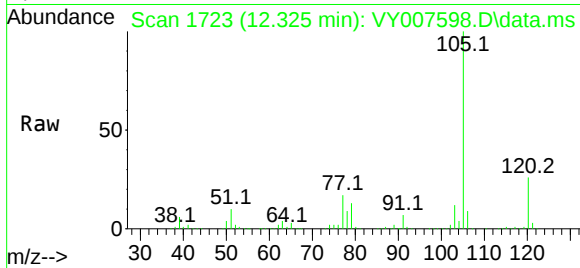




#73
Isopropylbenzene
Concen: 127.503 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

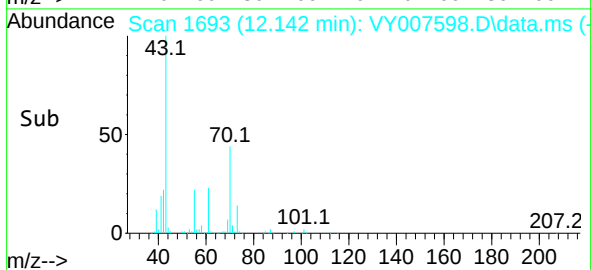
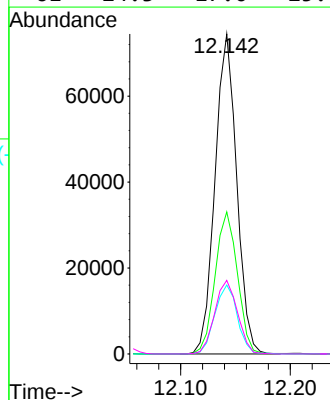
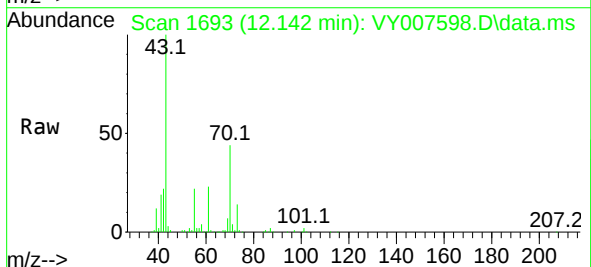
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

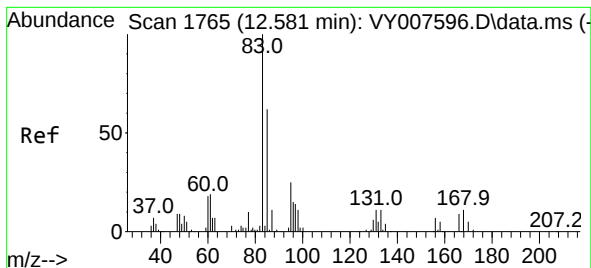
Tgt Ion:105 Resp: 430736
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 160.337 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 43 Resp: 102278
Ion Ratio Lower Upper
43 100
70 45.7 28.7 43.1#
55 22.5 17.3 25.9
61 24.3 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 154.324 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

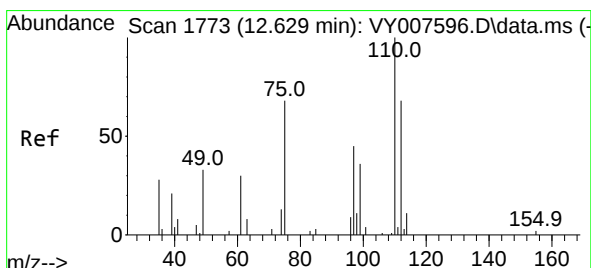
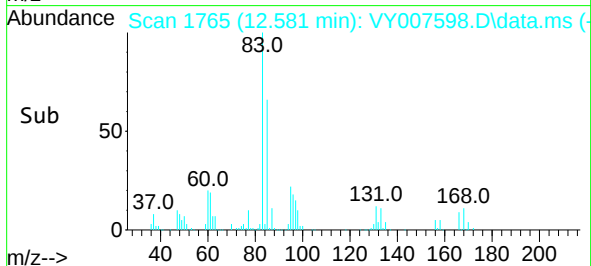
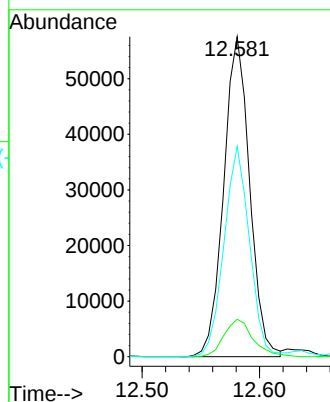
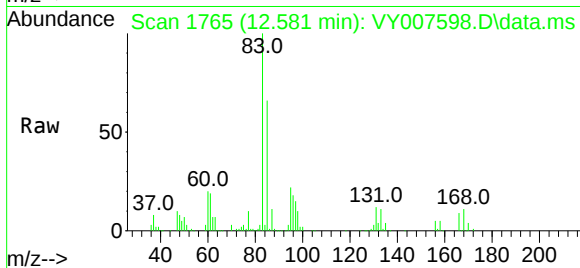
Tgt Ion: 83 Resp: 88315

Ion Ratio Lower Upper

83 100

131 13.1 5.6 16.8

85 64.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 260.371 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY007598.D

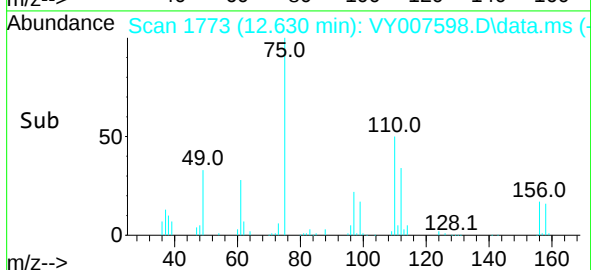
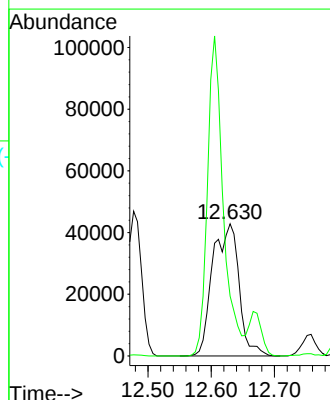
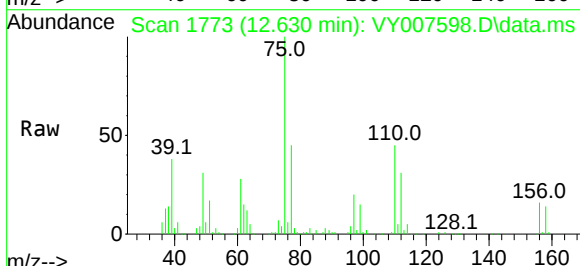
Acq: 23 Feb 2022 14:28

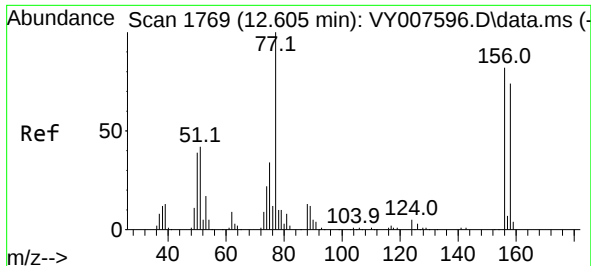
Tgt Ion: 75 Resp: 124082

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

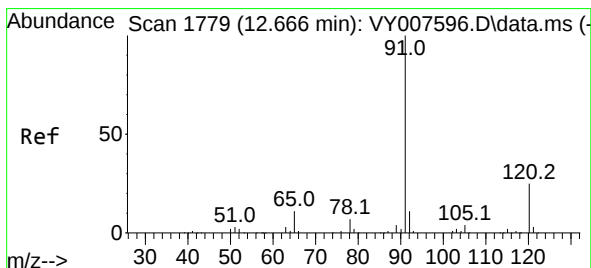
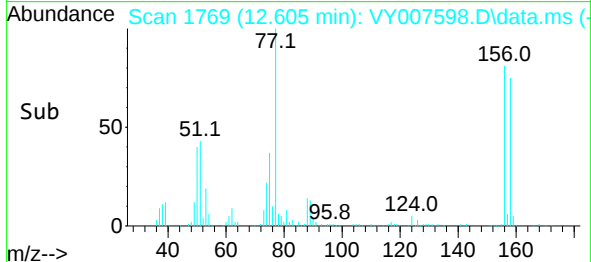
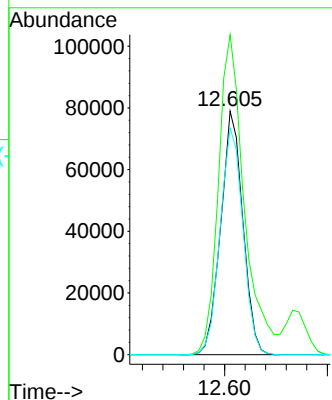
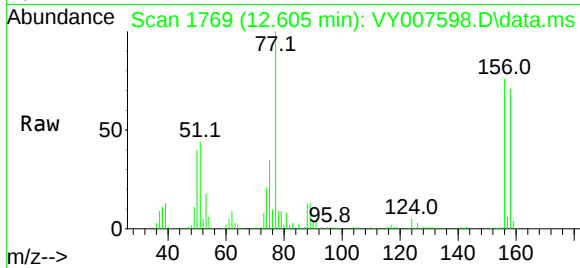




#77
Bromobenzene
Concen: 145.780 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

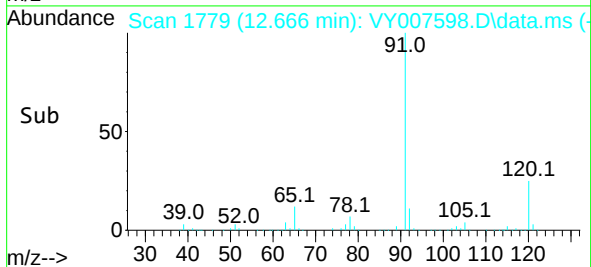
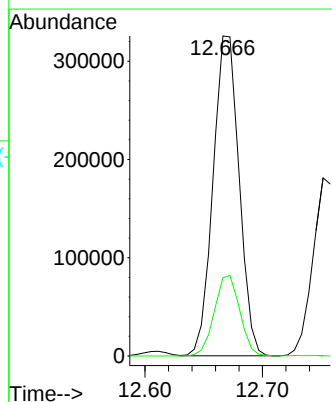
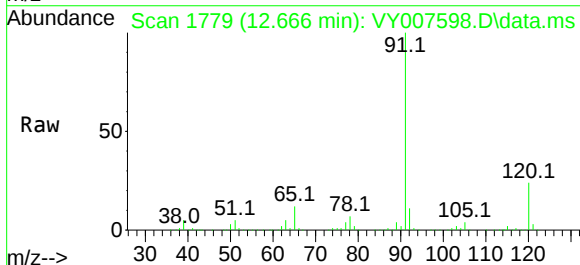
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

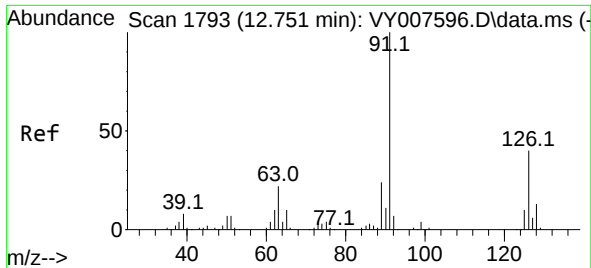
Tgt Ion:156 Resp: 117804
Ion Ratio Lower Upper
156 100
77 152.4 95.5 286.4
158 96.0 48.0 144.0



#78
n-propylbenzene
Concen: 127.160 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 91 Resp: 500923
Ion Ratio Lower Upper
91 100
120 24.6 11.3 33.9

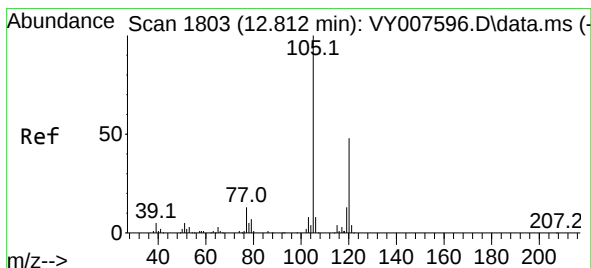
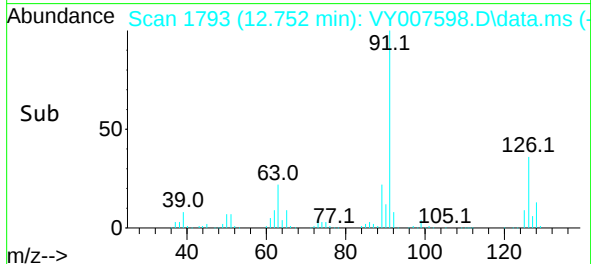
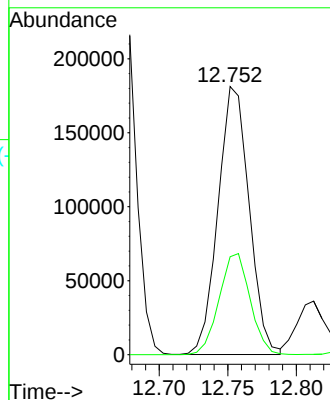
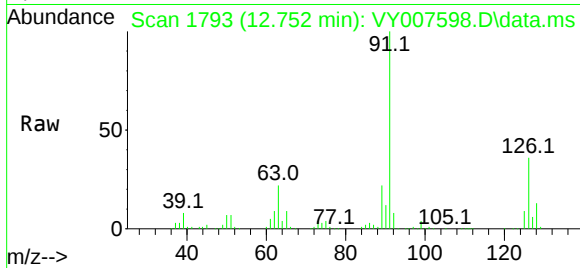




#79
2-Chlorotoluene
Concen: 130.858 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

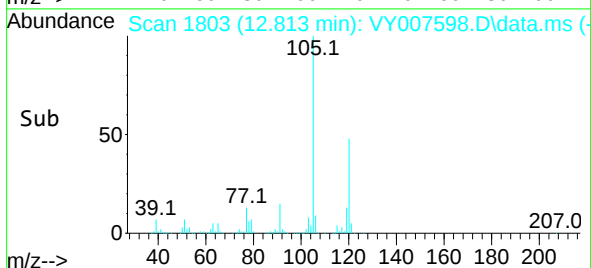
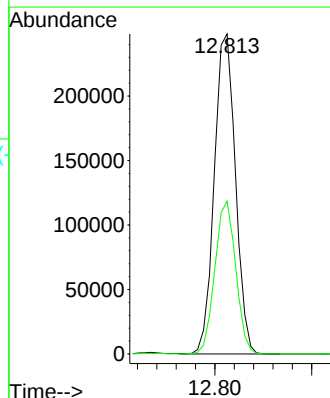
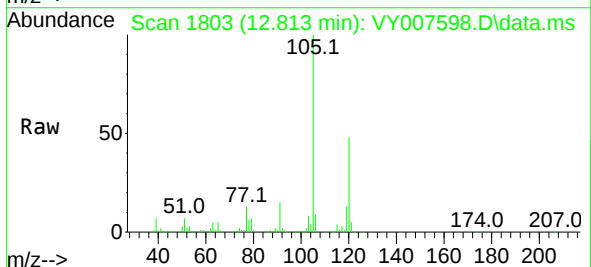
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

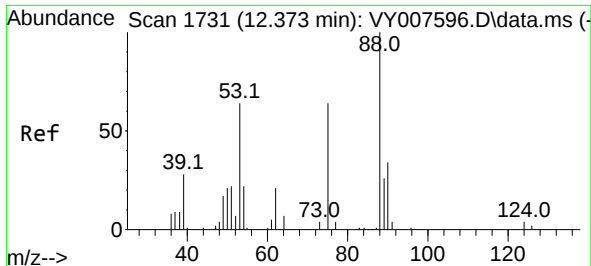
Tgt Ion: 91 Resp: 286775
Ion Ratio Lower Upper
91 100
126 37.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 132.691 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 105 Resp: 376513
Ion Ratio Lower Upper
105 100
120 47.1 24.4 73.4

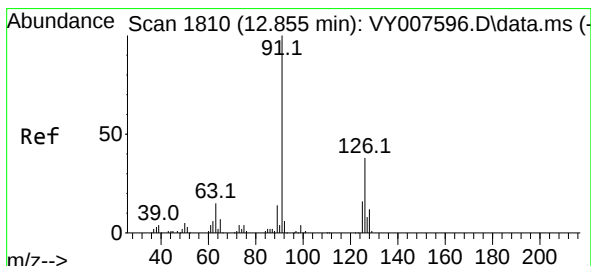
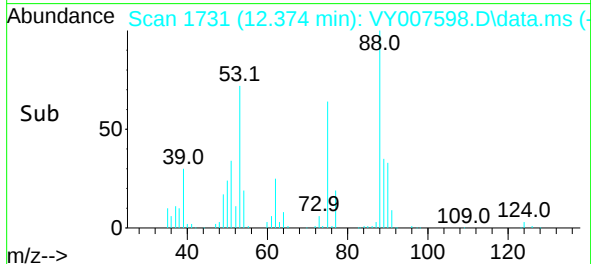
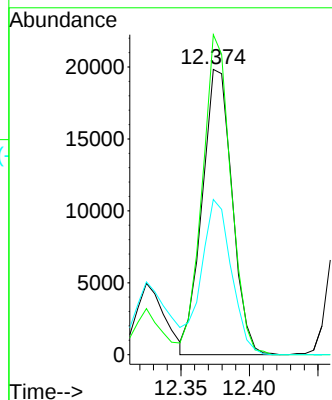
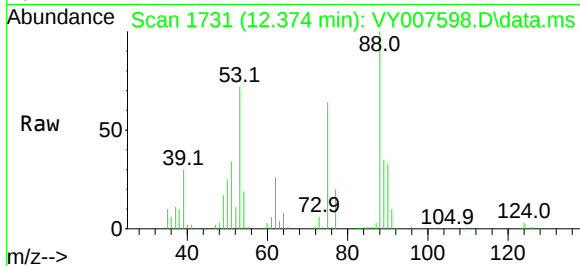




#81
trans-1,4-Dichloro-2-butene
Concen: 152.133 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

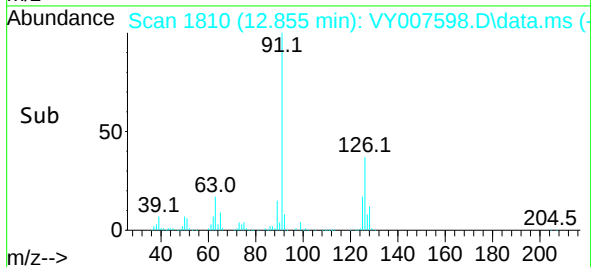
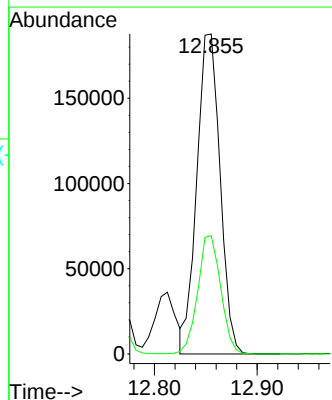
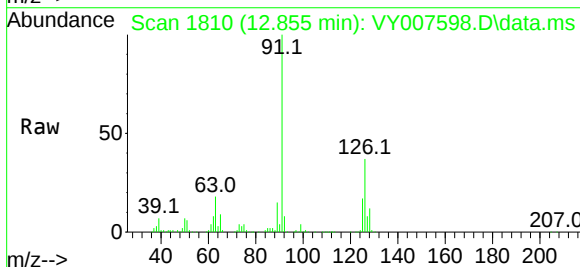
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

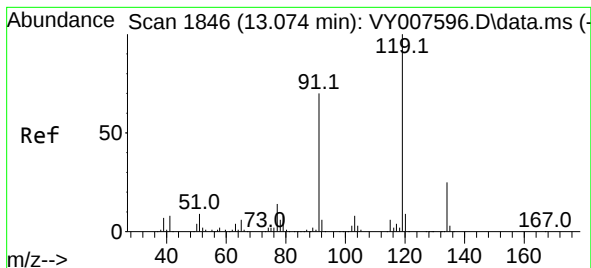
Tgt Ion: 75 Resp: 30266
Ion Ratio Lower Upper
75 100
53 106.3 85.3 127.9
89 54.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 132.176 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 91 Resp: 295542
Ion Ratio Lower Upper
91 100
126 36.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 132.420 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

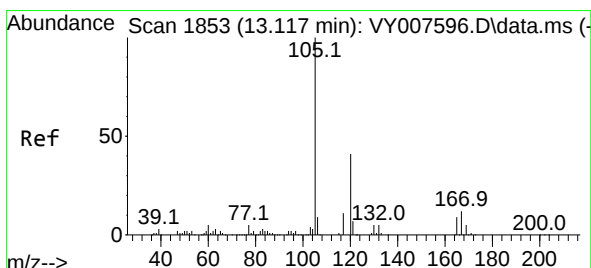
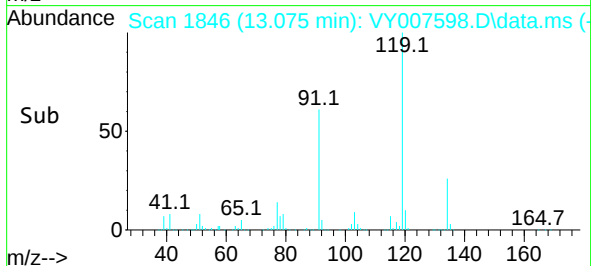
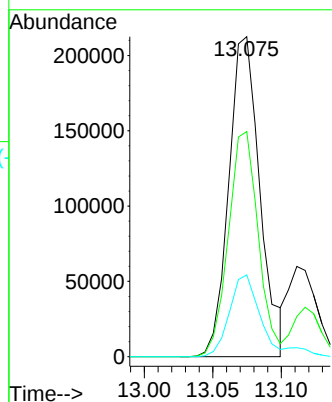
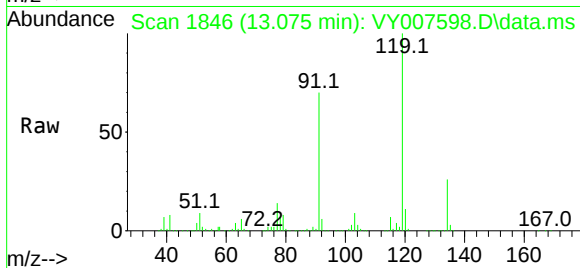
Tgt Ion:119 Resp: 336461

Ion Ratio Lower Upper

119 100

91 67.6 34.8 104.4

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 136.614 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007598.D

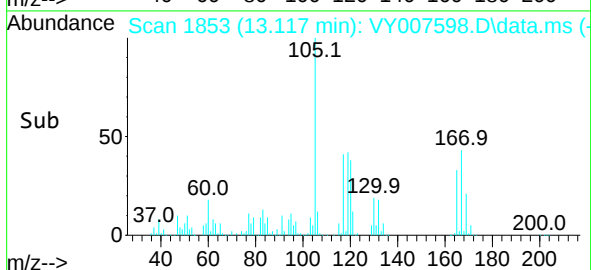
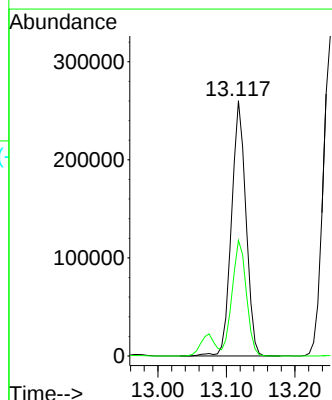
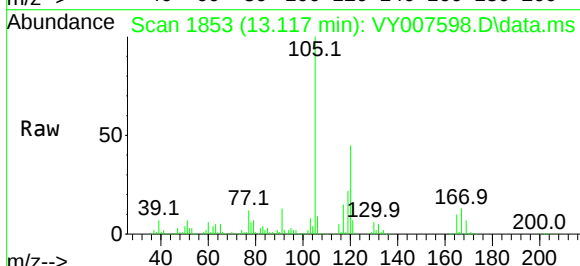
Acq: 23 Feb 2022 14:28

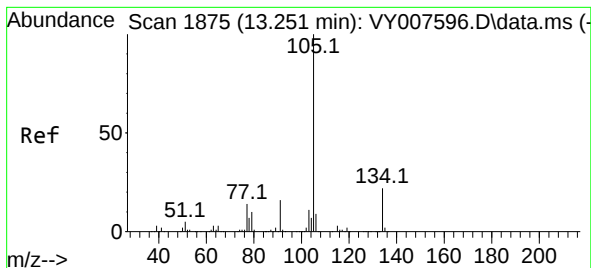
Tgt Ion:105 Resp: 380209

Ion Ratio Lower Upper

105 100

120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 128.160 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

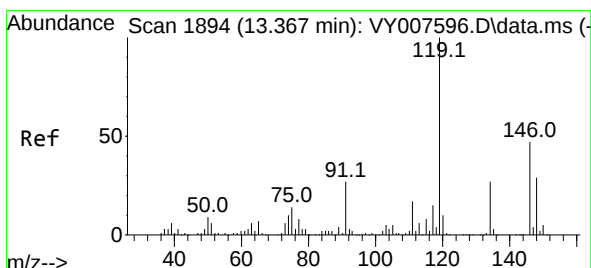
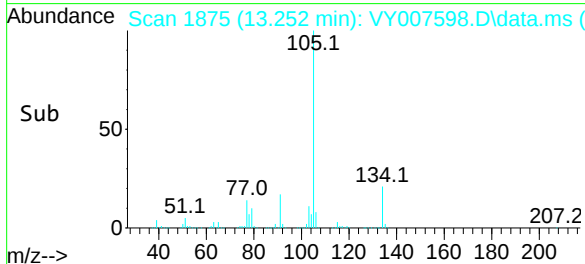
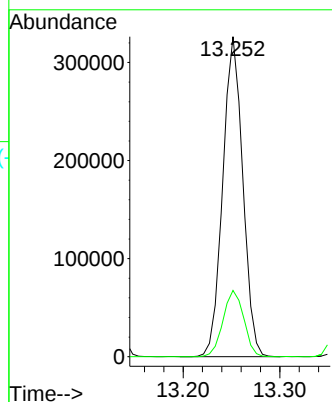
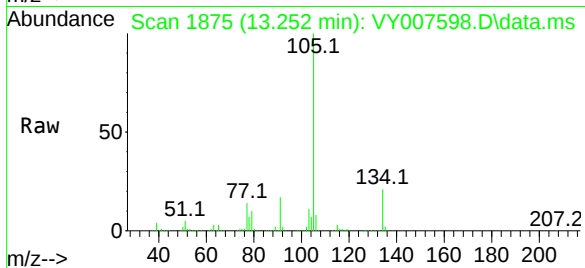
VSTDIC150

Tgt Ion:105 Resp: 468594

Ion Ratio Lower Upper

105 100

134 21.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 128.145 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

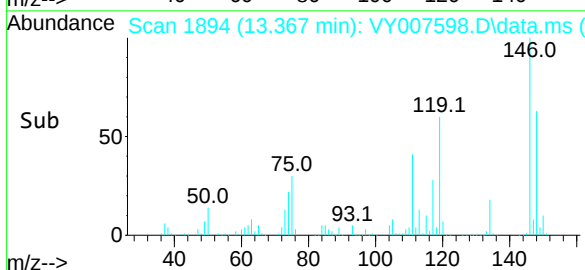
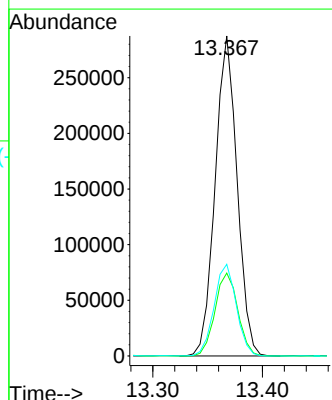
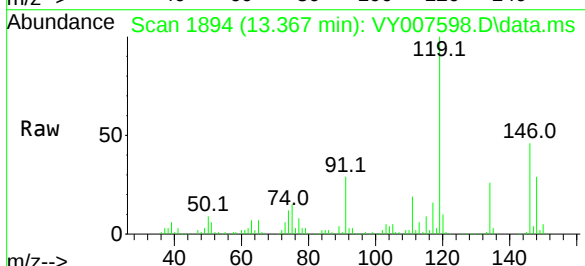
Tgt Ion:119 Resp: 399086

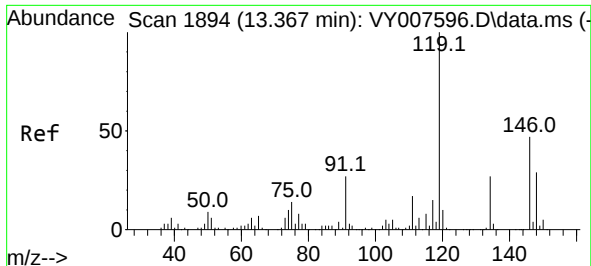
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 29.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 139.254 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

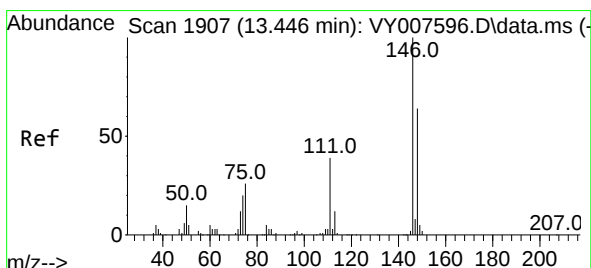
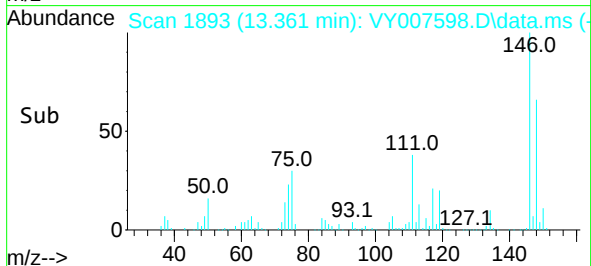
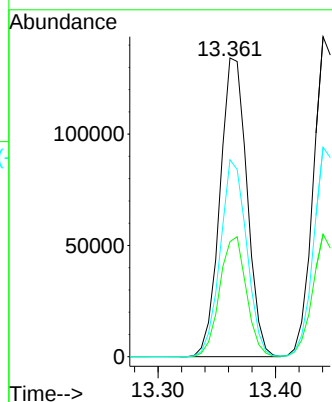
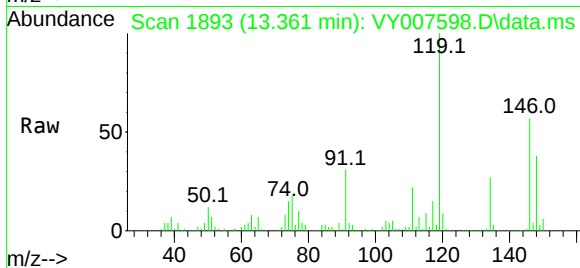
Tgt Ion:146 Resp: 214274

Ion Ratio Lower Upper

146 100

111 39.6 19.5 58.5

148 64.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 145.402 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

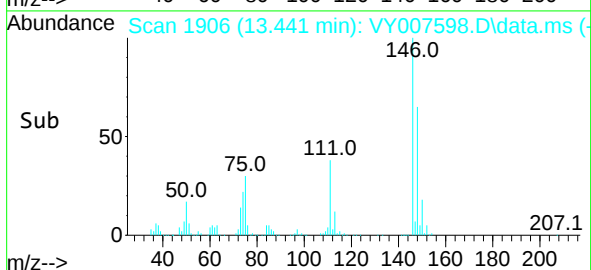
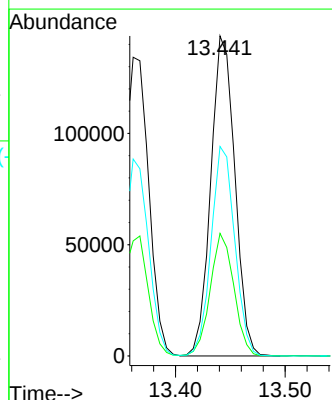
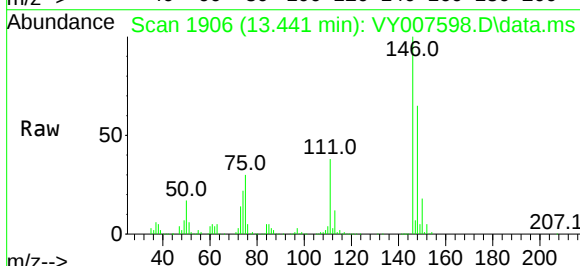
Tgt Ion:146 Resp: 220015

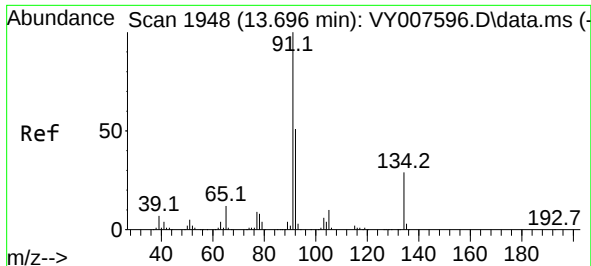
Ion Ratio Lower Upper

146 100

111 37.6 19.3 57.8

148 64.2 32.6 97.8

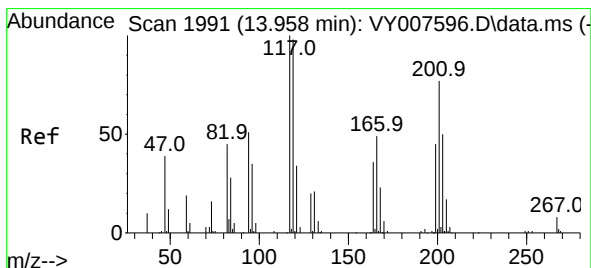
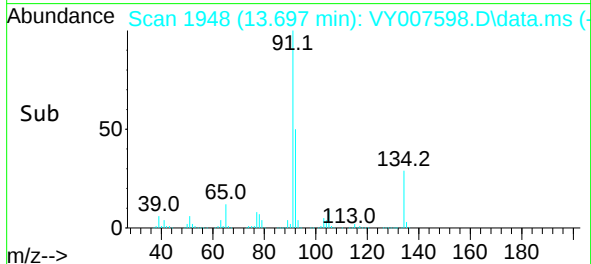
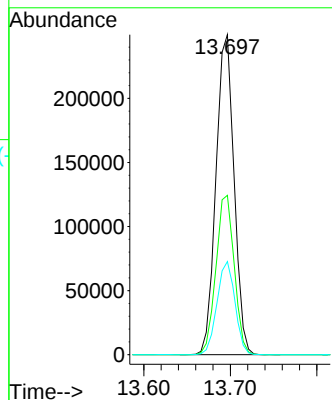
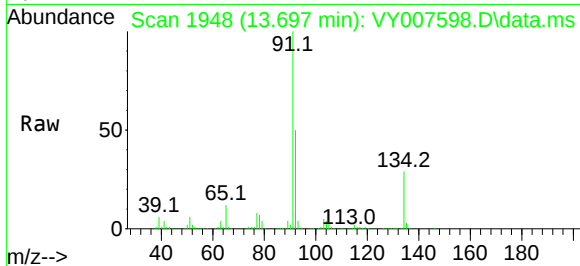




#89
n-Butylbenzene
Concen: 128.113 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

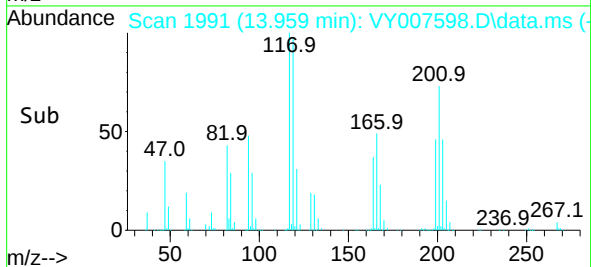
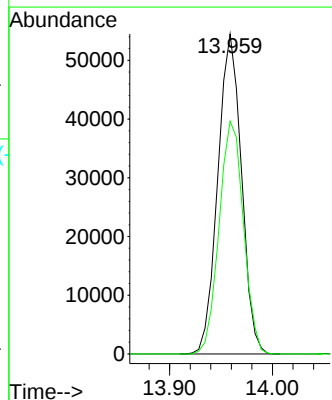
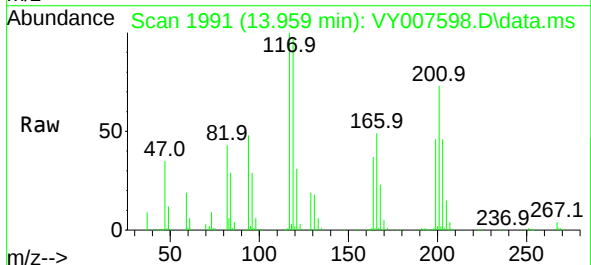
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

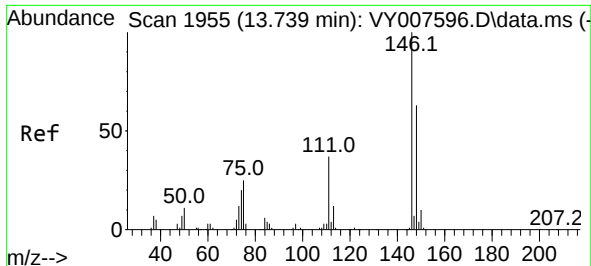
Tgt Ion: 91 Resp: 362150
Ion Ratio Lower Upper
91 100
92 50.4 26.3 78.9
134 29.0 13.0 38.9



#90
Hexachloroethane
Concen: 140.185 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion: 117 Resp: 86831
Ion Ratio Lower Upper
117 100
201 74.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 147.387 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

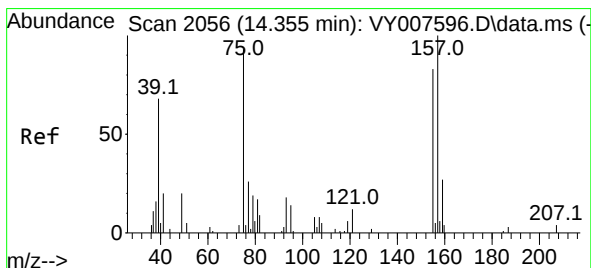
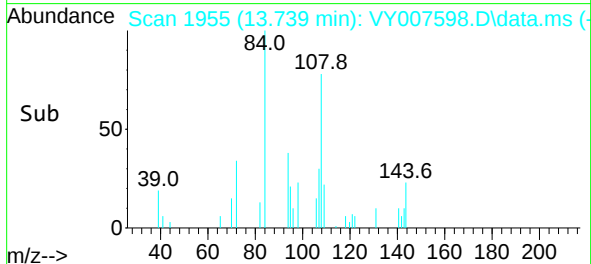
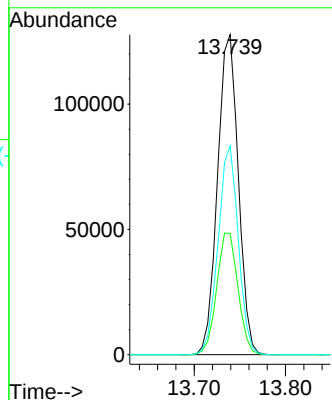
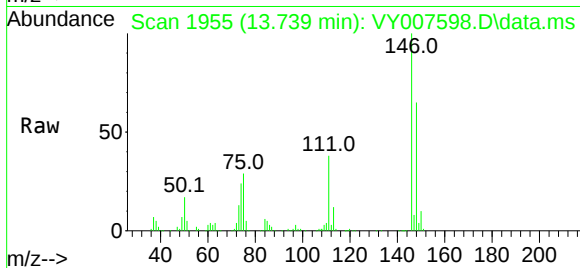
Tgt Ion:146 Resp: 201991

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.9

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 178.095 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

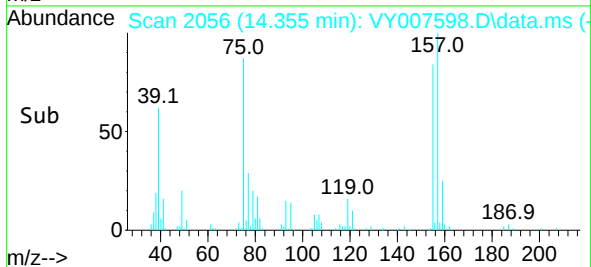
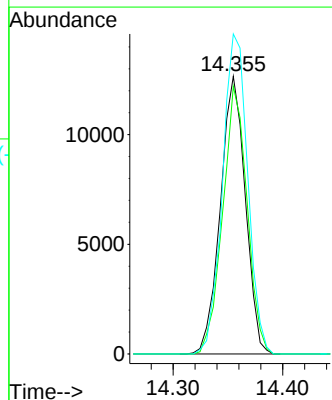
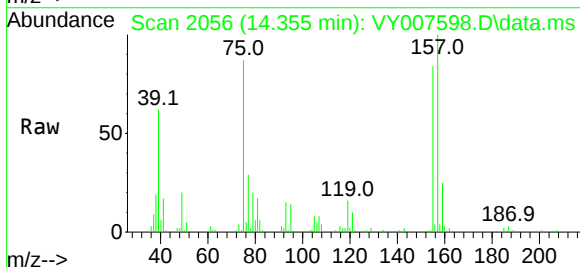
Tgt Ion: 75 Resp: 19939

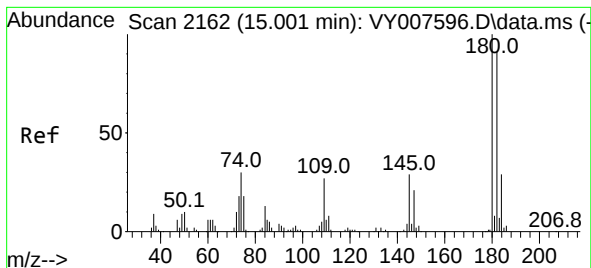
Ion Ratio Lower Upper

75 100

155 94.5 38.0 113.9

157 117.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 154.448 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

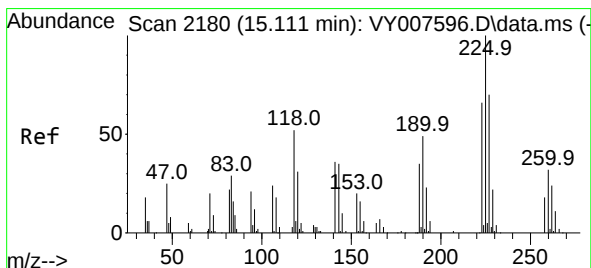
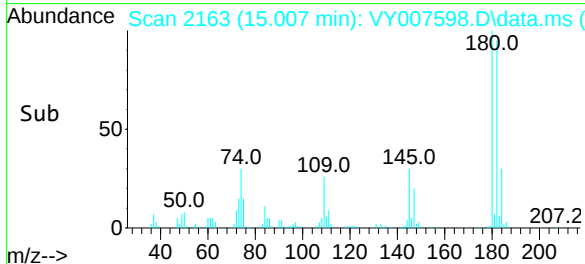
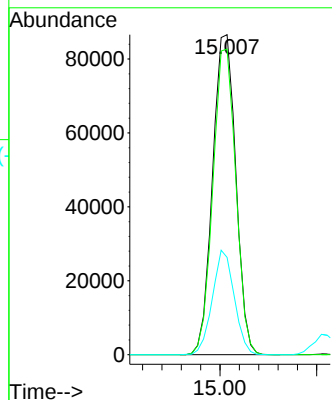
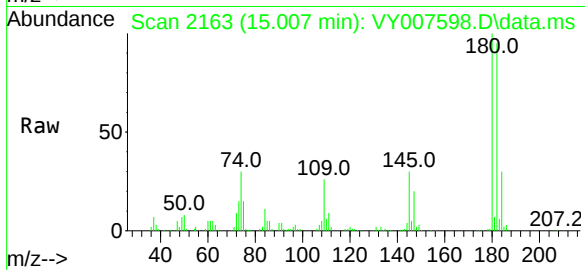
Tgt Ion:180 Resp: 144082

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 30.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 136.221 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007598.D

Acq: 23 Feb 2022 14:28

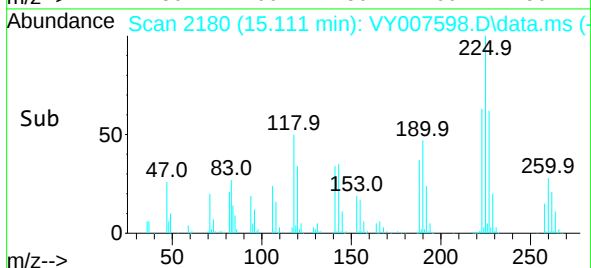
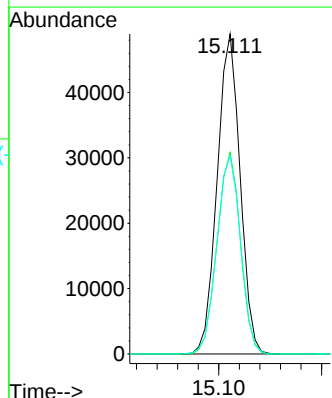
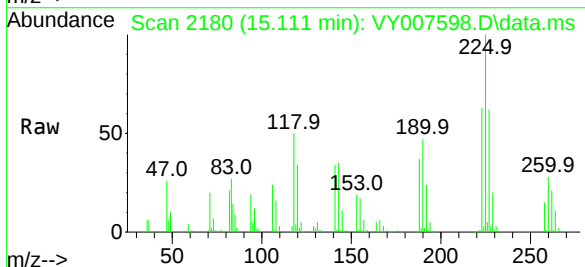
Tgt Ion:225 Resp: 75695

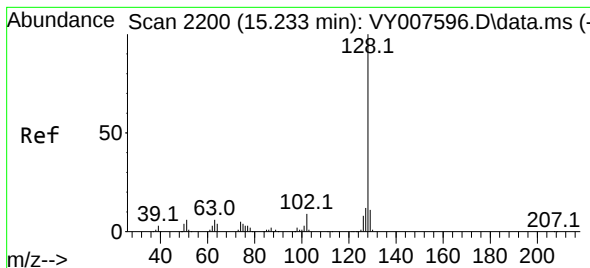
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 64.2 31.6 94.7

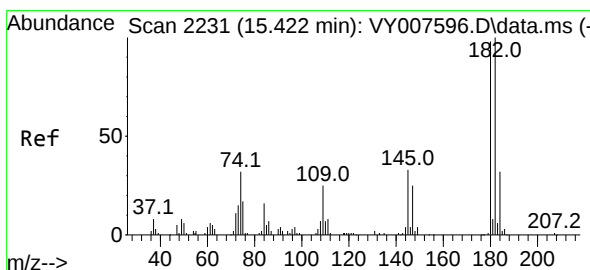
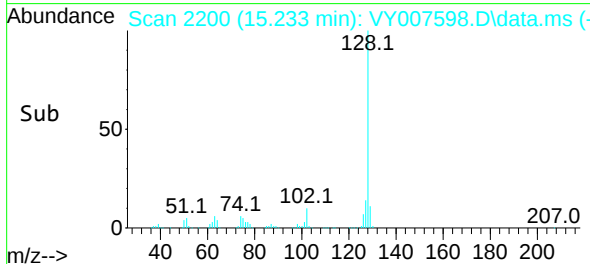
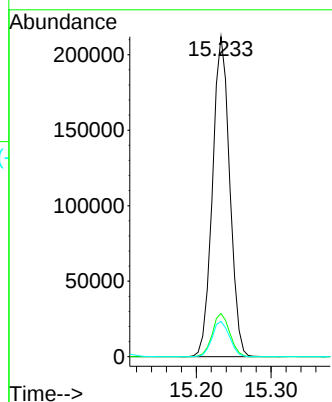
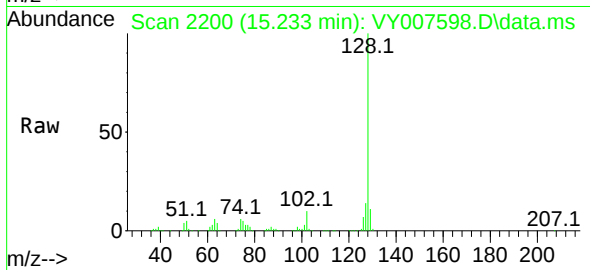




#95
Naphthalene
Concen: 176.932 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 339157
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 162.624 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007598.D
Acq: 23 Feb 2022 14:28

Tgt Ion:180 Resp: 130977
Ion Ratio Lower Upper
180 100
182 93.0 47.3 141.9
145 32.5 15.3 45.9

