

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007563.D
 Acq On : 21 Feb 2022 12:09
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 21 14:19:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 14:18:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	125920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12604	9.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.500%#
35) Dibromofluoromethane	7.722	113	12196	9.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.700%#
50) Toluene-d8	10.178	98	44049	9.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	19.080%#
62) 4-Bromofluorobenzene	12.483	95	16385	10.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17682	12.656	ug/l	99
3) Chloromethane	2.113	50	14240	10.455	ug/l	96
4) Vinyl Chloride	2.253	62	15034	10.758	ug/l	95
5) Bromomethane	2.649	94	11626	11.885	ug/l	95
6) Chloroethane	2.802	64	9470	11.254	ug/l	100
7) Trichlorofluoromethane	3.131	101	31645	11.779	ug/l	93
8) Diethyl Ether	3.527	74	7641	10.083	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.905	101	15114	10.450	ug/l	97
10) Methyl Iodide	4.100	142	17077	9.514	ug/l	97
11) Tert butyl alcohol	4.954	59	5561	51.450	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	14047	10.514	ug/l #	77
13) Acrolein	3.741	56	4962	47.371	ug/l	96
14) Allyl chloride	4.484	41	15401	8.519	ug/l #	80
15) Acrylonitrile	5.173	53	14568	44.627	ug/l	96
16) Acetone	3.954	43	14234	41.032	ug/l	99
17) Carbon Disulfide	4.198	76	38067	10.030	ug/l	99
18) Methyl Acetate	4.478	43	6454	8.514	ug/l #	74
19) Methyl tert-butyl Ether	5.222	73	38252	10.297	ug/l #	89
20) Methylene Chloride	4.716	84	16140	10.906	ug/l #	67
21) trans-1,2-Dichloroethene	5.222	96	14590	10.095	ug/l #	76
22) Diisopropyl ether	6.118	45	32579	8.618	ug/l #	87
23) Vinyl Acetate	6.063	43	103067	42.353	ug/l #	83
24) 1,1-Dichloroethane	6.027	63	23413	9.661	ug/l #	94
25) 2-Butanone	6.990	43	17103	39.842	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	25279	10.250	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	16599	10.244	ug/l	85
28) Bromochloromethane	7.337	49	7631	8.425	ug/l #	51
29) Tetrahydrofuran	7.344	42	10167	39.988	ug/l #	63
30) Chloroform	7.508	83	27866	10.427	ug/l	94
31) Cyclohexane	7.782	56	21577	9.286	ug/l #	76
32) 1,1,1-Trichloroethane	7.709	97	29012	11.369	ug/l	94
36) 1,1-Dichloropropene	7.923	75	20812	10.669	ug/l	97
37) Ethyl Acetate	7.081	43	7593	8.741	ug/l #	79
38) Carbon Tetrachloride	7.904	117	26741	11.753	ug/l	97
39) Methylcyclohexane	9.185	83	25132	9.984	ug/l #	81
40) Benzene	8.167	78	53864	10.098	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	10701	19.349	ug/l #	26
42) 1,2-Dichloroethane	8.246	62	18005	10.832	ug/l	97
43) Isopropyl Acetate	8.276	43	15709	8.860	ug/l #	82
44) Trichloroethene	8.941	130	17460	11.287	ug/l	89
45) 1,2-Dichloropropane	9.221	63	12023	9.526	ug/l	92
46) Dibromomethane	9.307	93	8471	10.445	ug/l	95
47) Bromodichloromethane	9.502	83	20805	10.630	ug/l	97
48) Methyl methacrylate	9.294	41	7020	8.985	ug/l #	73
49) 1,4-Dioxane	9.294	88	1763	203.045	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	39334	44.847	ug/l #	87
52) Toluene	10.245	92	37076	10.757	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	21585	10.705	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	23549	10.475	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	11743	11.034	ug/l	93
56) Ethyl methacrylate	10.508	69	13974	9.892	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	18701	10.293	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	32722	44.594	ug/l #	83
59) 2-Hexanone	10.831	43	27645	44.104	ug/l	84
60) Dibromochloromethane	10.983	129	15445	11.296	ug/l	97
61) 1,2-Dibromoethane	11.087	107	11183	10.443	ug/l	98
64) Tetrachloroethene	10.721	164	16301	11.502	ug/l	97
65) Chlorobenzene	11.520	112	40556	10.458	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	16205	10.950	ug/l	97
67) Ethyl Benzene	11.593	91	71974	9.993	ug/l	98
68) m/p-Xylenes	11.703	106	55801	20.428	ug/l	98
69) o-Xylene	12.032	106	26623	10.281	ug/l	99
70) Styrene	12.044	104	43263	10.164	ug/l	97
71) Bromoform	12.209	173	9604	11.593	ug/l #	96
73) Isopropylbenzene	12.330	105	75652	10.233	ug/l	97
74) N-amyl acetate	12.141	43	13167	8.046	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.586	83	12563	9.952	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	17029	17.362	ug/l #	100
77) Bromobenzene	12.605	156	16564	10.316	ug/l	88
78) n-propylbenzene	12.672	91	88445	10.014	ug/l	100
79) 2-Chlorotoluene	12.757	91	49023	10.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	62607	10.208	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	4196	9.180	ug/l #	82
82) 4-Chlorotoluene	12.855	91	49998	10.002	ug/l	98
83) tert-Butylbenzene	13.074	119	55558	10.320	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	60084	10.071	ug/l	99
85) sec-Butylbenzene	13.251	105	80565	10.205	ug/l	99
86) p-Isopropyltoluene	13.367	119	67067	10.271	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	32974	10.596	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	31997	10.328	ug/l	95
89) n-Butylbenzene	13.696	91	61939	10.023	ug/l	98
90) Hexachloroethane	13.964	117	13370	10.596	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	28993	10.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.348	75	1941	8.833	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	17832	10.626	ug/l	95
94) Hexachlorobutadiene	15.110	225	11763	11.984	ug/l	98
95) Naphthalene	15.232	128	34399	9.459	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	15997	11.014	ug/l	95

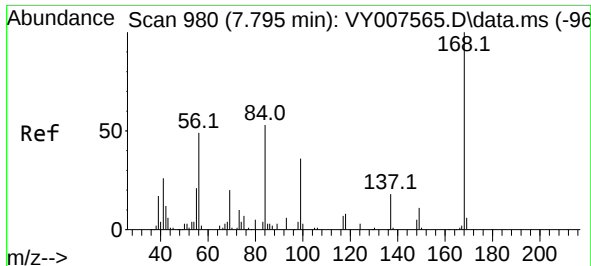
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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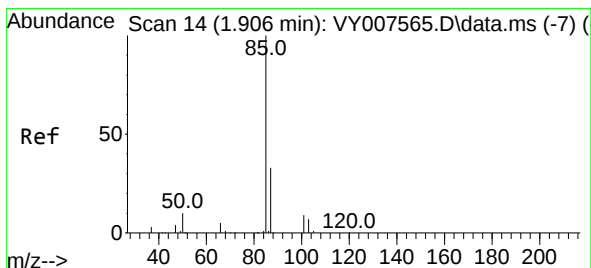
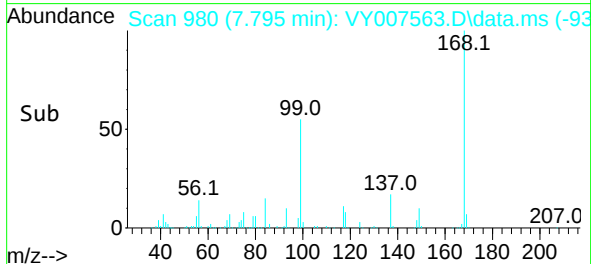
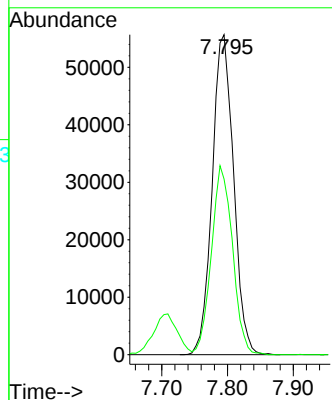
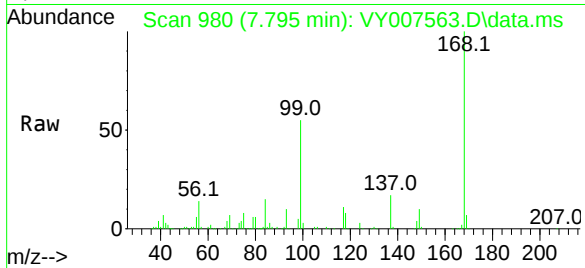
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY007563.D
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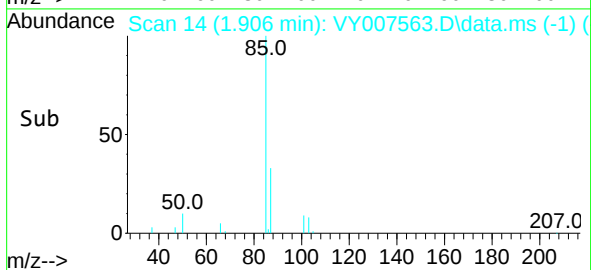
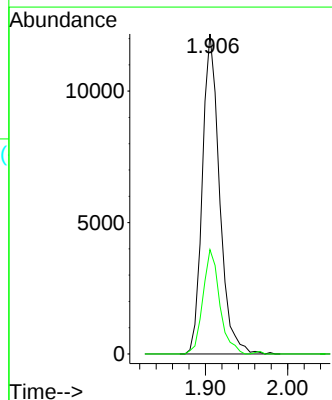
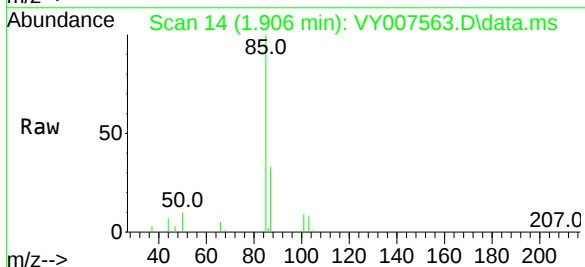
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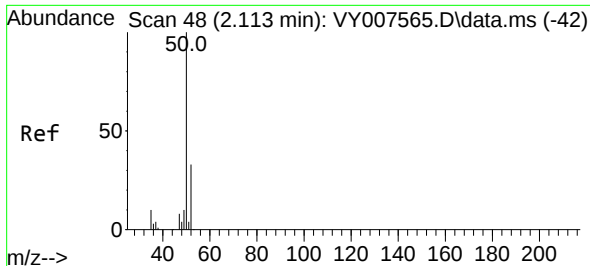
Tgt Ion:168 Resp: 125920
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 12.656 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 85 Resp: 17682
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

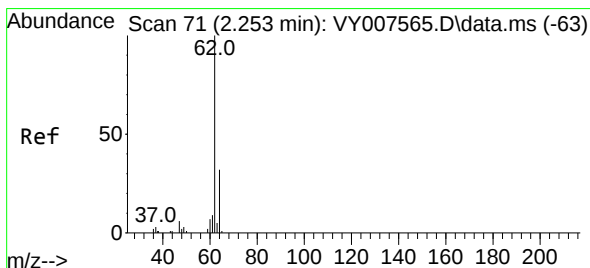
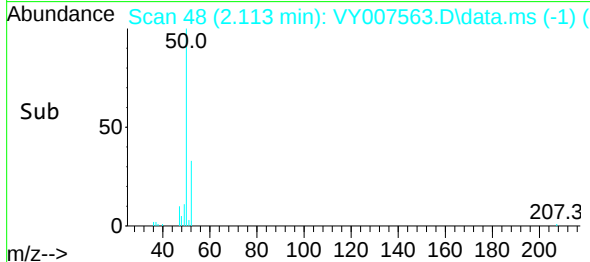
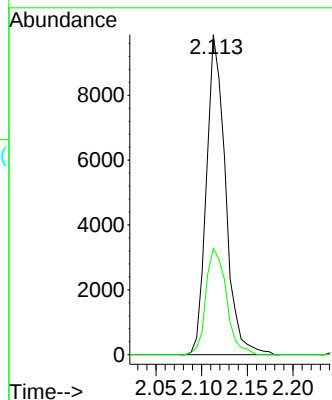
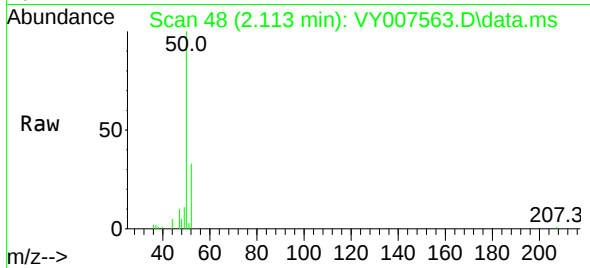




#3
Chloromethane
Concen: 10.455 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

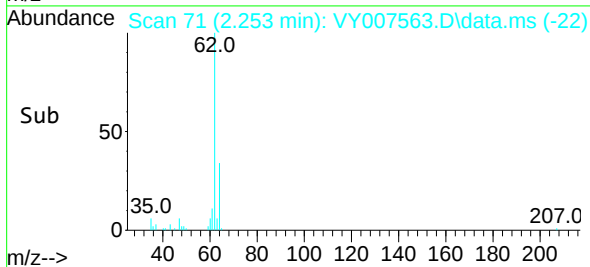
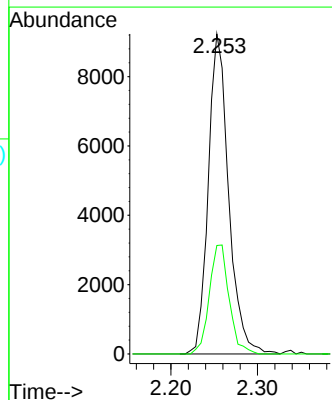
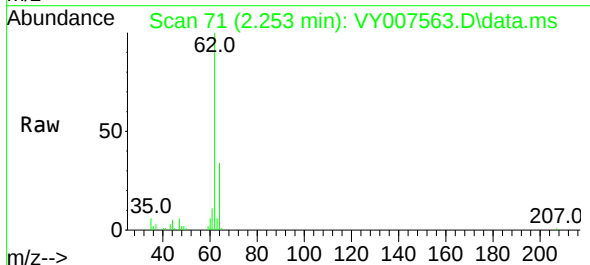
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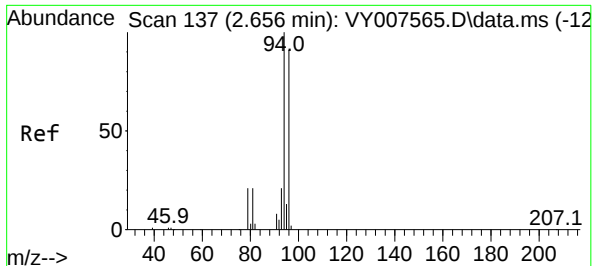
Tgt Ion: 50 Resp: 14240
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 10.758 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 62 Resp: 15034
Ion Ratio Lower Upper
62 100
64 33.9 25.0 37.6

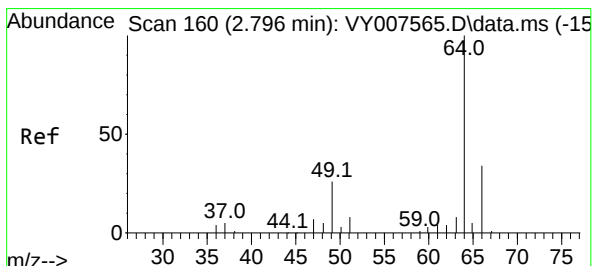
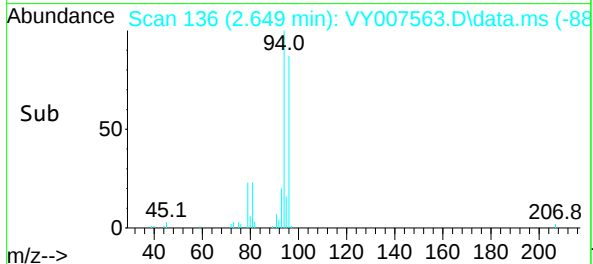
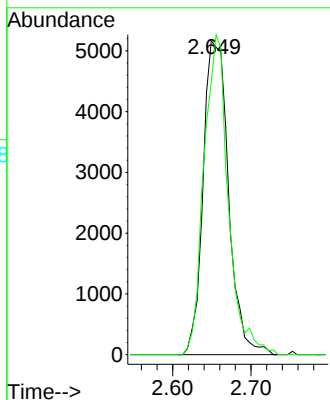
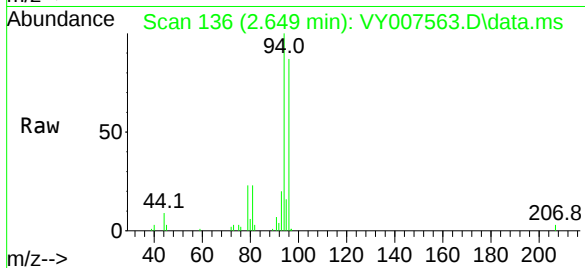




#5
Bromomethane
Concen: 11.885 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

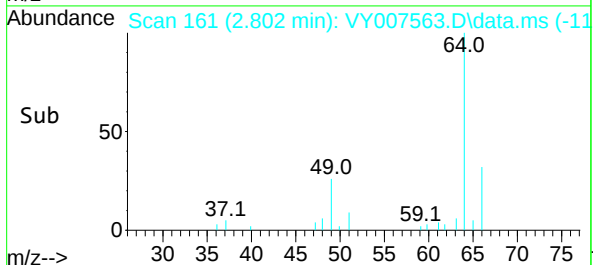
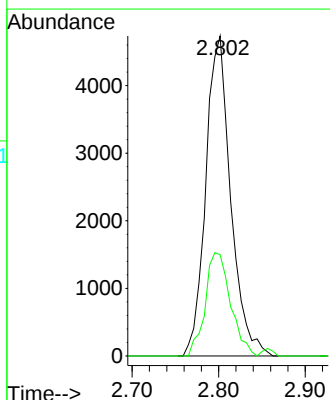
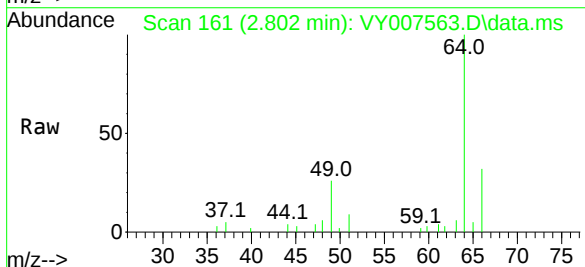
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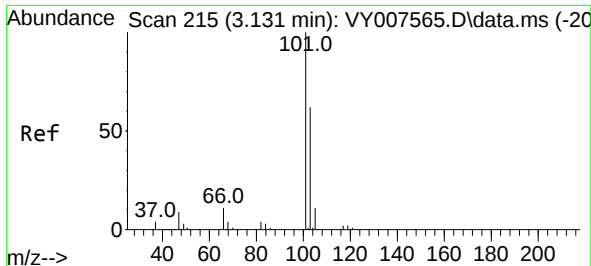
Tgt Ion: 94 Resp: 11626
Ion Ratio Lower Upper
94 100
96 87.0 73.5 110.3



#6
Chloroethane
Concen: 11.254 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 64 Resp: 9470
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0

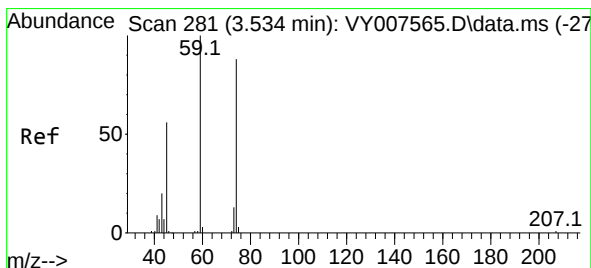
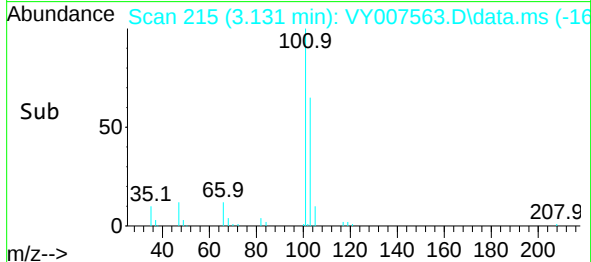
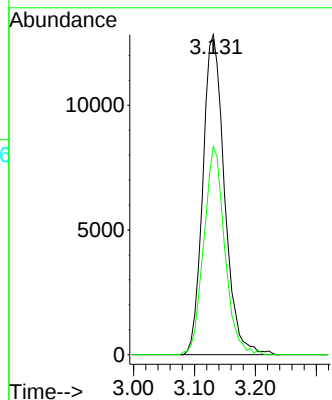
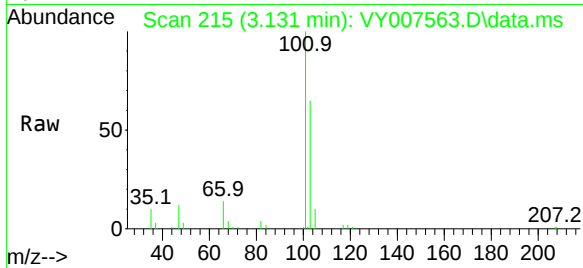




#7
 Trichlorofluoromethane
 Concen: 11.779 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

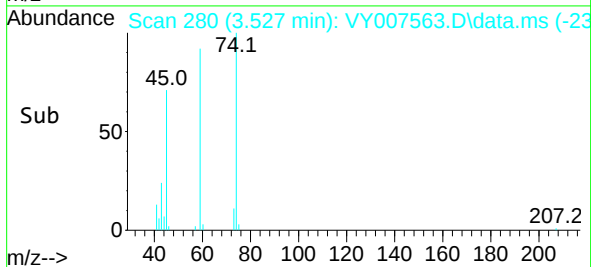
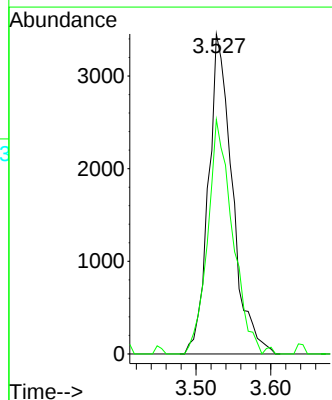
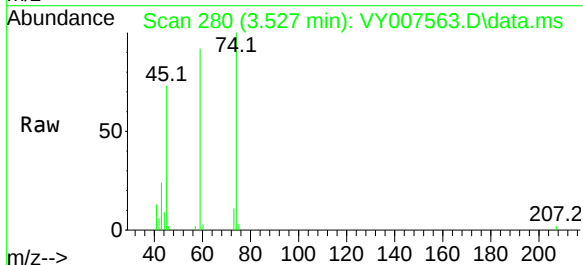
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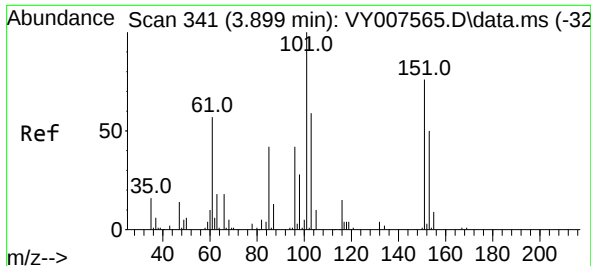
Tgt Ion:101 Resp: 31645
 Ion Ratio Lower Upper
 101 100
 103 65.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 10.083 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

Tgt Ion: 74 Resp: 7641
 Ion Ratio Lower Upper
 74 100
 45 76.9 55.1 165.5

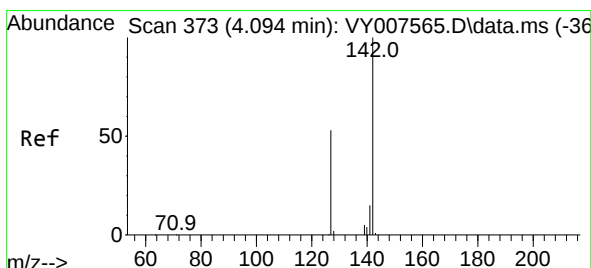
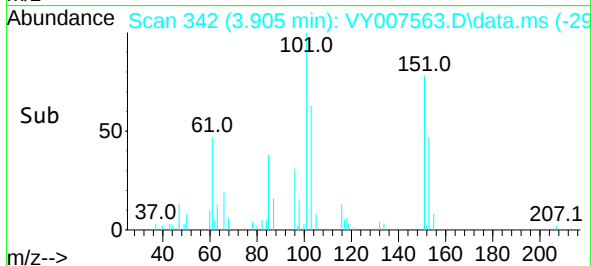
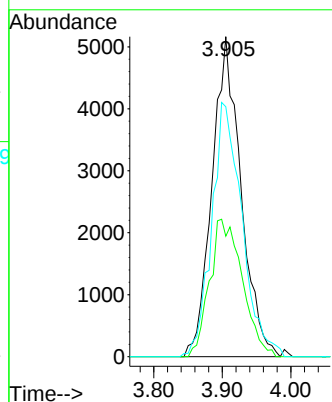
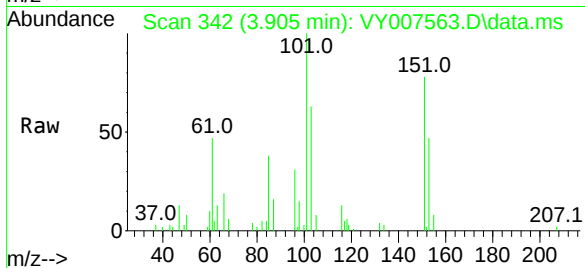




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.450 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY007563.D
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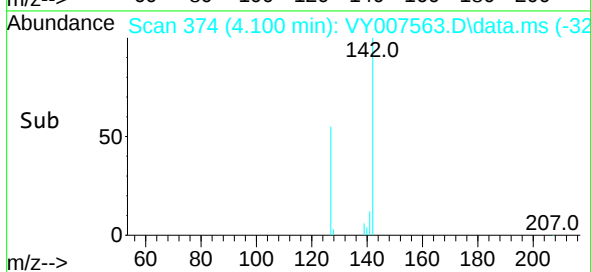
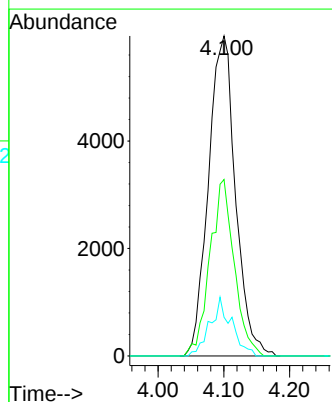
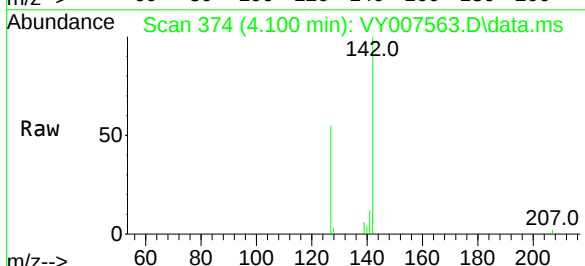
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

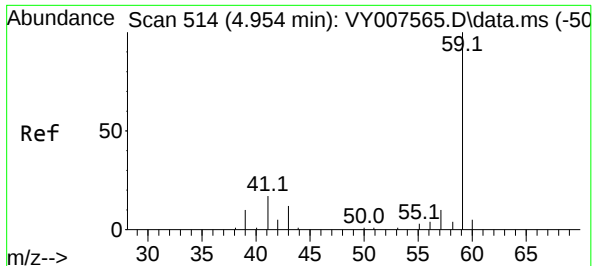
Tgt Ion:	101	Resp:	15114
Ion	Ratio	Lower	Upper
101	100		
85	48.6	40.6	60.8
151	83.2	64.9	97.3



#10
Methyl Iodide
Concen: 9.514 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion:	142	Resp:	17077
Ion	Ratio	Lower	Upper
142	100		
127	49.5	41.5	62.3
141	14.6	11.9	17.9





#11

Tert butyl alcohol

Concen: 51.450 ug/l

RT: 4.954 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

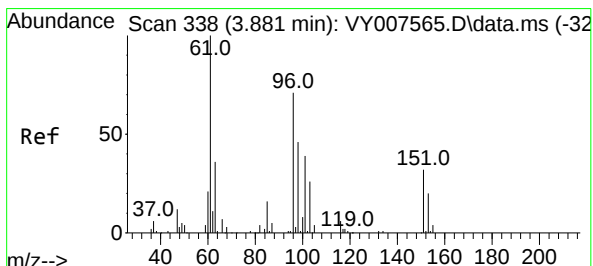
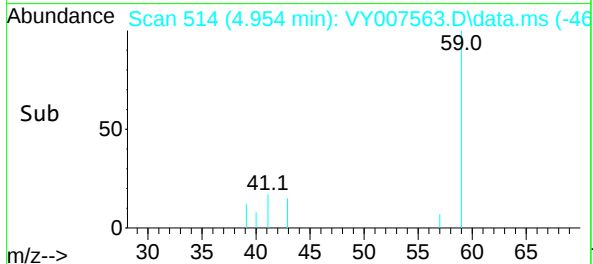
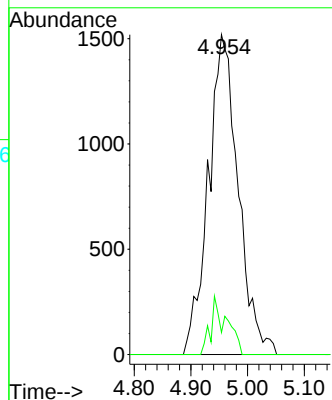
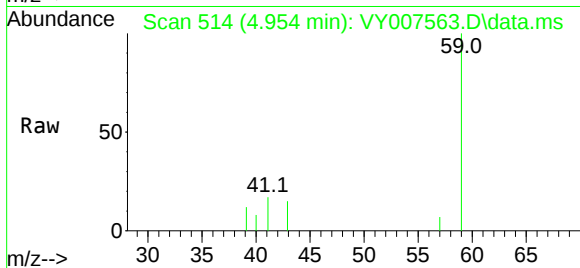
VSTDIC010

Tgt Ion: 59 Resp: 5561

Ion Ratio Lower Upper

59 100

57 5.4 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 10.514 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

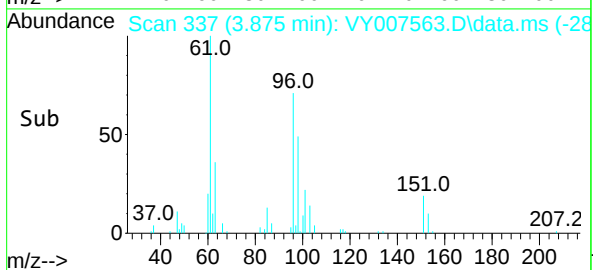
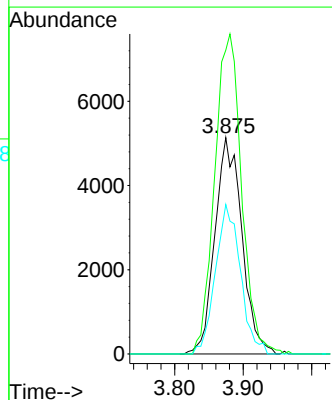
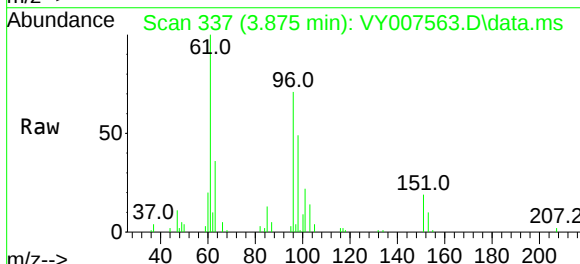
Tgt Ion: 96 Resp: 14047

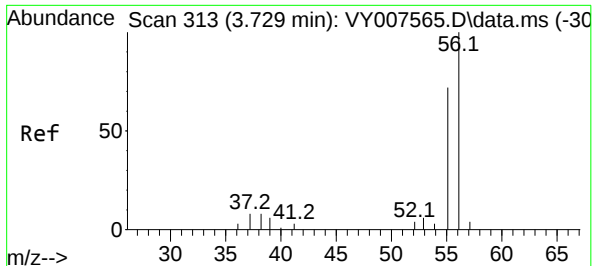
Ion Ratio Lower Upper

96 100

61 140.5 145.8 218.6#

98 69.1 52.5 78.7





#13

Acrolein

Concen: 47.371 ug/l

RT: 3.741 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

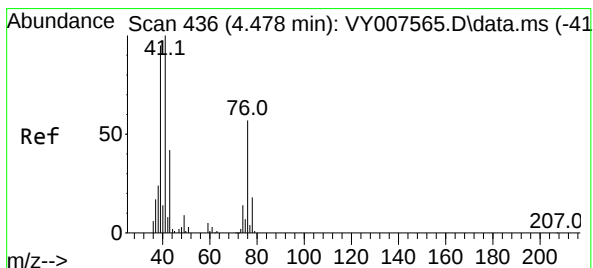
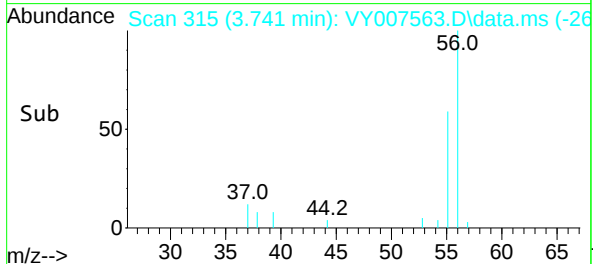
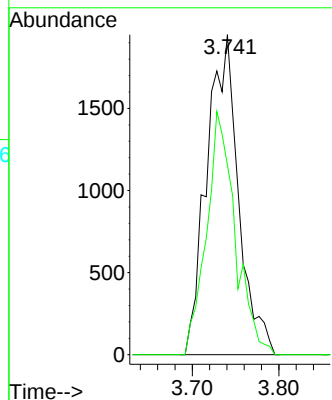
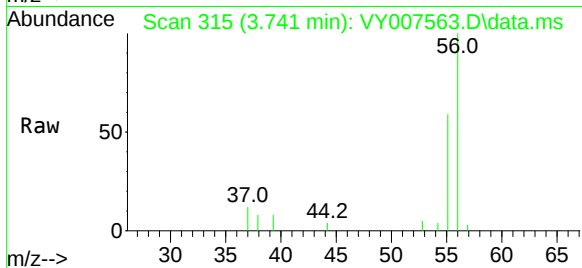
VSTDICC010

Tgt Ion: 56 Resp: 4962

Ion Ratio Lower Upper

56 100

55 68.8 57.6 86.4



#14

Allyl chloride

Concen: 8.519 ug/l

RT: 4.484 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

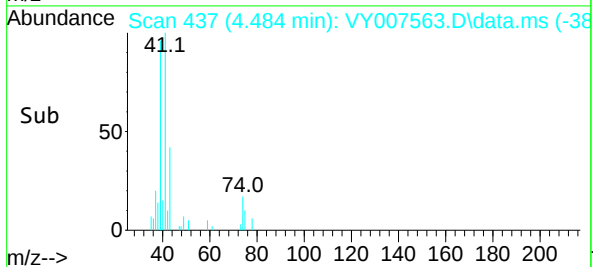
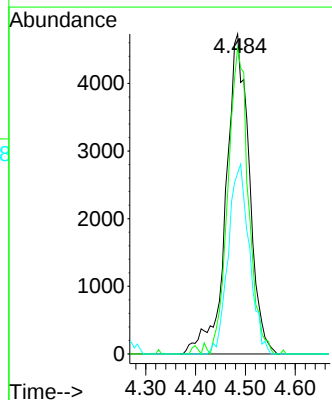
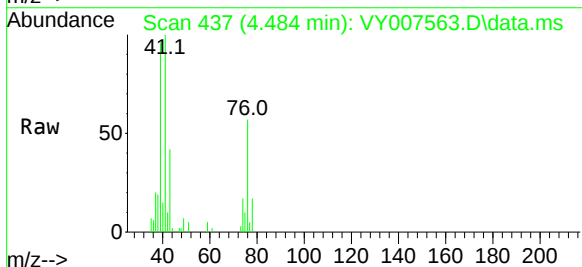
Tgt Ion: 41 Resp: 15401

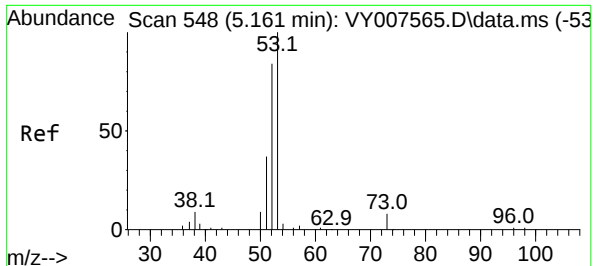
Ion Ratio Lower Upper

41 100

39 83.6 58.8 88.2

76 53.5 25.1 37.7#

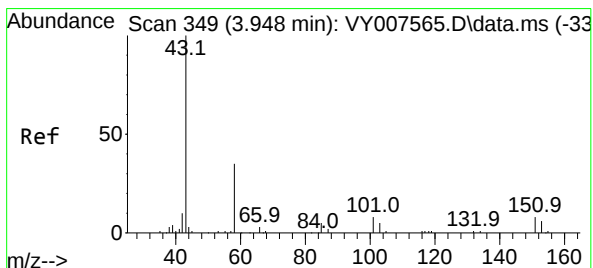
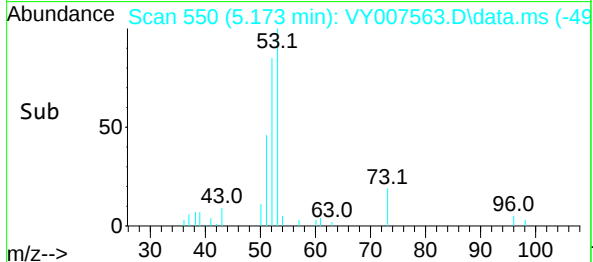
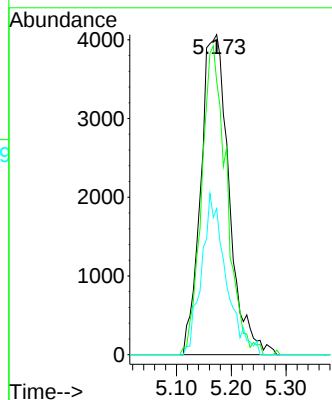
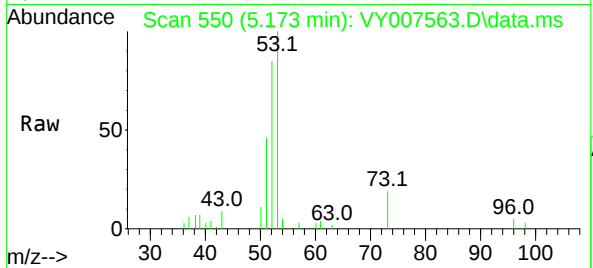




#15
Acrylonitrile
Concen: 44.627 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

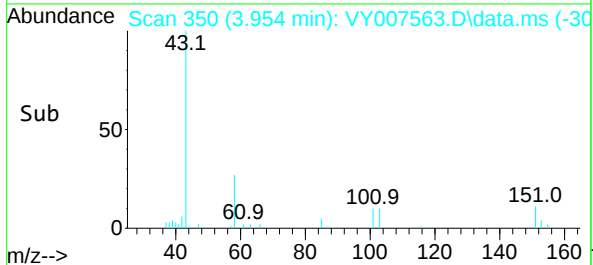
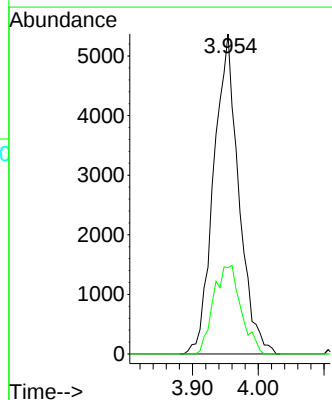
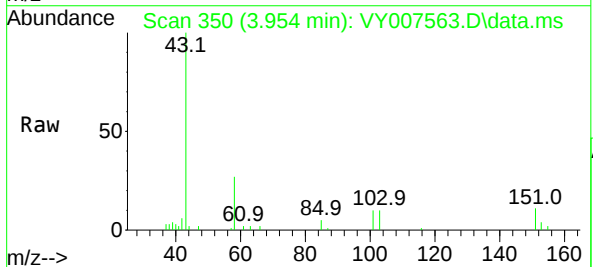
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

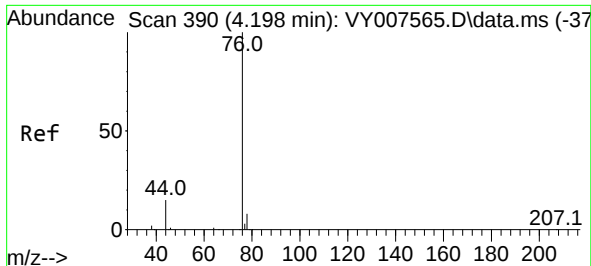
Tgt Ion: 53 Resp: 14568
Ion Ratio Lower Upper
53 100
52 85.3 67.0 100.4
51 43.3 29.8 44.6



#16
Acetone
Concen: 41.032 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 43 Resp: 14234
Ion Ratio Lower Upper
43 100
58 27.0 22.0 33.0

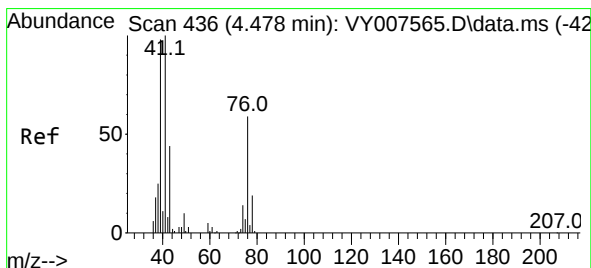
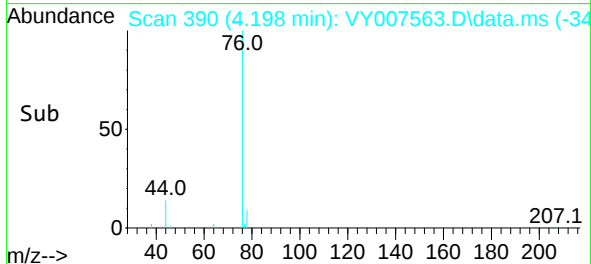
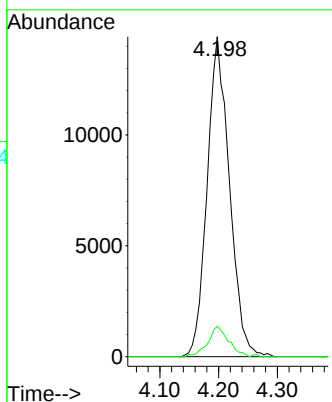
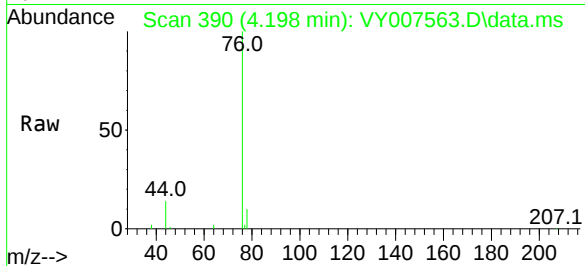




#17
Carbon Disulfide
Concen: 10.030 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

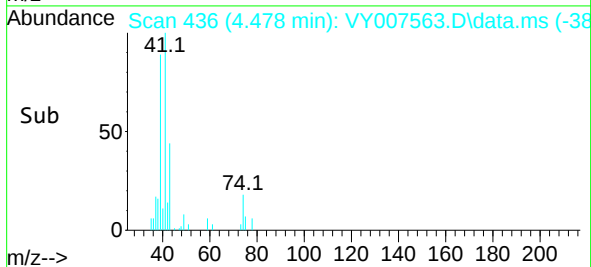
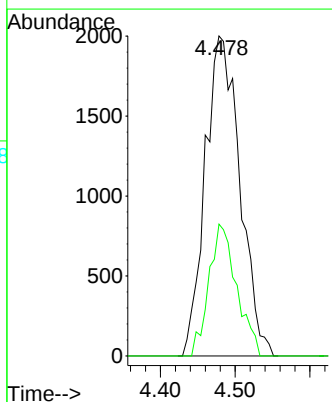
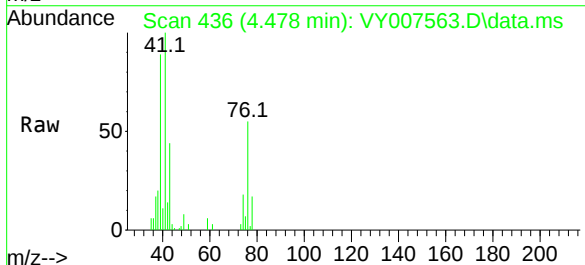
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

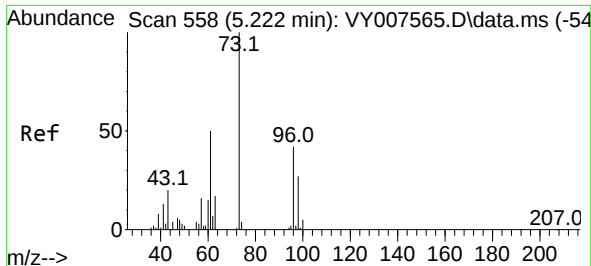
Tgt Ion: 76 Resp: 38067
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 8.514 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 43 Resp: 6454
Ion Ratio Lower Upper
43 100
74 32.8 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 10.297 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

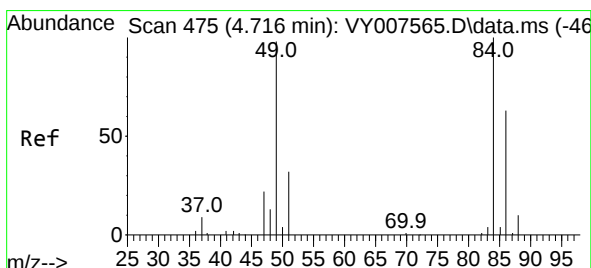
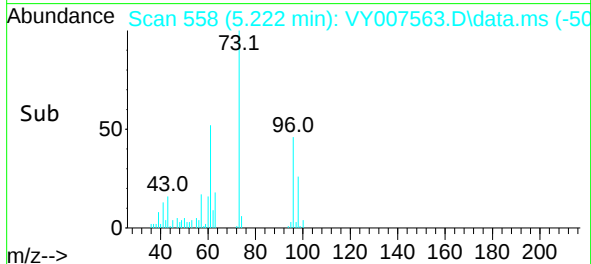
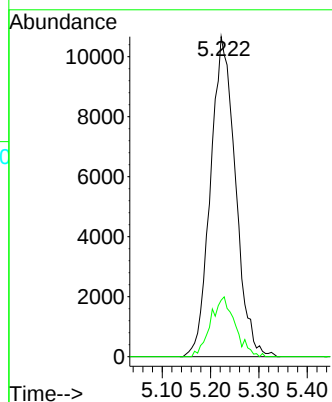
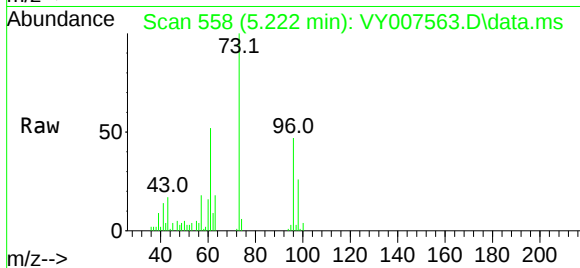
VSTDIC010

Tgt Ion: 73 Resp: 38252

Ion Ratio Lower Upper

73 100

57 17.7 18.6 27.8#



#20

Methylene Chloride

Concen: 10.906 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Tgt Ion: 84 Resp: 16140

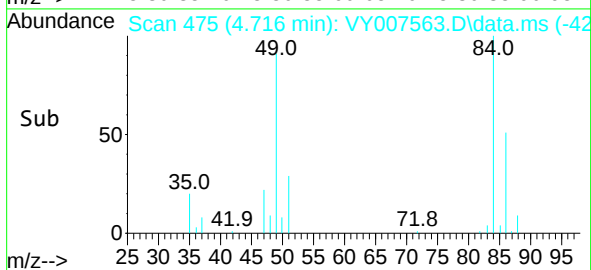
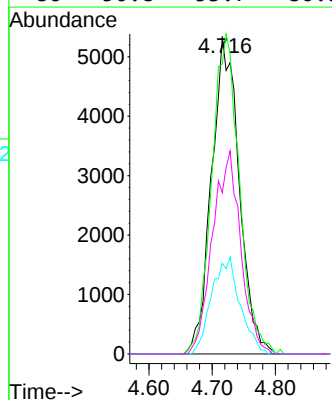
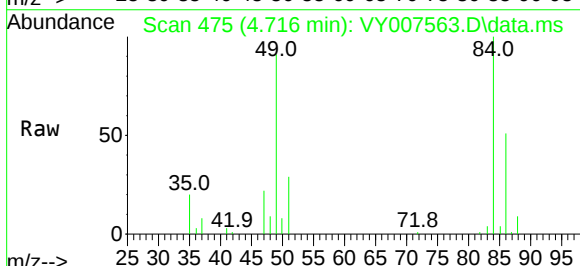
Ion Ratio Lower Upper

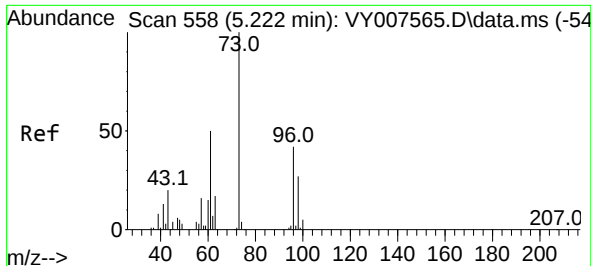
84 100

49 91.3 114.4 171.6#

51 28.5 35.3 52.9#

86 50.8 53.7 80.5#

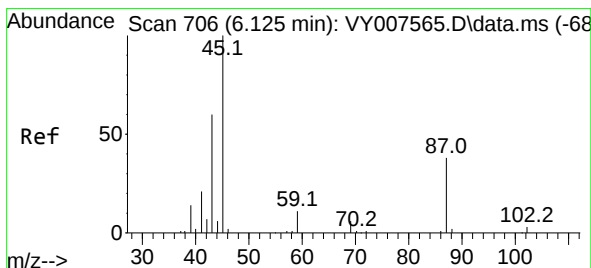
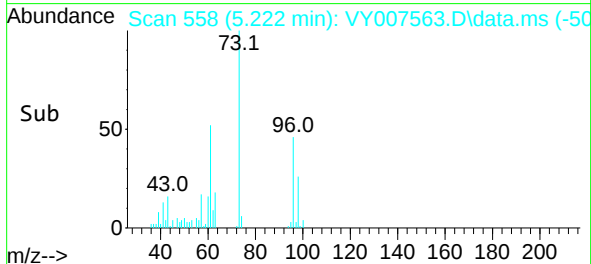
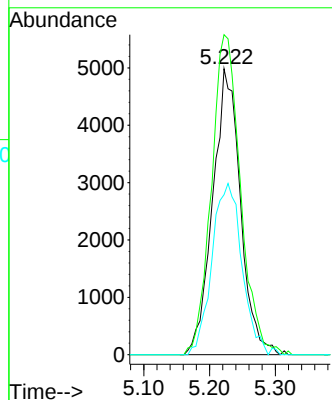
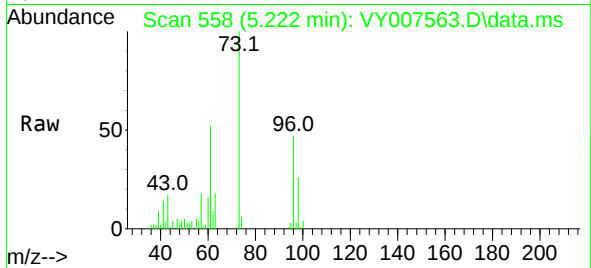




#21
trans-1,2-Dichloroethene
Concen: 10.095 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

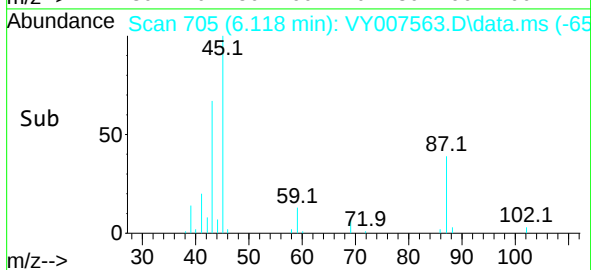
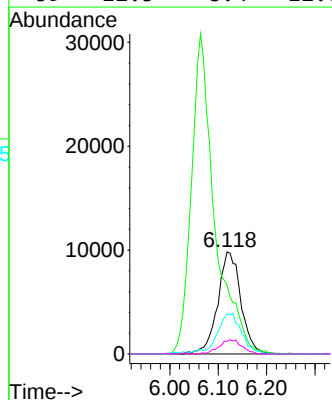
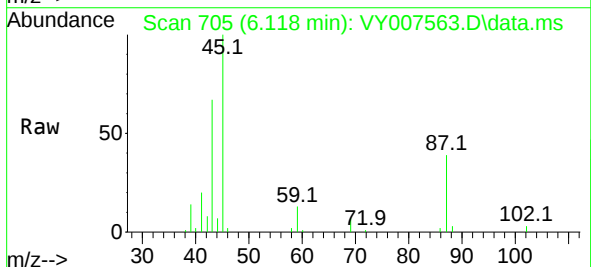
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

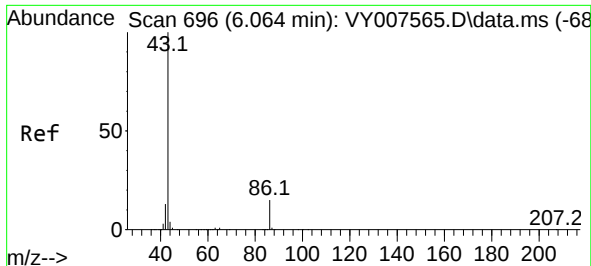
Tgt Ion: 96 Resp: 14590
Ion Ratio Lower Upper
96 100
61 111.9 120.5 180.7#
98 56.0 49.8 74.8



#22
Diisopropyl ether
Concen: 8.618 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 45 Resp: 32579
Ion Ratio Lower Upper
45 100
43 66.7 49.3 73.9
87 39.3 19.2 28.8#
59 12.5 8.4 12.6

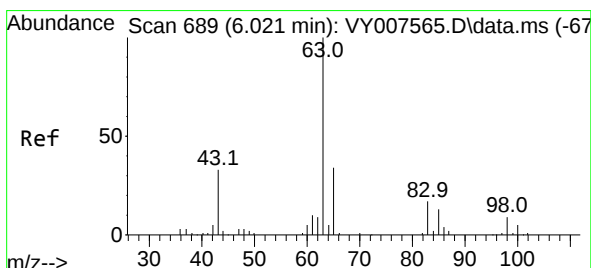
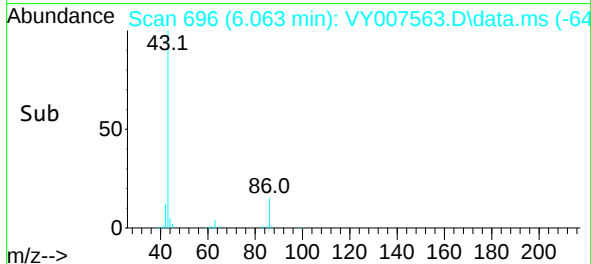
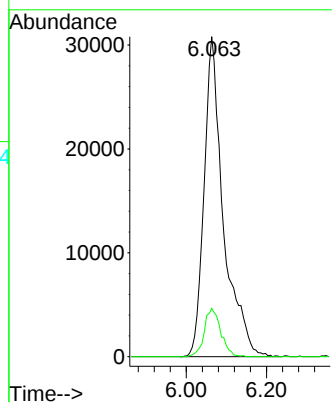
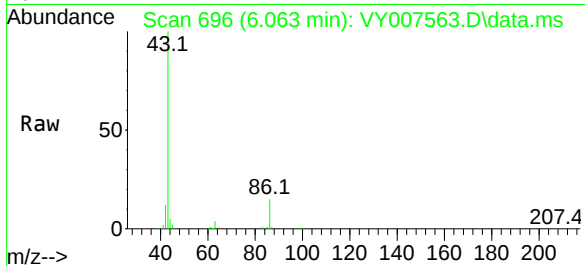




#23
 Vinyl Acetate
 Concen: 42.353 ug/l
 RT: 6.063 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

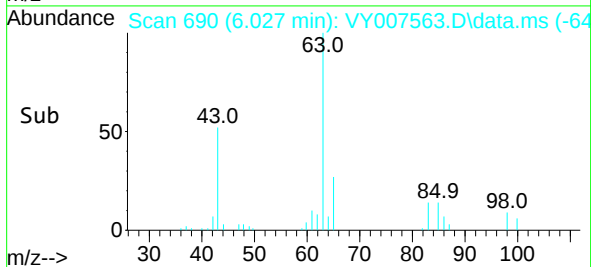
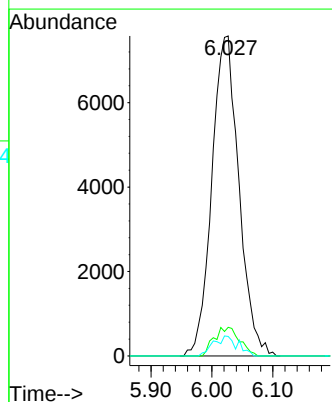
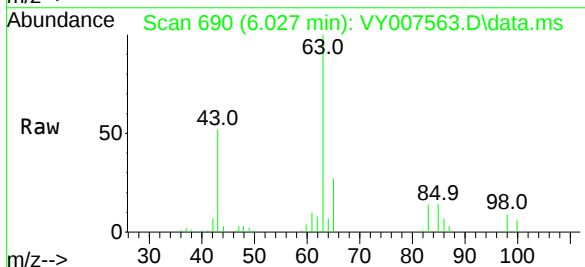
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

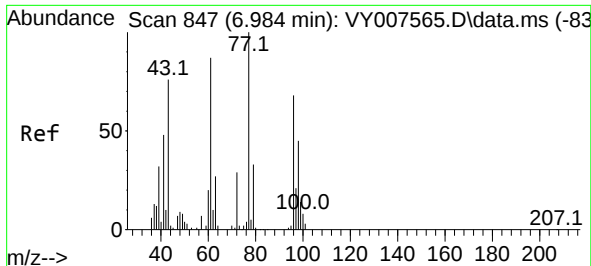
Tgt Ion: 43 Resp: 103067
 Ion Ratio Lower Upper
 43 100
 86 15.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 9.661 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

Tgt Ion: 63 Resp: 23413
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 6.1 2.0 5.8#

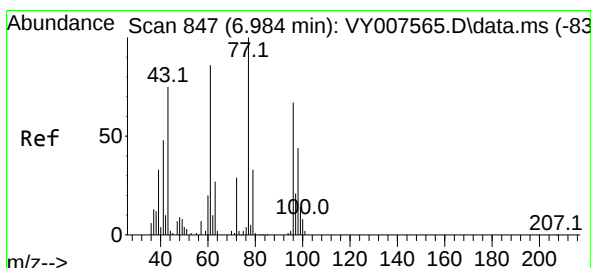
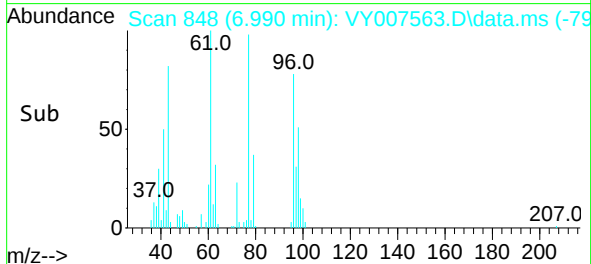
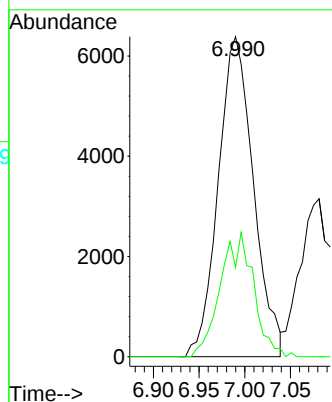
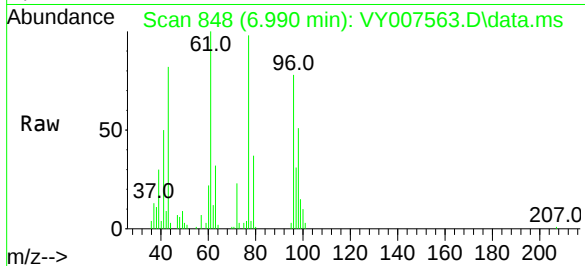




#25
2-Butanone
Concen: 39.842 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

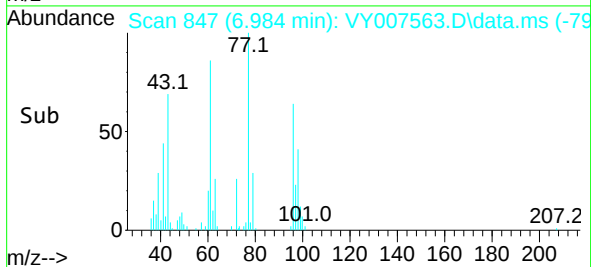
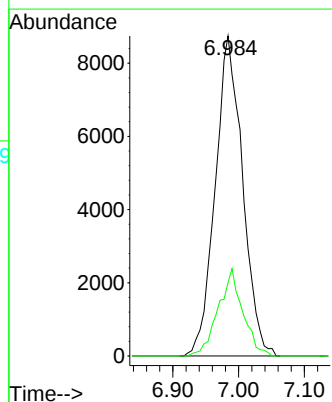
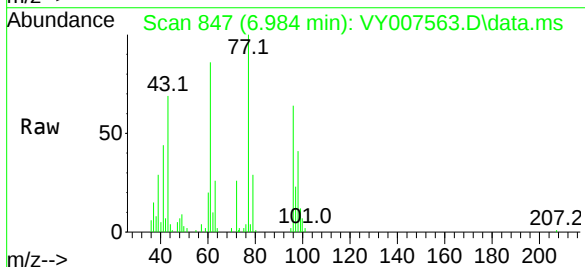
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

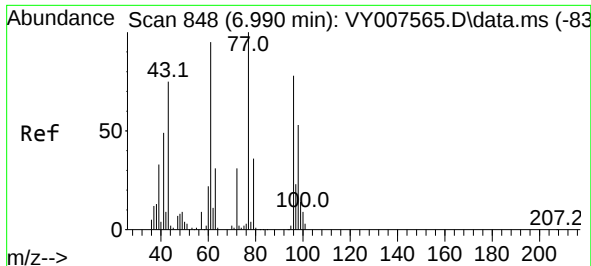
Tgt Ion: 43 Resp: 17103
Ion Ratio Lower Upper
43 100
72 27.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 10.250 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 77 Resp: 25279
Ion Ratio Lower Upper
77 100
97 24.5 10.4 31.4

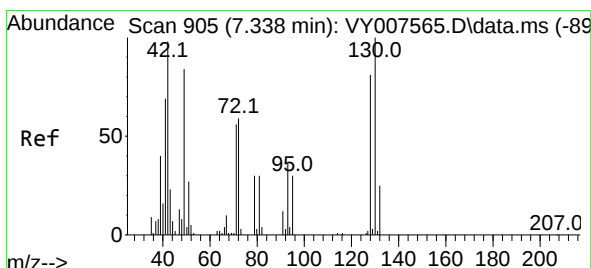
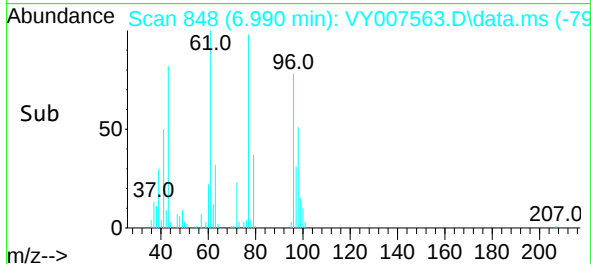
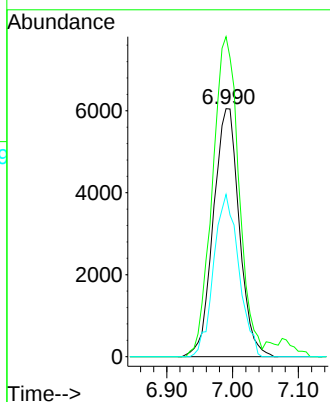
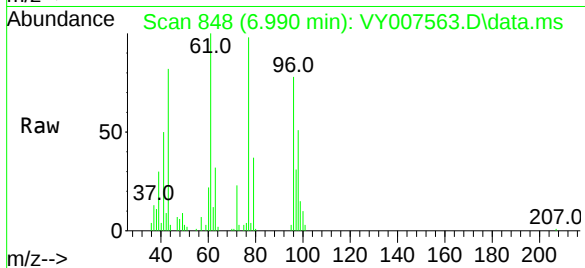




#27
 cis-1,2-Dichloroethene
 Concen: 10.244 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

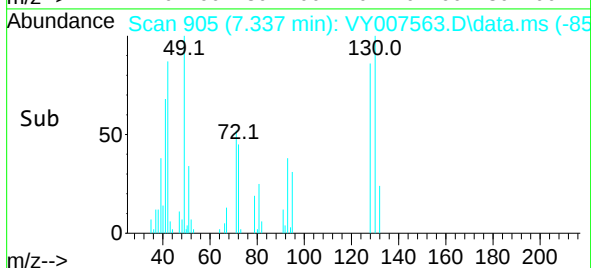
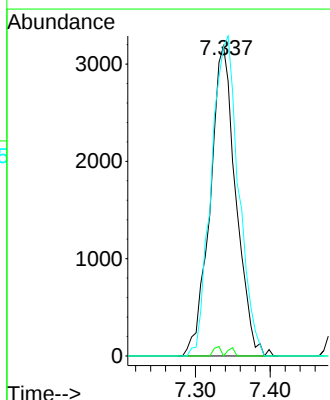
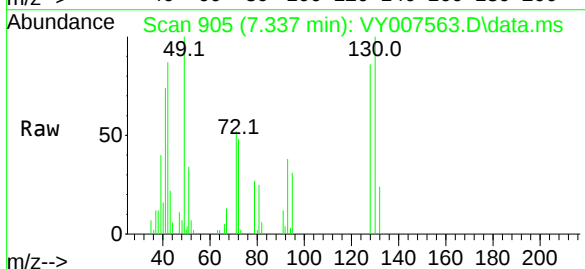
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

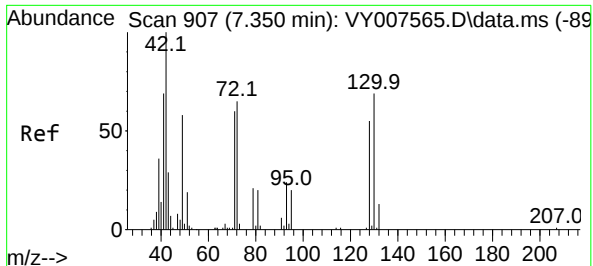
Tgt Ion: 96 Resp: 16599
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 319.8
 98 63.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 8.425 ug/l
 RT: 7.337 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

Tgt Ion: 49 Resp: 7631
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.2
 130 109.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 39.988 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

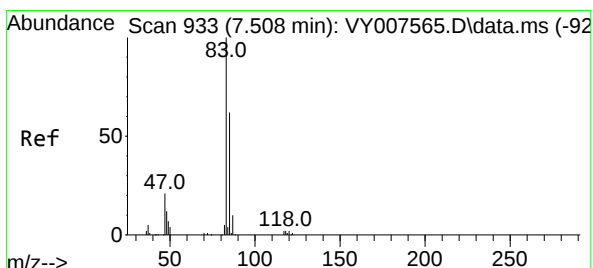
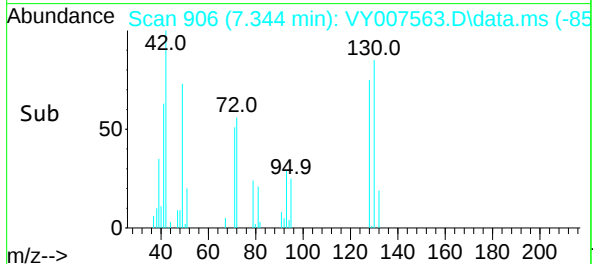
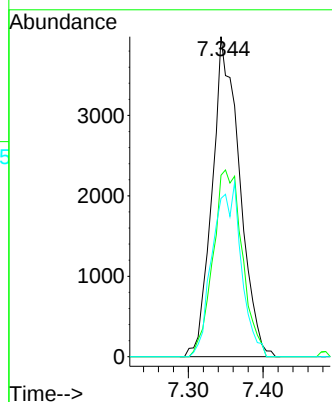
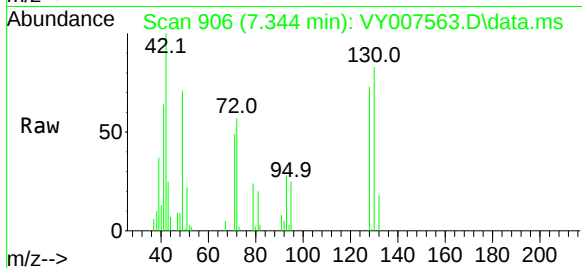
Tgt Ion: 42 Resp: 10167

Ion Ratio Lower Upper

42 100

72 62.1 30.3 45.5#

71 56.4 29.0 43.4#



#30

Chloroform

Concen: 10.427 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY007563.D

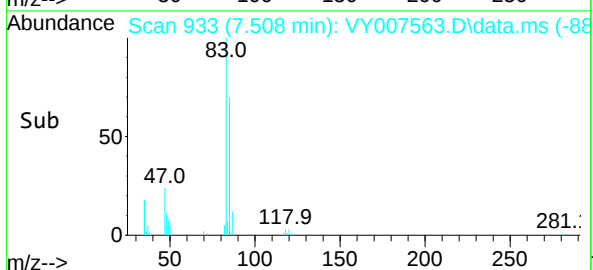
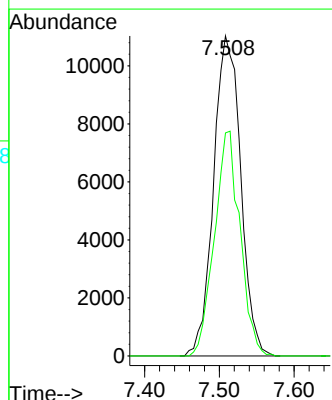
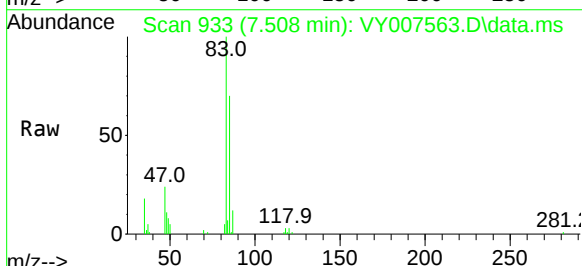
Acq: 21 Feb 2022 12:09

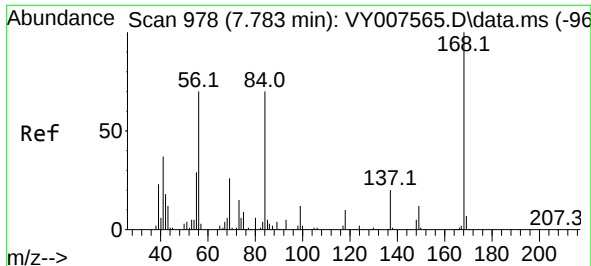
Tgt Ion: 83 Resp: 27866

Ion Ratio Lower Upper

83 100

85 69.7 51.8 77.6

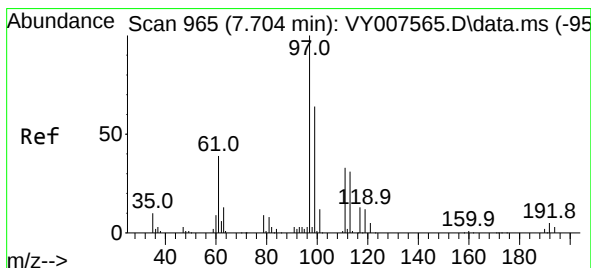
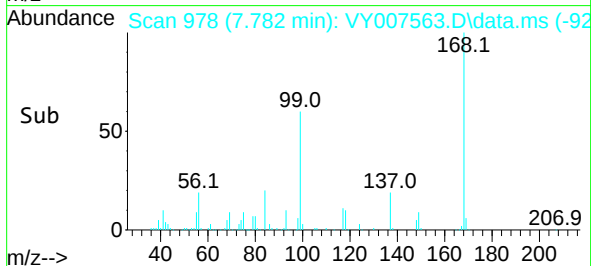
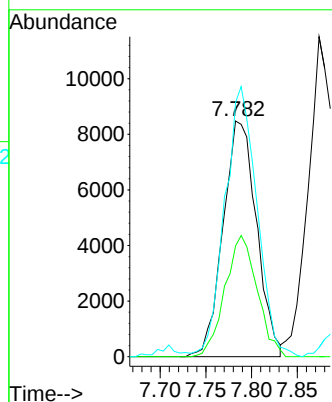
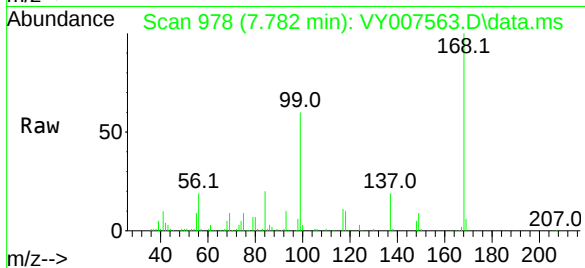




#31
Cyclohexane
Concen: 9.286 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

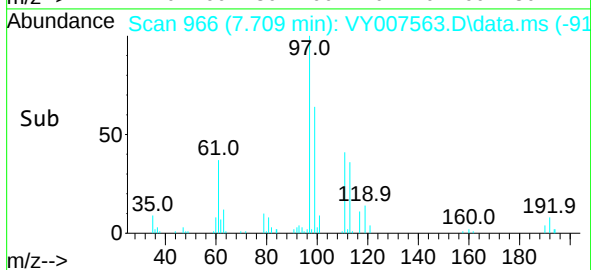
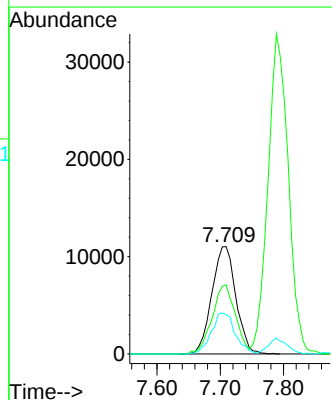
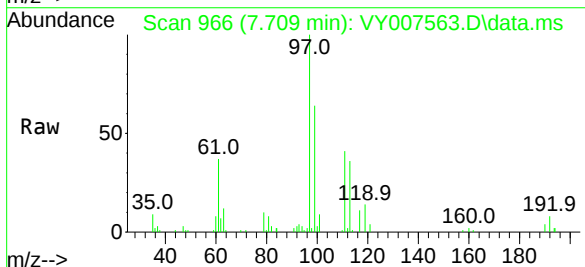
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

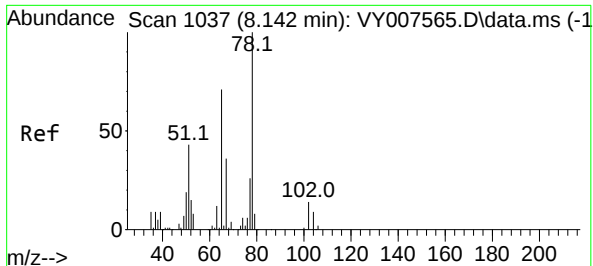
Tgt Ion: 56 Resp: 21577
Ion Ratio Lower Upper
56 100
69 47.0 26.7 40.1#
84 106.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 11.369 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 97 Resp: 29012
Ion Ratio Lower Upper
97 100
99 62.6 50.7 76.1
61 37.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 9.246 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

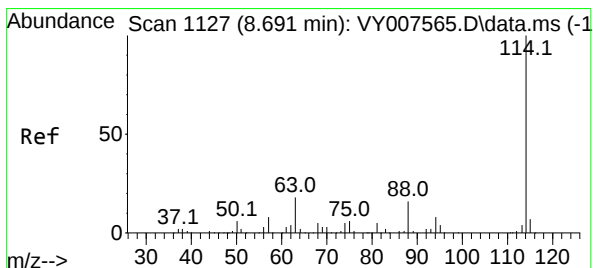
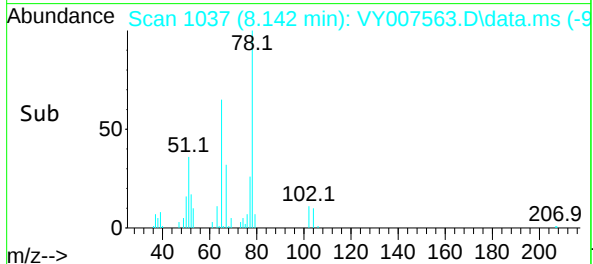
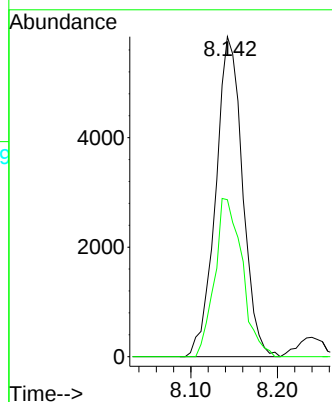
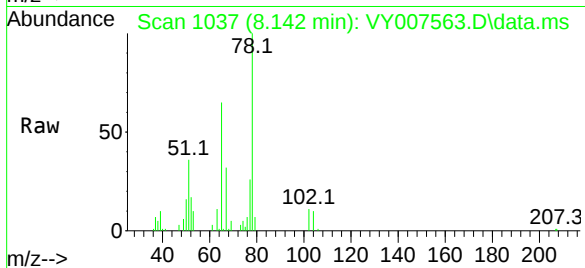
VSTDIC010

Tgt Ion: 65 Resp: 12604

Ion Ratio Lower Upper

65 100

67 50.5 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: VY007563.D

Acq: 21 Feb 2022 12:09

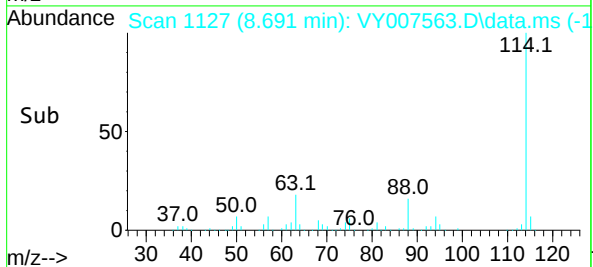
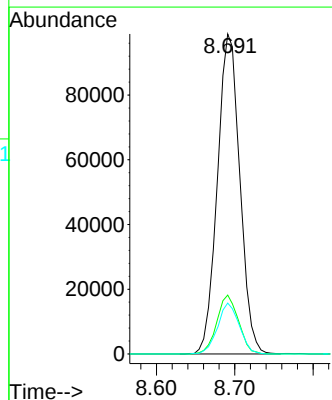
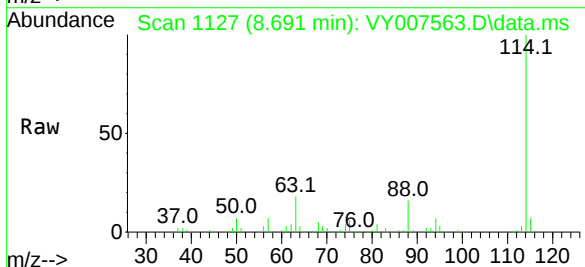
Tgt Ion: 114 Resp: 197087

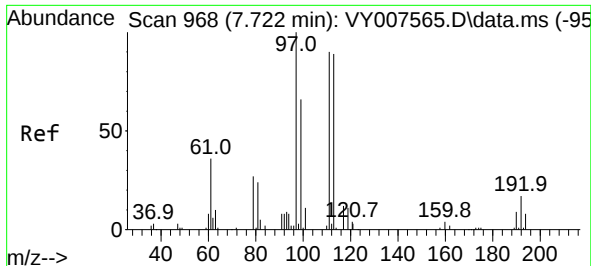
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 9.850 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

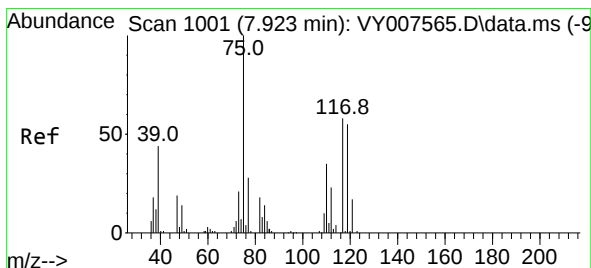
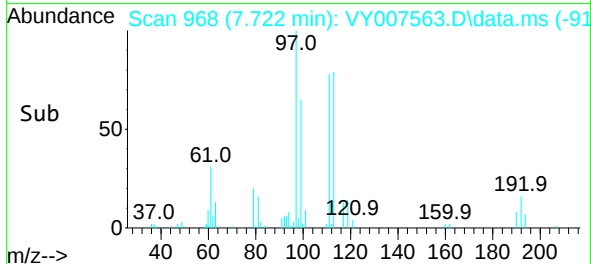
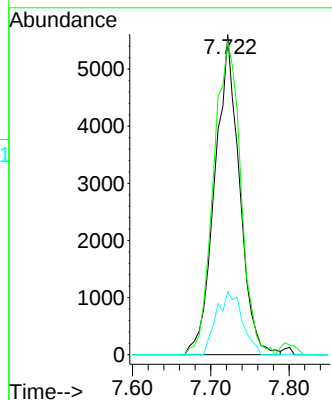
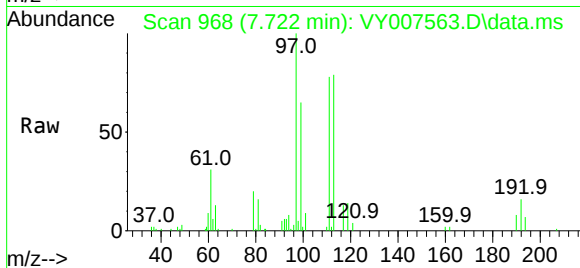
Tgt Ion:113 Resp: 12196

Ion Ratio Lower Upper

113 100

111 108.2 82.6 124.0

192 20.7 17.6 26.4



#36

1,1-Dichloropropene

Concen: 10.669 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

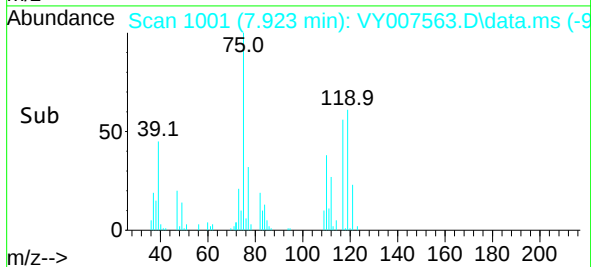
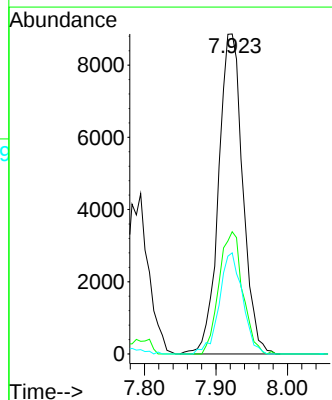
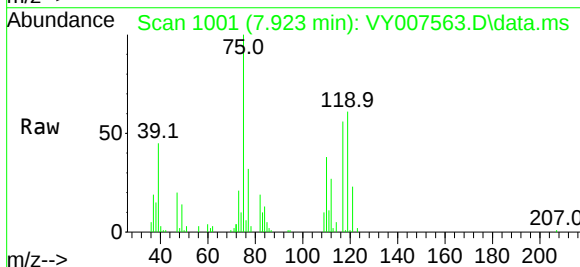
Tgt Ion: 75 Resp: 20812

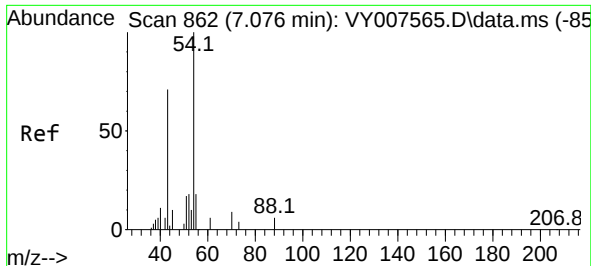
Ion Ratio Lower Upper

75 100

110 37.6 17.1 51.2

77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 8.741 ug/l

RT: 7.081 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

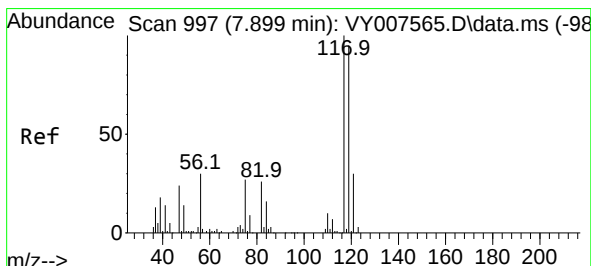
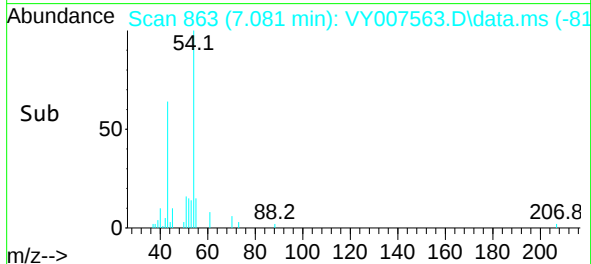
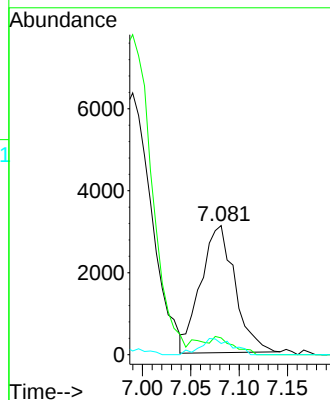
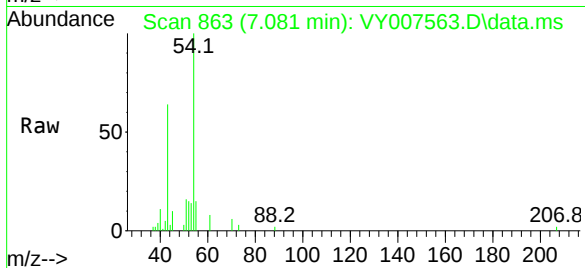
Tgt Ion: 43 Resp: 7593

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 11.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 11.753 ug/l

RT: 7.904 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

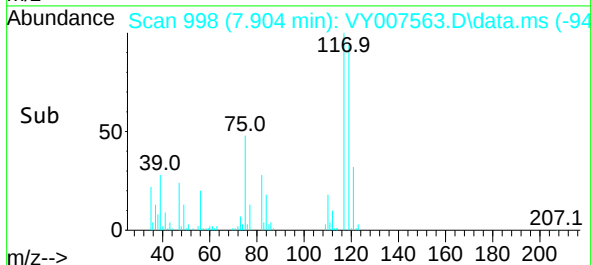
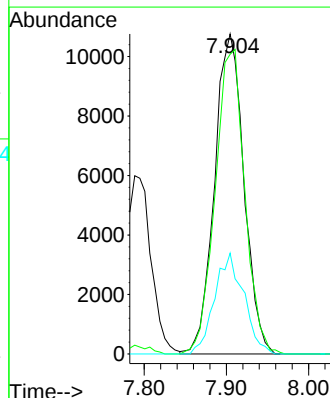
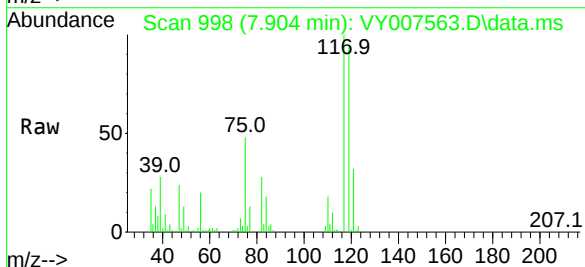
Tgt Ion: 117 Resp: 26741

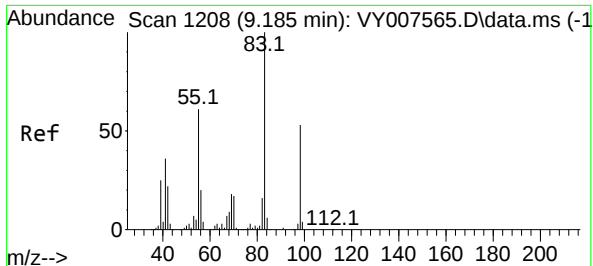
Ion Ratio Lower Upper

117 100

119 93.7 77.9 116.9

121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 9.984 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

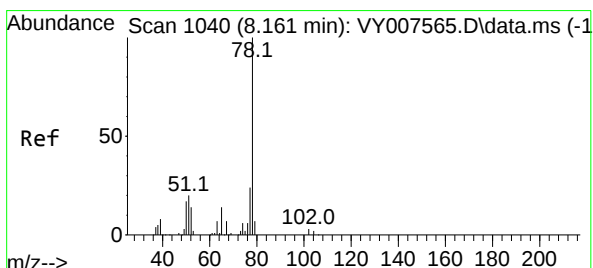
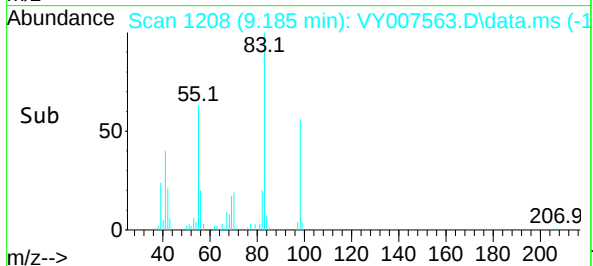
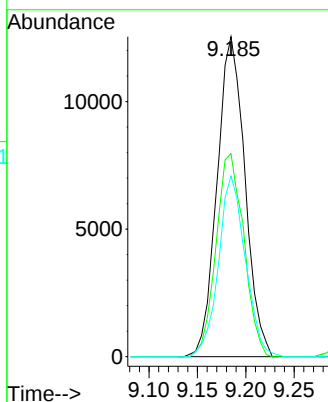
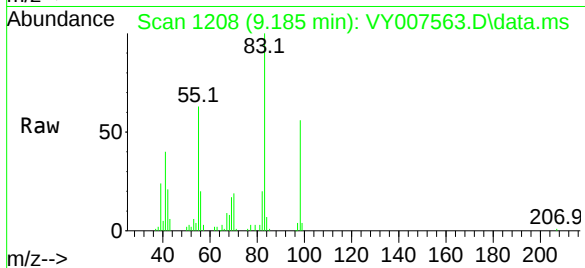
Tgt Ion: 83 Resp: 25132

Ion Ratio Lower Upper

83 100

55 63.5 66.5 99.7#

98 56.5 37.9 56.9



#40

Benzene

Concen: 10.098 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY007563.D

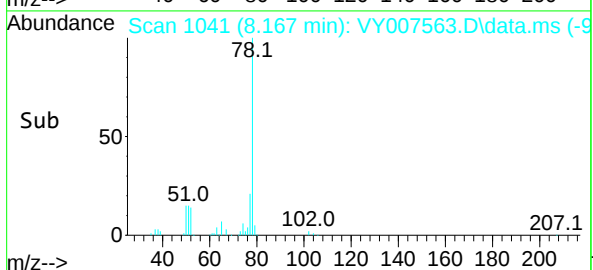
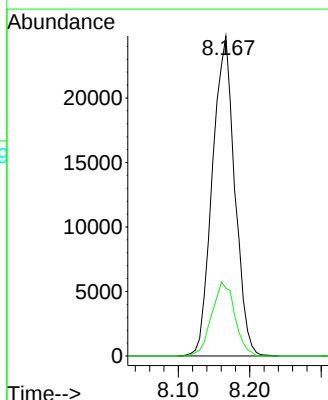
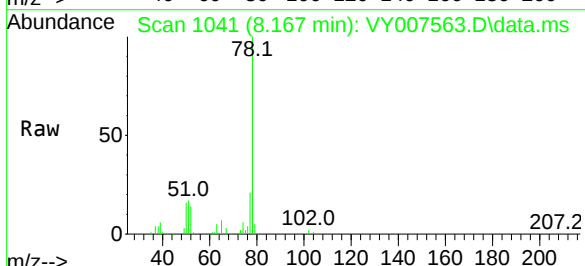
Acq: 21 Feb 2022 12:09

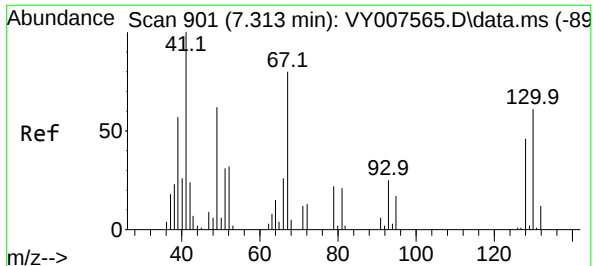
Tgt Ion: 78 Resp: 53864

Ion Ratio Lower Upper

78 100

77 21.1 20.4 30.6

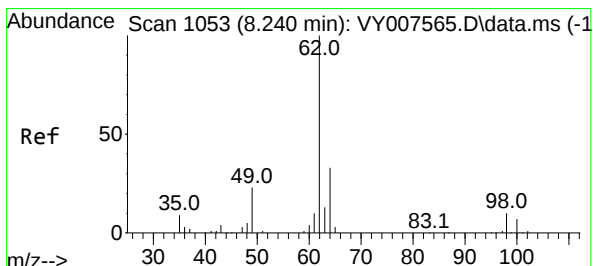
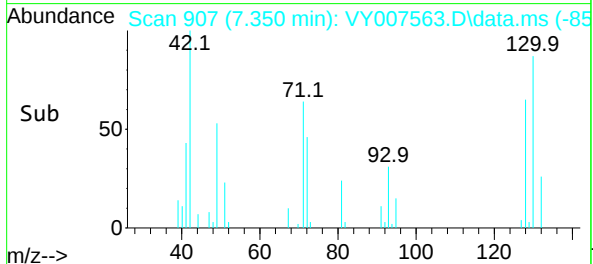
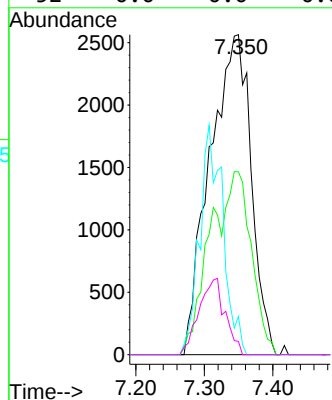
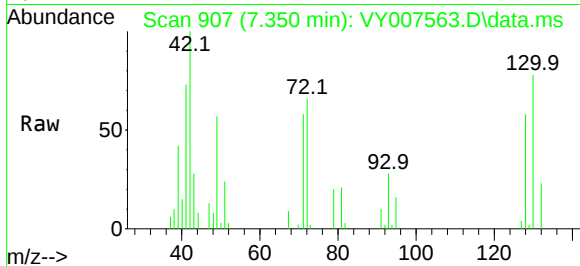




#41
Methacrylonitrile
Concen: 19.349 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.036 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

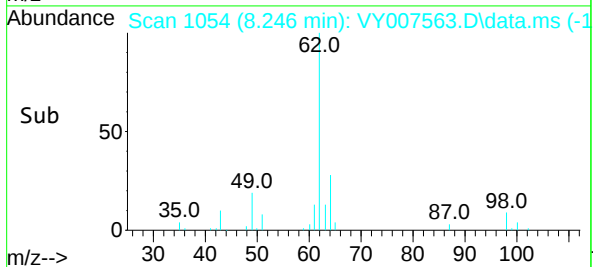
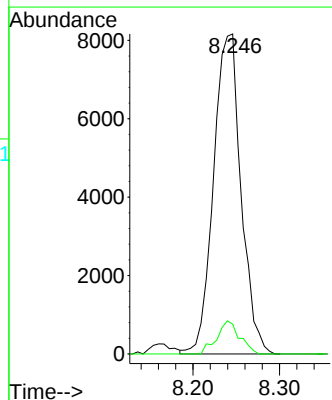
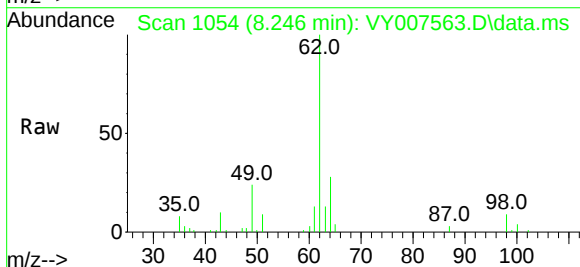
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

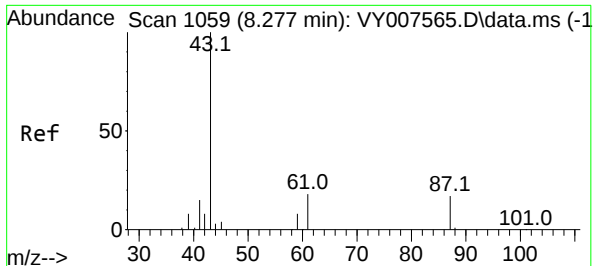
Tgt Ion: 41 Resp: 10701
Ion Ratio Lower Upper
41 100
39 35.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 10.832 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 62 Resp: 18005
Ion Ratio Lower Upper
62 100
98 8.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 8.860 ug/l

RT: 8.276 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

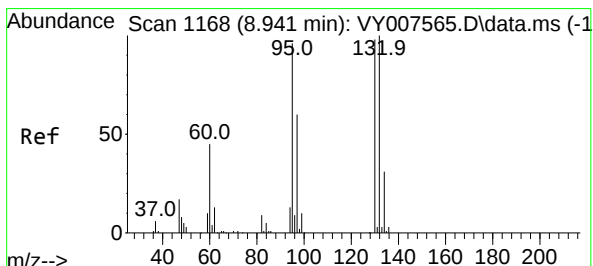
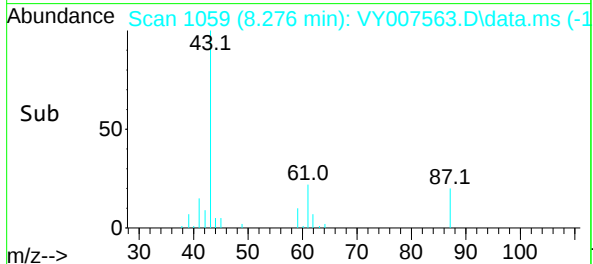
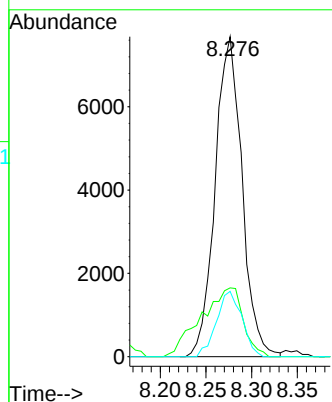
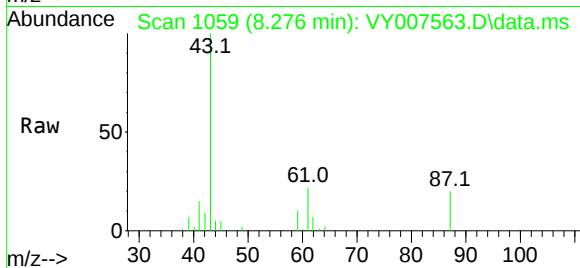
Tgt Ion: 43 Resp: 15709

Ion Ratio Lower Upper

43 100

61 33.7 20.2 30.2#

87 19.4 8.9 13.3#



#44

Trichloroethene

Concen: 11.287 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY007563.D

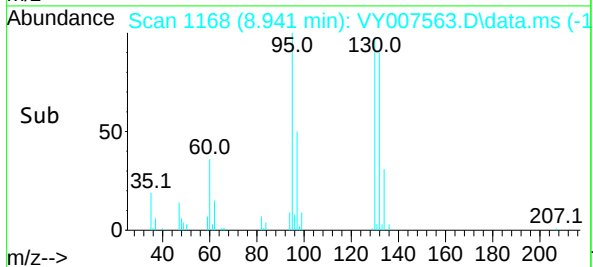
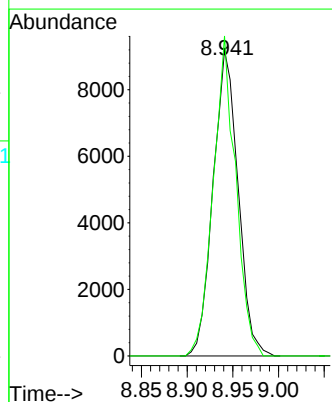
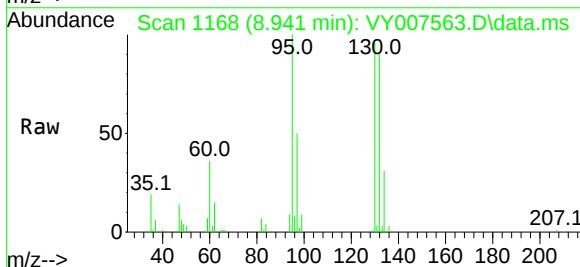
Acq: 21 Feb 2022 12:09

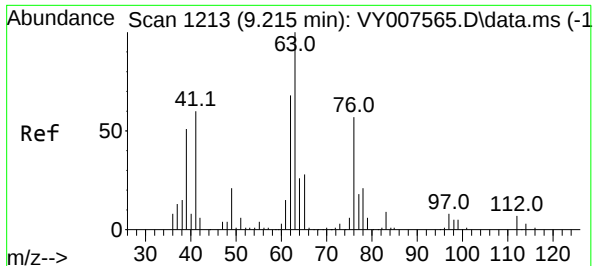
Tgt Ion: 130 Resp: 17460

Ion Ratio Lower Upper

130 100

95 104.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 9.526 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

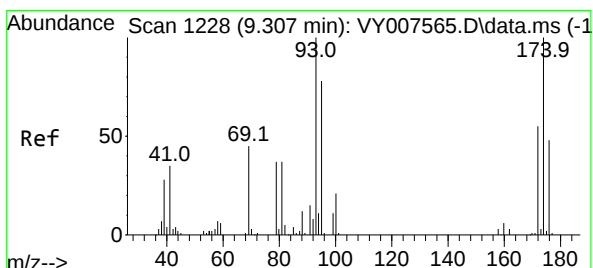
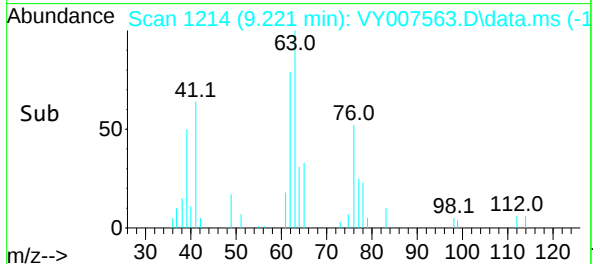
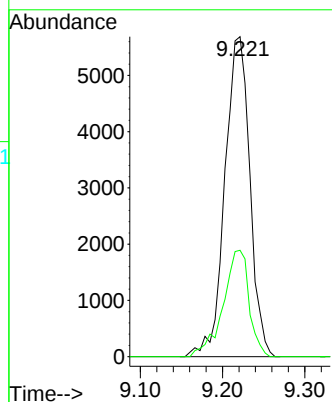
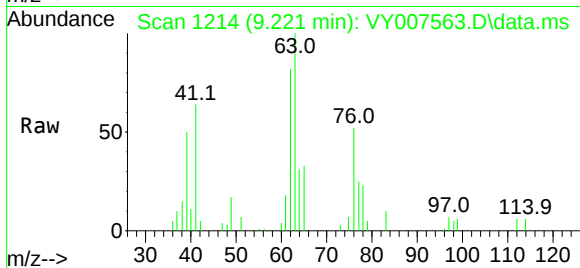
VSTDIC010

Tgt Ion: 63 Resp: 12023

Ion Ratio Lower Upper

63 100

65 33.3 23.0 34.6



#46

Dibromomethane

Concen: 10.445 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

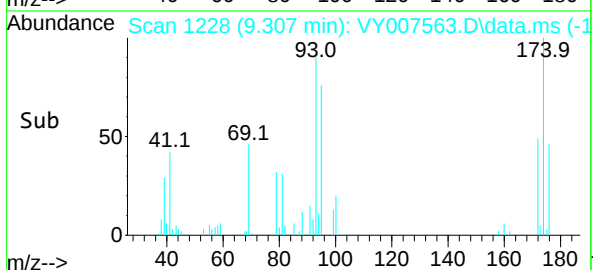
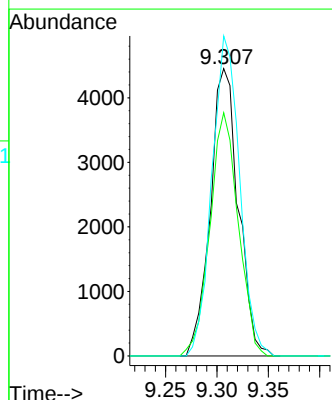
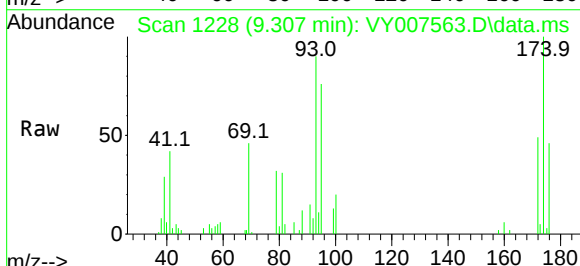
Tgt Ion: 93 Resp: 8471

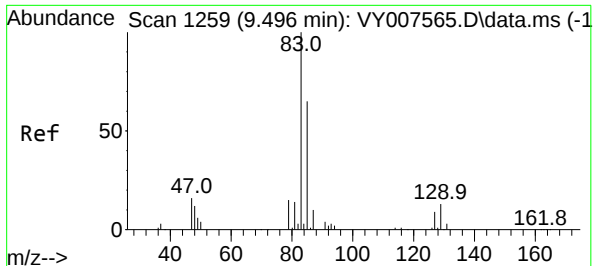
Ion Ratio Lower Upper

93 100

95 85.3 64.3 96.5

174 109.4 83.4 125.0





#47

Bromodichloromethane

Concen: 10.630 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

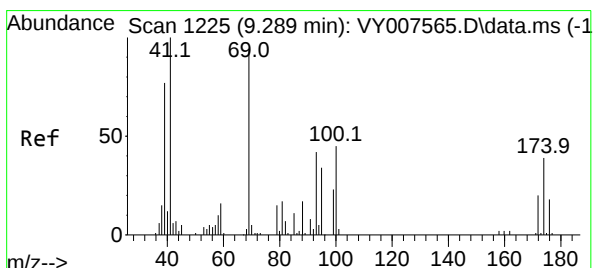
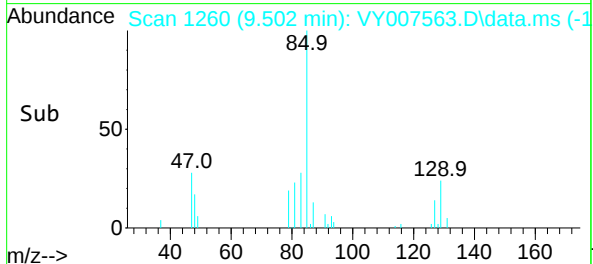
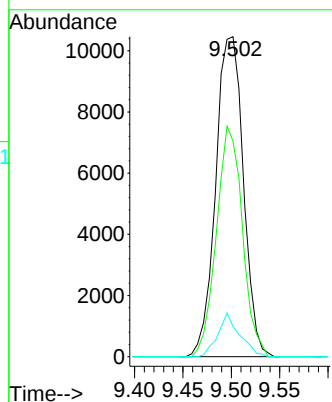
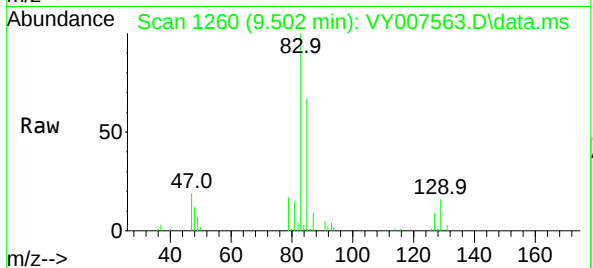
Tgt Ion: 83 Resp: 20805

Ion Ratio Lower Upper

83 100

85 67.4 51.9 77.9

127 9.5 6.6 10.0



#48

Methyl methacrylate

Concen: 8.985 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

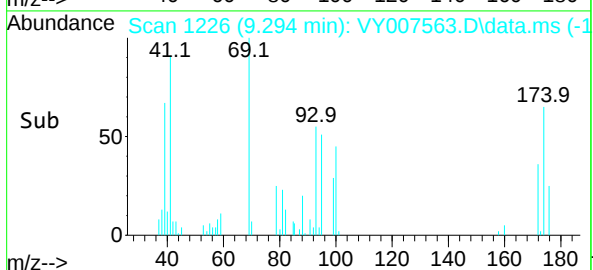
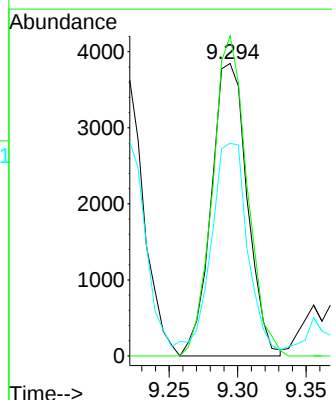
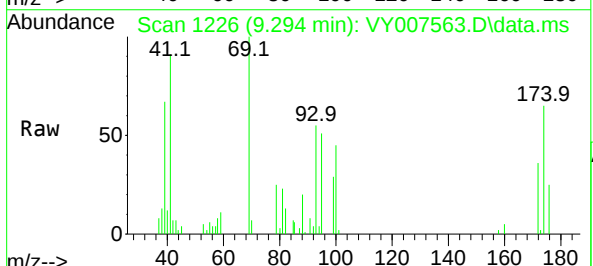
Tgt Ion: 41 Resp: 7020

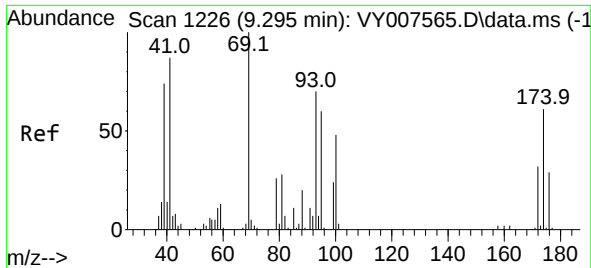
Ion Ratio Lower Upper

41 100

69 105.0 58.2 87.2

39 68.6 47.4 71.0

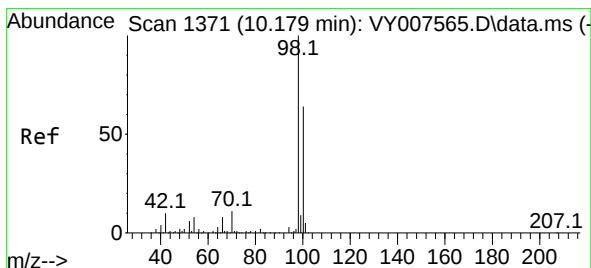
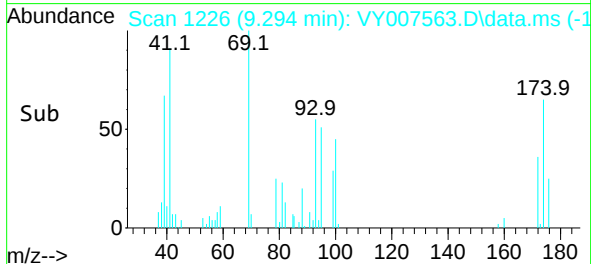
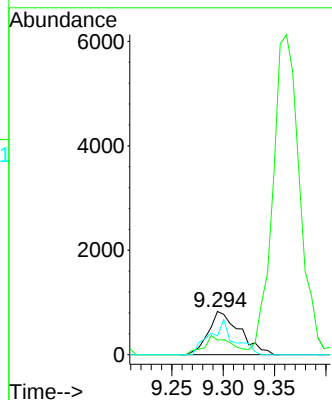
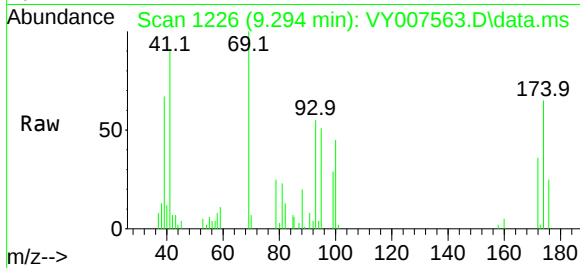




#49
1,4-Dioxane
Concen: 203.045 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

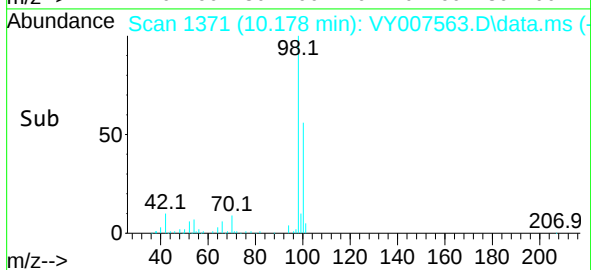
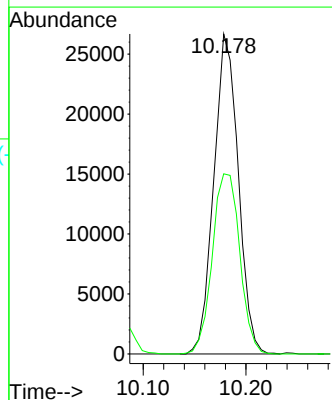
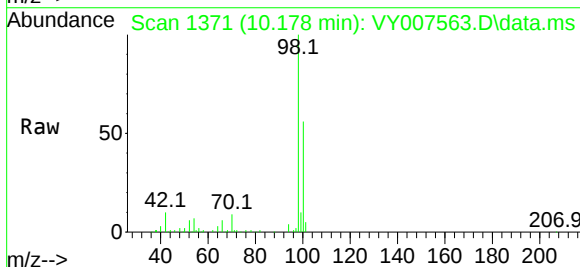
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

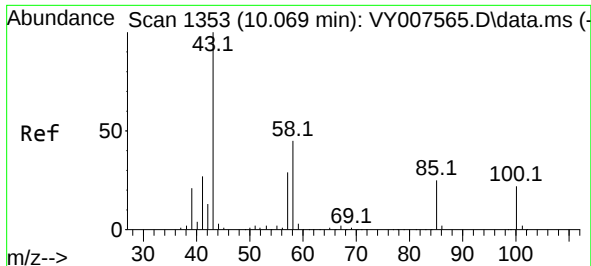
Tgt Ion: 88 Resp: 1763
Ion Ratio Lower Upper
88 100
43 38.3 32.8 49.2
58 61.5 59.8 89.6



#50
Toluene-d8
Concen: 9.537 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 98 Resp: 44049
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

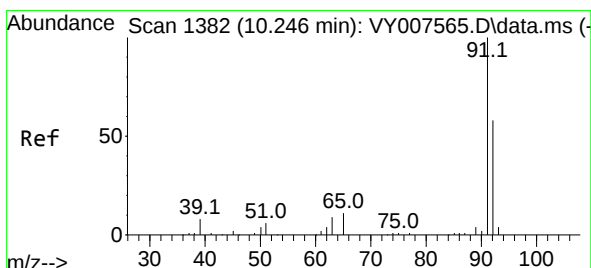
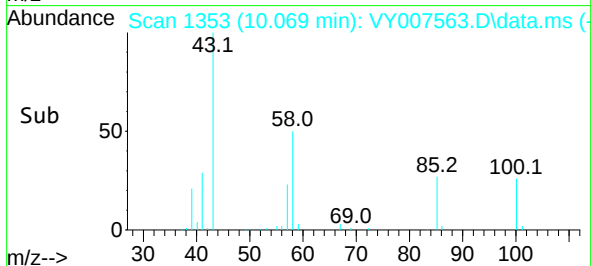
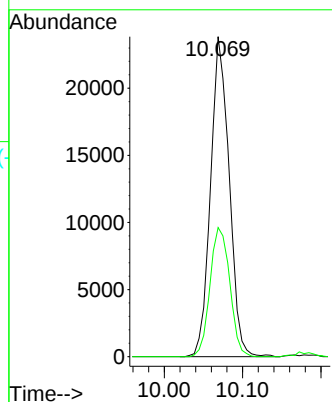
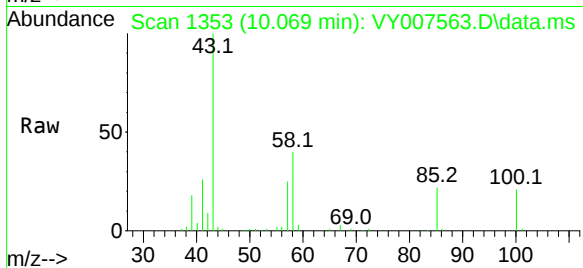




#51
4-Methyl-2-Pentanone
Concen: 44.847 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

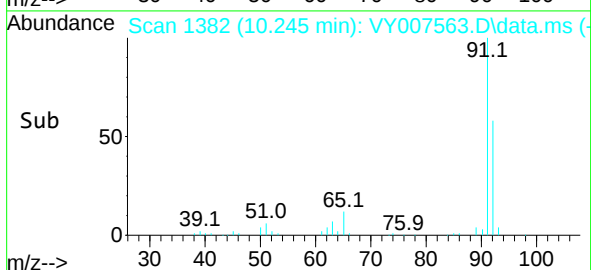
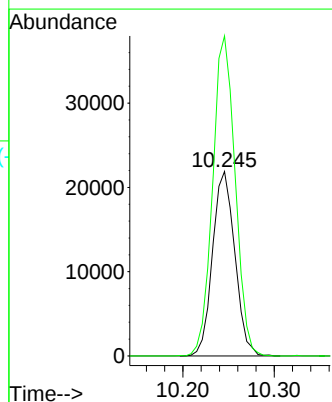
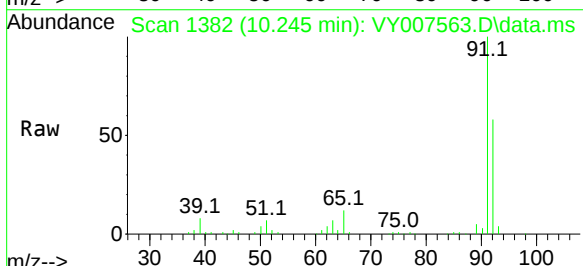
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

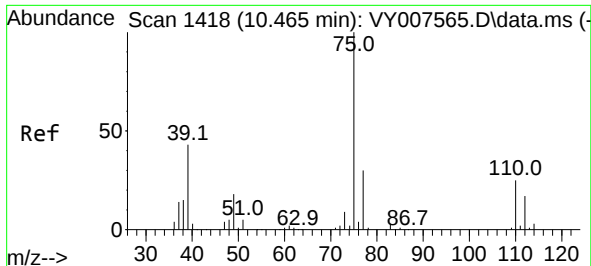
Tgt Ion: 43 Resp: 39334
Ion Ratio Lower Upper
43 100
58 42.9 28.1 42.1#



#52
Toluene
Concen: 10.757 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 92 Resp: 37076
Ion Ratio Lower Upper
92 100
91 175.2 142.6 213.8

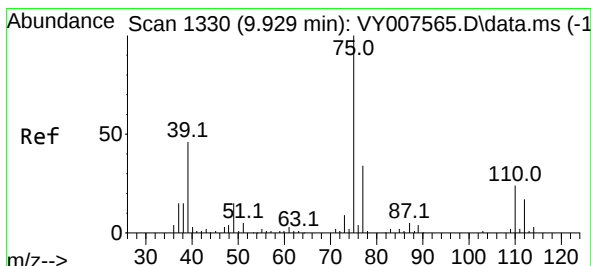
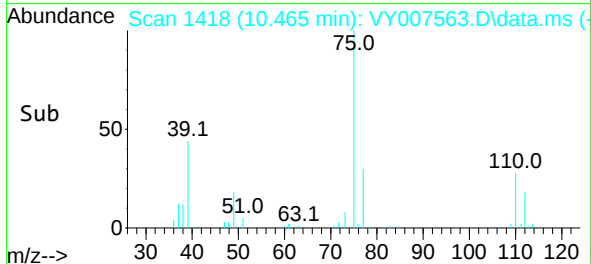
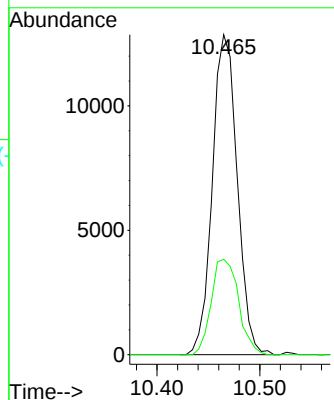
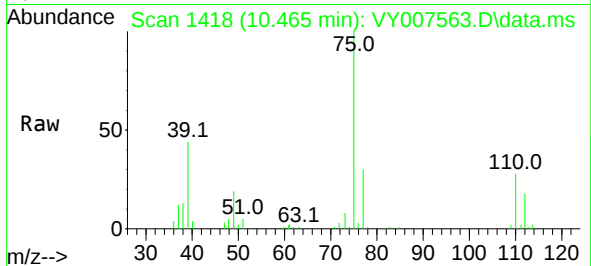




#53
 t-1,3-Dichloropropene
 Concen: 10.705 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

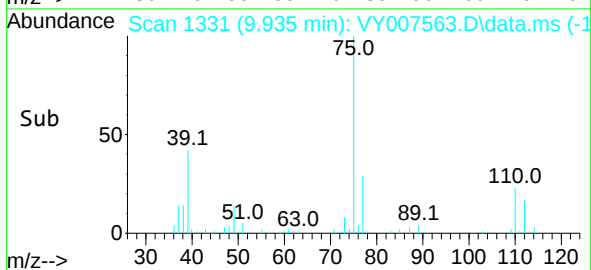
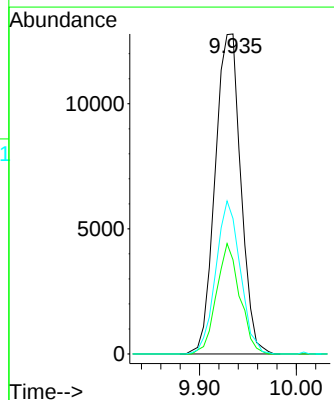
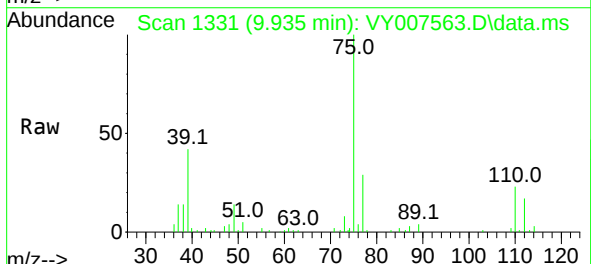
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

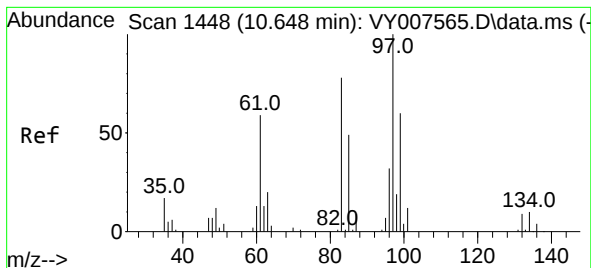
Tgt Ion: 75 Resp: 21585
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 10.475 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

Tgt Ion: 75 Resp: 23549
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.6 38.4
 39 42.3 47.6 71.4#



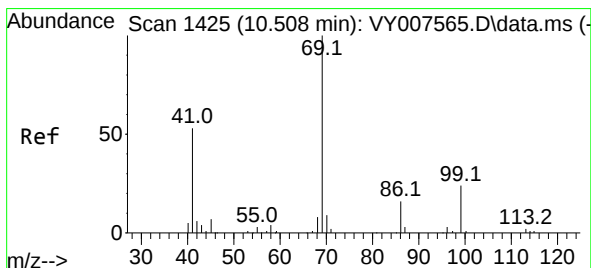
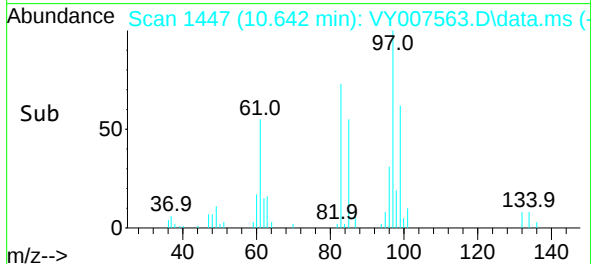
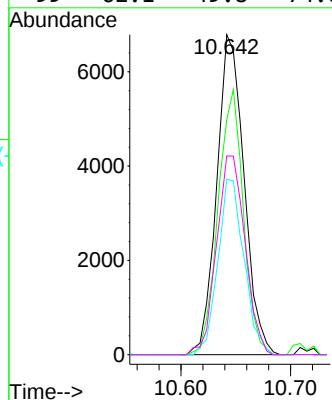
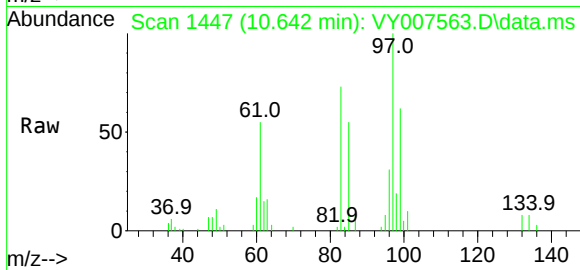


#55
1,1,2-Trichloroethane
Concen: 11.034 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 97 Resp: 11743

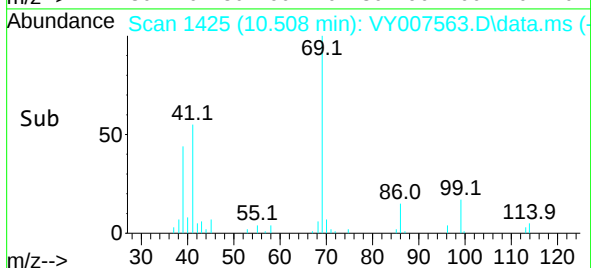
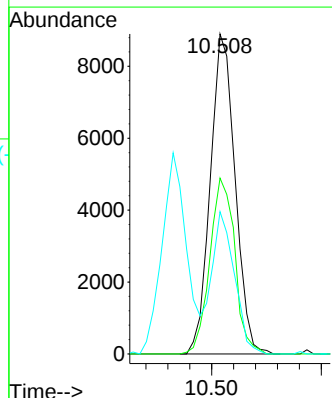
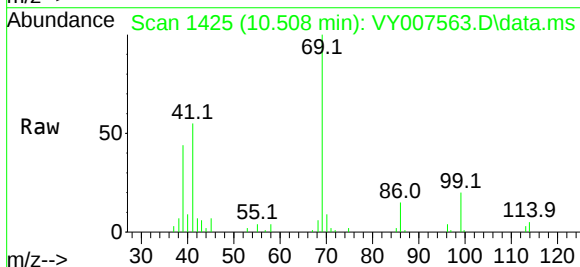
Ion	Ratio	Lower	Upper
97	100		
83	73.4	69.8	104.8
85	54.8	44.3	66.5
99	62.1	49.8	74.6

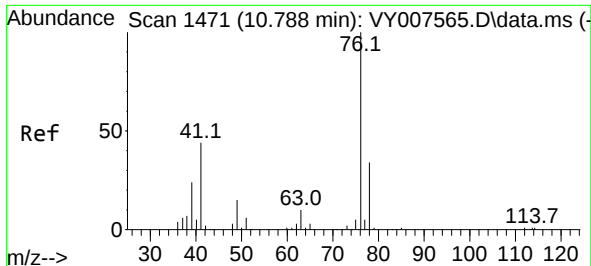


#56
Ethyl methacrylate
Concen: 9.892 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 69 Resp: 13974

Ion	Ratio	Lower	Upper
69	100		
41	55.5	63.4	95.0#
39	41.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 10.293 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

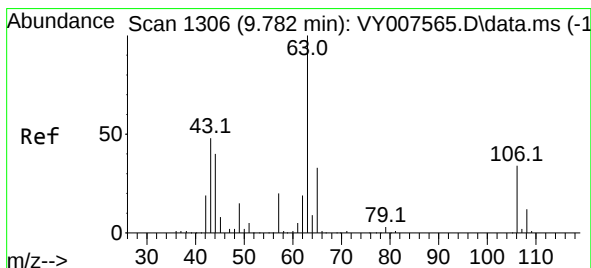
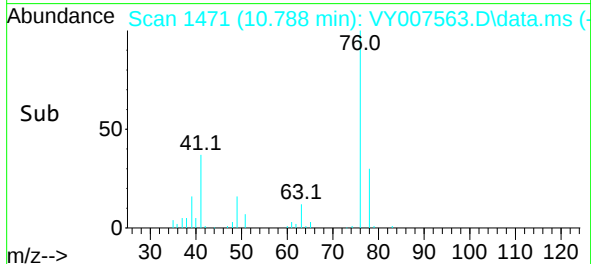
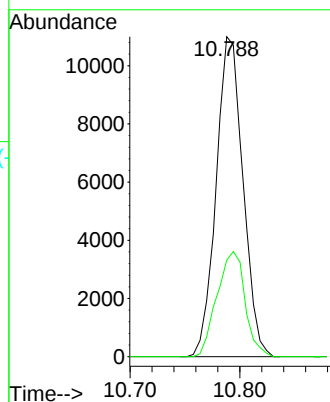
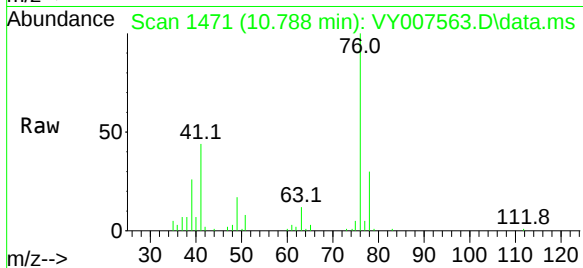
VSTDIC010

Tgt Ion: 76 Resp: 18701

Ion Ratio Lower Upper

76 100

78 34.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 44.594 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007563.D

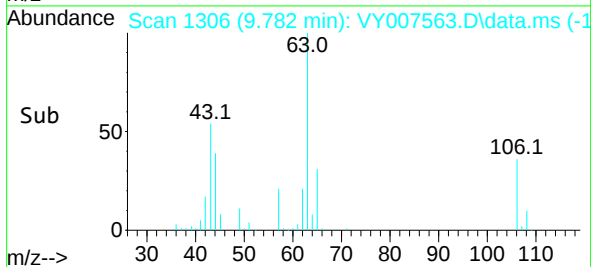
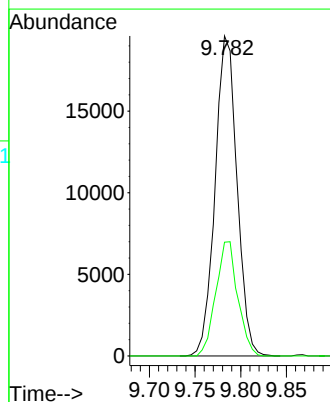
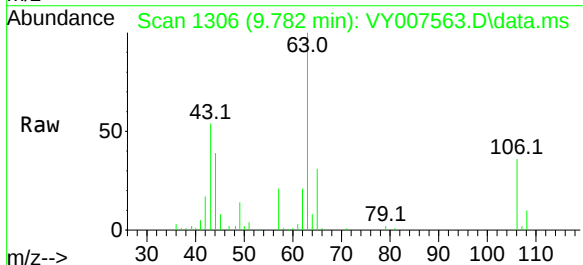
Acq: 21 Feb 2022 12:09

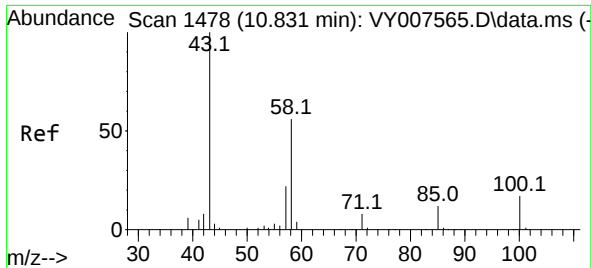
Tgt Ion: 63 Resp: 32722

Ion Ratio Lower Upper

63 100

106 35.7 21.5 32.3#

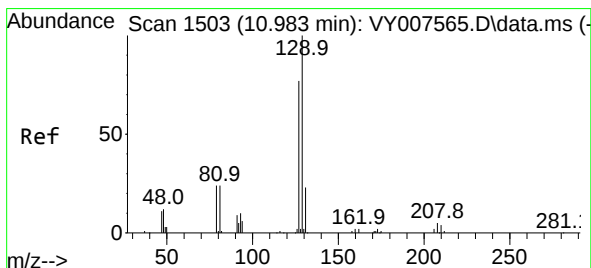
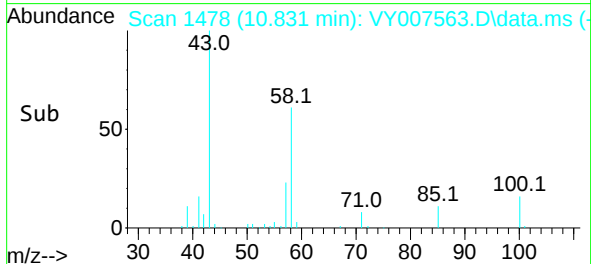
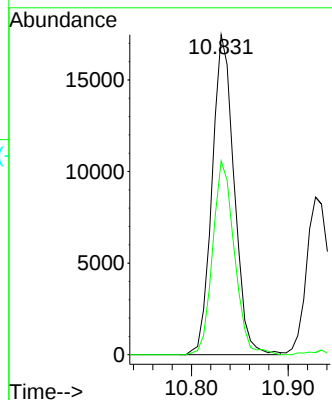
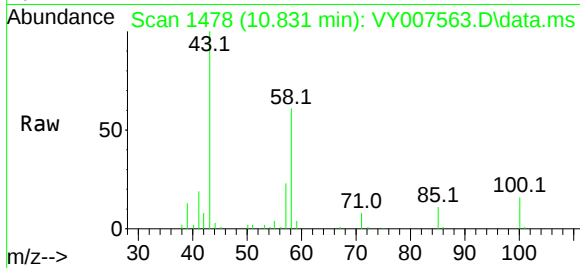




#59
2-Hexanone
Concen: 44.104 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

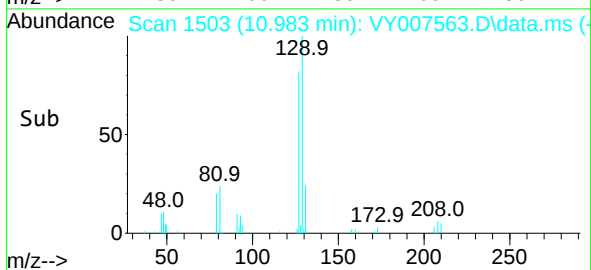
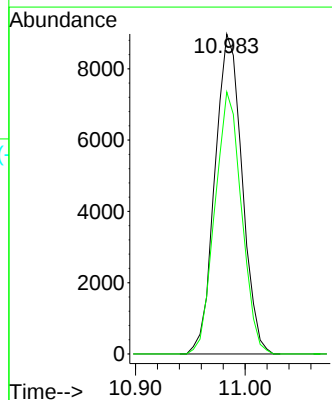
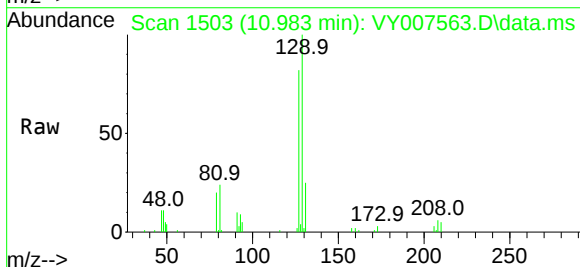
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

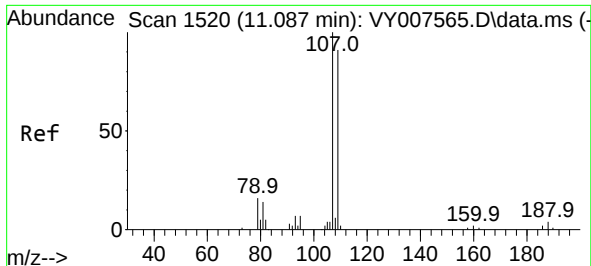
Tgt Ion: 43 Resp: 27645
Ion Ratio Lower Upper
43 100
58 59.6 24.4 73.4



#60
Dibromochloromethane
Concen: 11.296 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 129 Resp: 15445
Ion Ratio Lower Upper
129 100
127 80.4 38.7 116.1

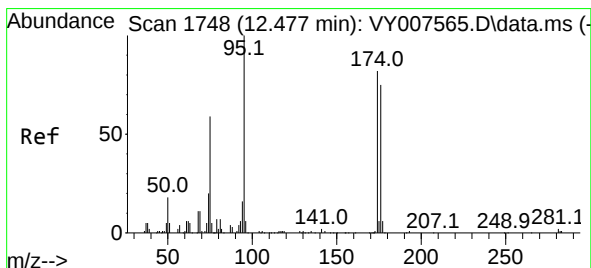
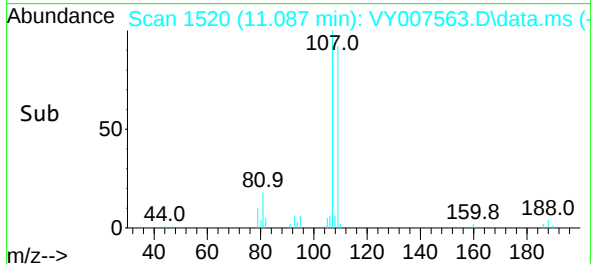
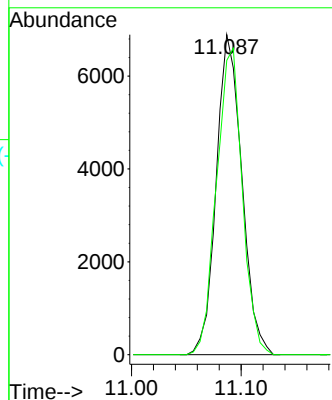
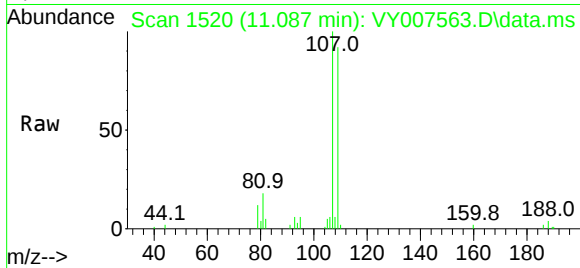




#61
1,2-Dibromoethane
Concen: 10.443 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

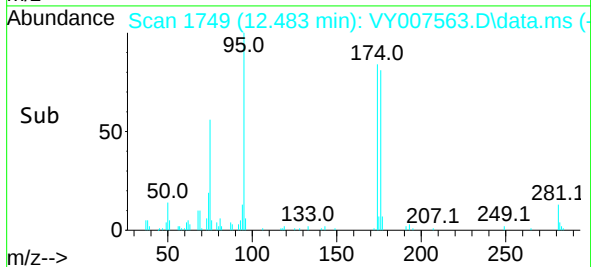
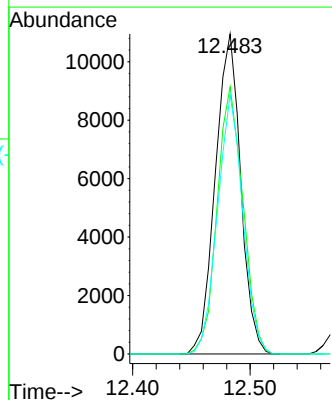
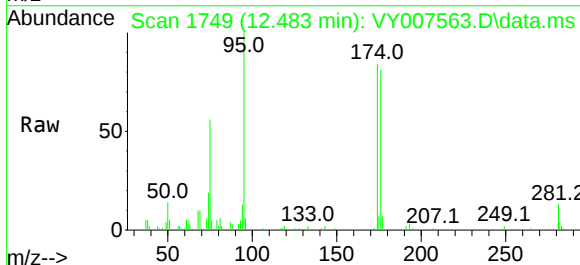
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

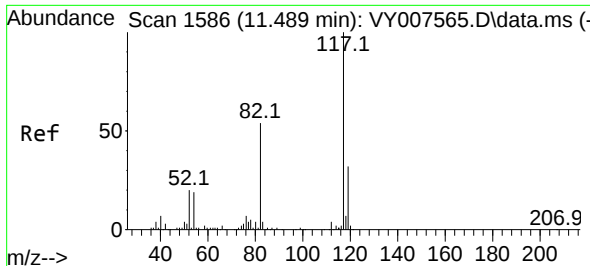
Tgt Ion:107 Resp: 11183
Ion Ratio Lower Upper
107 100
109 96.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 10.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 95 Resp: 16385
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.0 0.0 175.8

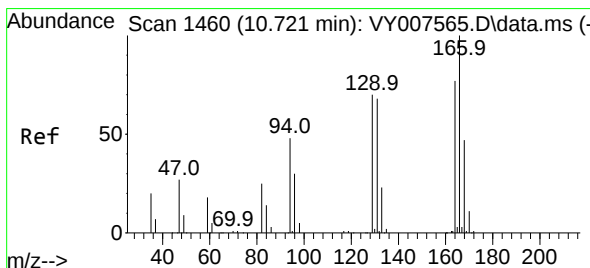
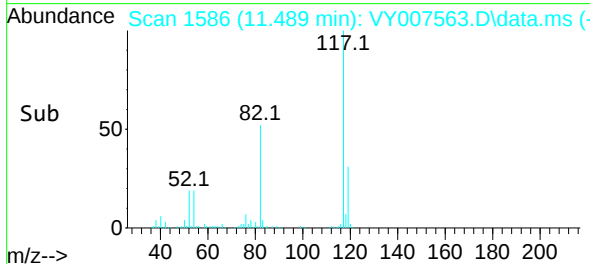
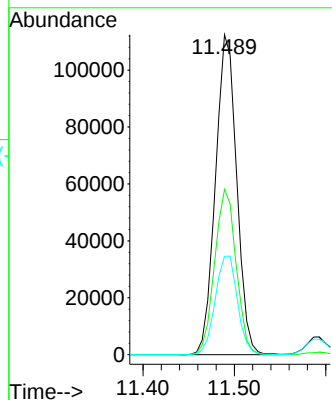
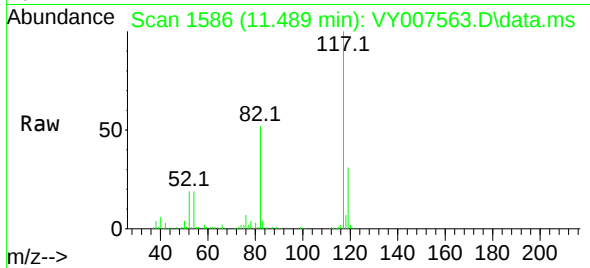




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

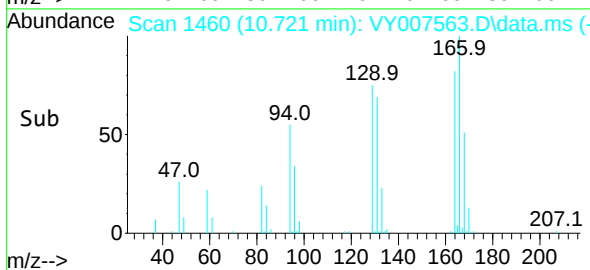
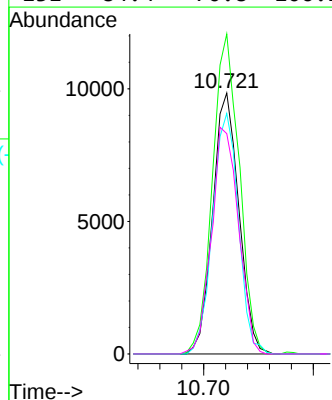
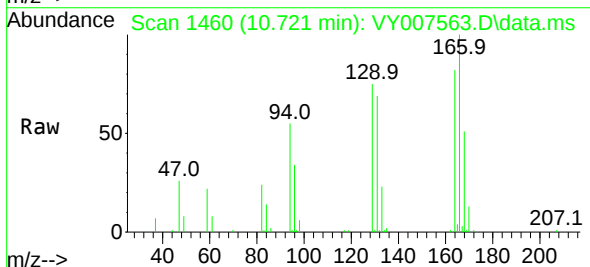
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

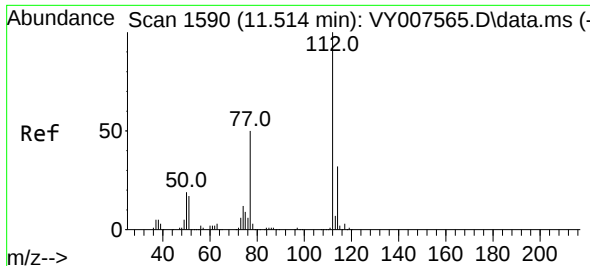
Tgt Ion:117 Resp: 181514
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 11.502 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion:164 Resp: 16301
Ion Ratio Lower Upper
164 100
166 122.6 100.4 150.6
129 92.2 71.4 107.0
131 84.4 70.8 106.2

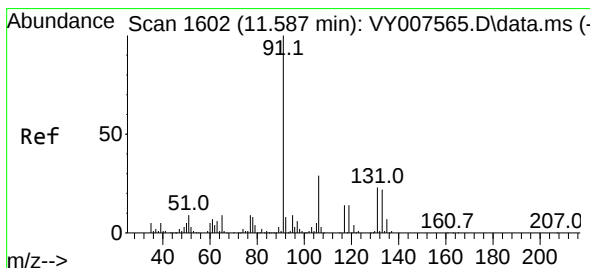
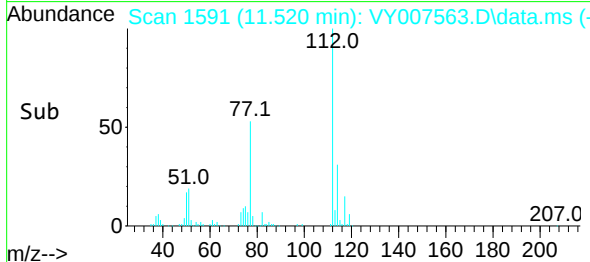
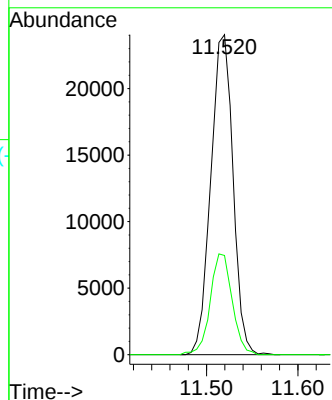
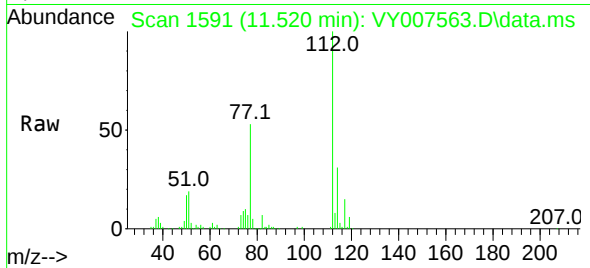




#65
Chlorobenzene
Concen: 10.458 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

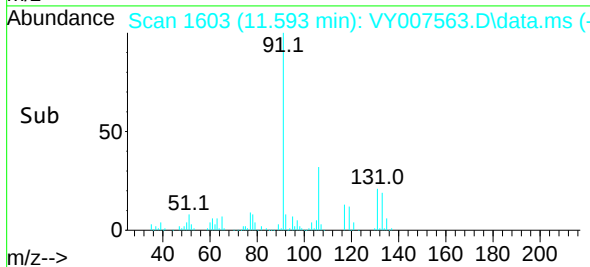
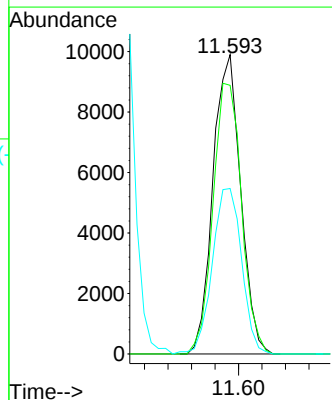
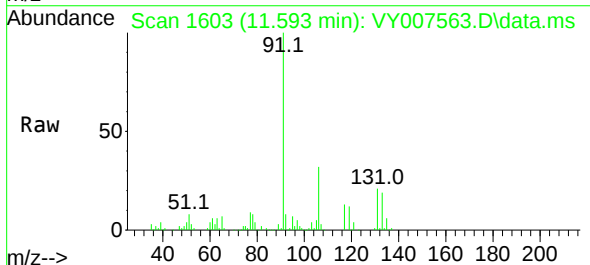
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

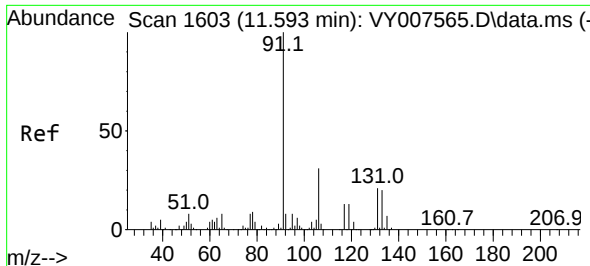
Tgt Ion:112 Resp: 40556
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.950 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion:131 Resp: 16205
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.6
119 58.4 30.8 92.3

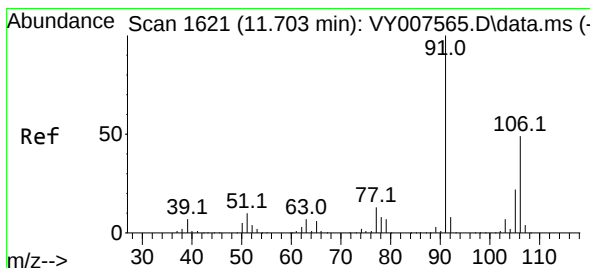
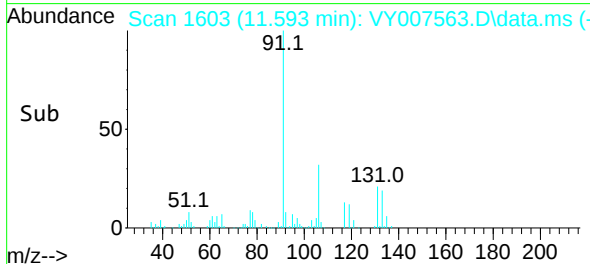
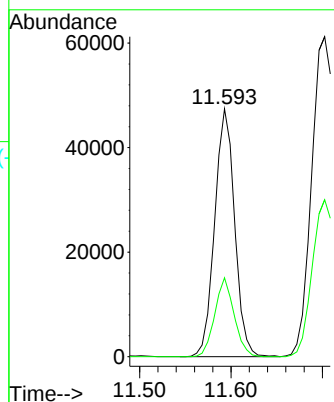
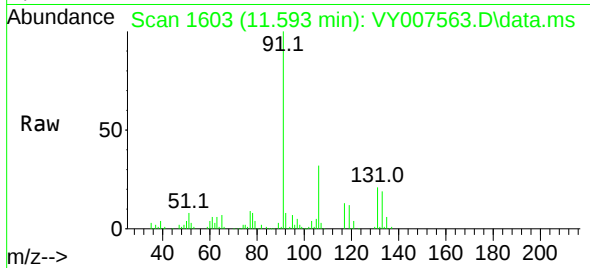




#67
Ethyl Benzene
Concen: 9.993 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

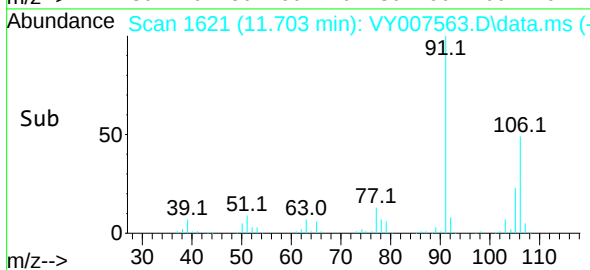
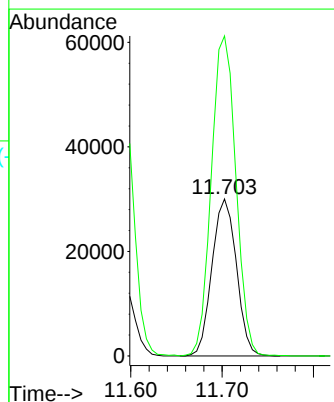
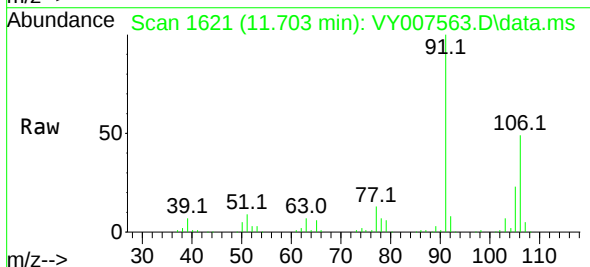
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

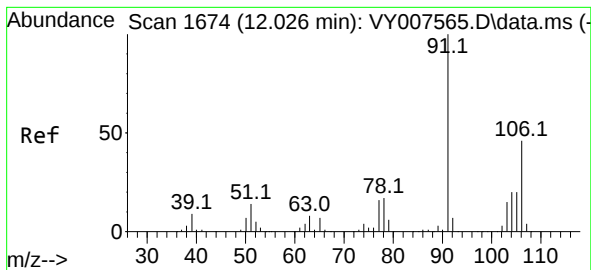
Tgt Ion: 91 Resp: 71974
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 20.428 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion:106 Resp: 55801
Ion Ratio Lower Upper
106 100
91 204.9 166.6 249.8





#69

o-Xylene

Concen: 10.281 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

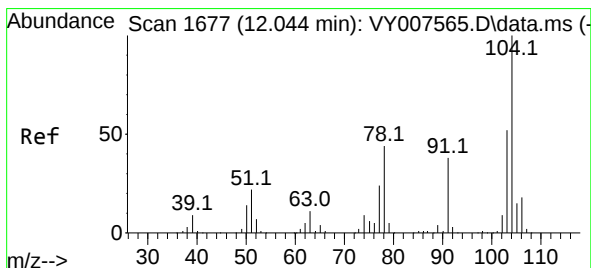
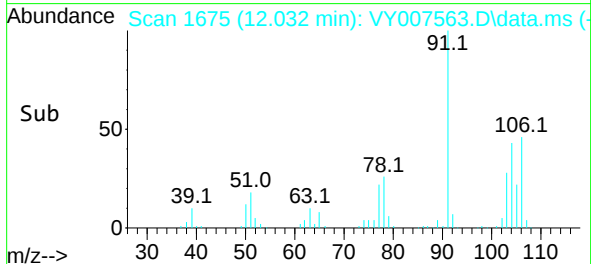
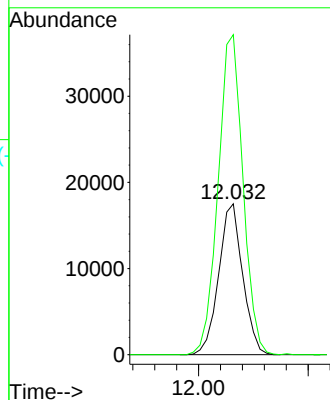
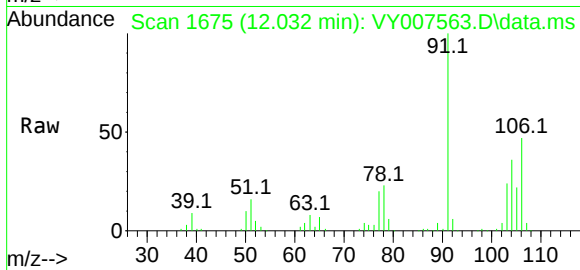
VSTDIC010

Tgt Ion:106 Resp: 26623

Ion Ratio Lower Upper

106 100

91 219.8 110.3 331.0



#70

Styrene

Concen: 10.164 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

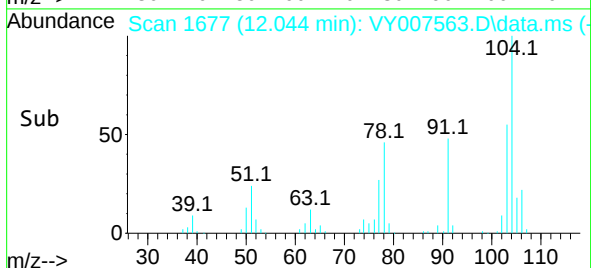
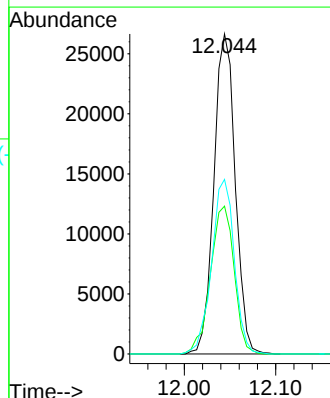
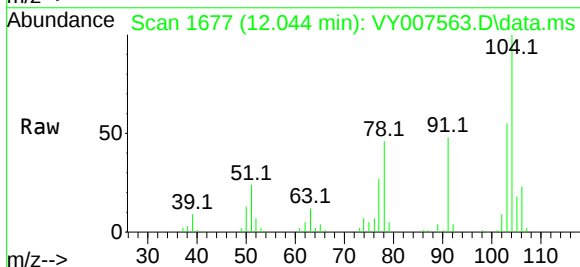
Tgt Ion:104 Resp: 43263

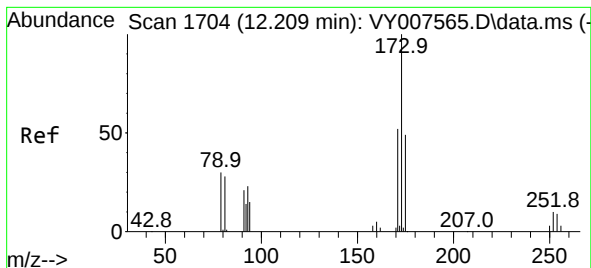
Ion Ratio Lower Upper

104 100

78 51.3 42.4 63.6

103 58.1 44.4 66.6





#71

Bromoform

Concen: 11.593 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

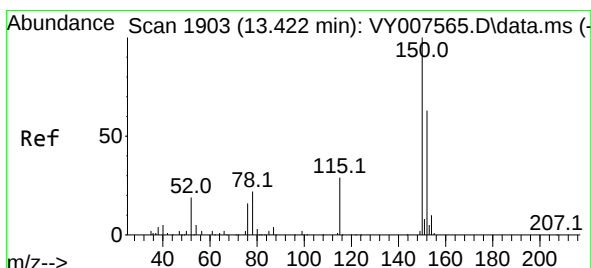
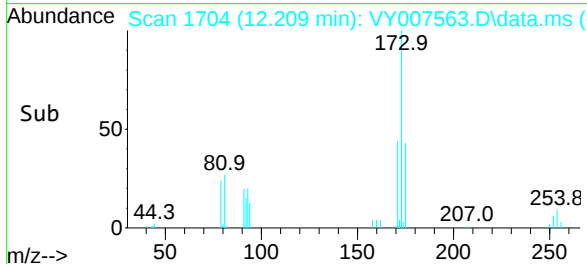
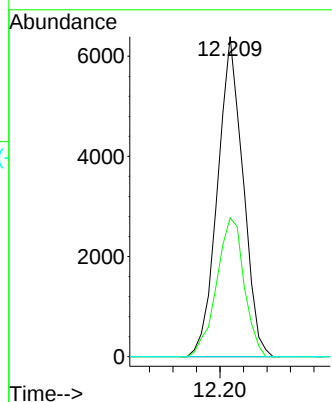
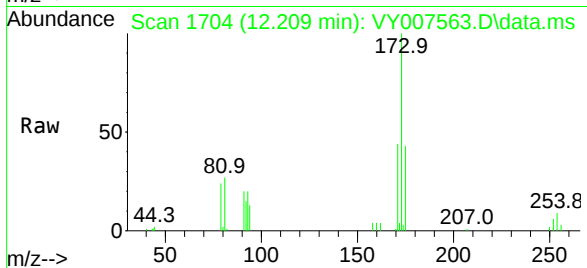
Tgt Ion:173 Resp: 9604

Ion Ratio Lower Upper

173 100

175 46.8 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

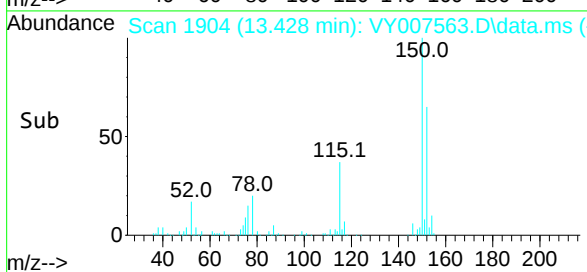
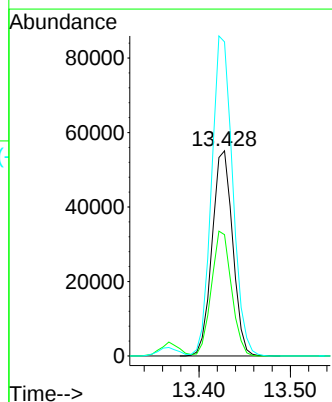
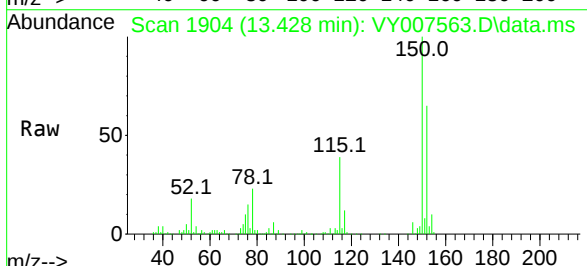
Tgt Ion:152 Resp: 85980

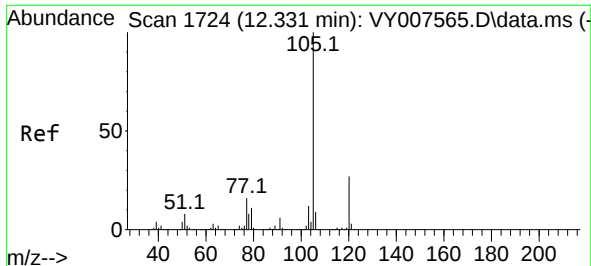
Ion Ratio Lower Upper

152 100

115 59.5 28.2 84.7

150 159.9 0.0 347.6

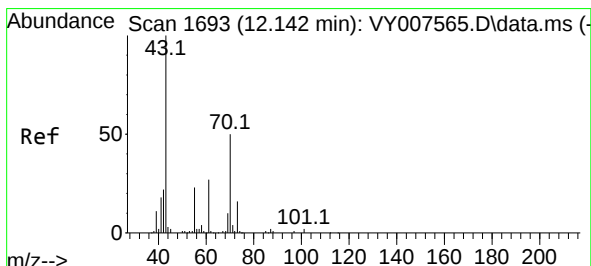
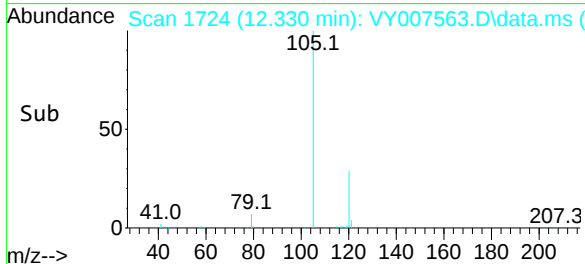
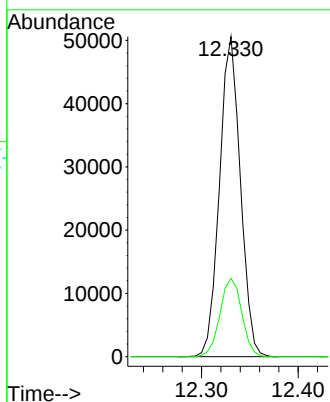
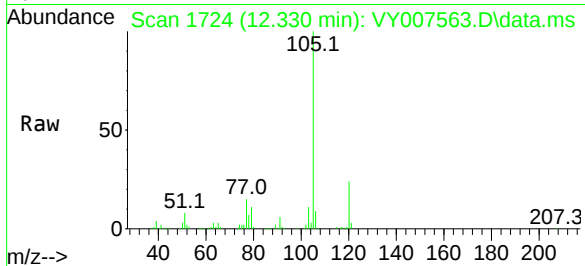




#73
Isopropylbenzene
Concen: 10.233 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

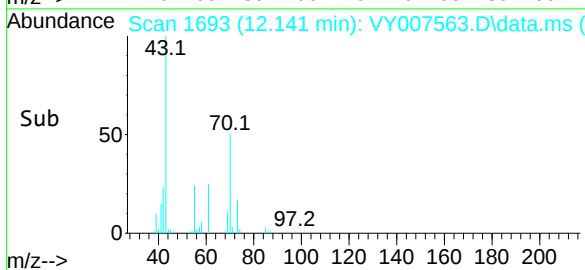
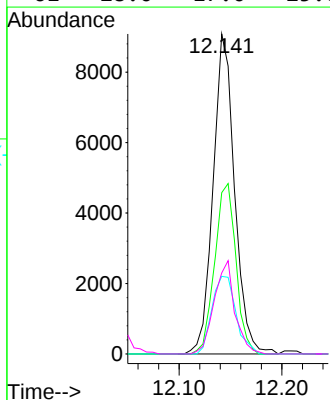
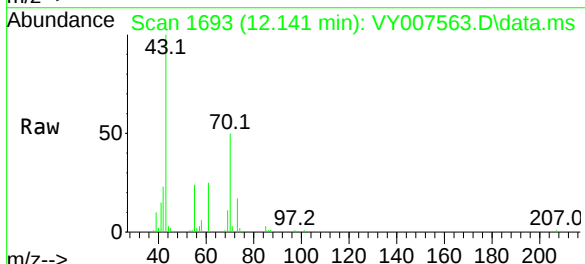
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

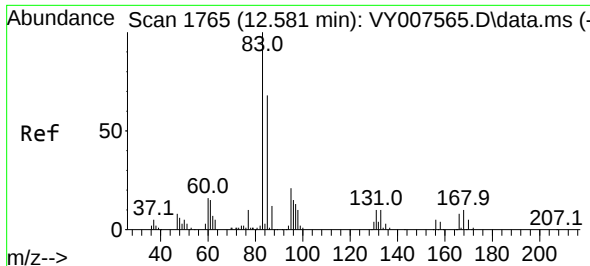
Tgt Ion:105 Resp: 75652
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.2



#74
N-ethyl acetate
Concen: 8.046 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 43 Resp: 13167
Ion Ratio Lower Upper
43 100
70 52.6 28.7 43.1#
55 27.0 17.3 25.9#
61 28.0 17.0 25.6#

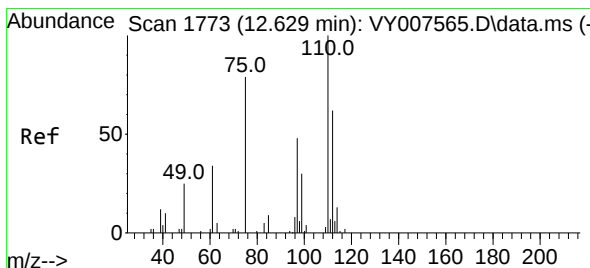
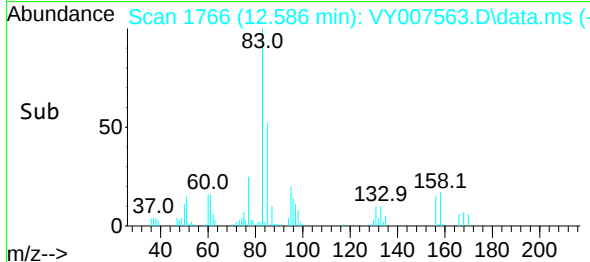
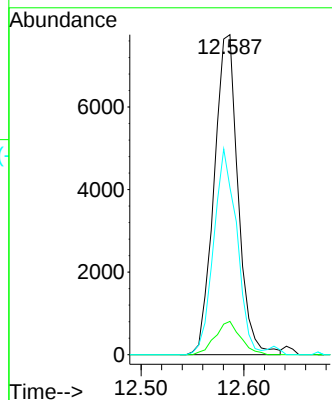
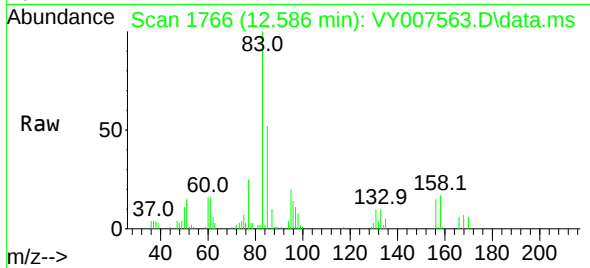




#75
1,1,2,2-Tetrachloroethane
Concen: 9.952 ug/l
RT: 12.586 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

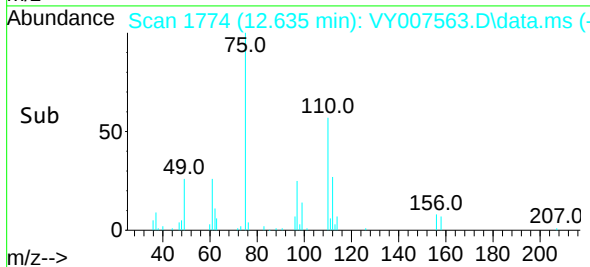
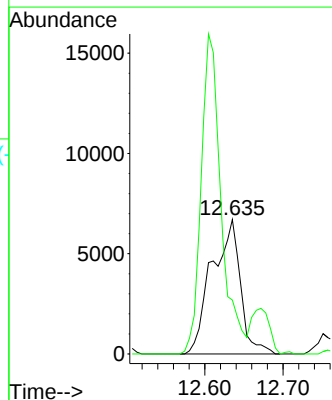
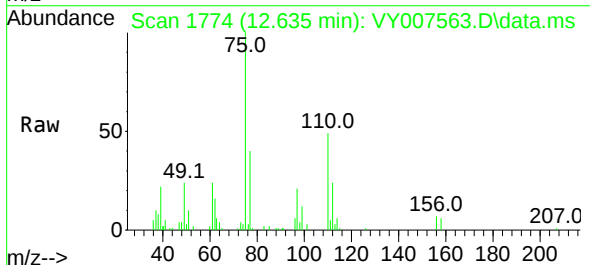
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

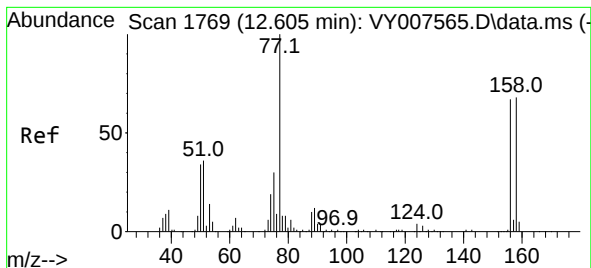
Tgt Ion: 83 Resp: 12563
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 62.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 17.362 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 75 Resp: 17029
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.316 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

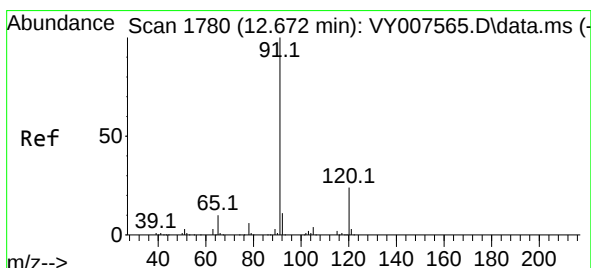
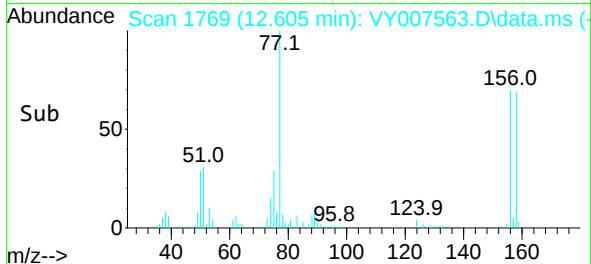
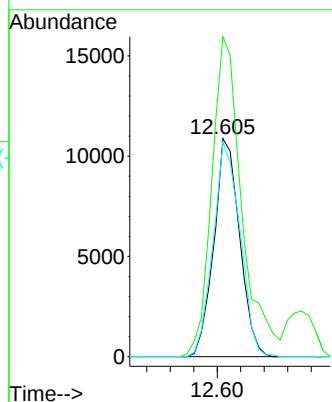
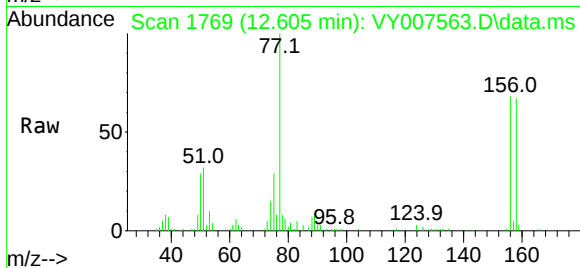
Tgt Ion:156 Resp: 16564

Ion Ratio Lower Upper

156 100

77 170.6 95.5 286.4

158 102.9 48.0 144.0



#78

n-propylbenzene

Concen: 10.014 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY007563.D

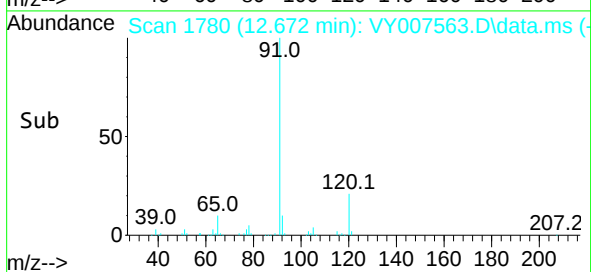
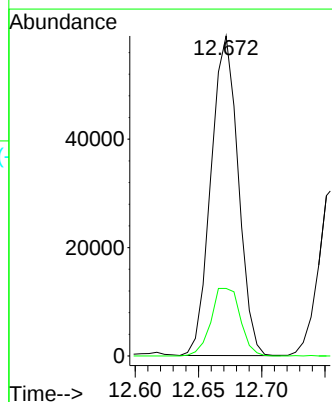
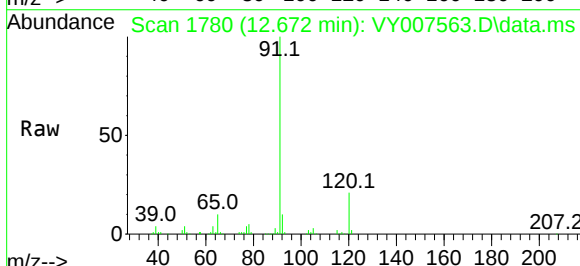
Acq: 21 Feb 2022 12:09

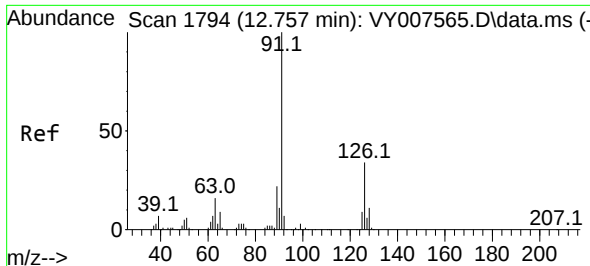
Tgt Ion: 91 Resp: 88445

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

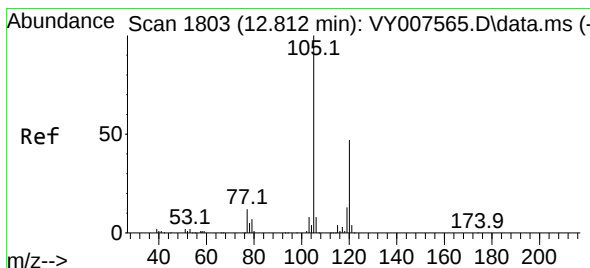
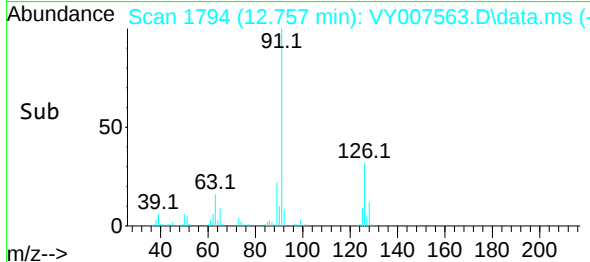
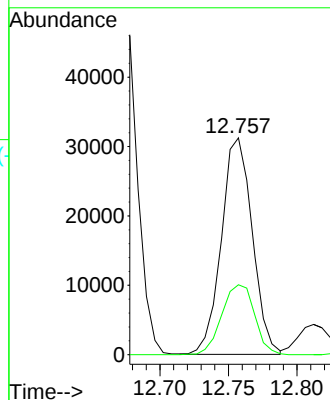
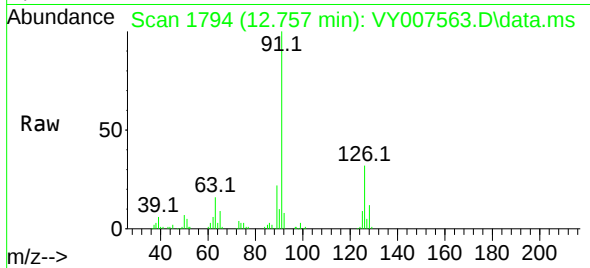




#79
2-Chlorotoluene
Concen: 10.064 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

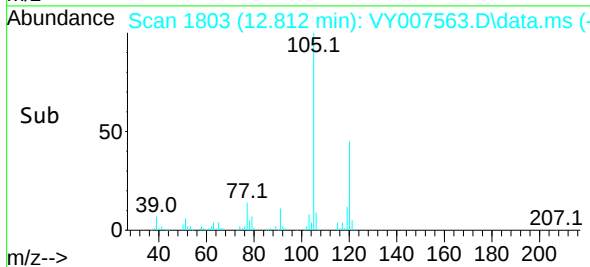
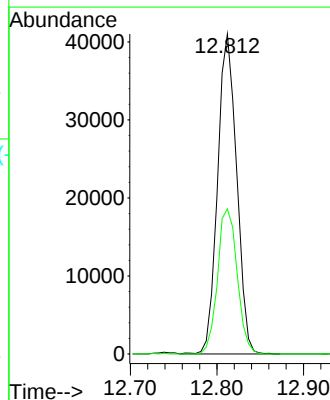
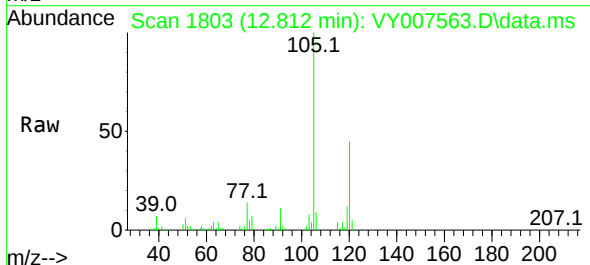
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

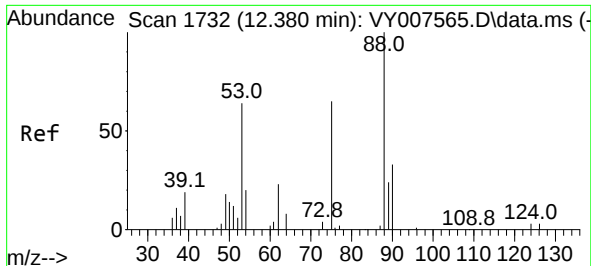
Tgt Ion: 91 Resp: 49023
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 10.208 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 105 Resp: 62607
Ion Ratio Lower Upper
105 100
120 46.7 24.4 73.4

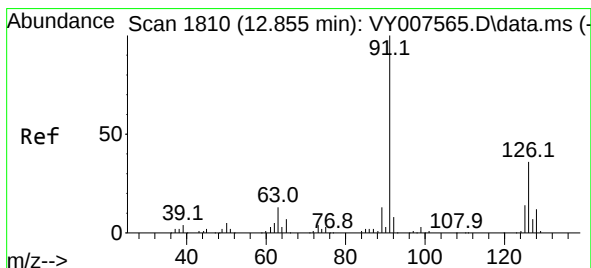
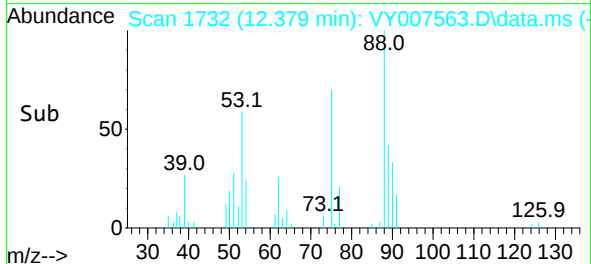
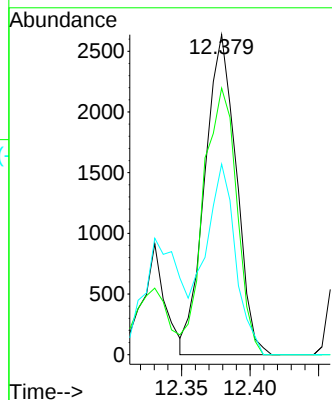
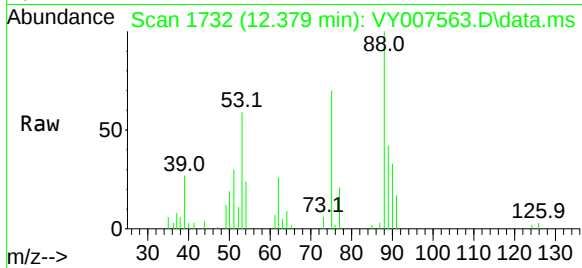




#81
trans-1,4-Dichloro-2-butene
Concen: 9.180 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

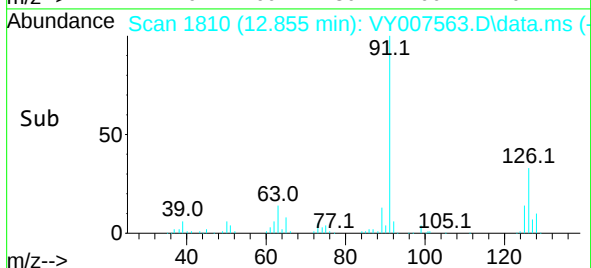
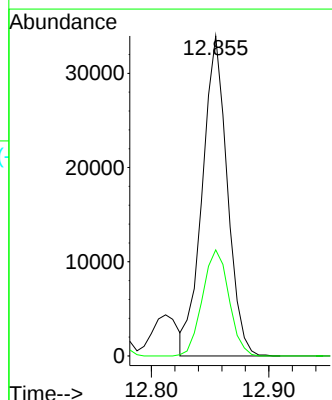
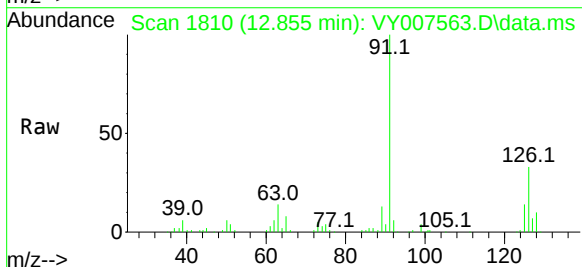
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

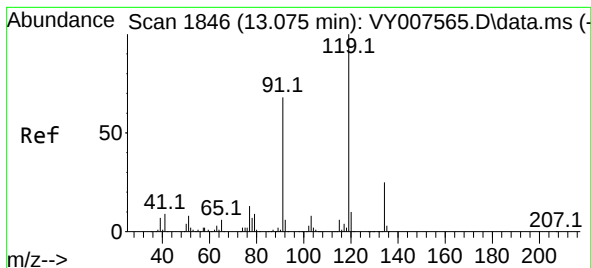
Tgt Ion: 75 Resp: 4196
Ion Ratio Lower Upper
75 100
53 87.8 85.3 127.9
89 57.2 37.0 55.4#



#82
4-Chlorotoluene
Concen: 10.002 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion: 91 Resp: 49998
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 10.320 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

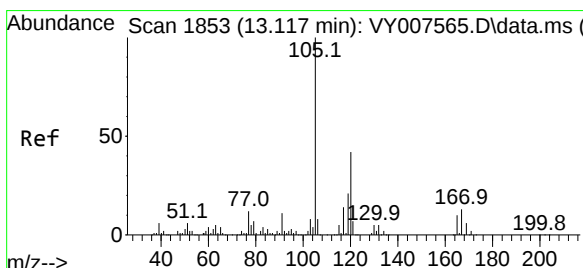
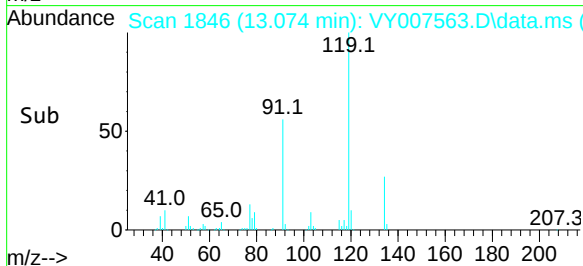
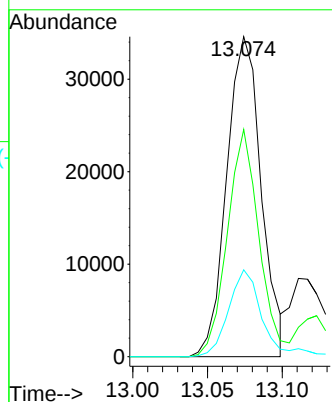
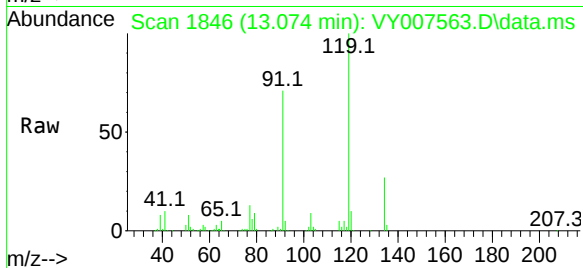
Tgt Ion:119 Resp: 55558

Ion Ratio Lower Upper

119 100

91 65.3 34.8 104.4

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 10.071 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY007563.D

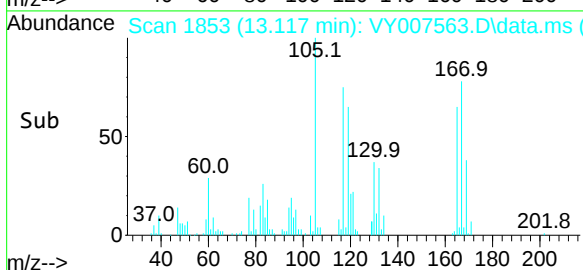
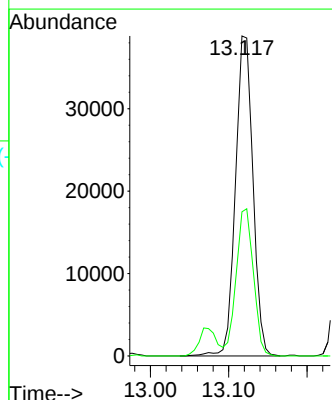
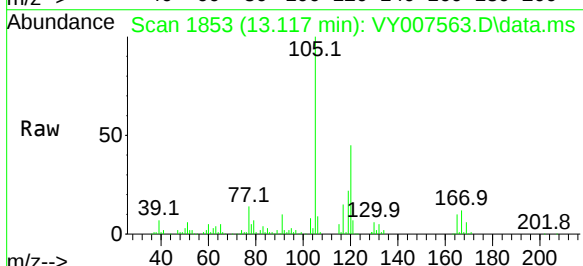
Acq: 21 Feb 2022 12:09

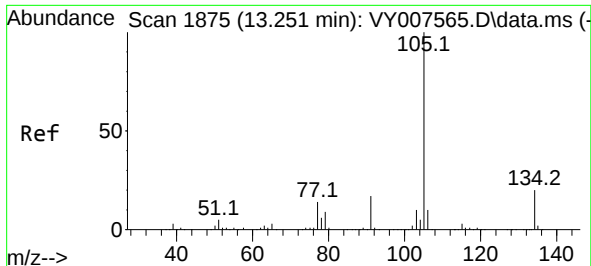
Tgt Ion:105 Resp: 60084

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.9

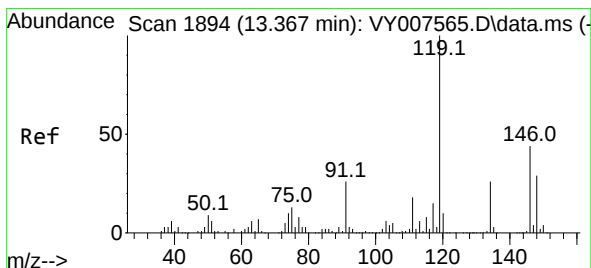
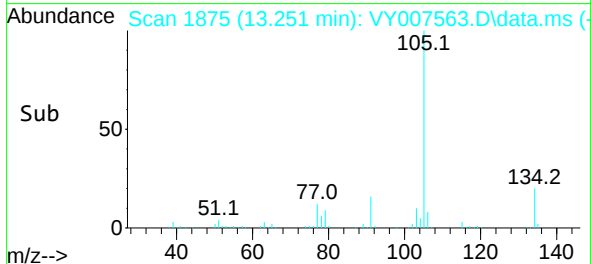
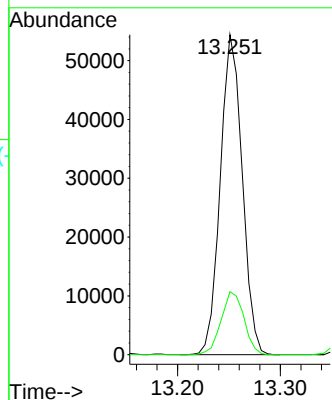
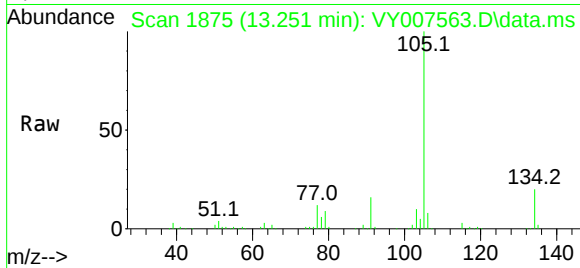




#85
 sec-Butylbenzene
 Concen: 10.205 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

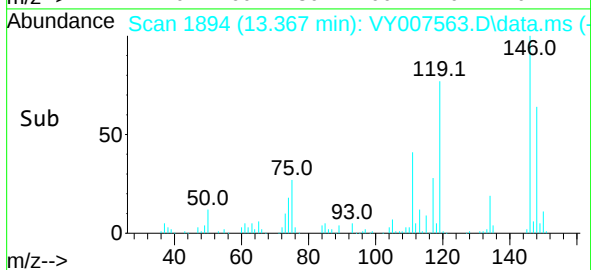
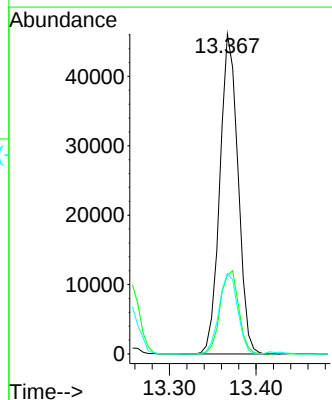
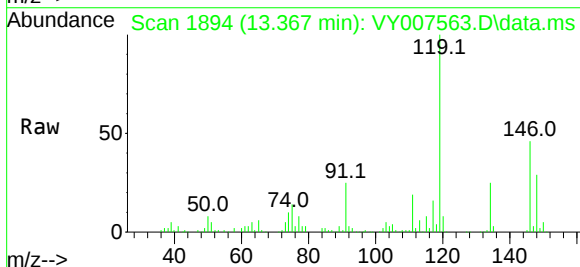
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

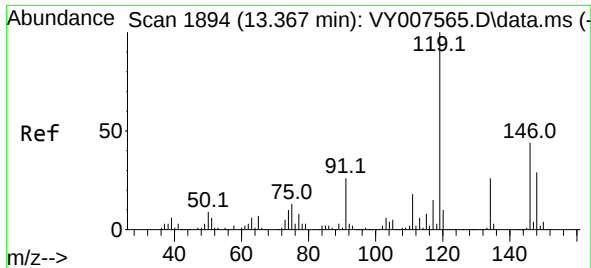
Tgt Ion:105 Resp: 80565
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 10.271 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007563.D
 Acq: 21 Feb 2022 12:09

Tgt Ion:119 Resp: 67067
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 25.9 12.4 37.2

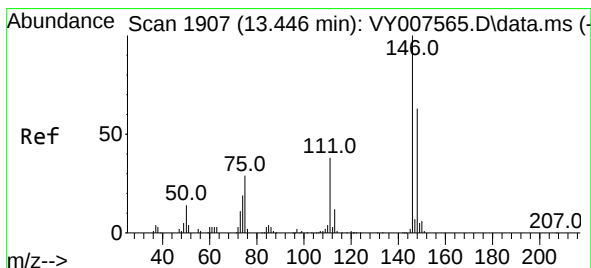
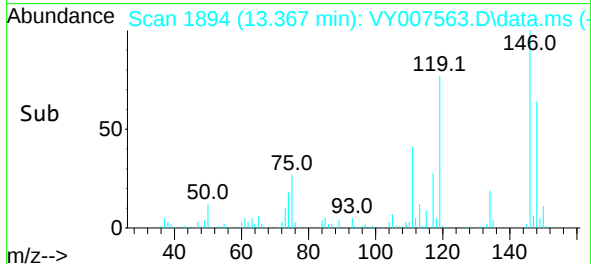
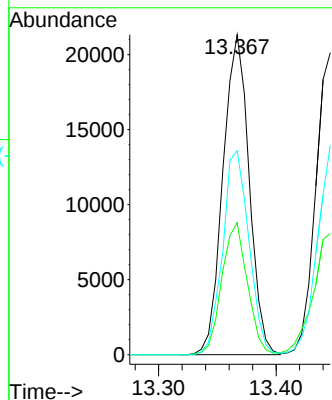
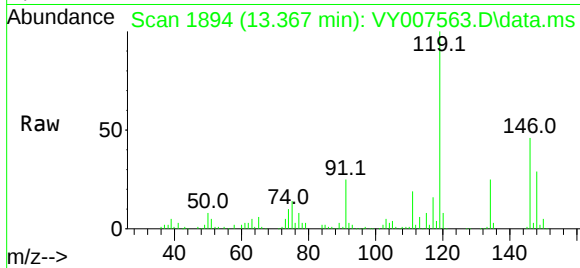




#87
1,3-Dichlorobenzene
Concen: 10.596 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

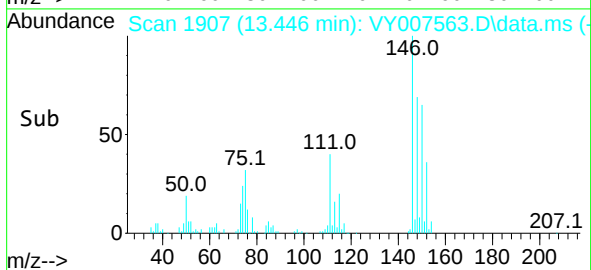
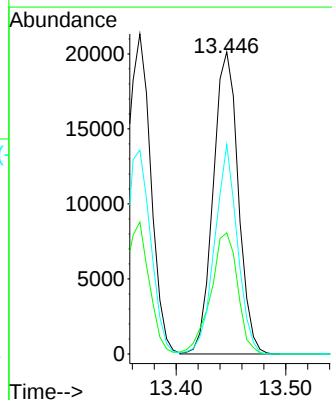
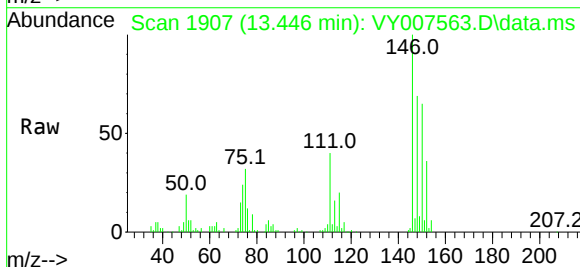
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

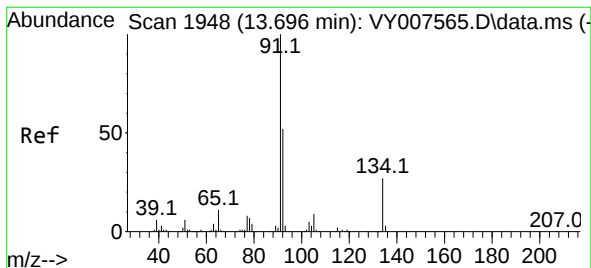
Tgt Ion:146 Resp: 32974
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 64.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 10.328 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007563.D
Acq: 21 Feb 2022 12:09

Tgt Ion:146 Resp: 31997
Ion Ratio Lower Upper
146 100
111 43.1 19.3 57.8
148 62.9 32.6 97.8





#89

n-Butylbenzene

Concen: 10.023 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

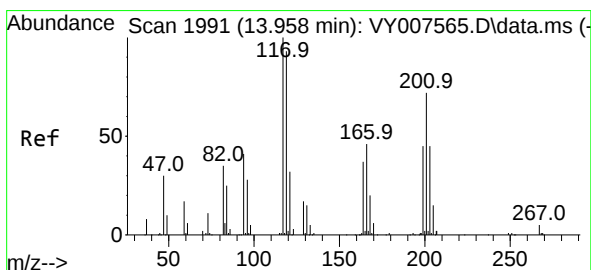
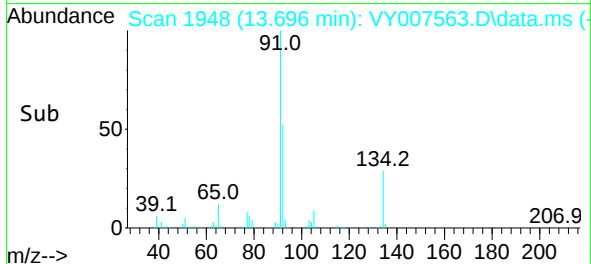
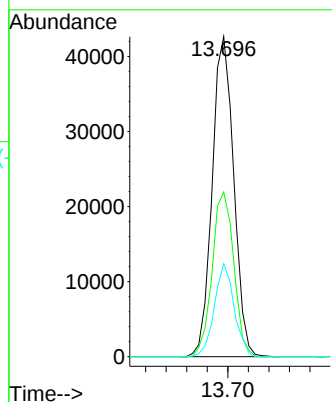
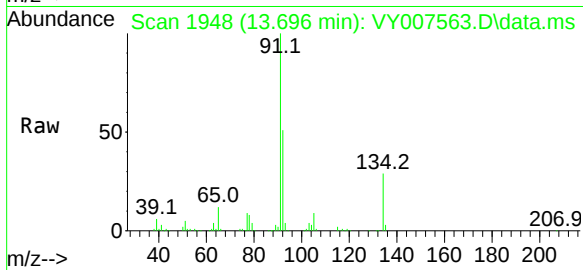
Tgt Ion: 91 Resp: 61939

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

134 26.8 13.0 38.9



#90

Hexachloroethane

Concen: 10.596 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY007563.D

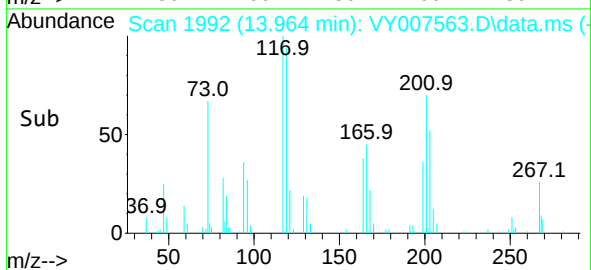
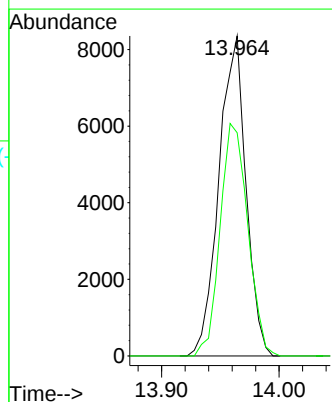
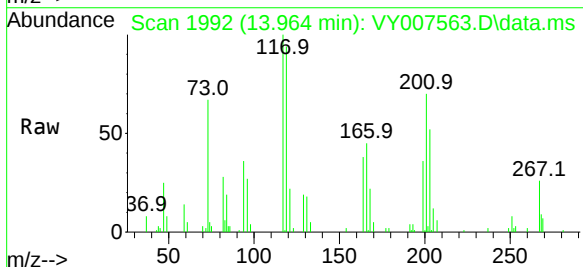
Acq: 21 Feb 2022 12:09

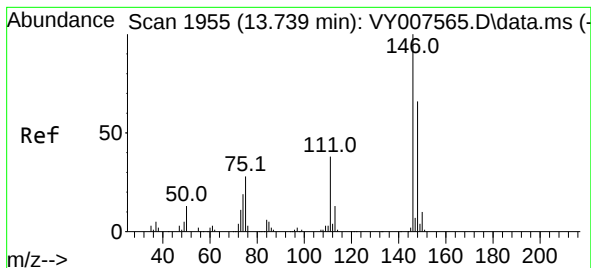
Tgt Ion: 117 Resp: 13370

Ion Ratio Lower Upper

117 100

201 74.3 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 10.512 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

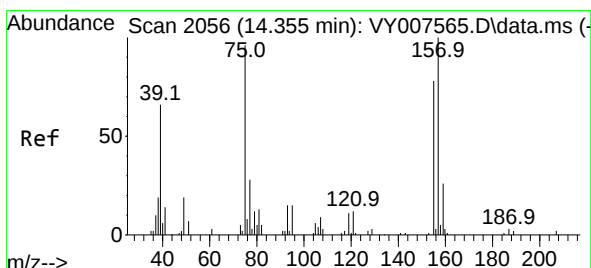
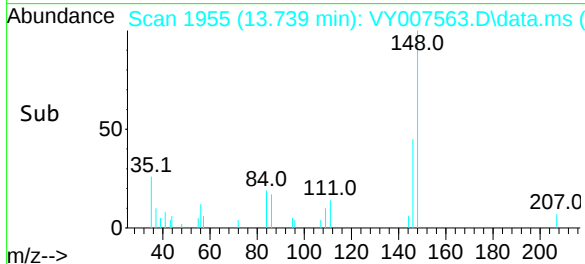
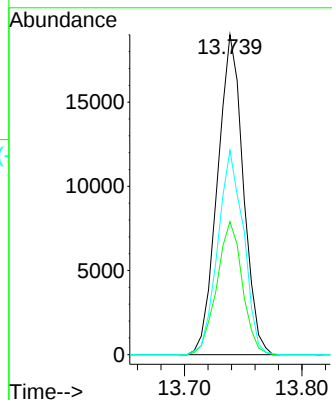
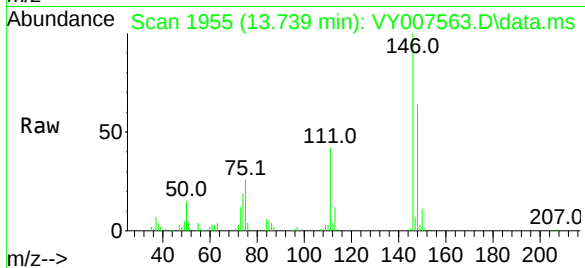
Tgt Ion:146 Resp: 28993

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

148 63.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.833 ug/l

RT: 14.348 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

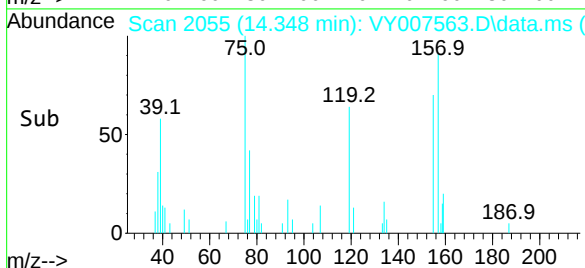
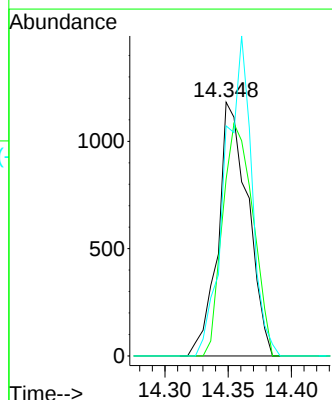
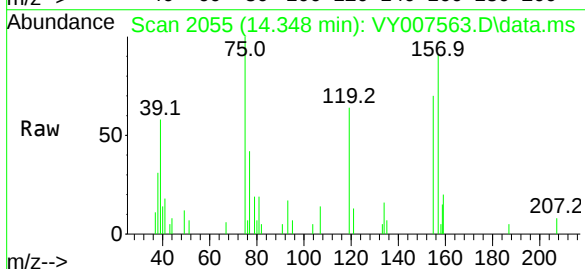
Tgt Ion: 75 Resp: 1941

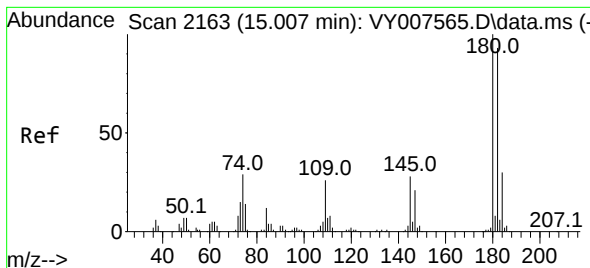
Ion Ratio Lower Upper

75 100

155 93.3 38.0 113.9

157 112.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 10.626 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

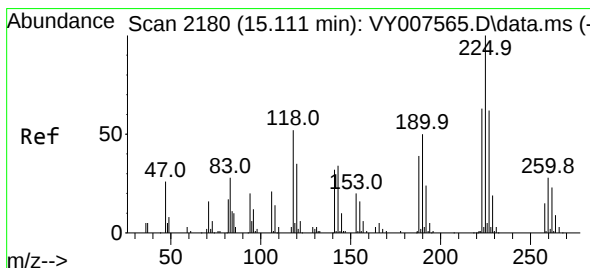
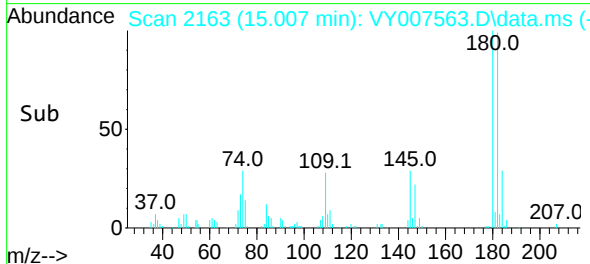
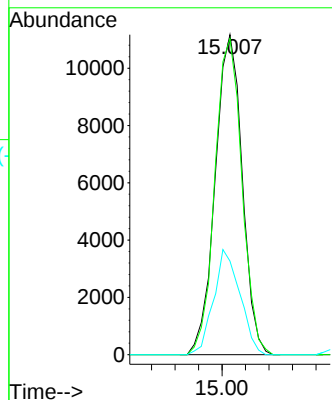
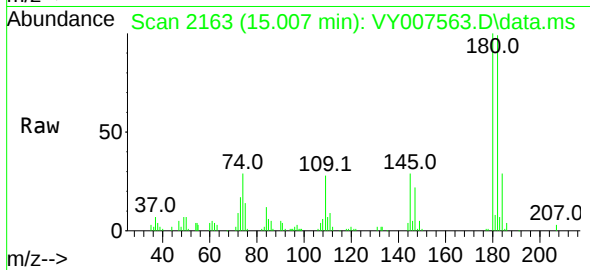
Tgt Ion:180 Resp: 17832

Ion Ratio Lower Upper

180 100

182 98.8 47.3 141.9

145 32.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 11.984 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

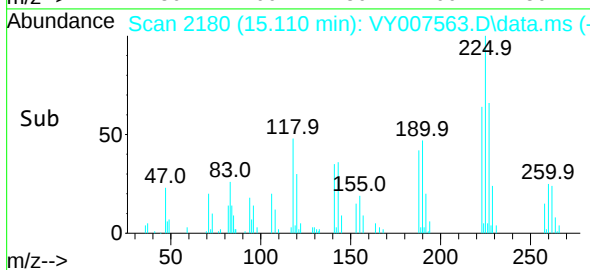
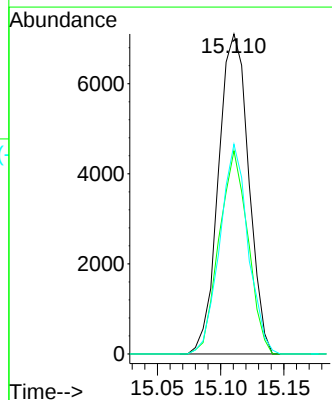
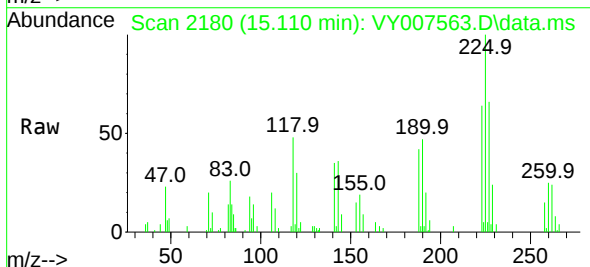
Tgt Ion:225 Resp: 11763

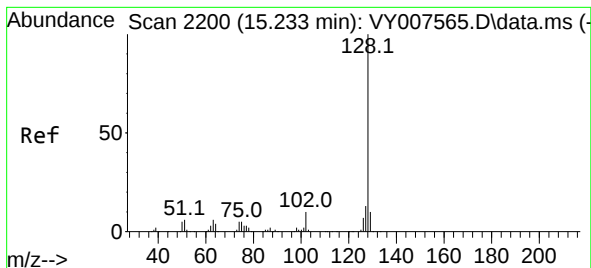
Ion Ratio Lower Upper

225 100

223 60.5 30.8 92.3

227 61.5 31.6 94.7





#95

Naphthalene

Concen: 9.459 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

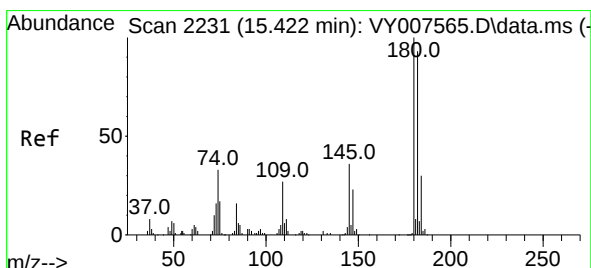
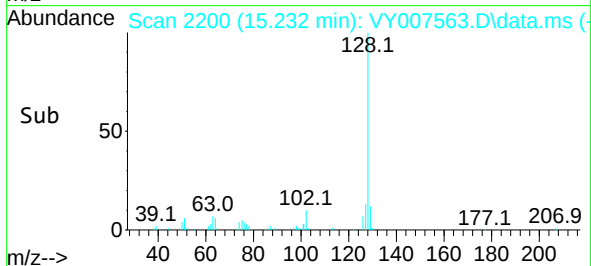
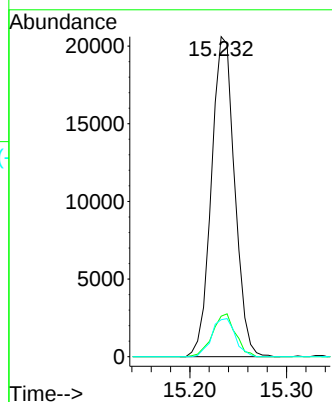
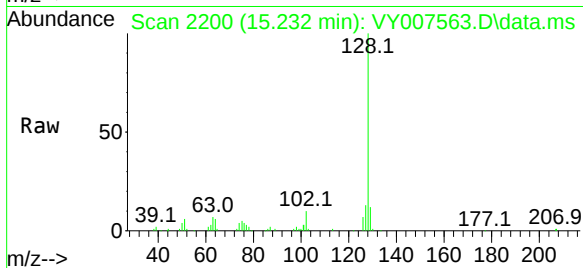
Tgt Ion:128 Resp: 34399

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 12.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 11.014 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY007563.D

Acq: 21 Feb 2022 12:09

Tgt Ion:180 Resp: 15997

Ion Ratio Lower Upper

180 100

182 89.9 47.3 141.9

145 32.9 15.3 45.9

