

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004358.D
 Acq On : 09 Apr 2021 15:22
 Operator : SY/MD
 Sample : M1983-01
 Misc : 2.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 41018

Quant Time: Apr 10 02:03:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.825	168	153351	50.00	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.715	114	307355	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.501	117	265096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118606	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	112184	76.10	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.20%	
35) Dibromofluoromethane	7.752	113	22168	12.94	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 25.88%#	
50) Toluene-d8	10.233	98	341788	53.06	ug/l	0.05
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.12%	
62) 4-Bromofluorobenzene	12.489	95	163904	74.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 148.50%#	

Target Compounds						Qvalue
3) Chloromethane	2.119	50	2091	1.17	ug/l	# 83
4) Vinyl Chloride	2.192	62	7426	3.72	ug/l	# 42
8) Diethyl Ether	3.545	74	252863	303.47	ug/l	# 1
9) 1,1,2-Trichlorotrifluo...	4.033	101	89571	63.36	ug/l	# 17
11) Tert butyl alcohol	5.033	59	85855	715.70	ug/l	# 71
13) Acrolein	3.704	56	46768	508.80	ug/l	# 1
14) Allyl chloride	4.582	41	66357	30.03	ug/l	# 69
15) Acrylonitrile	5.246	53	112956	284.84	ug/l	# 42
18) Methyl Acetate	4.765	43	3047408	3100.01	ug/l	# 51
19) Methyl tert-butyl Ether	5.240	73	1230929	300.40	ug/l	# 1
20) Methylene Chloride	4.881	84	182496	125.03	ug/l	# 10
22) Diisopropyl ether	6.149	45	18571	3.83	ug/l	# 85
23) Vinyl Acetate	6.051	43	85711	26.25	ug/l	# 73
24) 1,1-Dichloroethane	6.051	63	7768	2.94	ug/l	# 82
25) 2-Butanone	7.020	43	1871003	3646.65	ug/l	92
26) 2,2-Dichloropropane	6.813	77	37051	14.97	ug/l	# 53
28) Bromochloromethane	7.545	49	14453	13.44	ug/l	# 13
29) Tetrahydrofuran	7.386	42	6489	17.95	ug/l	# 33
30) Chloroform	7.490	83	174523	62.02	ug/l	# 33
31) Cyclohexane	7.813	56	13391102	5139.90	ug/l	# 76
36) 1,1-Dichloropropene	7.819	75	26845	9.57	ug/l	# 45
37) Ethyl Acetate	7.020	43	1871003	1136.71	ug/l	# 70
38) Carbon Tetrachloride	7.825	117	16760	6.87	ug/l	# 16
39) Methylcyclohexane	9.203	83	8389260	2414.93	ug/l	94
40) Benzene	8.179	78	13469736	1693.66	ug/l	93
41) Methacrylonitrile	7.545	41	1238792	1358.38	ug/l	# 51
42) 1,2-Dichloroethane	8.185	62	124875	49.96	ug/l	76
43) Isopropyl Acetate	8.288	43	5231778	1678.81	ug/l	# 54
45) 1,2-Dichloropropane	9.203	63	98232	49.97	ug/l	# 1
46) Dibromomethane	9.282	93	3833	3.32	ug/l	# 1
47) Bromodichloromethane	9.496	83	107237	38.89	ug/l	# 33
48) Methyl methacrylate	9.258	41	455204	321.60	ug/l	# 13
49) 1,4-Dioxane	9.331	88	6588	442.68	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.178	43	216505	136.35	ug/l	# 57
53) t-1,3-Dichloropropene	10.361	75	394692	134.24	ug/l	# 1
55) 1,1,2-Trichloroethane	10.636	97	558620	352.84	ug/l	# 19

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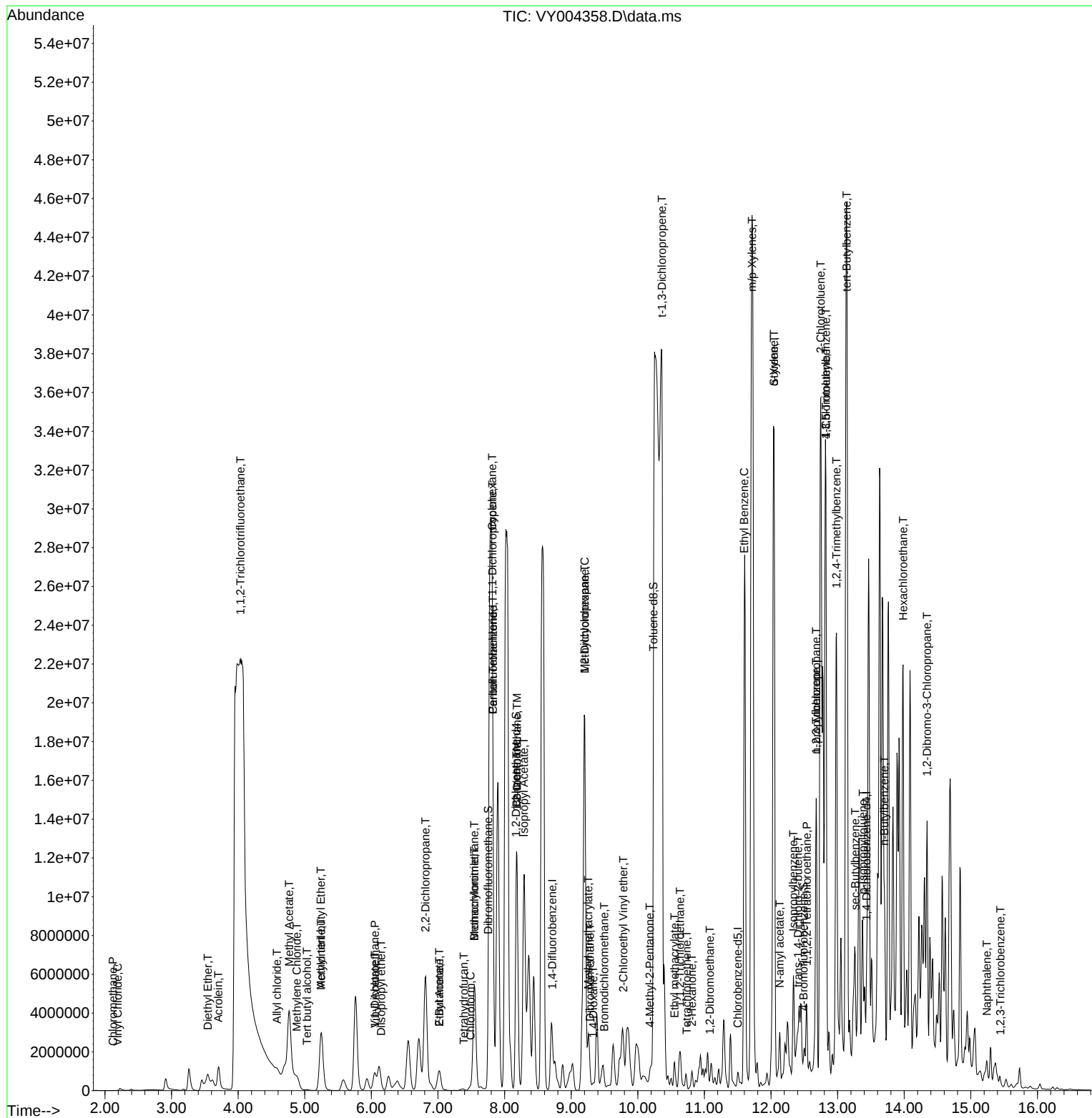
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.550	69	146736	67.55	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.782	63	7830	8.42	ug/l #	48
59) 2-Hexanone	10.812	43	383228	351.08	ug/l #	30
61) 1,2-Dibromoethane	11.081	107	1630	1.04	ug/l #	1
64) Tetrachloroethene	10.733	164	19667	7.54	ug/l	93
67) Ethyl Benzene	11.599	91	17809466	1855.03	ug/l #	77
68) m/p-Xylenes	11.715	106	19645293	5329.15	ug/l #	1
69) o-Xylene	12.044	106	11393411	3303.17	ug/l	73
70) Styrene	12.044	104	650084	113.28	ug/l #	1
73) Isopropylbenzene	12.336	105	3090857	356.71	ug/l	99
74) N-amyl acetate	12.129	43	706044	278.80	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.538	83	72151	44.99	ug/l #	51
76) 1,2,3-Trichloropropane	12.678	75	77467	71.93	ug/l #	100
78) n-propylbenzene	12.678	91	10723405	1069.64	ug/l	97
79) 2-Chlorotoluene	12.745	91	4223185	766.76	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.824	105	10847891	1534.65	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.404	75	16949	29.00	ug/l #	1
82) 4-Chlorotoluene	12.824	91	1434396	247.43	ug/l #	40
83) tert-Butylbenzene	13.135	119	5001991	818.93	ug/l #	61
84) 1,2,4-Trimethylbenzene	12.983	105	13257087	1869.79	ug/l	84
85) sec-Butylbenzene	13.263	105	3124125	371.55	ug/l	84
86) p-Isopropyltoluene	13.379	119	1882875	240.71	ug/l	98
89) n-Butylbenzene	13.702	91	3888730	540.62	ug/l #	75
90) Hexachloroethane	13.983	117	986113	1220.60	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.342	75	47475	158.64	ug/l #	1
95) Naphthalene	15.238	128	827412	161.54	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	3099	1.40	ug/l #	12

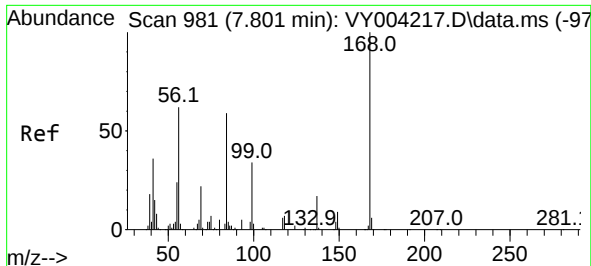
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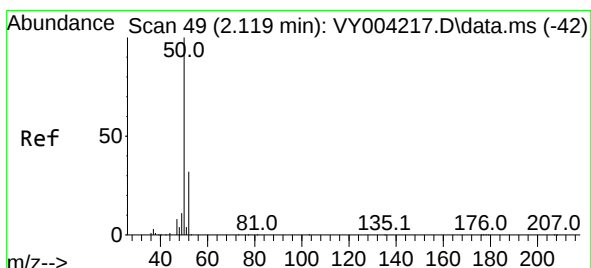
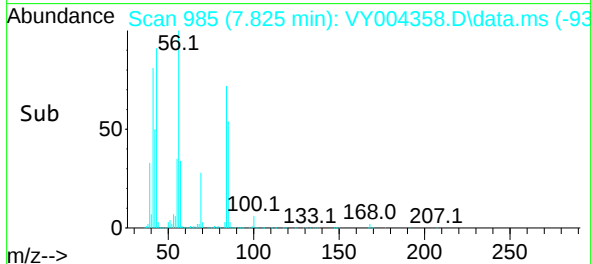
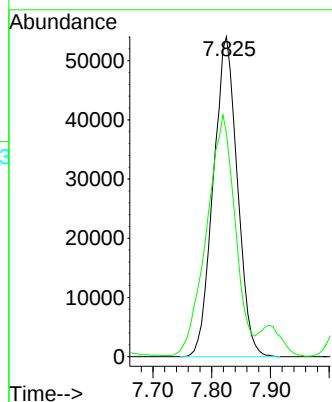
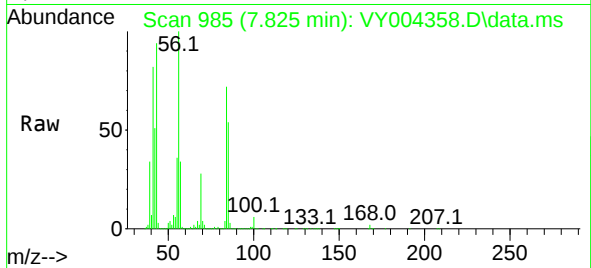




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.825 min Scan# 985
Delta R.T. 0.024 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

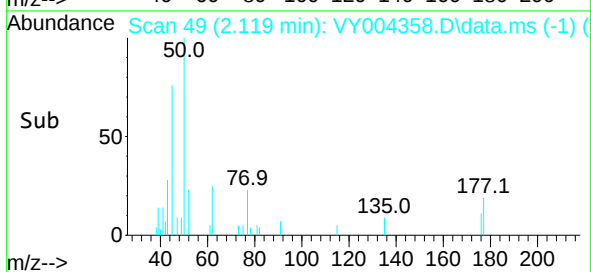
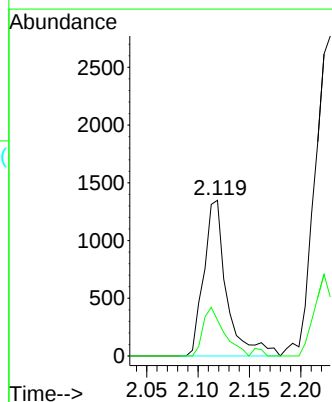
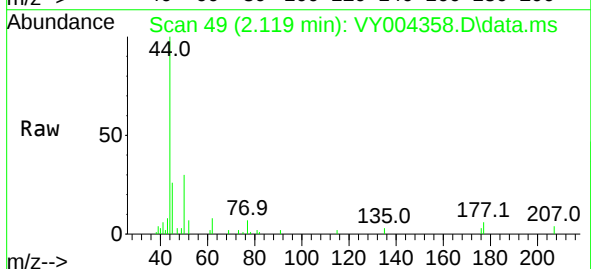
Instrument :
MSVOA_Y
ClientSampleId :
41018

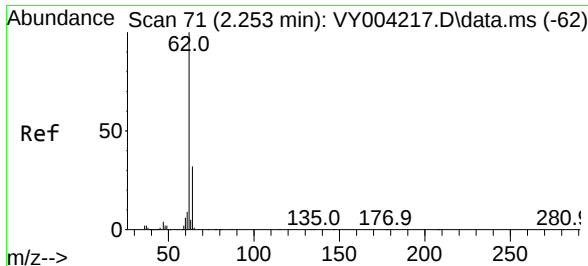
Tgt Ion:168 Resp: 153351
Ion Ratio Lower Upper
168 100
99 68.0 42.6 64.0#



#3
Chloromethane
Concen: 1.17 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 50 Resp: 2091
Ion Ratio Lower Upper
50 100
52 23.1 25.9 38.9#

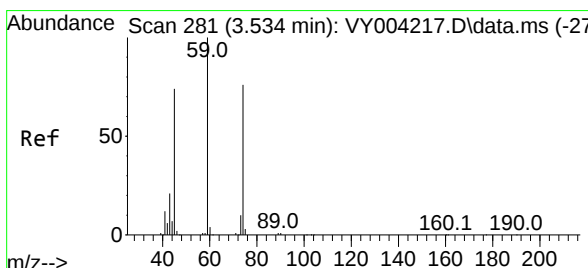
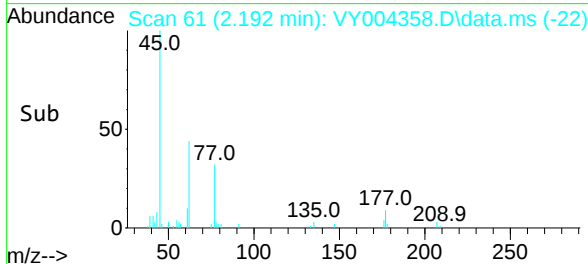
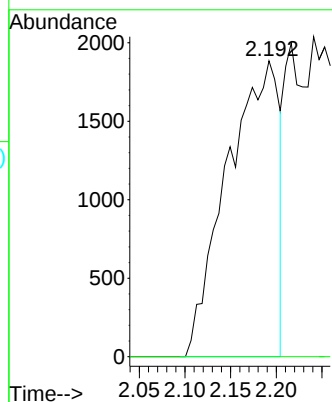
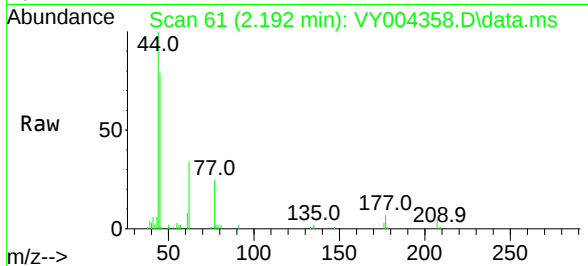




#4
 Vinyl Chloride
 Concen: 3.72 ug/l
 RT: 2.192 min Scan# 61
 Delta R.T. -0.061 min
 Lab File: VY004358.D
 Acq: 09 Apr 2021 15:22

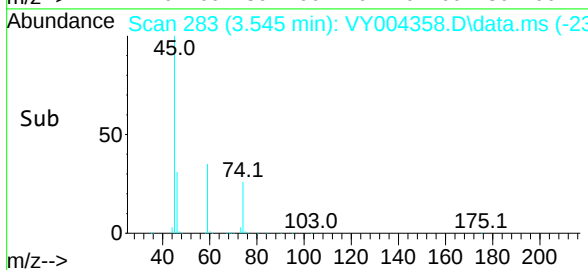
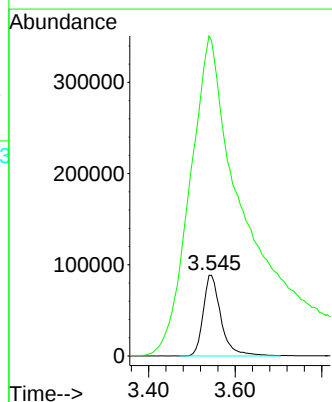
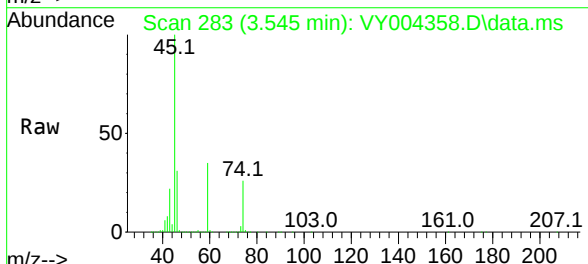
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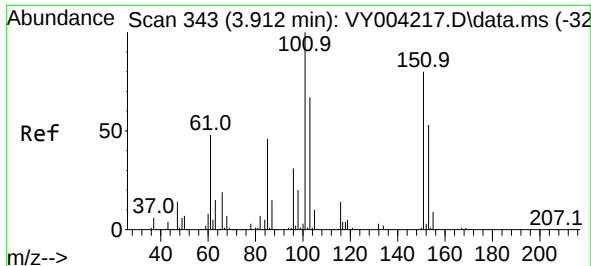
Tgt Ion: 62 Resp: 7426
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.0 39.0#



#8
 Diethyl Ether
 Concen: 303.47 ug/l
 RT: 3.545 min Scan# 283
 Delta R.T. 0.012 min
 Lab File: VY004358.D
 Acq: 09 Apr 2021 15:22

Tgt Ion: 74 Resp: 252863
 Ion Ratio Lower Upper
 74 100
 45 1272.2 48.1 144.3#

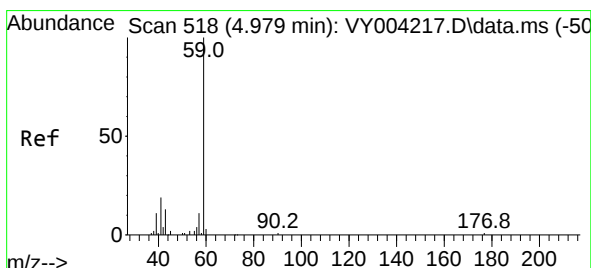
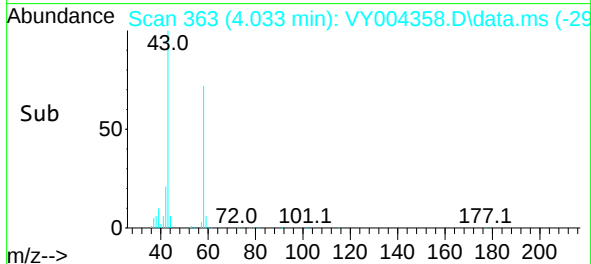
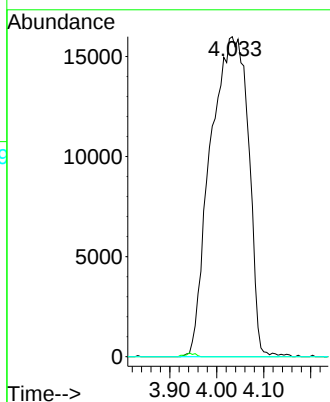
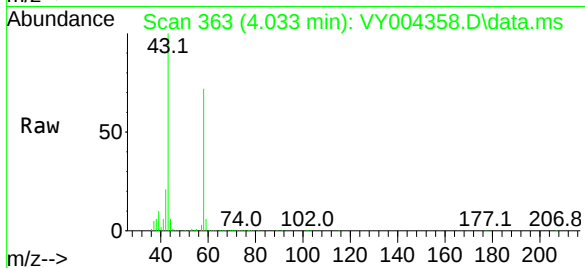




#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.36 ug/l
RT: 4.033 min Scan# 363
Delta R.T. 0.121 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

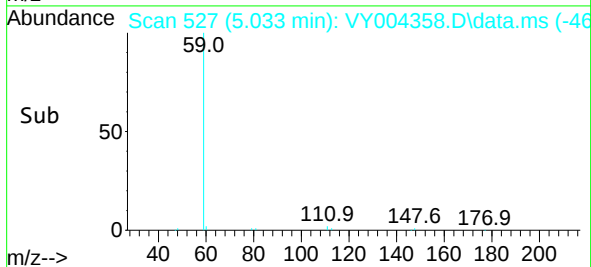
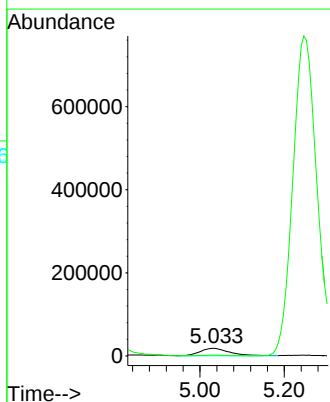
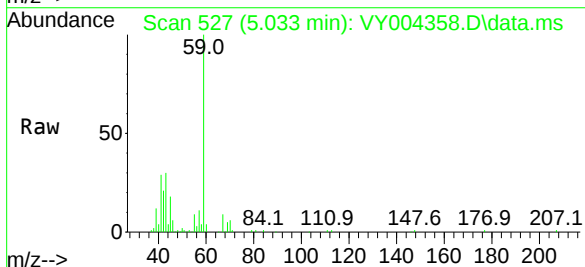
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41018

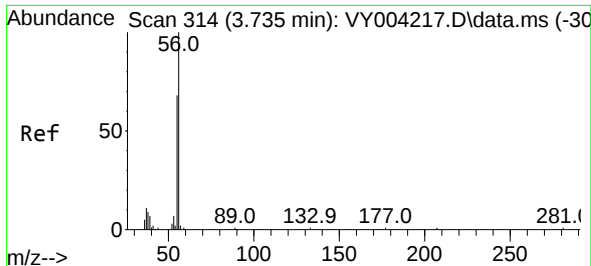
Tgt Ion:101 Resp: 89571
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 64.2 96.2#



#11
Tert butyl alcohol
Concen: 715.70 ug/l
RT: 5.033 min Scan# 527
Delta R.T. 0.054 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 59 Resp: 85855
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

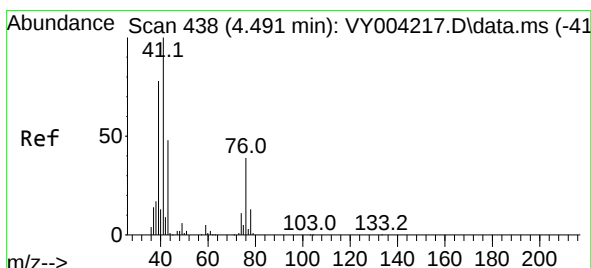
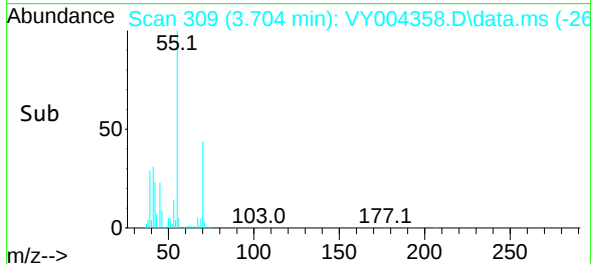
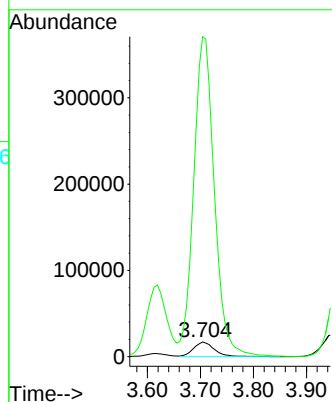
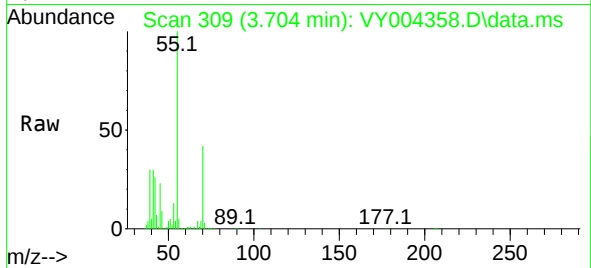




#13
Acrolein
Concen: 508.80 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.031 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

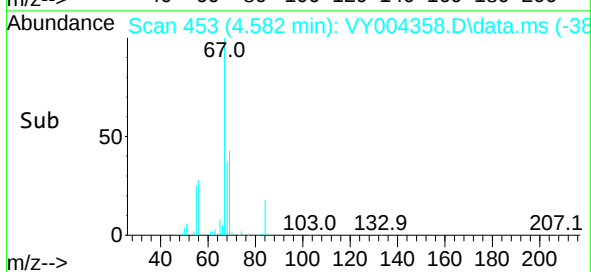
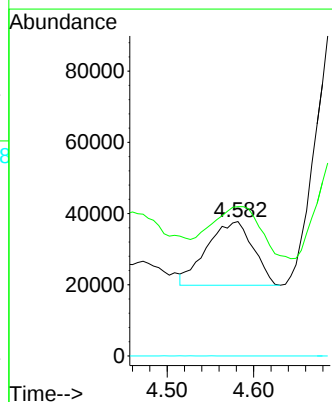
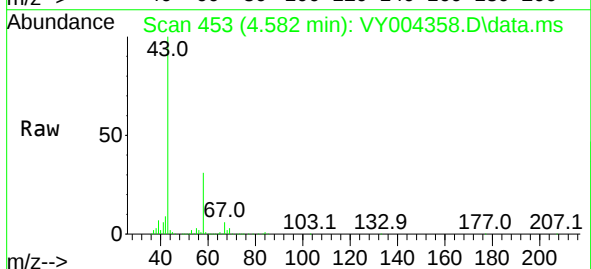
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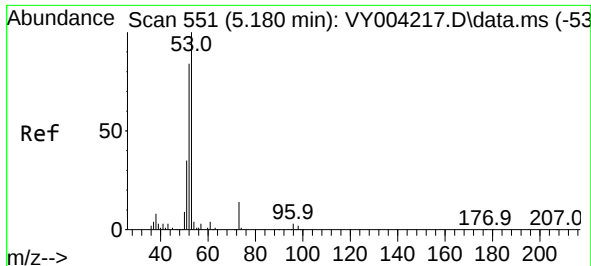
Tgt Ion: 56 Resp: 46768
Ion Ratio Lower Upper
56 100
55 2152.5 55.0 82.4#



#14
Allyl chloride
Concen: 30.03 ug/l
RT: 4.582 min Scan# 453
Delta R.T. 0.091 min
Lab File: VY004358.D
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Tgt Ion: 41 Resp: 66357
Ion Ratio Lower Upper
41 100
39 88.0 60.2 90.4
76 0.0 30.3 45.5#

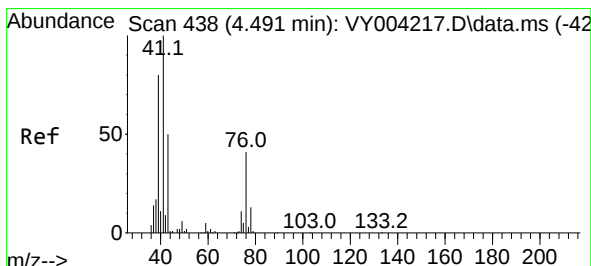
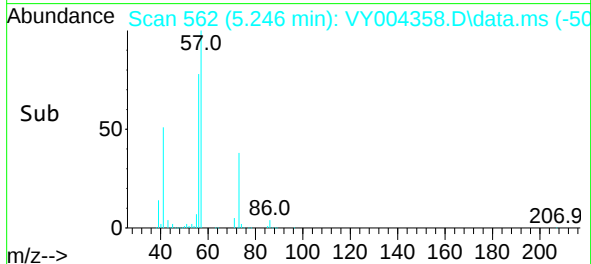
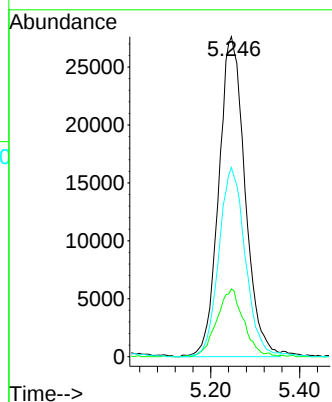
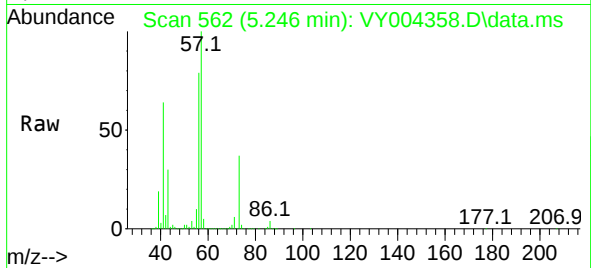




#15
Acrylonitrile
Concen: 284.84 ug/l
RT: 5.246 min Scan# 562
Delta R.T. 0.067 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

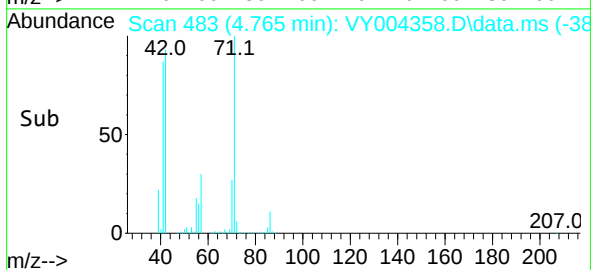
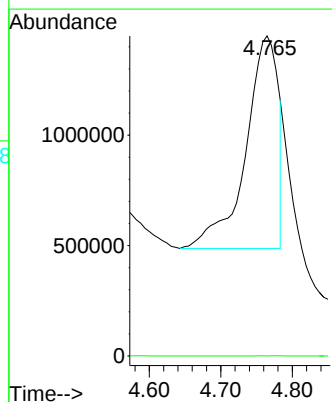
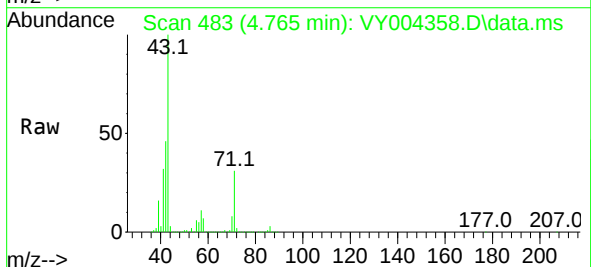
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MSVOA_Y
ClientSampled :
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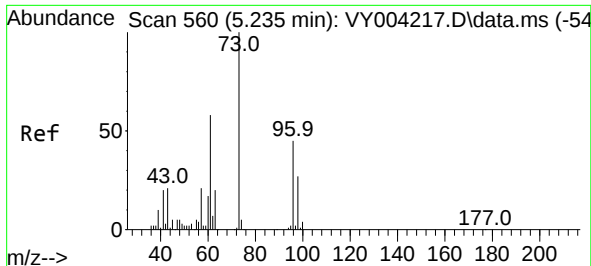
Tgt Ion: 53 Resp: 112956
Ion Ratio Lower Upper
53 100
52 21.8 65.3 97.9#
51 59.9 29.8 44.8#



#18
Methyl Acetate
Concen: 3100.01 ug/l
RT: 4.765 min Scan# 483
Delta R.T. 0.274 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 43 Resp: 3047408
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

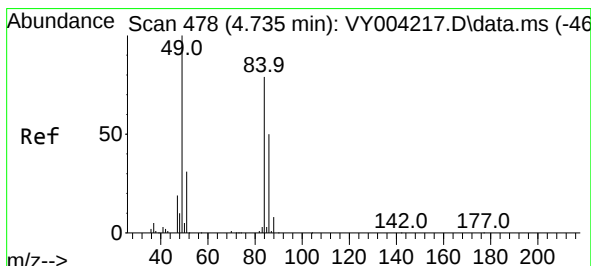
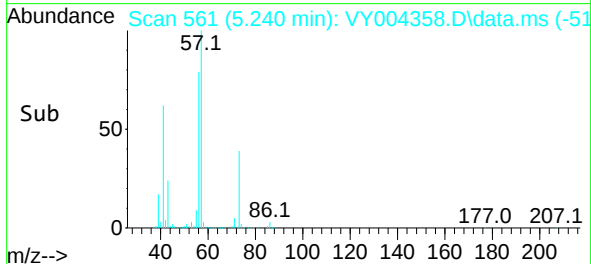
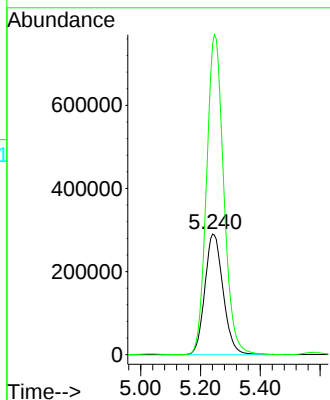
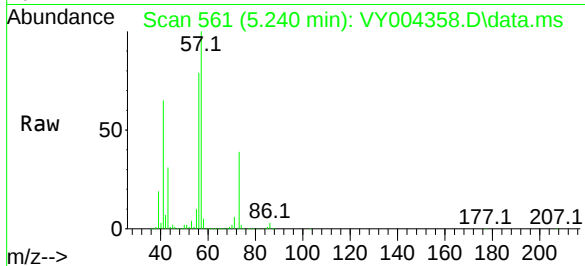




#19
Methyl tert-butyl Ether
Concen: 300.40 ug/l
RT: 5.240 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

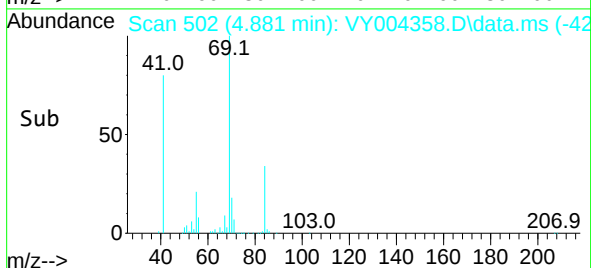
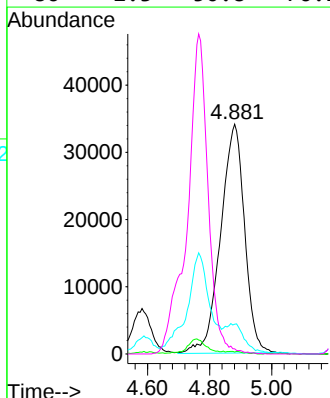
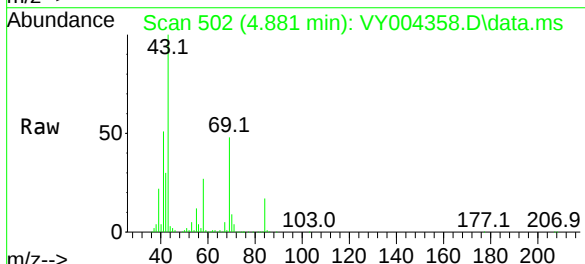
Instrument :
MSVOA_Y
ClientSampled :
41018

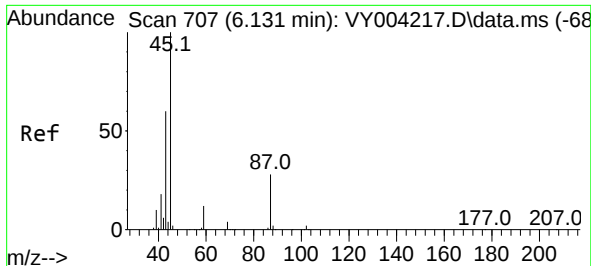
Tgt Ion: 73 Resp: 1230929
Ion Ratio Lower Upper
73 100
57 256.9 17.0 25.4#



#20
Methylene Chloride
Concen: 125.03 ug/l
RT: 4.881 min Scan# 502
Delta R.T. 0.146 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

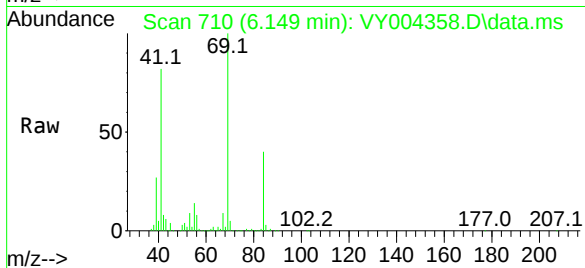
Tgt Ion: 84 Resp: 182496
Ion Ratio Lower Upper
84 100
49 0.6 101.5 152.3#
51 12.4 31.5 47.3#
86 2.3 50.8 76.2#



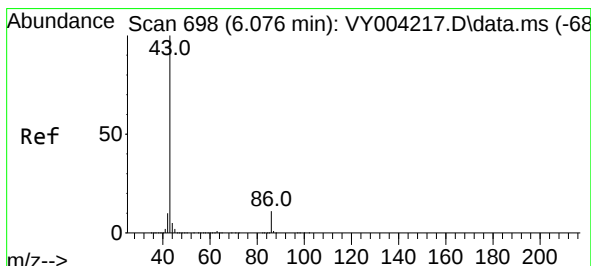
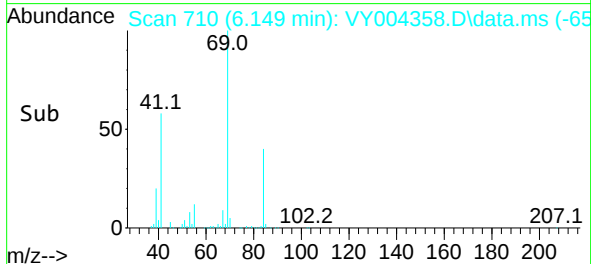
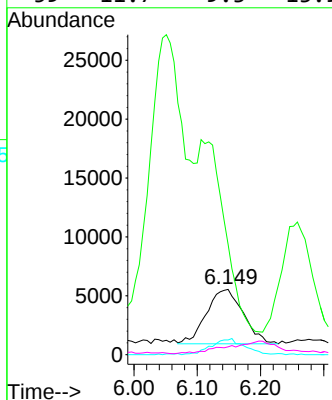


#22
Diisopropyl ether
Concen: 3.83 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Instrument :
MSVOA_Y
ClientSampleId :
41018

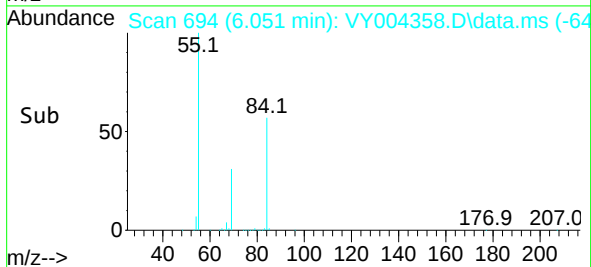
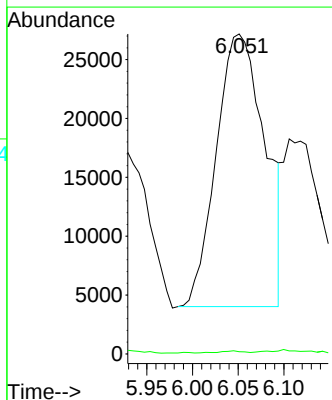
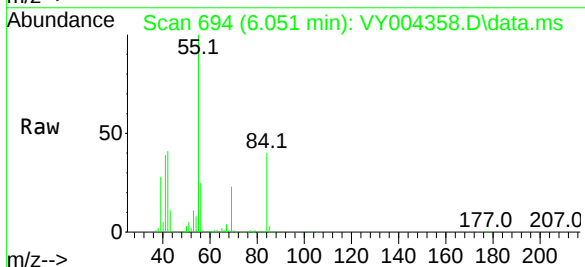


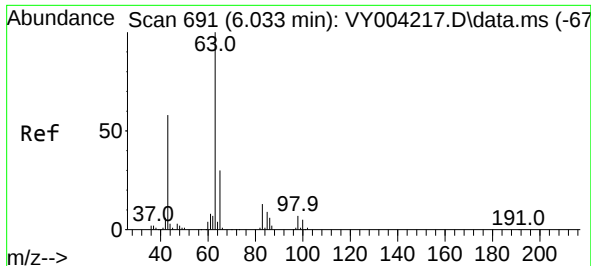
Tgt Ion:	45	Resp:	18571
Ion Ratio	100	Lower	Upper
43	75.9	47.7	71.5#
87	24.9	22.7	34.1
59	11.7	9.3	13.9



#23
Vinyl Acetate
Concen: 26.25 ug/l
RT: 6.051 min Scan# 694
Delta R.T. -0.025 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

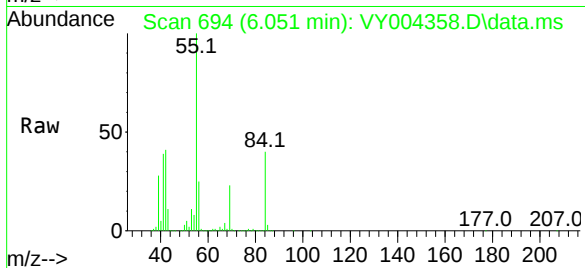
Tgt Ion:	43	Resp:	85711
Ion Ratio	100	Lower	Upper
86	0.5	8.5	12.7#



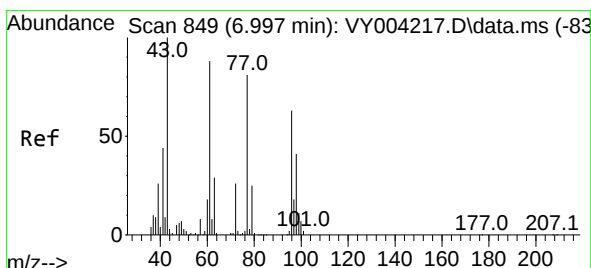
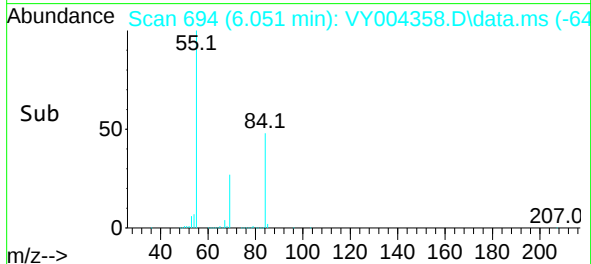
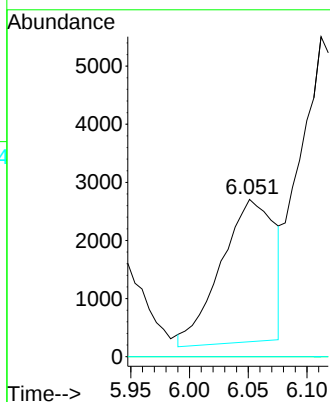


#24
1,1-Dichloroethane
Concen: 2.94 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.018 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Instrument :
MSVOA_Y
ClientSampleId :
41018

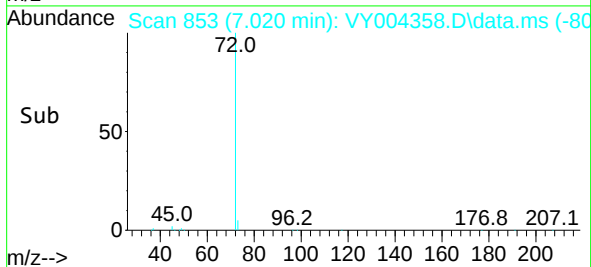
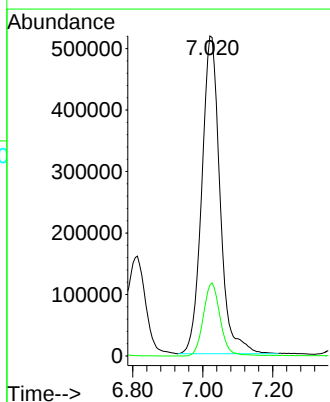
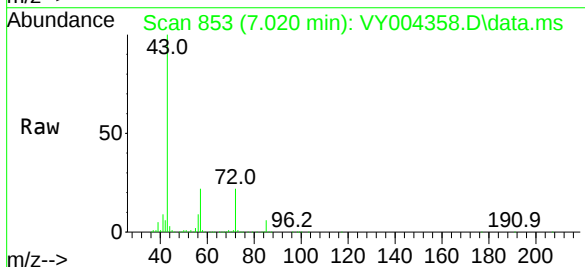


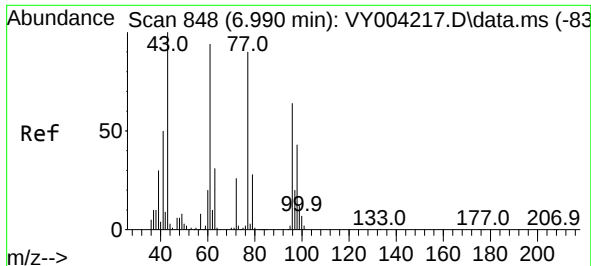
Tgt Ion: 63 Resp: 7768
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.9#



#25
2-Butanone
Concen: 3646.65 ug/l
RT: 7.020 min Scan# 853
Delta R.T. 0.024 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 43 Resp: 1871003
Ion Ratio Lower Upper
43 100
72 22.3 21.0 31.6

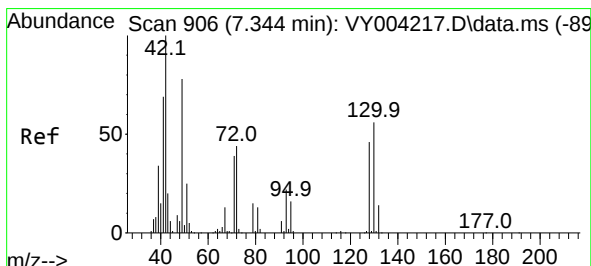
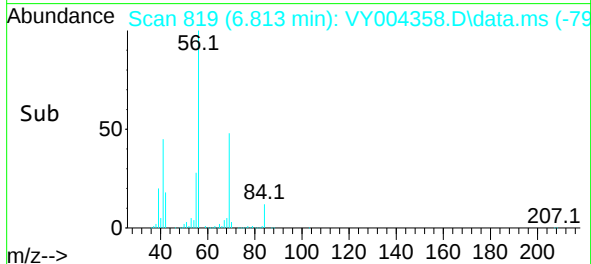
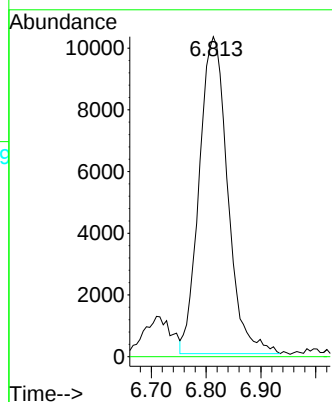
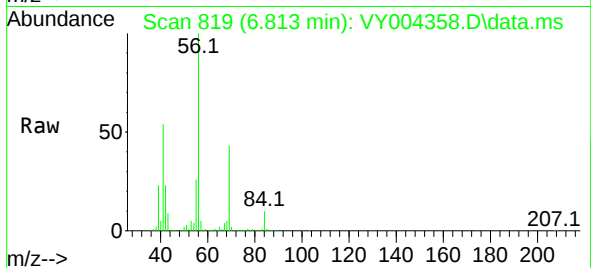




#26
2,2-Dichloropropane
Concen: 14.97 ug/l
RT: 6.813 min Scan# 819
Delta R.T. -0.177 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

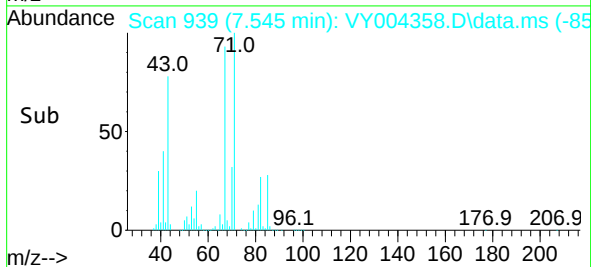
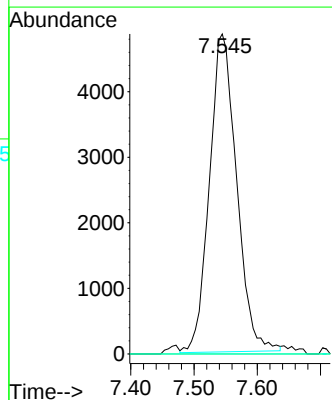
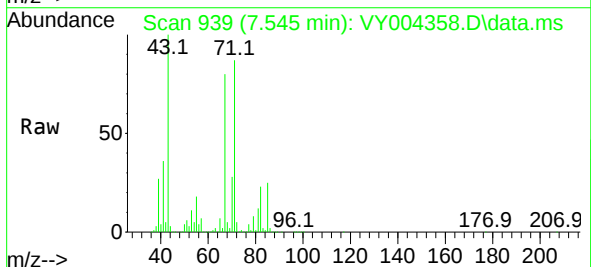
Instrument :
MSVOA_Y
ClientSampled :
41018

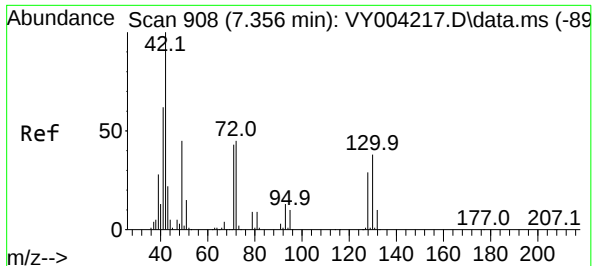
Tgt Ion: 77 Resp: 37051
Ion Ratio Lower Upper
77 100
97 0.0 11.3 33.8#



#28
Bromochloromethane
Concen: 13.44 ug/l
RT: 7.545 min Scan# 939
Delta R.T. 0.201 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 49 Resp: 14453
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.5 93.7#





#29

Tetrahydrofuran

Concen: 17.95 ug/l

RT: 7.386 min Scan# 913

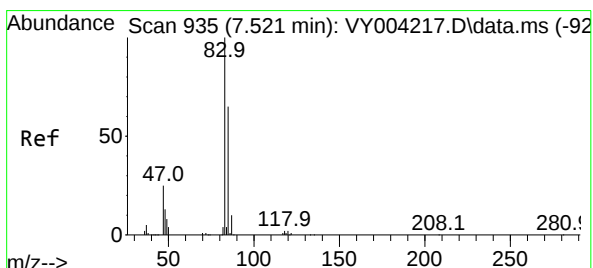
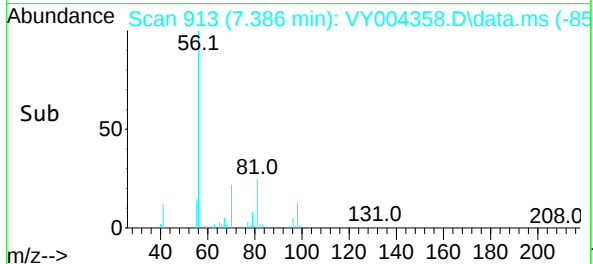
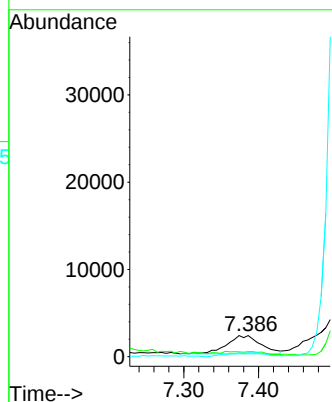
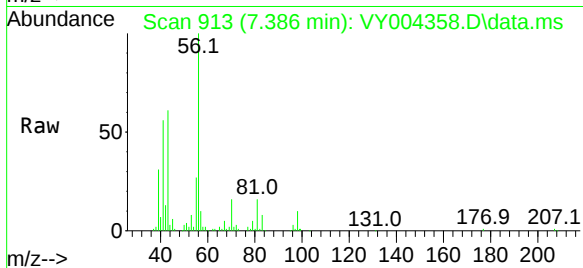
Delta R.T. 0.030 min

Lab File: VY004358.D

Acq: 09 Apr 2021 15:22

Instrument :
MSVOA_Y
ClientSampled :
41018

Tgt Ion:	42	Resp:	6489
Ion Ratio	Lower	Upper	
42	100		
72	0.0	35.1	52.7#
71	0.0	32.9	49.3#



#30

Chloroform

Concen: 62.02 ug/l

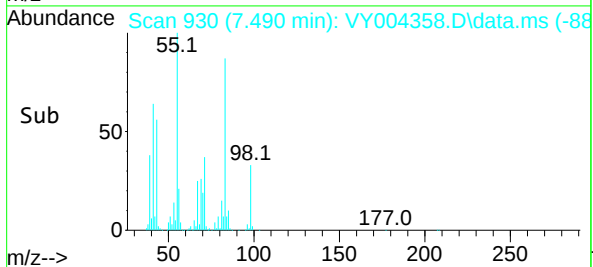
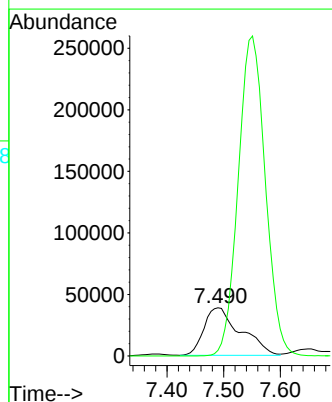
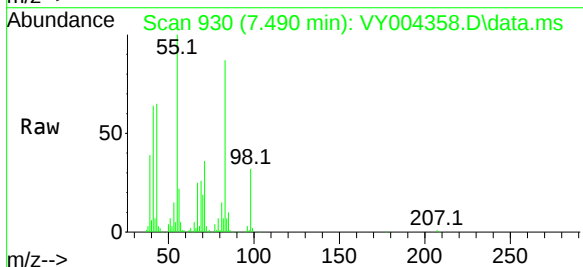
RT: 7.490 min Scan# 930

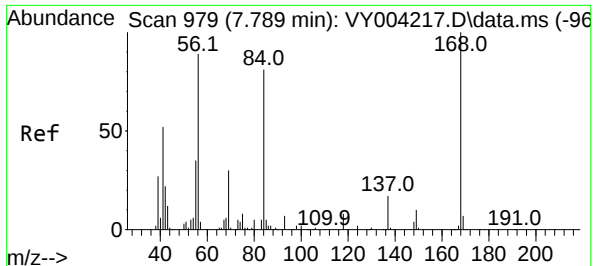
Delta R.T. -0.031 min

Lab File: VY004358.D

Acq: 09 Apr 2021 15:22

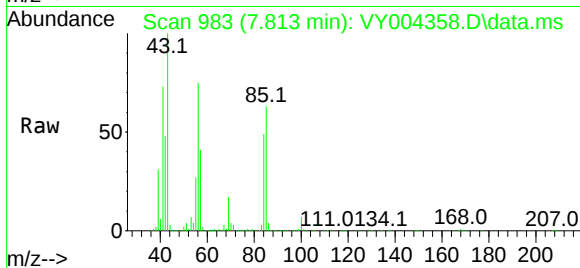
Tgt Ion:	83	Resp:	174523
Ion Ratio	Lower	Upper	
83	100		
85	11.7	51.7	77.5#



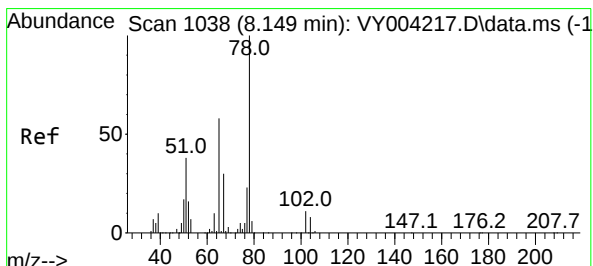
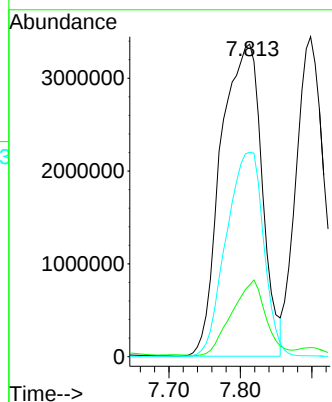
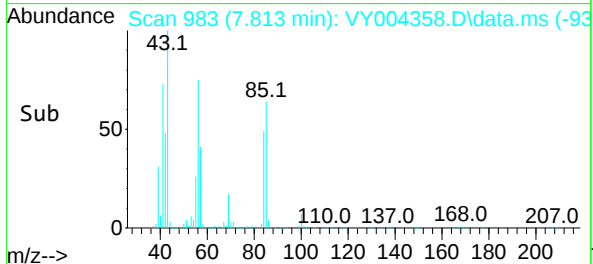


#31
Cyclohexane
Concen: 5139.90 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.024 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

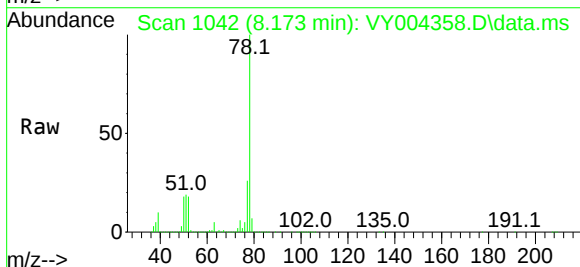
Instrument :
MSVOA_Y
ClientSampleId :
41018



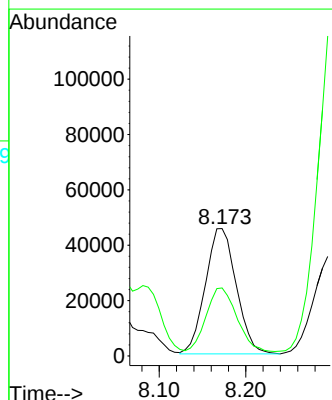
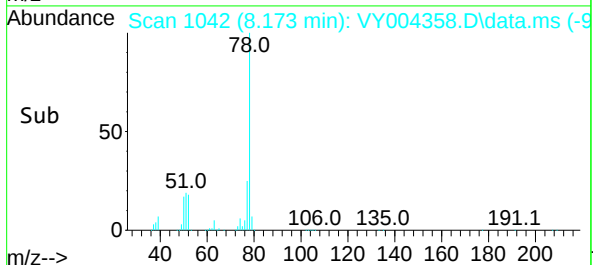
Tgt Ion: 56 Resp:13391102
Ion Ratio Lower Upper
56 100
69 22.4 26.6 40.0#
84 65.6 72.3 108.5#

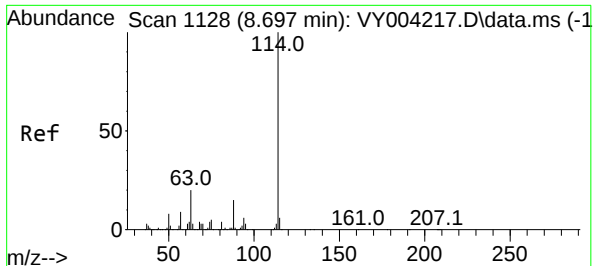


#33
1,2-Dichloroethane-d4
Concen: 76.10 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.024 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22



Tgt Ion: 65 Resp: 112184
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.018 min

Lab File: VY004358.D

Acq: 09 Apr 2021 15:22

Tgt Ion:114 Resp: 307355

Ion Ratio Lower Upper

114 100

63 29.8 0.0 40.4

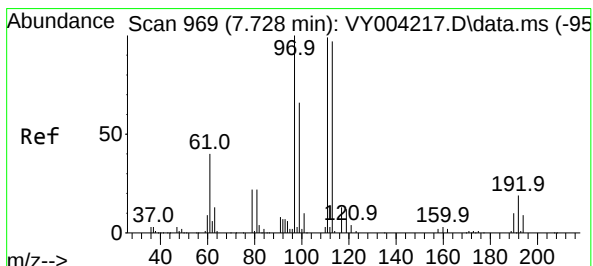
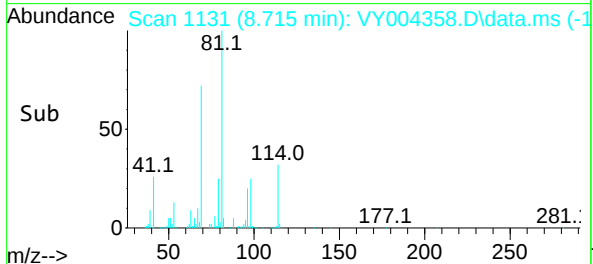
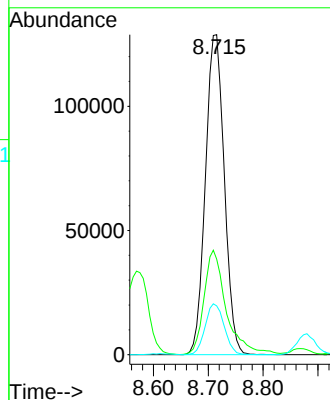
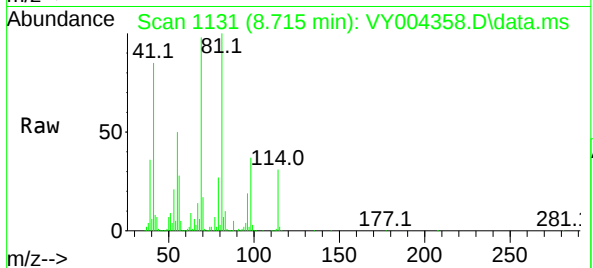
88 15.2 0.0 30.8

Instrument :

MSVOA_Y

ClientSampled :

41018



#35

Dibromofluoromethane

Concen: 12.94 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY004358.D

Acq: 09 Apr 2021 15:22

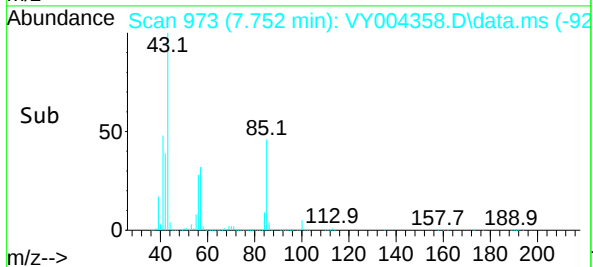
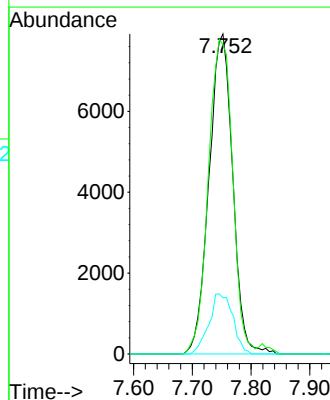
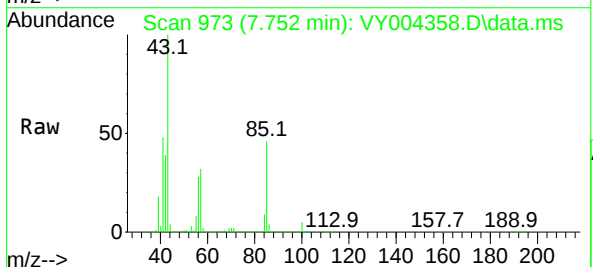
Tgt Ion:113 Resp: 22168

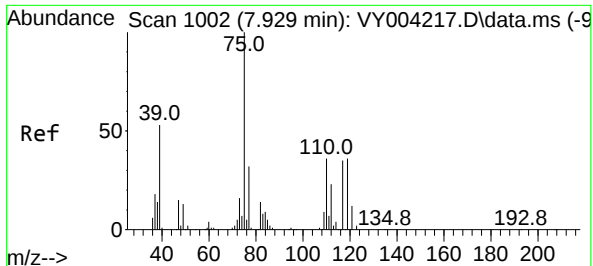
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 18.9 16.4 24.6

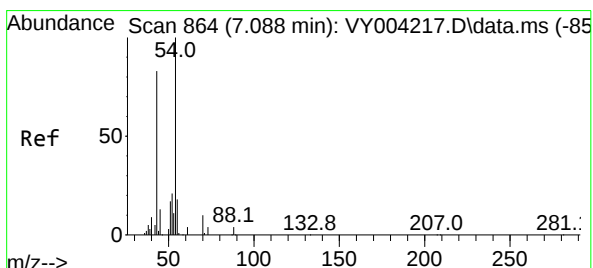
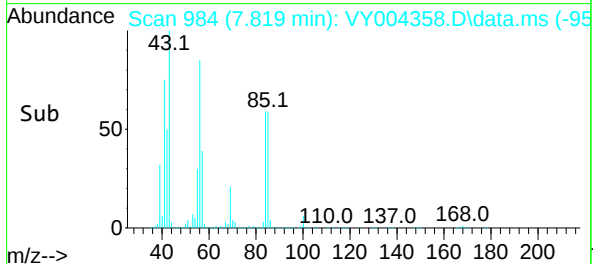
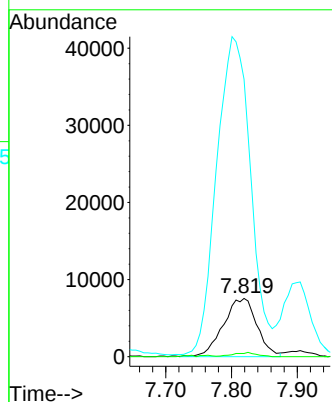
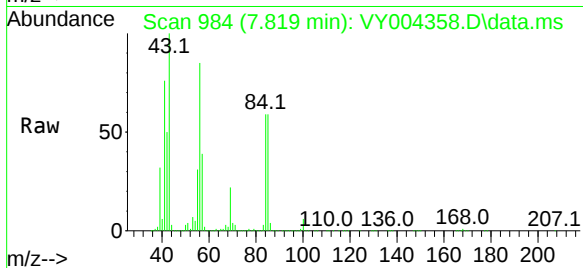




#36
1,1-Dichloropropene
Concen: 9.57 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

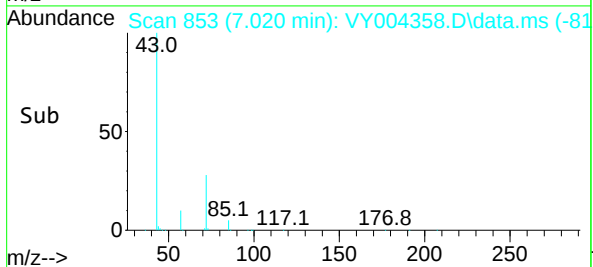
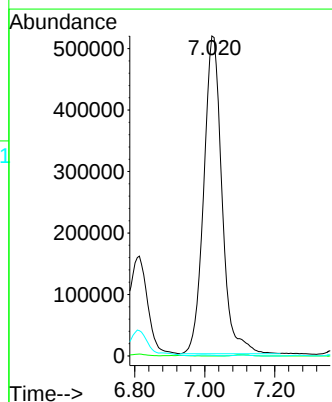
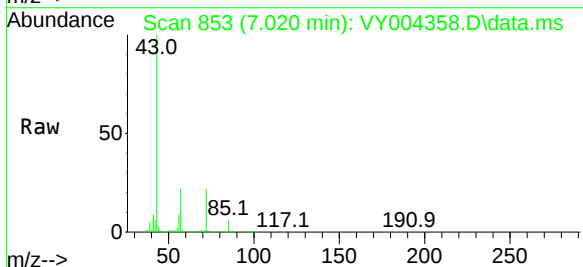
Instrument :
MSVOA_Y
ClientSampleId :
41018

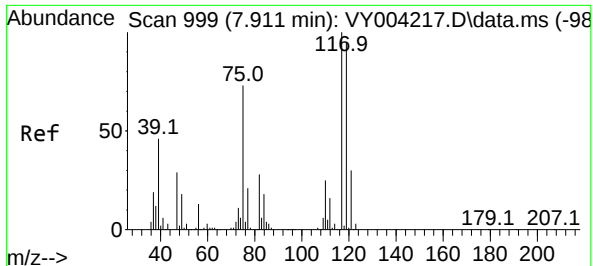
Tgt Ion: 75 Resp: 26845
Ion Ratio Lower Upper
75 100
110 5.0 18.1 54.3#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1136.71 ug/l
RT: 7.020 min Scan# 853
Delta R.T. -0.068 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 43 Resp: 1871003
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 8.0 12.0#

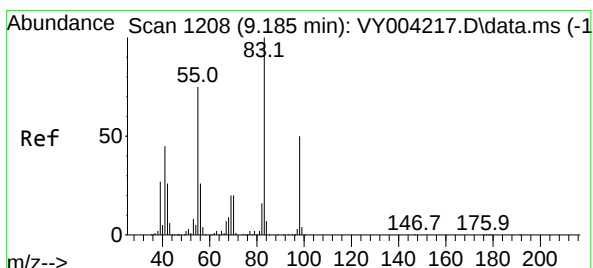
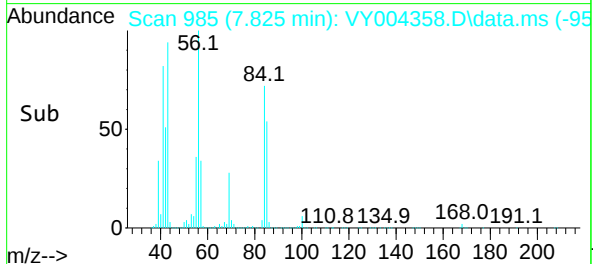
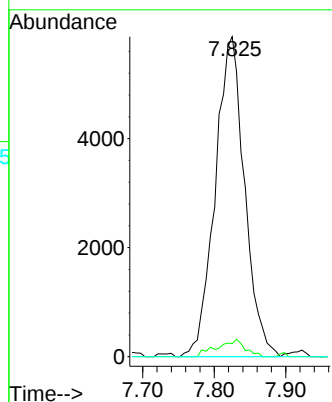
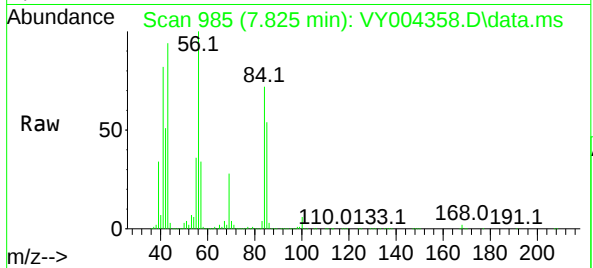




#38
Carbon Tetrachloride
Concen: 6.87 ug/l
RT: 7.825 min Scan# 985
Delta R.T. -0.086 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

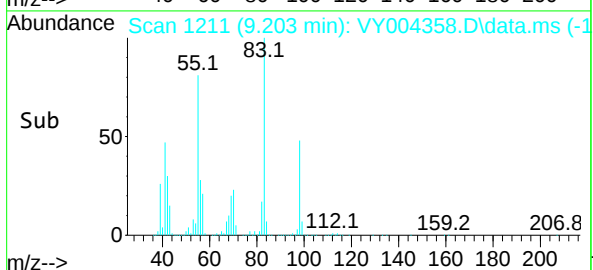
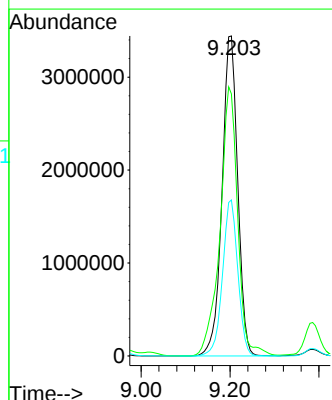
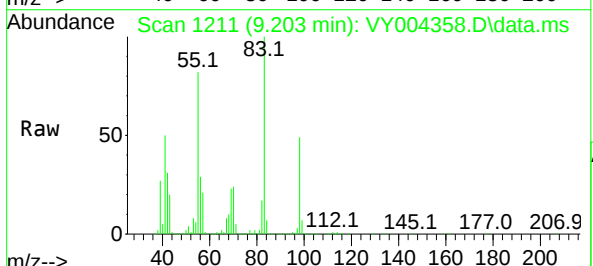
Instrument :
MSVOA_Y
ClientSampleId :
41018

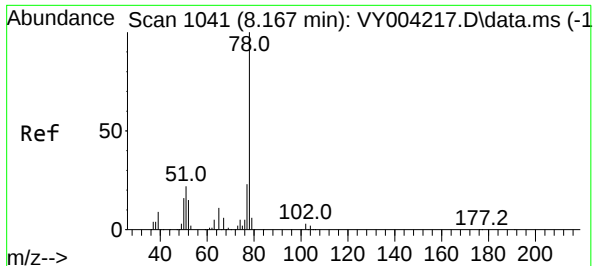
Tgt Ion:117 Resp: 16760
Ion Ratio Lower Upper
117 100
119 4.1 75.6 113.4#
121 0.0 24.3 36.5#



#39
Methylcyclohexane
Concen: 2414.93 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. 0.018 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 83 Resp: 8389260
Ion Ratio Lower Upper
83 100
55 81.9 60.0 90.0
98 48.7 40.2 60.2

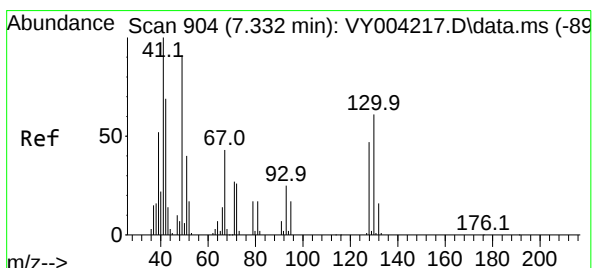
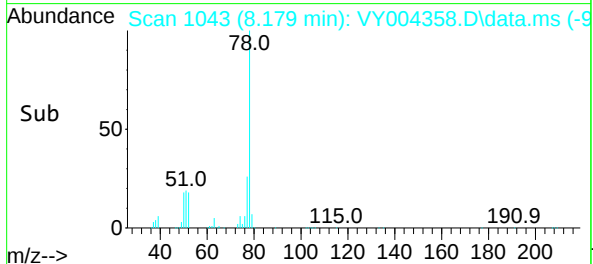
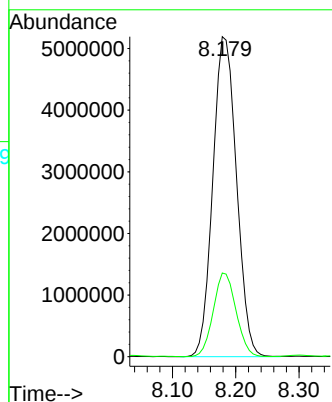
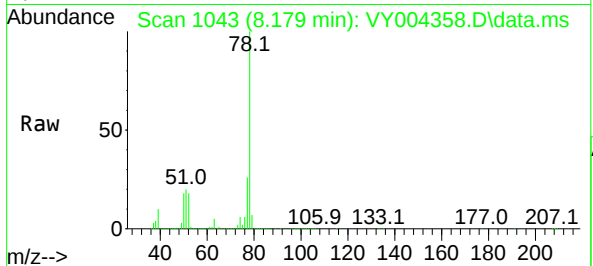




#40
Benzene
Concen: 1693.66 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

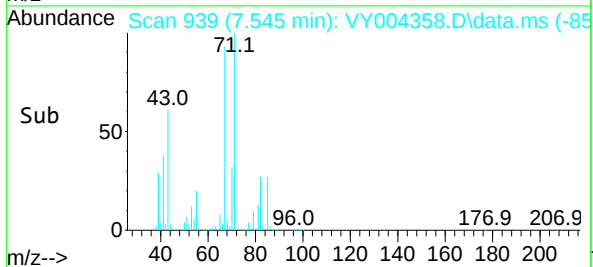
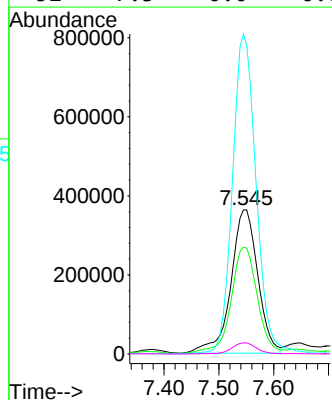
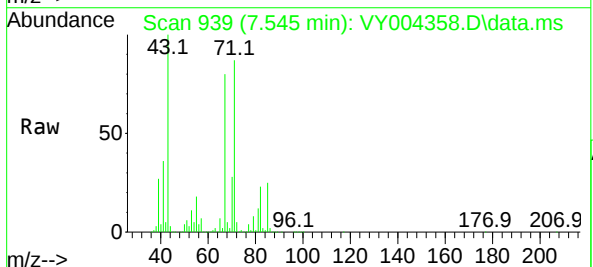
Instrument :
MSVOA_Y
ClientSampled :
41018

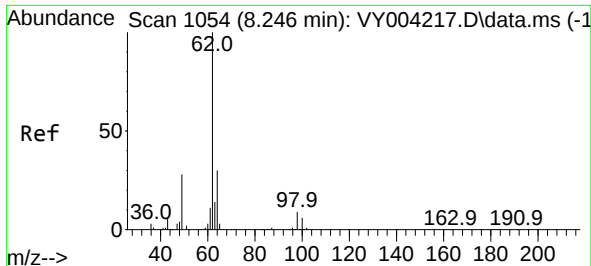
Tgt Ion: 78 Resp:13469736
Ion Ratio Lower Upper
78 100
77 26.1 18.3 27.5



#41
Methacrylonitrile
Concen: 1358.38 ug/l
RT: 7.545 min Scan# 939
Delta R.T. 0.213 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 41 Resp: 1238792
Ion Ratio Lower Upper
41 100
39 72.3 103.4 155.2#
67 194.4 0.0 0.0#
52 7.3 0.0 0.0#

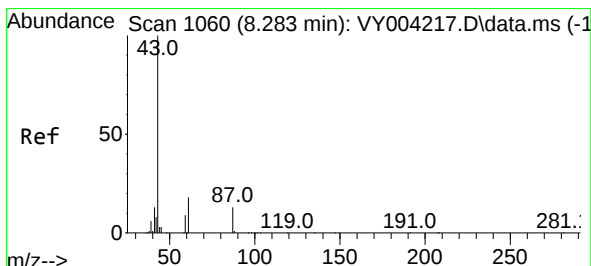
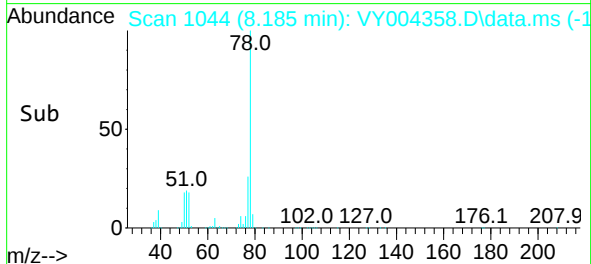
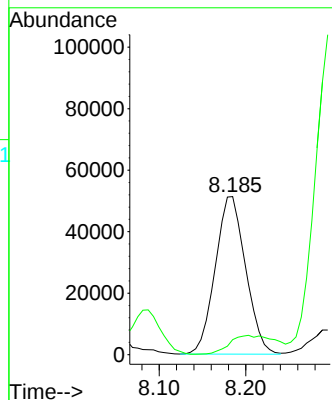
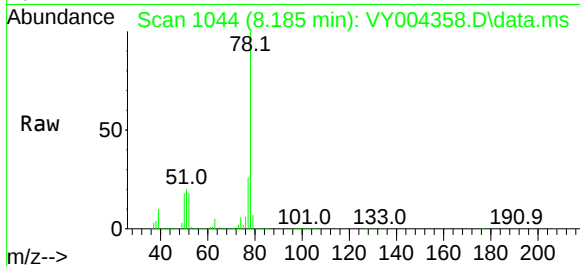




#42
1,2-Dichloroethane
Concen: 49.96 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. -0.061 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

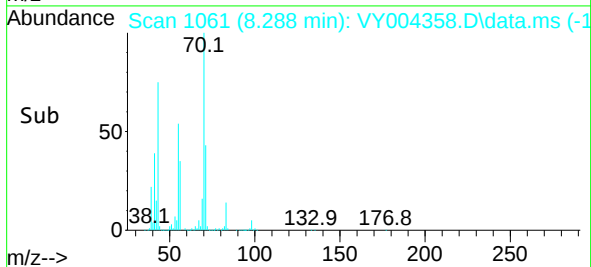
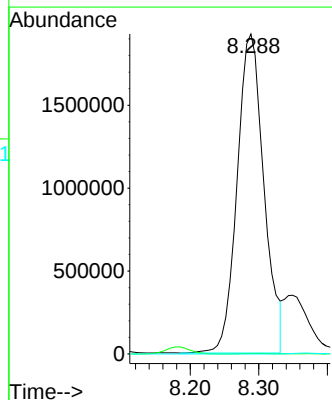
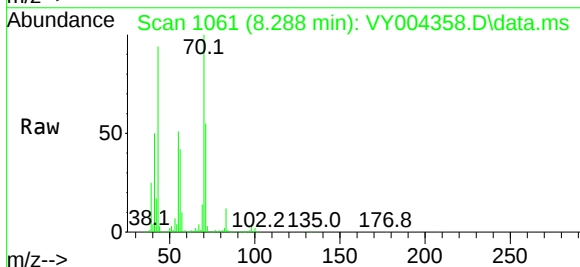
Instrument :
MSVOA_Y
ClientSampled :
41018

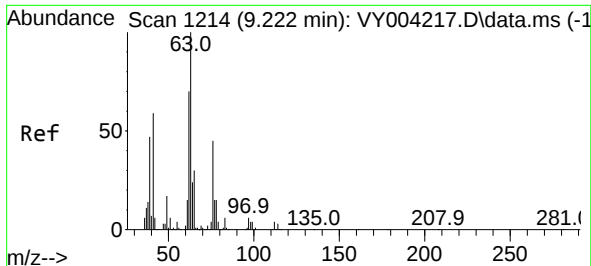
Tgt Ion: 62 Resp: 124875
Ion Ratio Lower Upper
62 100
98 18.1 0.0 18.6



#43
Isopropyl Acetate
Concen: 1678.81 ug/l
RT: 8.288 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 43 Resp: 5231778
Ion Ratio Lower Upper
43 100
61 0.2 21.9 32.9#
87 0.0 10.6 15.8#

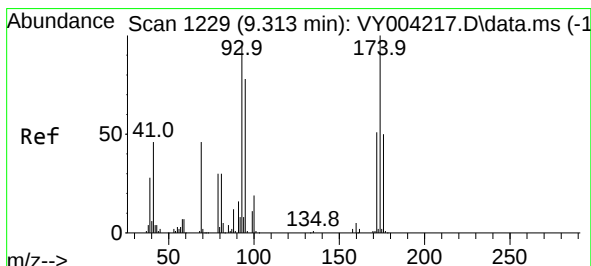
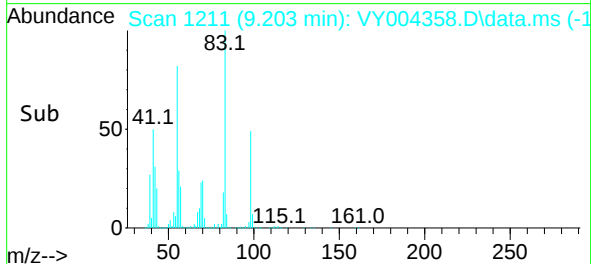
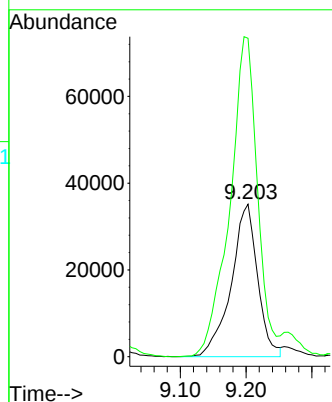
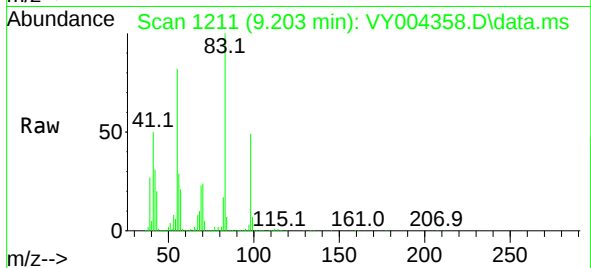




#45
1,2-Dichloropropane
Concen: 49.97 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. -0.019 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

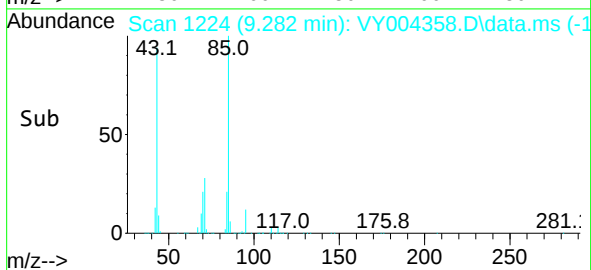
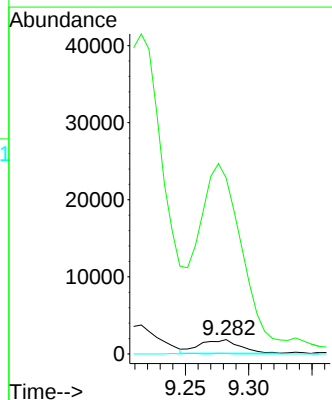
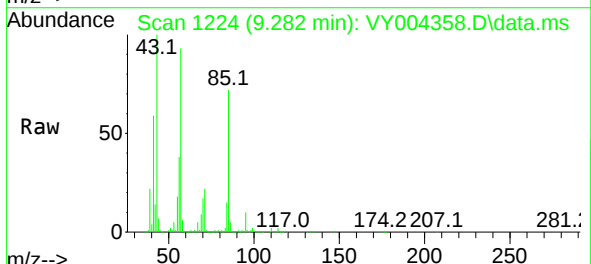
Instrument :
MSVOA_Y
ClientSampled :
41018

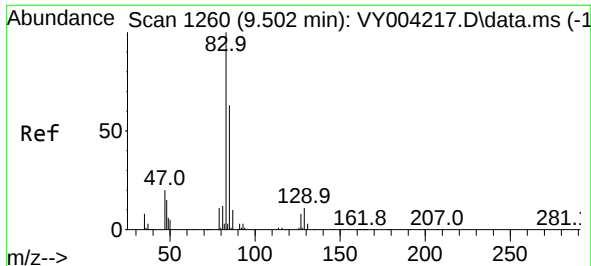
Tgt Ion: 63 Resp: 98232
Ion Ratio Lower Upper
63 100
65 208.6 23.7 35.5#



#46
Dibromomethane
Concen: 3.32 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 93 Resp: 3833
Ion Ratio Lower Upper
93 100
95 1500.2 64.6 97.0#
174 1.4 82.7 124.1#

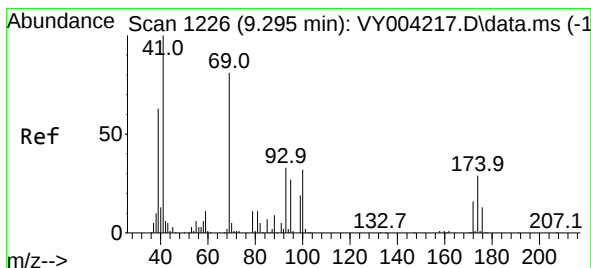
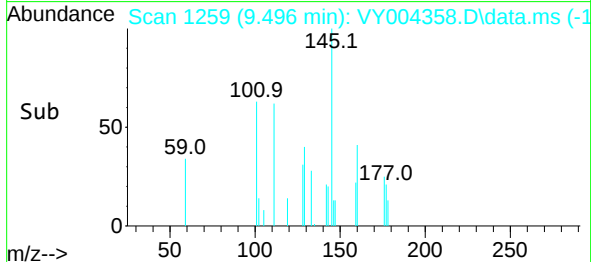
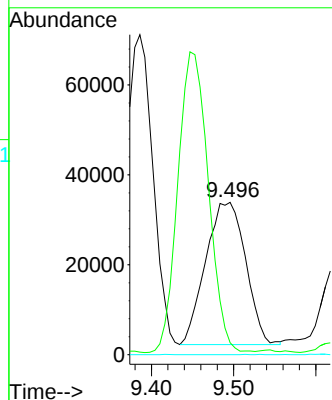
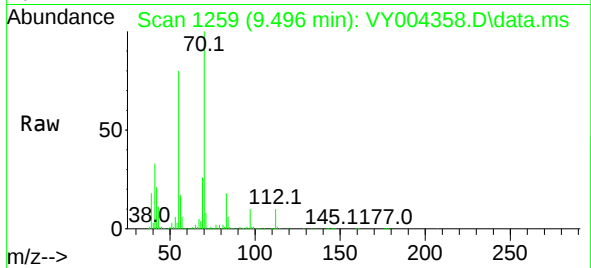




#47
Bromodichloromethane
Concen: 38.89 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.007 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

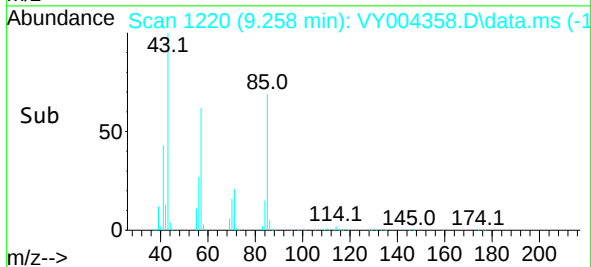
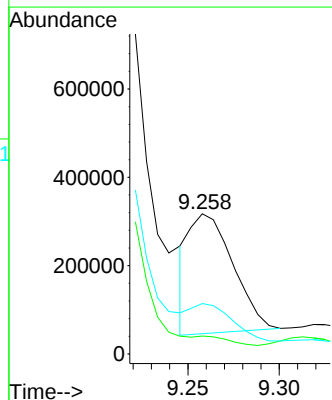
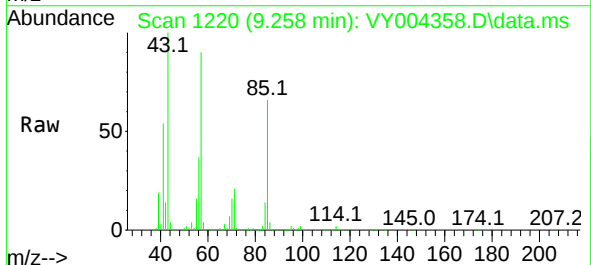
Instrument :
MSVOA_Y
ClientSampled :
41018

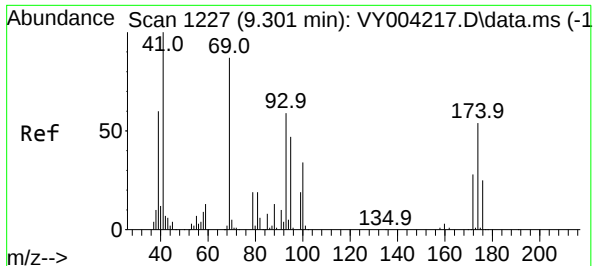
Tgt Ion: 83 Resp: 107237
Ion Ratio Lower Upper
83 100
85 6.3 50.3 75.5#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 321.60 ug/l
RT: 9.258 min Scan# 1220
Delta R.T. -0.037 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 41 Resp: 455204
Ion Ratio Lower Upper
41 100
69 0.0 67.0 100.4#
39 0.0 49.0 73.6#

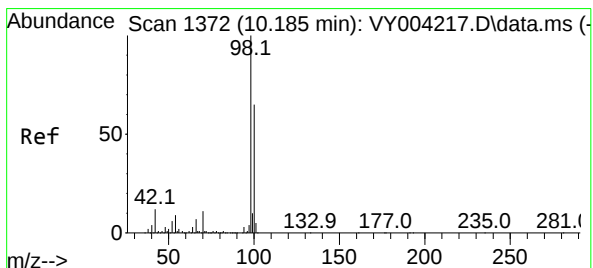
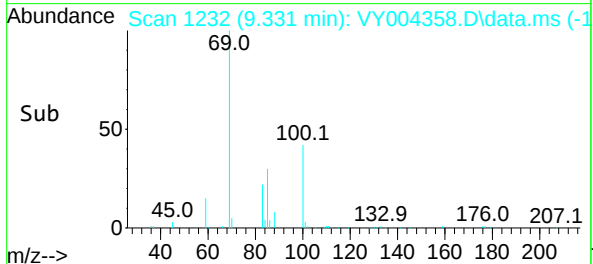
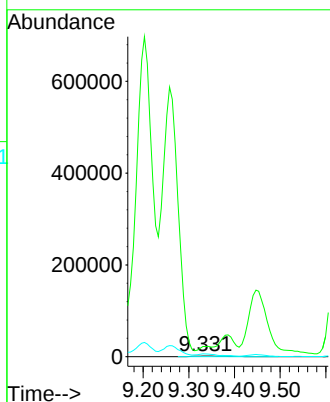
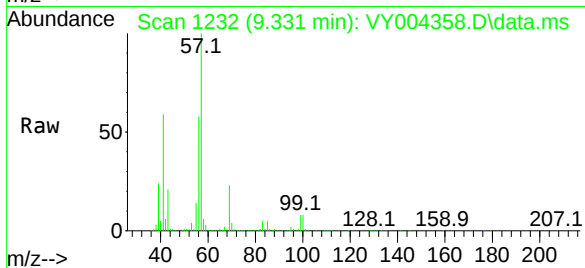




#49
1,4-Dioxane
Concen: 442.68 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.030 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

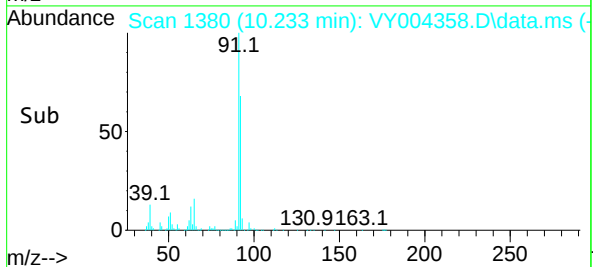
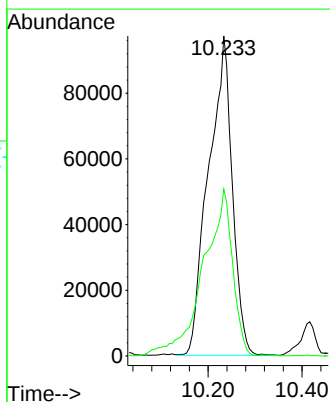
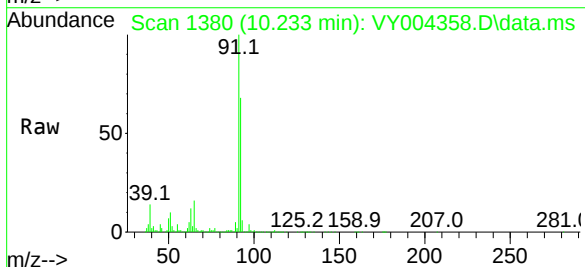
Instrument :
MSVOA_Y
ClientSampled :
41018

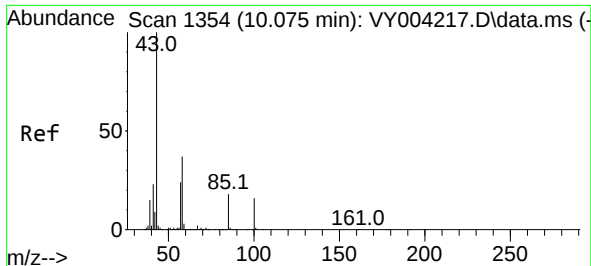
Tgt Ion: 88 Resp: 6588
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 286.1 46.2 69.2#



#50
Toluene-d8
Concen: 53.06 ug/l
RT: 10.233 min Scan# 1380
Delta R.T. 0.048 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 98 Resp: 341788
Ion Ratio Lower Upper
98 100
100 63.9 52.5 78.7

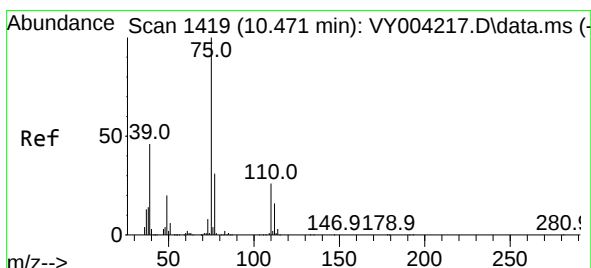
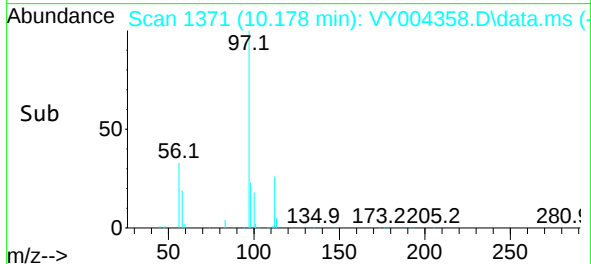
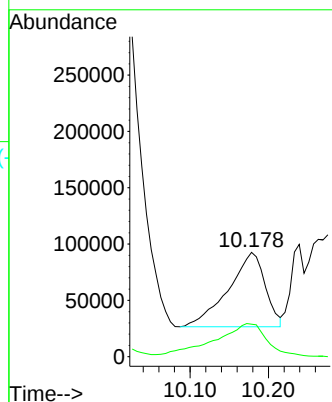
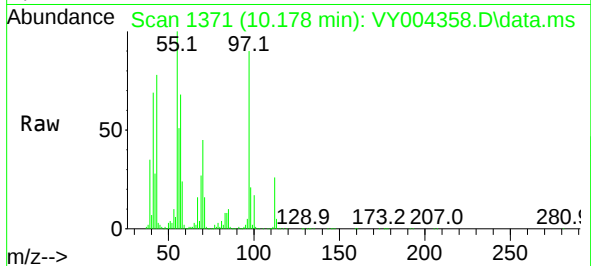




#51
4-Methyl-2-Pentanone
Concen: 136.35 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

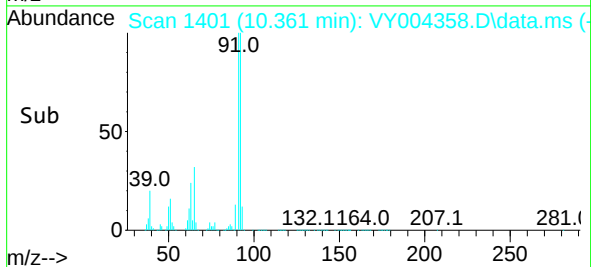
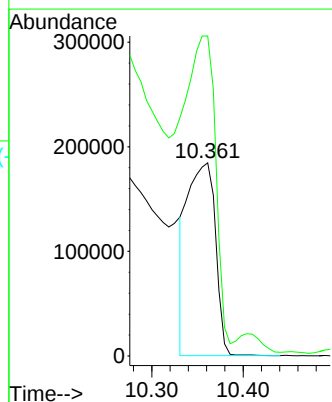
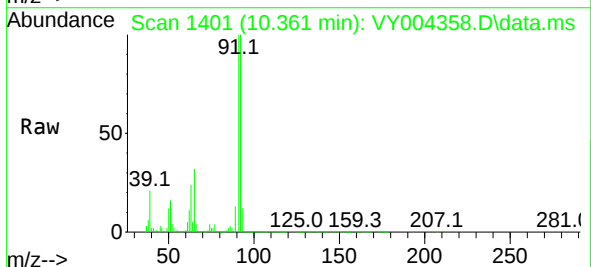
Instrument :
MSVOA_Y
ClientSampled :
41018

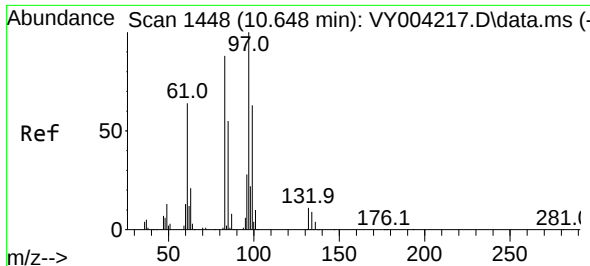
Tgt Ion: 43 Resp: 216505
Ion Ratio Lower Upper
43 100
58 64.3 30.6 45.8#



#53
t-1,3-Dichloropropene
Concen: 134.24 ug/l
RT: 10.361 min Scan# 1401
Delta R.T. -0.110 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 75 Resp: 394692
Ion Ratio Lower Upper
75 100
77 164.1 24.4 36.6#

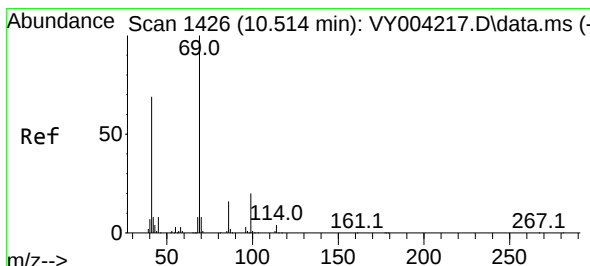
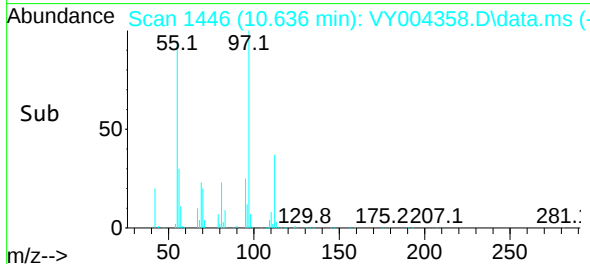
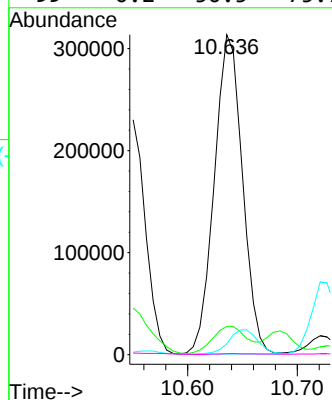
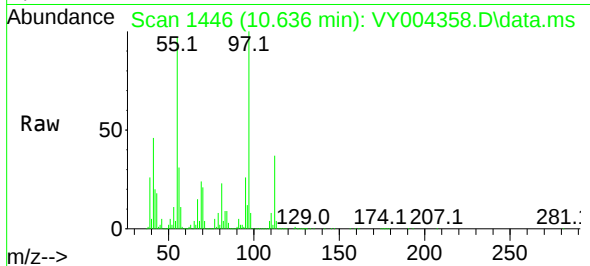




#55
1,1,2-Trichloroethane
Concen: 352.84 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.013 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

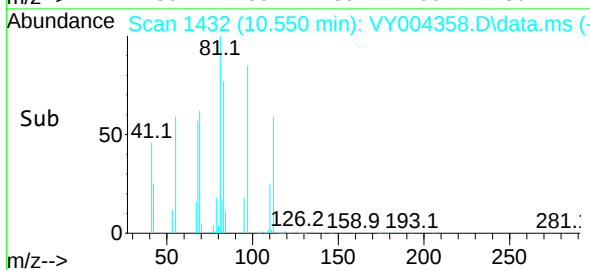
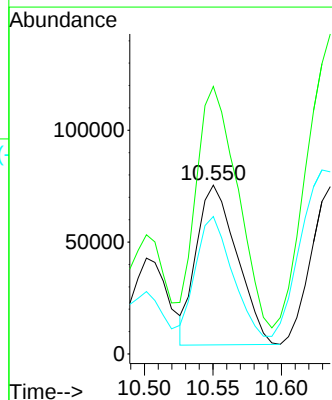
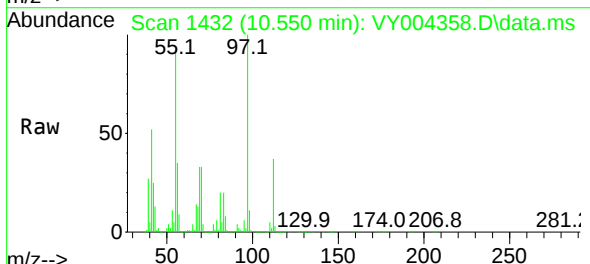
Instrument :
MSVOA_Y
ClientSampleId :
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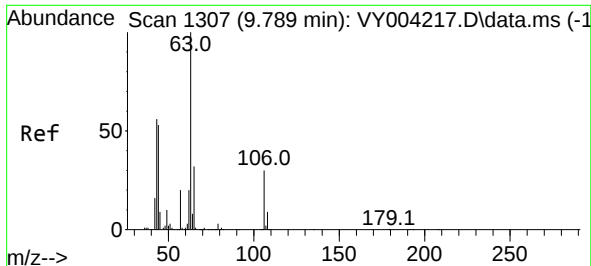
Tgt Ion: 97	Resp: 558620
Ion Ratio	Lower Upper
97 100	
83 8.3	70.6 105.8#
85 3.2	44.2 66.4#
99 0.2	50.5 75.7#



#56
Ethyl methacrylate
Concen: 67.55 ug/l
RT: 10.550 min Scan# 1432
Delta R.T. 0.036 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 69	Resp: 146736
Ion Ratio	Lower Upper
69 100	
41 153.8	54.8 82.2#
39 67.1	33.4 50.0#

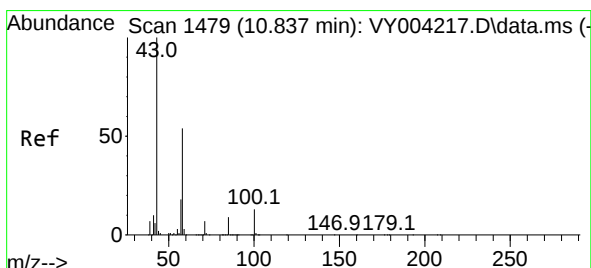
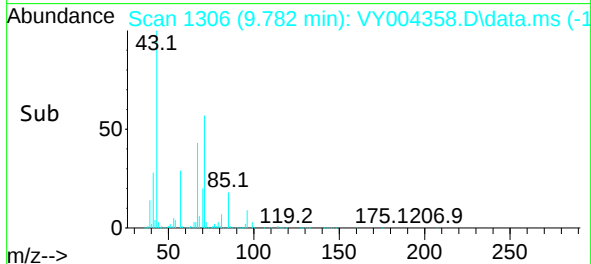
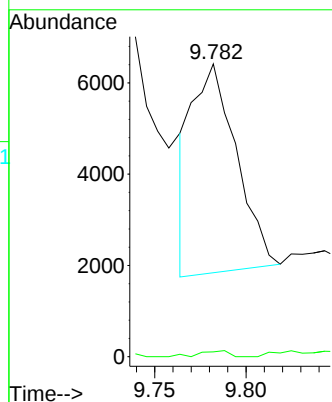
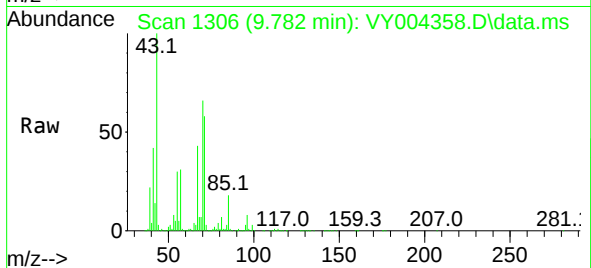




#58
2-Chloroethyl Vinyl ether
Concen: 8.42 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.007 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

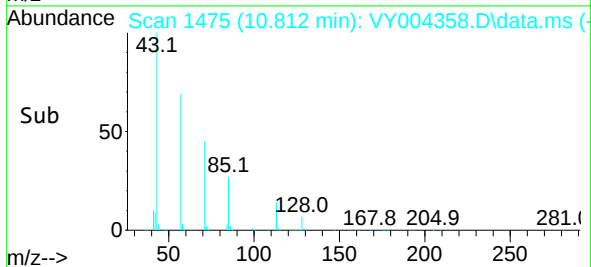
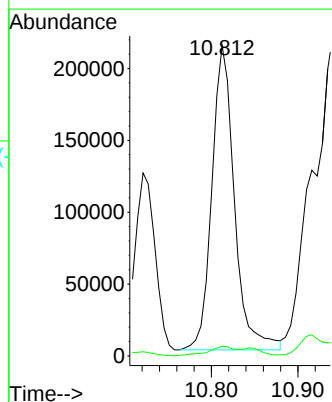
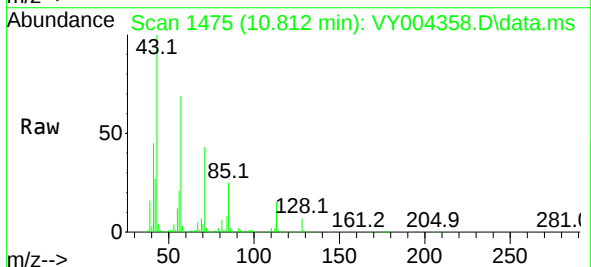
Instrument :
MSVOA_Y
ClientSampleId :
41018

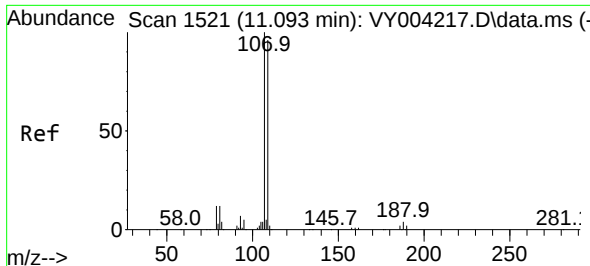
Tgt Ion: 63 Resp: 7830
Ion Ratio Lower Upper
63 100
106 1.8 23.8 35.8#



#59
2-Hexanone
Concen: 351.08 ug/l
RT: 10.812 min Scan# 1475
Delta R.T. -0.025 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 43 Resp: 383228
Ion Ratio Lower Upper
43 100
58 3.7 26.7 80.1#

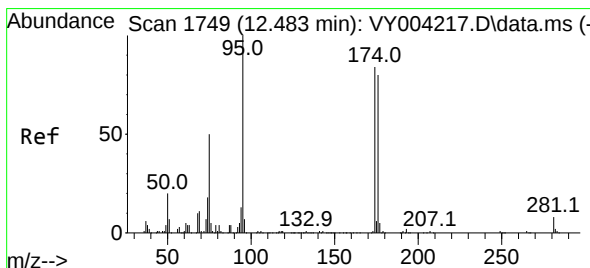
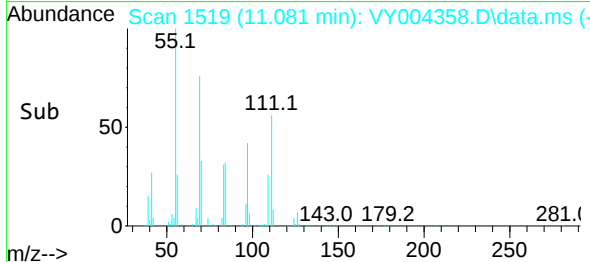
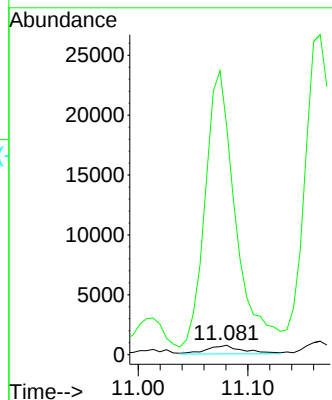
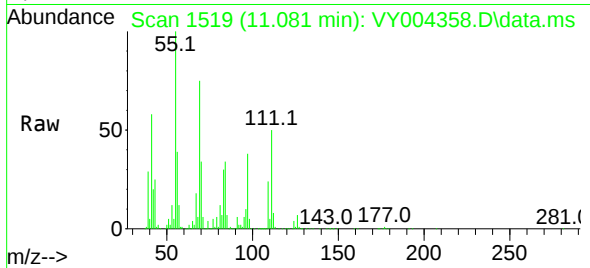




#61
1,2-Dibromoethane
Concen: 1.04 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.013 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

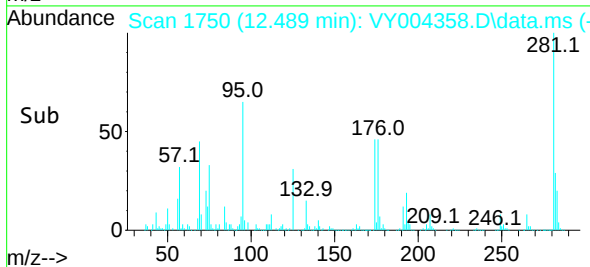
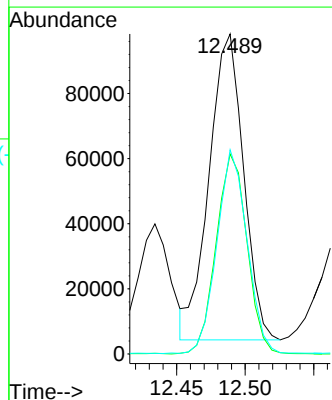
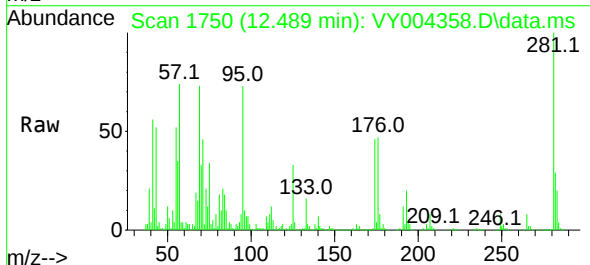
Instrument :
MSVOA_Y
ClientSampleId :
41018

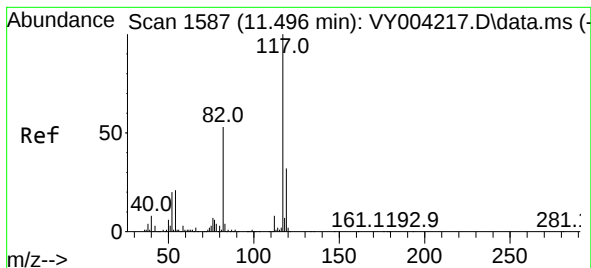
Tgt Ion:107 Resp: 1630
Ion Ratio Lower Upper
107 100
109 2719.1 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 74.25 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 95 Resp: 163904
Ion Ratio Lower Upper
95 100
174 58.6 0.0 171.4
176 58.3 0.0 165.6

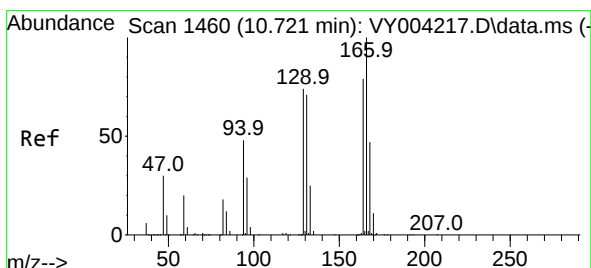
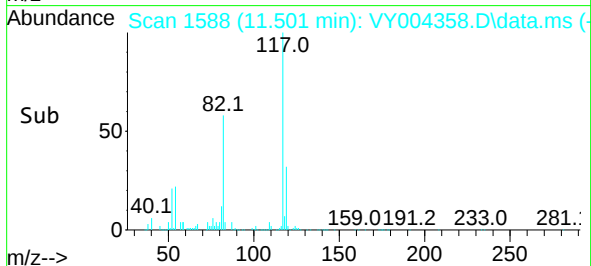
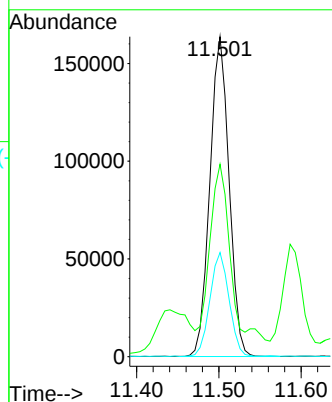
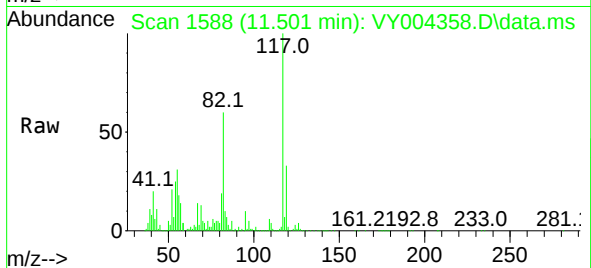




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

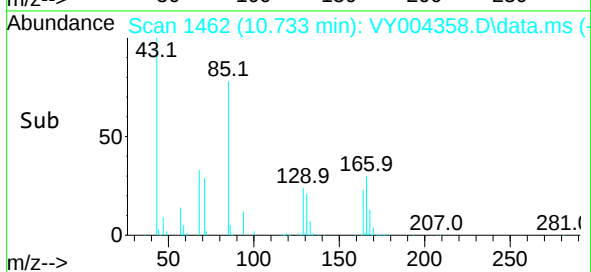
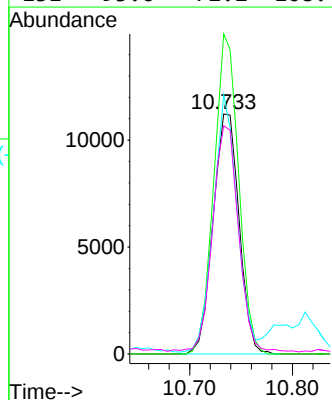
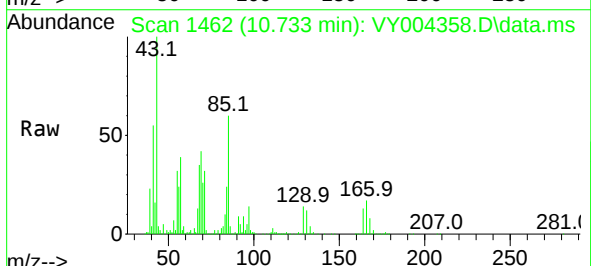
Instrument :
MSVOA_Y
ClientSampled :
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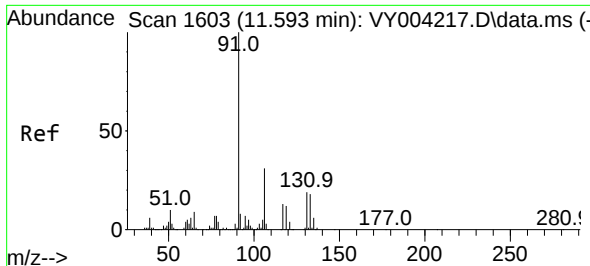
Tgt Ion:117 Resp: 265096
Ion Ratio Lower Upper
117 100
82 47.0 42.7 64.1
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 7.54 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.012 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion:164 Resp: 19667
Ion Ratio Lower Upper
164 100
166 133.3 101.3 151.9
129 107.1 75.3 112.9
131 93.6 72.2 108.4

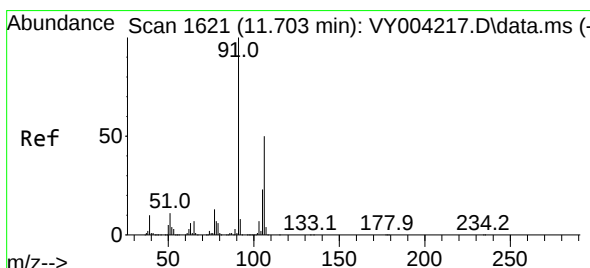
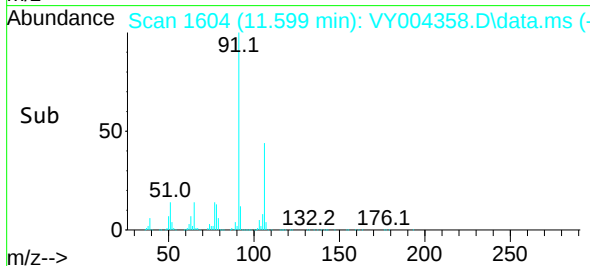
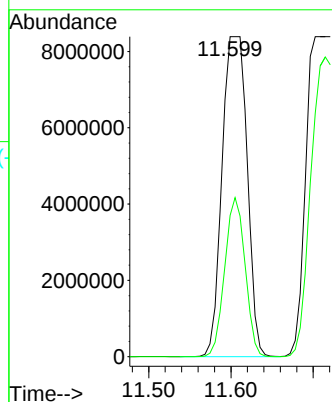
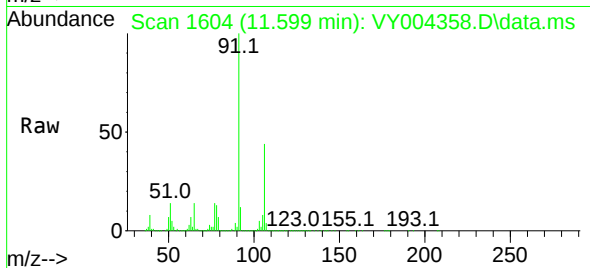




#67
Ethyl Benzene
Concen: 1855.03 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

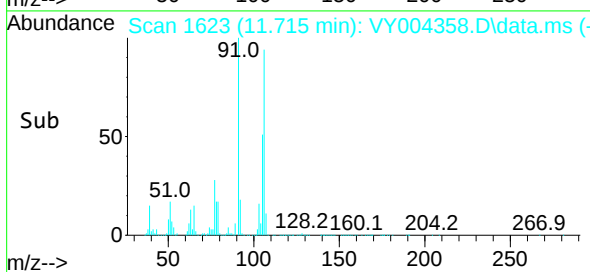
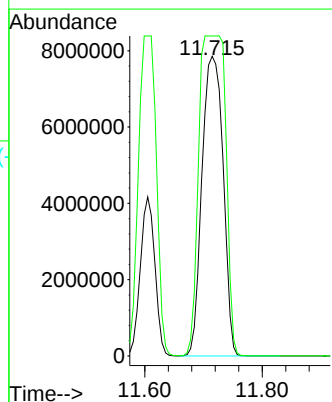
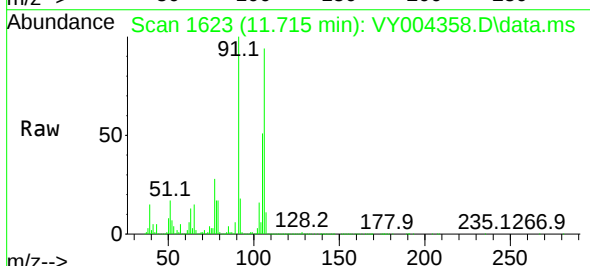
Instrument :
MSVOA_Y
ClientSampleId :
41018

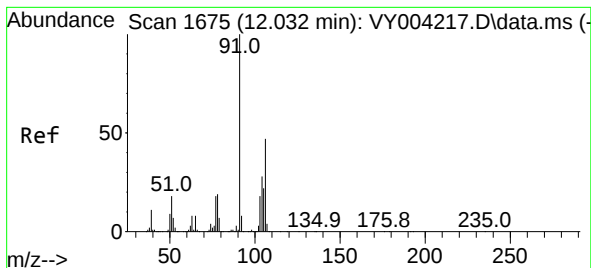
Tgt Ion: 91 Resp:17809466
Ion Ratio Lower Upper
91 100
106 44.2 25.0 37.6#



#68
m/p-Xylenes
Concen: 5329.15 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.012 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion:106 Resp:19645293
Ion Ratio Lower Upper
106 100
91 0.0 159.8 239.6#

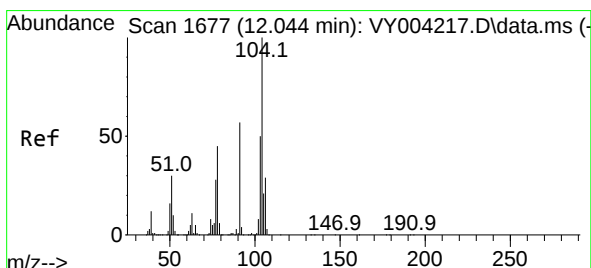
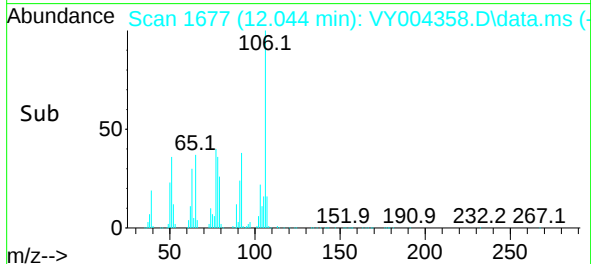
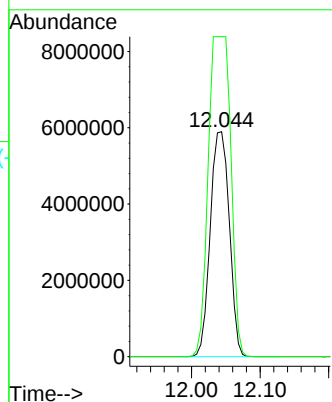
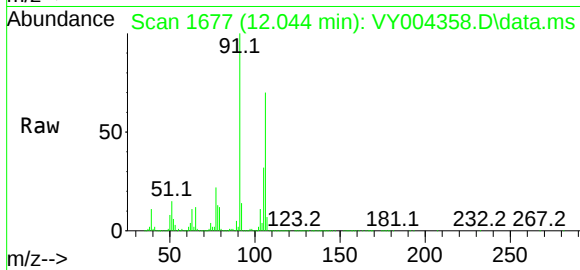




#69
o-Xylene
Concen: 3303.17 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

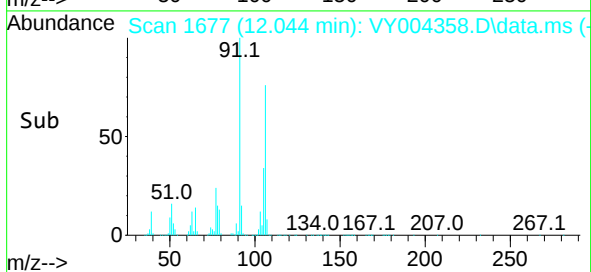
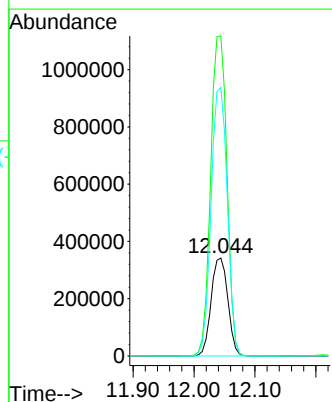
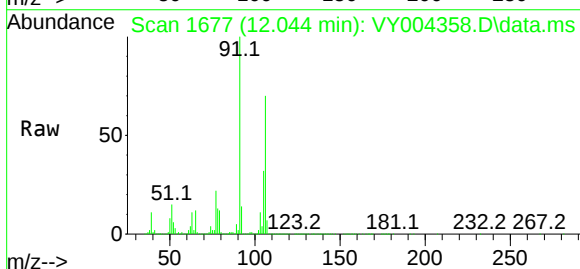
Instrument :
MSVOA_Y
ClientSampleId :
41018

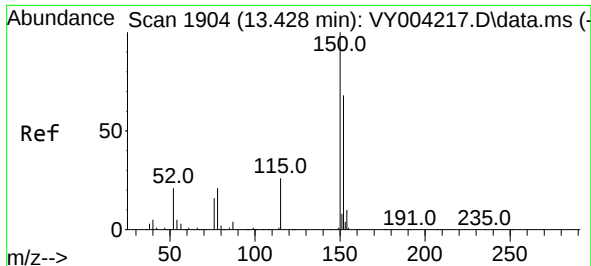
Tgt Ion:106 Resp:11393411
Ion Ratio Lower Upper
106 100
91 168.8 105.6 316.8



#70
Styrene
Concen: 113.28 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion:104 Resp: 650084
Ion Ratio Lower Upper
104 100
78 318.6 39.8 59.8#
103 266.9 43.3 64.9#

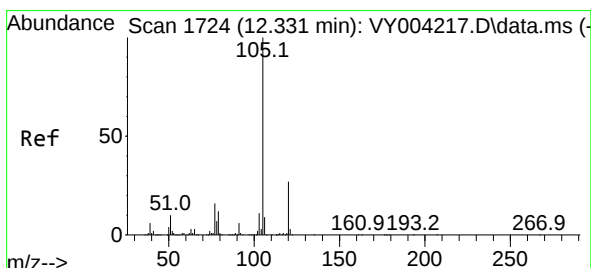
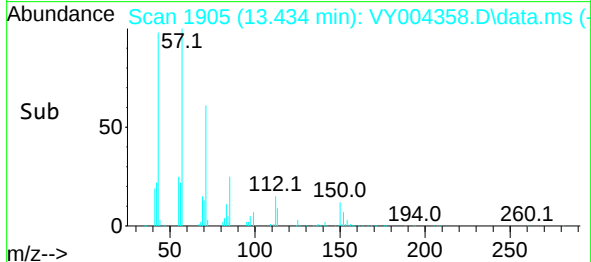
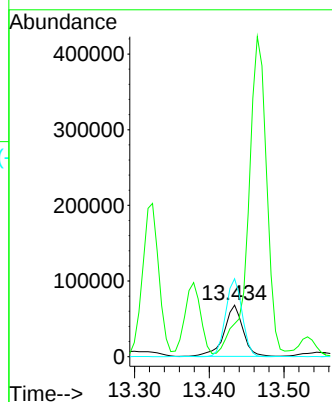
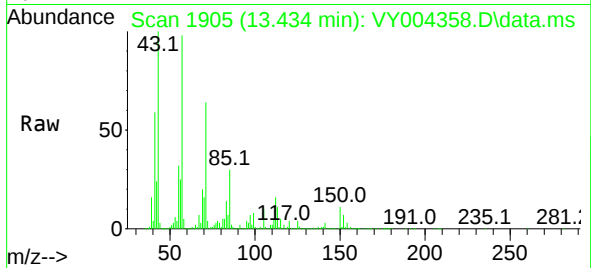




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

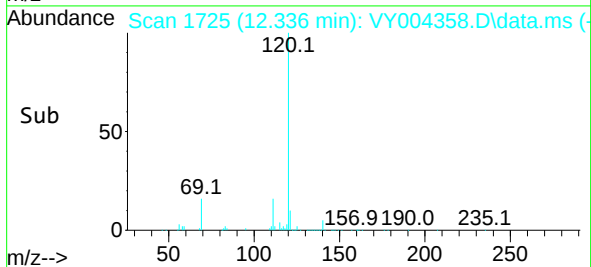
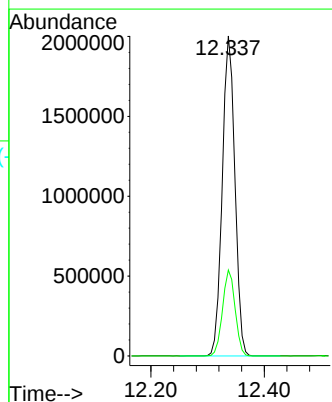
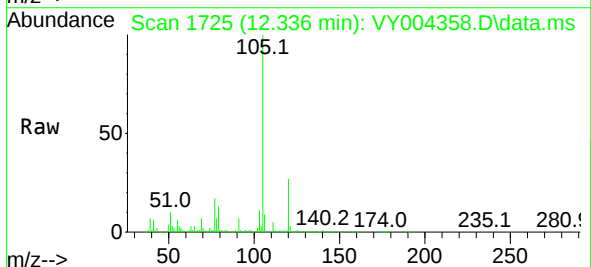
Instrument :
MSVOA_Y
ClientSampleId :
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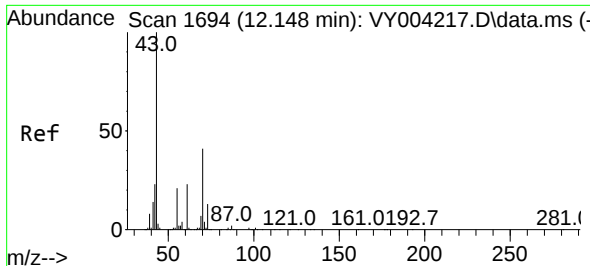
Tgt Ion:152 Resp: 118606
Ion Ratio Lower Upper
152 100
115 0.0 29.0 87.1#
150 133.7 0.0 347.4



#73
Isopropylbenzene
Concen: 356.71 ug/l
RT: 12.336 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion:105 Resp: 3090857
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0

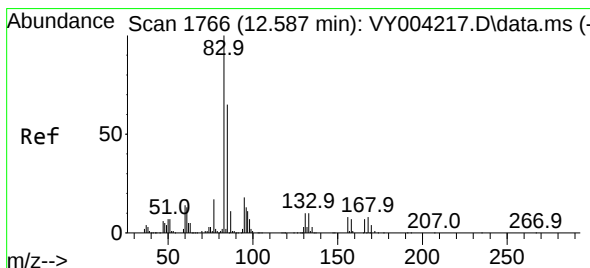
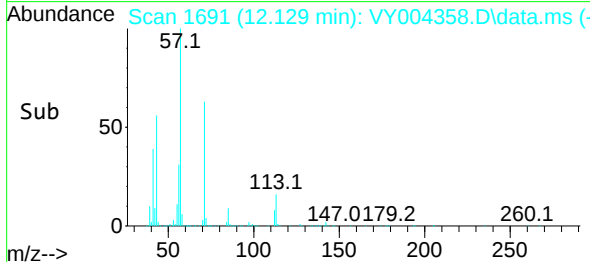
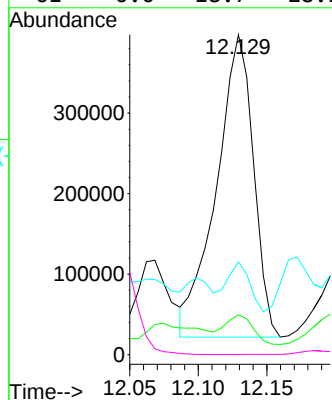
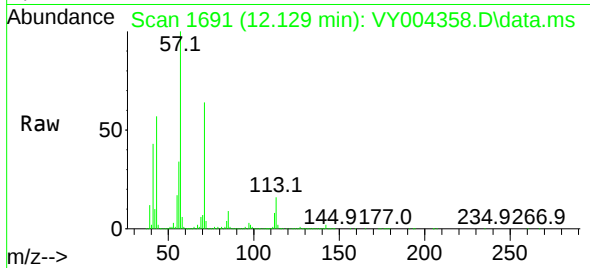




#74
N-amy1 acetate
Concen: 278.80 ug/l
RT: 12.129 min Scan# 1691
Delta R.T. -0.019 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

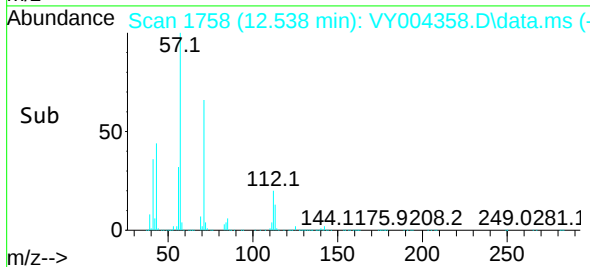
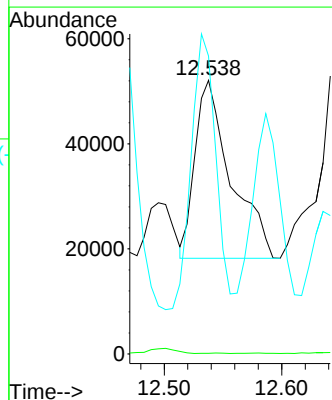
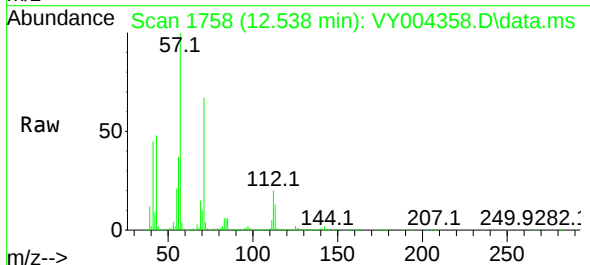
Instrument :
MSVOA_Y
ClientSampleId :
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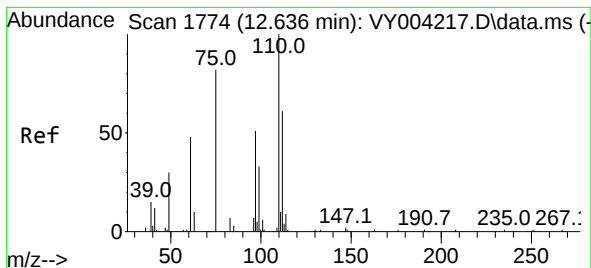
Tgt Ion: 43 Resp: 706044
Ion Ratio Lower Upper
43 100
70 7.3 32.6 49.0#
55 10.4 18.0 27.0#
61 0.0 18.7 28.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 44.99 ug/l
RT: 12.538 min Scan# 1758
Delta R.T. -0.049 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 83 Resp: 72151
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 104.6 31.8 95.4#

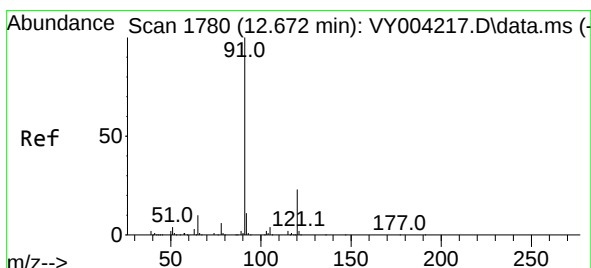
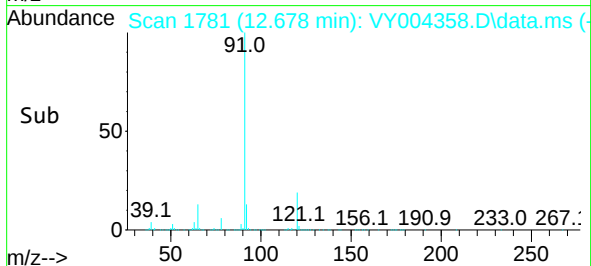
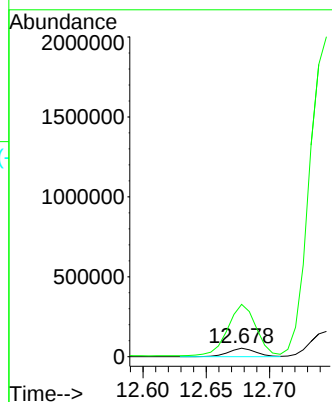
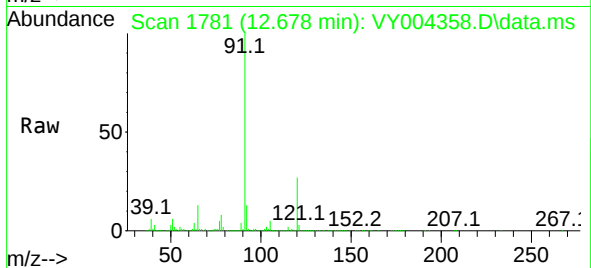




#76
1,2,3-Trichloropropane
Concen: 71.93 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.042 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

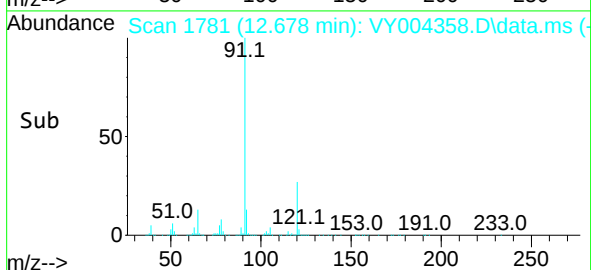
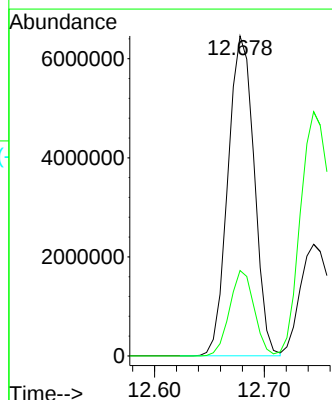
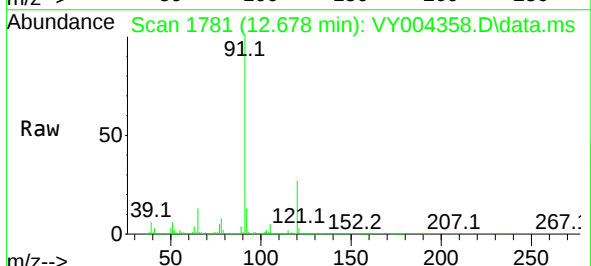
Instrument :
MSVOA_Y
ClientSampleId :
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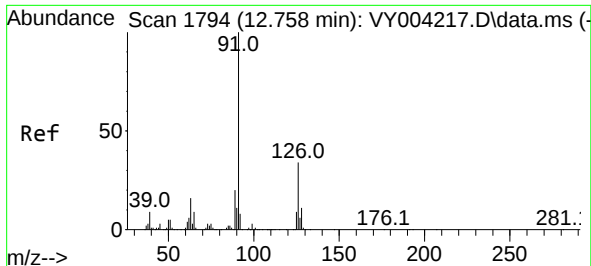
Tgt Ion: 75 Resp: 77467
Ion Ratio Lower Upper
75 100
77 648.8 0.0 0.0#



#78
n-propylbenzene
Concen: 1069.64 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 91 Resp: 10723405
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5

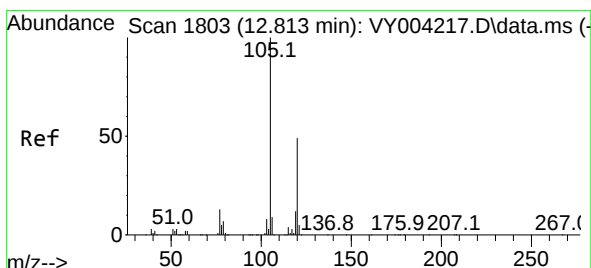
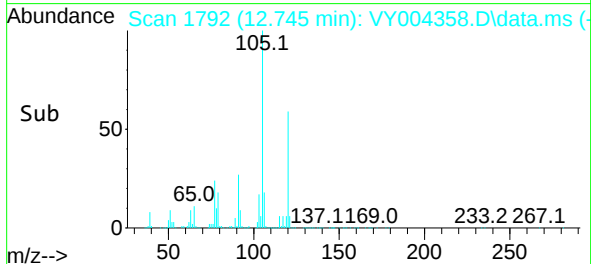
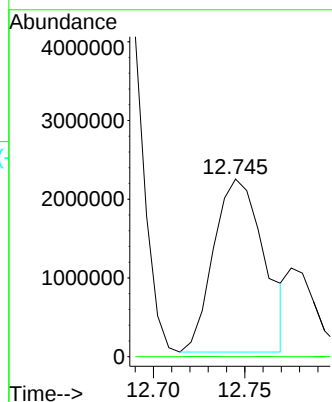
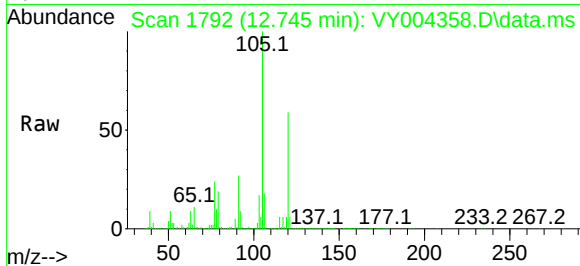




#79
2-Chlorotoluene
Concen: 766.76 ug/l
RT: 12.745 min Scan# 1792
Delta R.T. -0.013 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

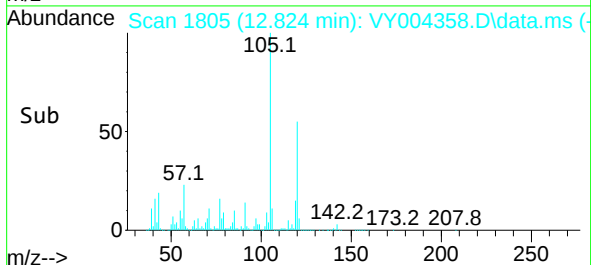
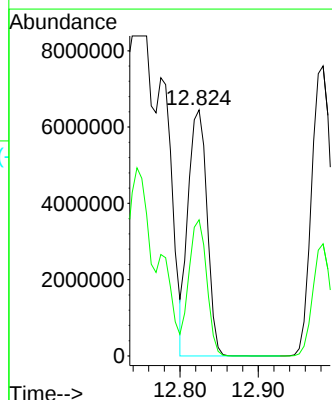
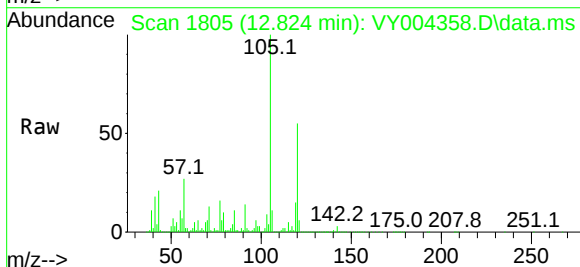
Instrument :
MSVOA_Y
ClientSampleId :
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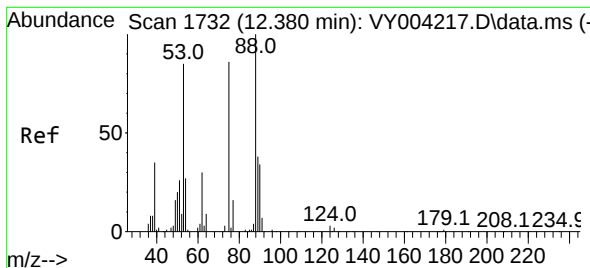
Tgt Ion: 91 Resp: 4223185
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#



#80
1,3,5-Trimethylbenzene
Concen: 1534.65 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.012 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 105 Resp: 10847891
Ion Ratio Lower Upper
105 100
120 52.3 24.9 74.7

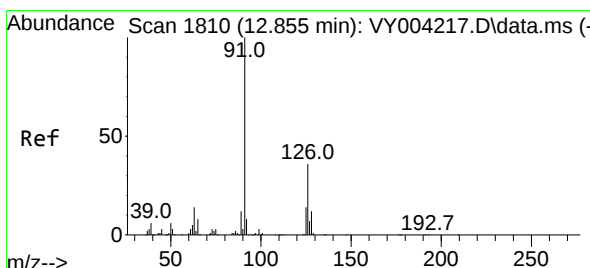
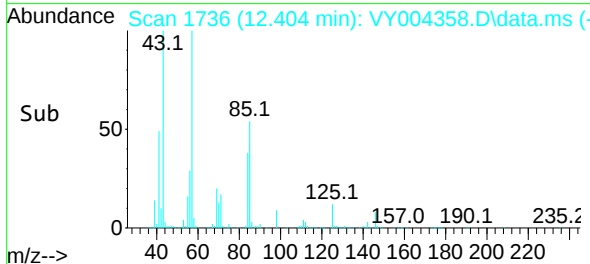
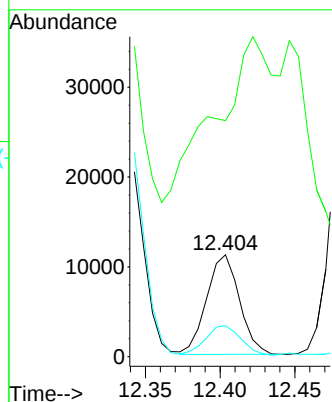
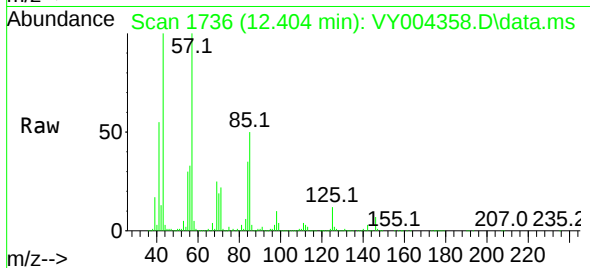




#81
trans-1,4-Dichloro-2-butene
Concen: 29.00 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.024 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

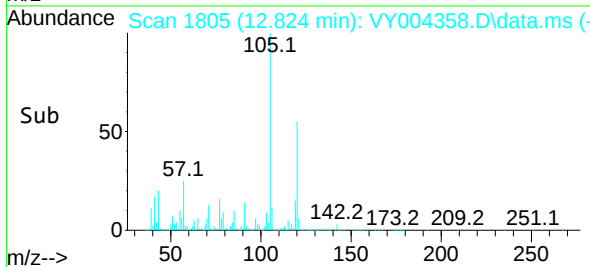
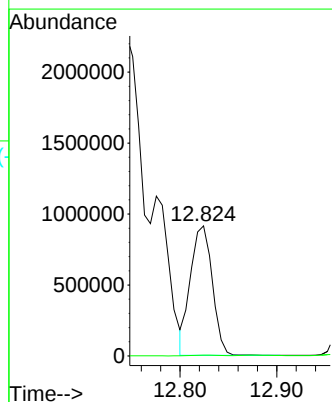
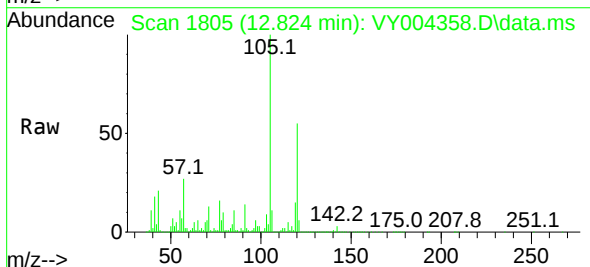
Instrument :
MSVOA_Y
ClientSampleId :
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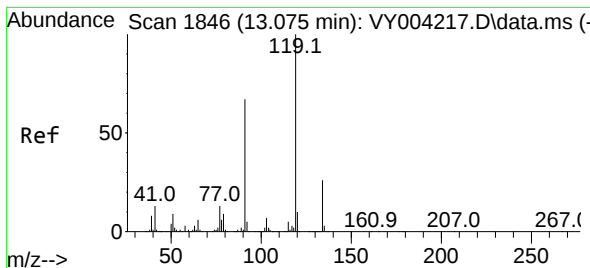
Tgt Ion: 75 Resp: 16949
Ion Ratio Lower Upper
75 100
53 300.4 79.3 118.9#
89 0.0 39.4 59.2#



#82
4-Chlorotoluene
Concen: 247.43 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. -0.031 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 91 Resp: 1434396
Ion Ratio Lower Upper
91 100
126 0.8 17.8 53.4#

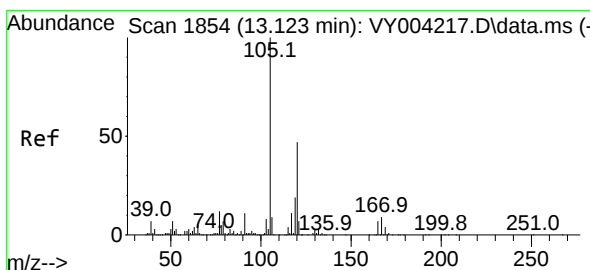
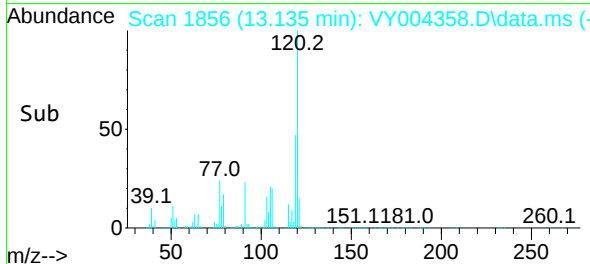
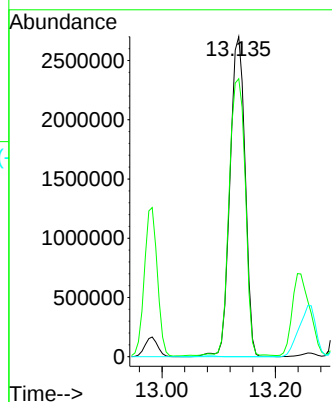
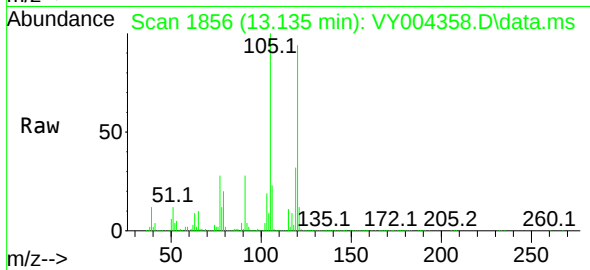




#83
tert-Butylbenzene
Concen: 818.93 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.060 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

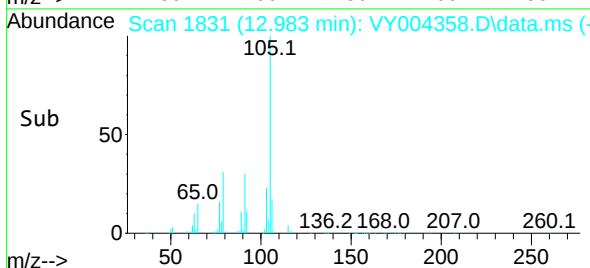
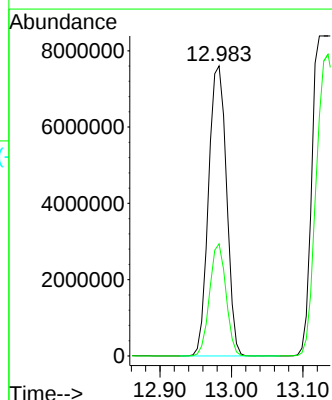
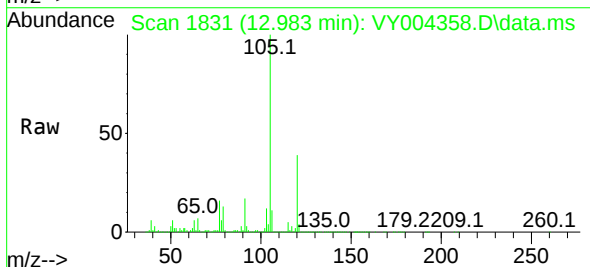
Instrument :
MSVOA_Y
ClientSampleId :
41018

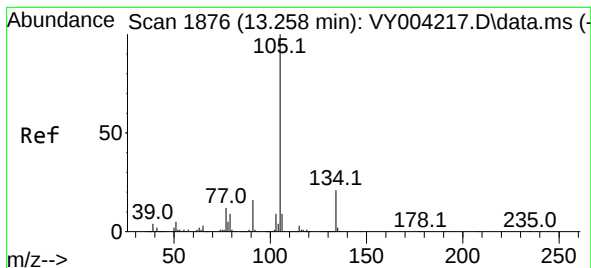
Tgt Ion:119 Resp: 5001991
Ion Ratio Lower Upper
119 100
91 92.8 33.1 99.2
134 0.0 13.6 40.8#



#84
1,2,4-Trimethylbenzene
Concen: 1869.79 ug/l
RT: 12.983 min Scan# 1831
Delta R.T. -0.141 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion:105 Resp:13257087
Ion Ratio Lower Upper
105 100
120 35.2 22.9 68.7

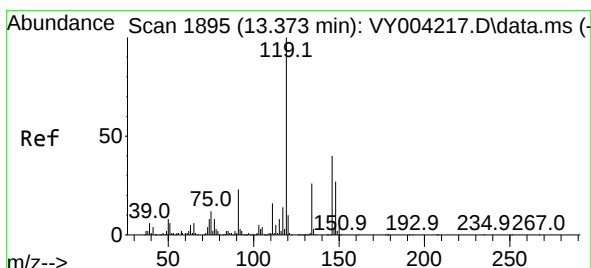
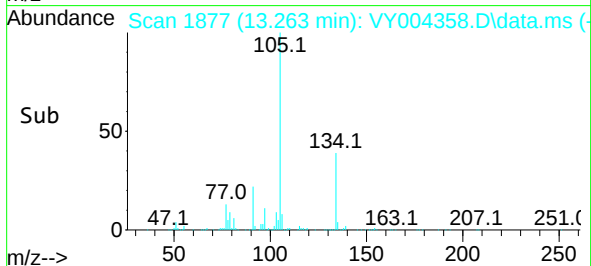
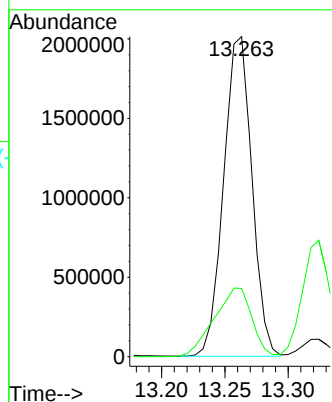
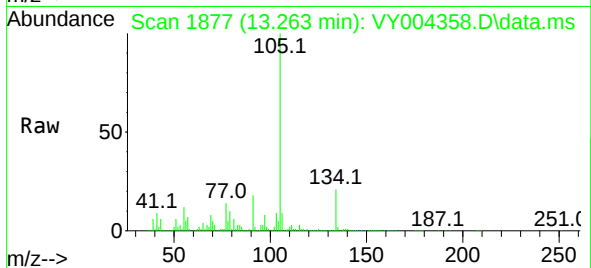




#85
 sec-Butylbenzene
 Concen: 371.55 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY004358.D
 Acq: 09 Apr 2021 15:22

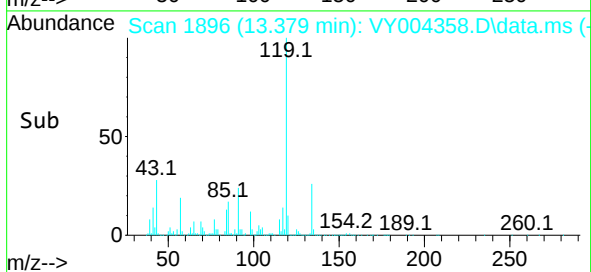
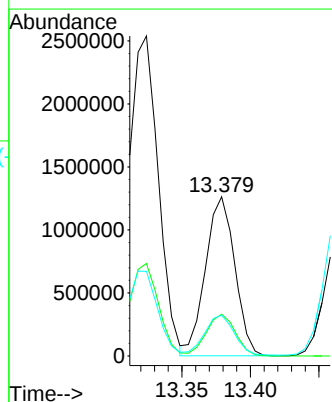
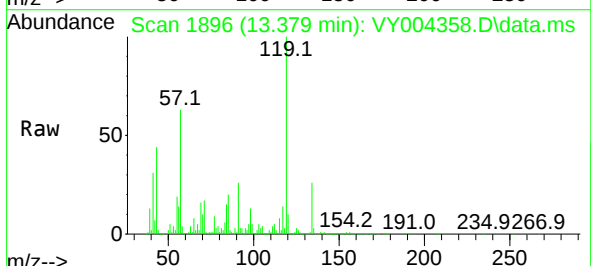
Instrument :
 MSVOA_Y
 ClientSampled :
 41018

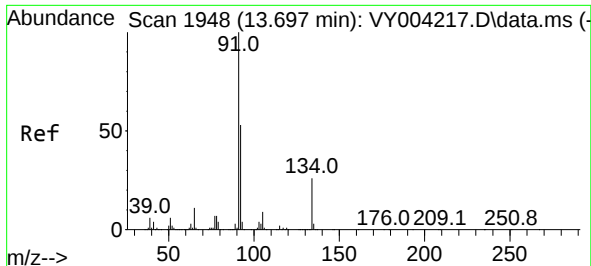
Tgt Ion:105 Resp: 3124125
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 240.71 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY004358.D
 Acq: 09 Apr 2021 15:22

Tgt Ion:119 Resp: 1882875
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.9
 91 25.2 12.0 36.0

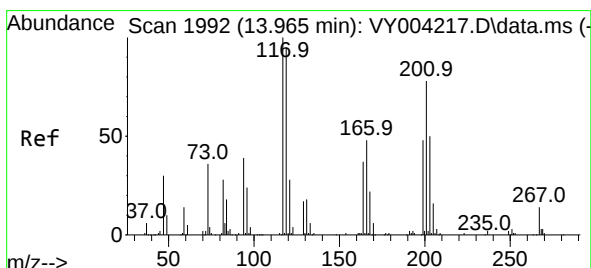
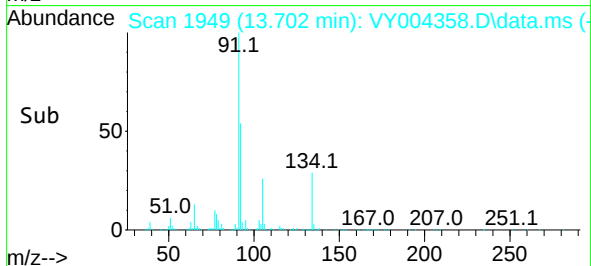
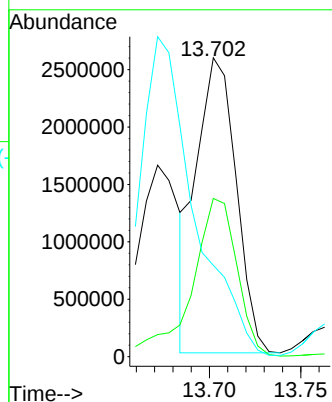
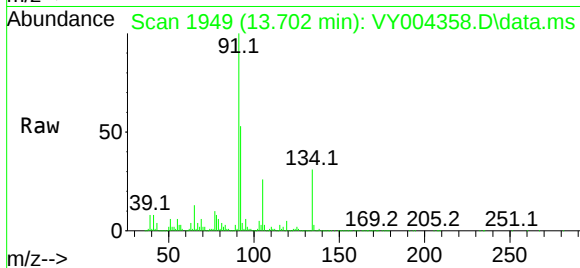




#89
n-Butylbenzene
Concen: 540.62 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

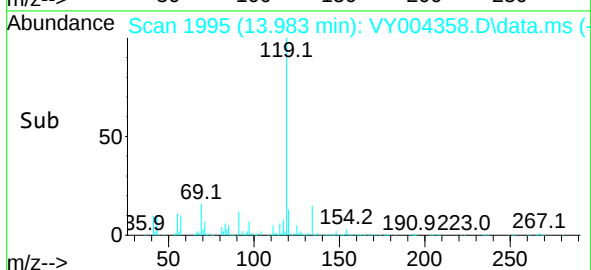
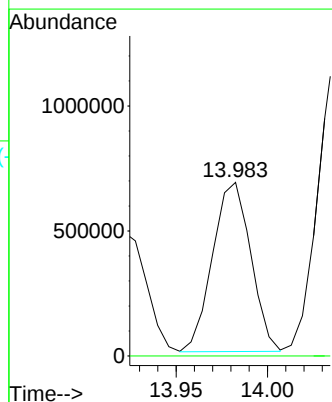
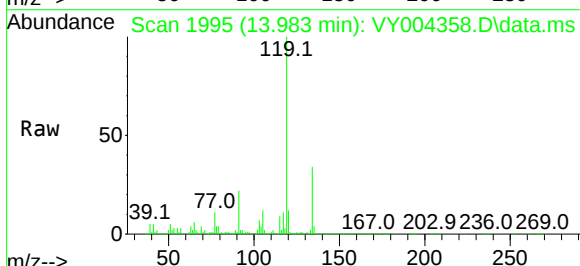
Instrument :
MSVOA_Y
ClientSampleId :
41018

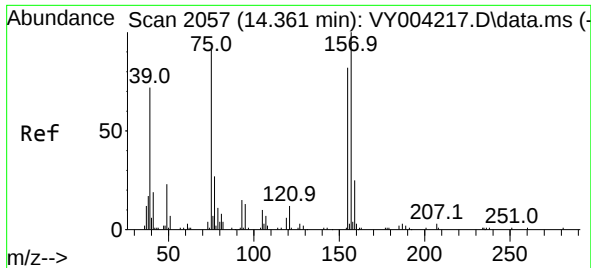
Tgt Ion: 91 Resp: 3888730
Ion Ratio Lower Upper
91 100
92 60.3 26.5 79.4
134 0.0 13.6 40.7#



#90
Hexachloroethane
Concen: 1220.60 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.018 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 117 Resp: 986113
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

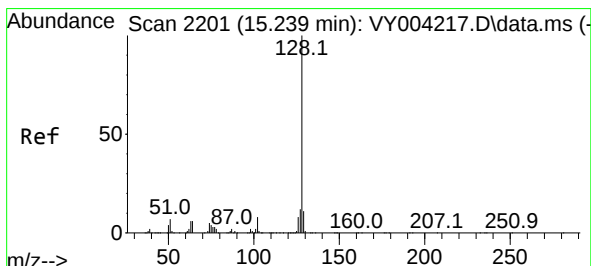
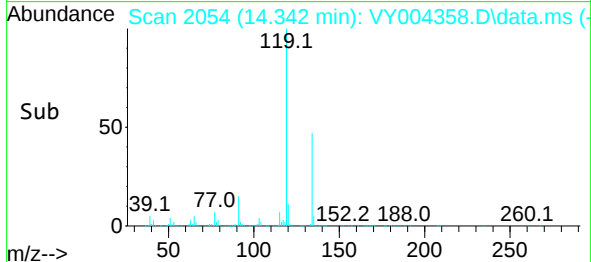
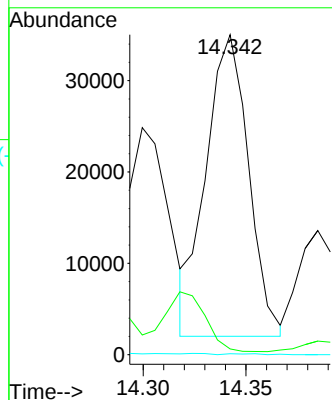
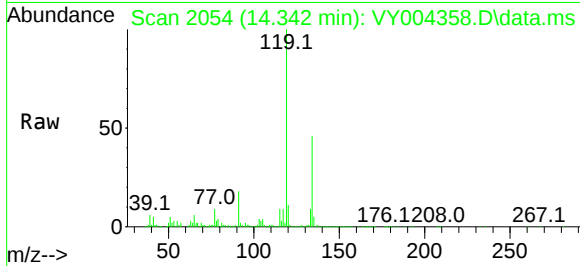




#92
1,2-Dibromo-3-Chloropropane
Concen: 158.64 ug/l
RT: 14.342 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

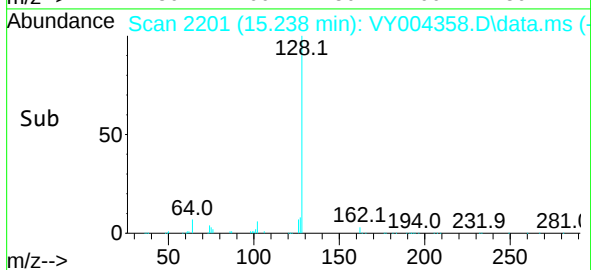
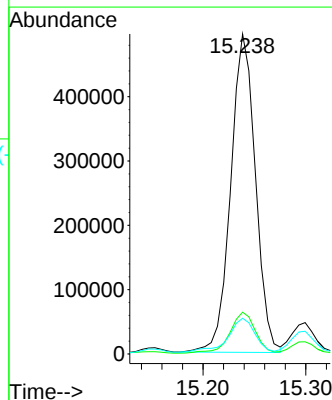
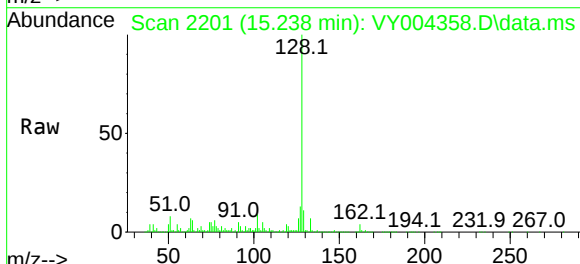
Instrument :
MSVOA_Y
ClientSampleId :
41018

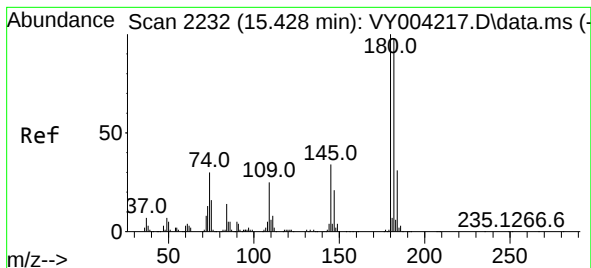
Tgt Ion: 75 Resp: 47475
Ion Ratio Lower Upper
75 100
155 0.0 46.3 138.8#
157 0.3 58.3 174.9#



#95
Naphthalene
Concen: 161.54 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.001 min
Lab File: VY004358.D
Acq: 09 Apr 2021 15:22

Tgt Ion:128 Resp: 827412
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.5 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.40 ug/l
 RT: 15.446 min Scan# 2235
 Delta R.T. 0.018 min
 Lab File: VY004358.D
 Acq: 09 Apr 2021 15:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 41018

Tgt Ion:180 Resp: 3099
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.0#
 145 0.0 16.7 50.0#

