

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004404.D
 Acq On : 13 Apr 2021 12:48
 Operator : SY/MD
 Sample : M2020-01
 Misc : 7.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 01:24:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	165527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	287905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	255197	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	265589	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	94203	51.22	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.44%			
35) Dibromofluoromethane	7.728	113	74587	46.68	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.36%			
50) Toluene-d8	10.191	98	1387197	204.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 408.24%#			
62) 4-Bromofluorobenzene	12.483	95	529011	229.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 458.76%#			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	11089	4.73	ug/l #	43
11) Tert butyl alcohol	4.966	59	337	1.86	ug/l #	73
13) Acrolein	3.723	56	500	2.48	ug/l #	1
14) Allyl chloride	4.576	41	64910	21.12	ug/l #	63
15) Acrylonitrile	5.259	53	70063	131.91	ug/l #	40
16) Acetone	3.954	43	47326	110.51	ug/l #	63
18) Methyl Acetate	4.570	43	58851	45.94	ug/l #	55
20) Methylene Chloride	4.741	84	7952	4.48	ug/l #	1
24) 1,1-Dichloroethane	6.118	63	4005	1.21	ug/l #	83
25) 2-Butanone	6.990	43	47658	68.03	ug/l #	54
26) 2,2-Dichloropropane	6.807	77	28855	9.69	ug/l #	54
29) Tetrahydrofuran	7.374	42	2931	5.86	ug/l #	38
30) Chloroform	7.478	83	138146	42.36	ug/l #	18
31) Cyclohexane	7.795	56	5884711	1745.41	ug/l #	85
37) Ethyl Acetate	6.990	43	47658	25.87	ug/l #	70
38) Carbon Tetrachloride	7.801	117	17689	7.15	ug/l #	16
39) Methylcyclohexane	9.197	83	17405621	4941.76	ug/l	95
41) Methacrylonitrile	7.368	41	28650	25.66	ug/l #	100
42) 1,2-Dichloroethane	8.289	62	16328	6.47	ug/l #	1
43) Isopropyl Acetate	8.283	43	1277569	365.80	ug/l #	56
45) 1,2-Dichloropropane	9.197	63	230710	111.19	ug/l #	1
47) Bromodichloromethane	9.478	83	308567	112.82	ug/l #	35
48) Methyl methacrylate	9.252	41	511305	317.91	ug/l #	38
49) 1,4-Dioxane	9.319	88	21	1.42	ug/l #	1
51) 4-Methyl-2-Pentanone	9.971	43	7409818	4130.36	ug/l #	44
52) Toluene	10.252	92	6117	1.18	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	3422120	2198.42	ug/l #	20
56) Ethyl methacrylate	10.532	69	1596952	707.47	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.770	63	12456	10.78	ug/l #	48
59) 2-Hexanone	10.813	43	6139291	5104.92	ug/l #	31
60) Dibromochloromethane	10.916	129	9118	4.93	ug/l	64
61) 1,2-Dibromoethane	11.099	107	10172	6.78	ug/l #	2
65) Chlorobenzene	11.636	112	94115	18.07	ug/l #	42
67) Ethyl Benzene	11.599	91	182022	18.68	ug/l	93
73) Isopropylbenzene	12.337	105	2917491	142.16	ug/l	100
74) N-amyl acetate	12.136	43	4235748	613.04	ug/l #	59

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

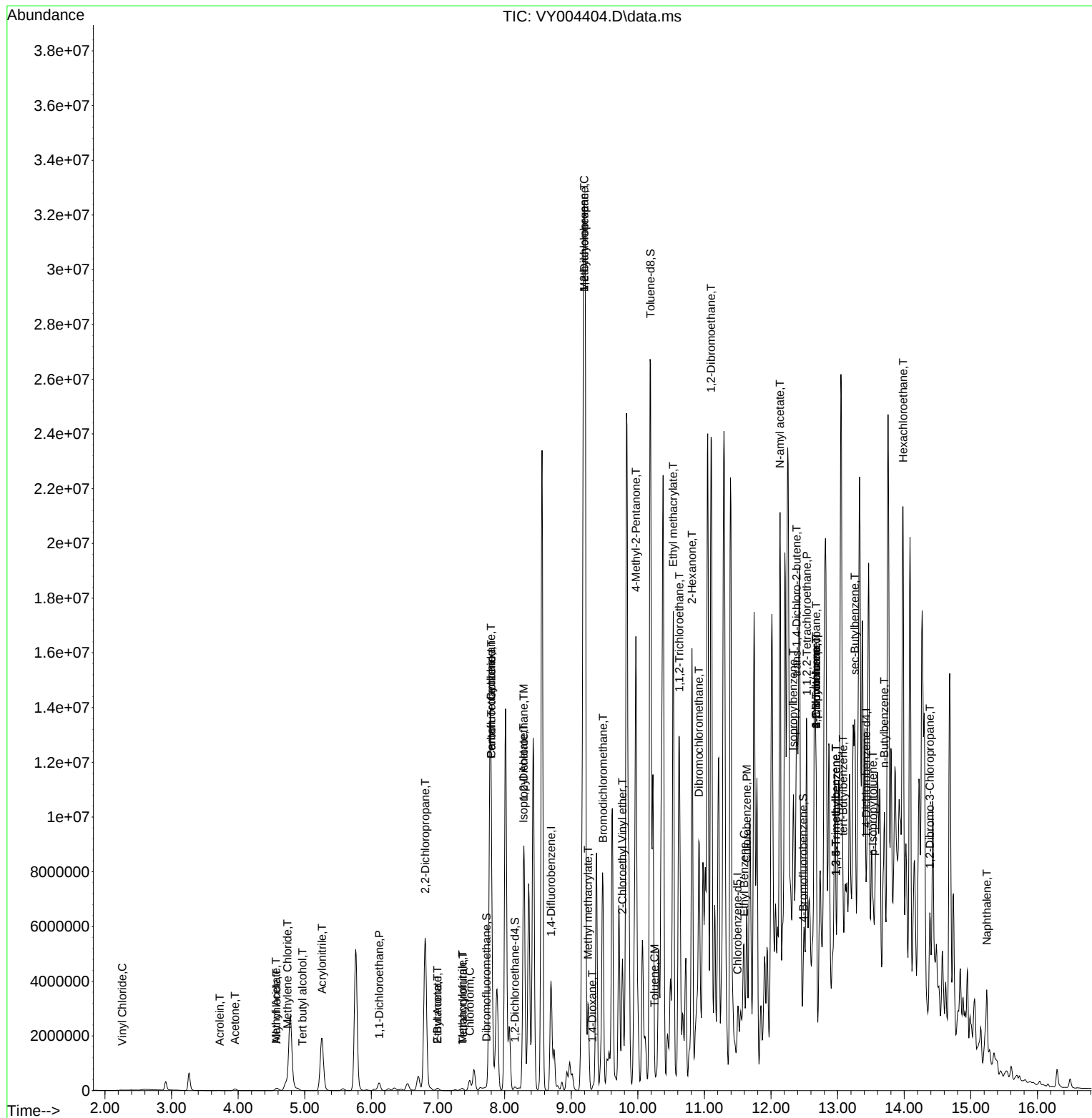
75) 1,1,2,2-Tetrachloroethane	12.538	83	124114	31.97	ug/l #	1
76) 1,2,3-Trichloropropane	12.678	75	35455	12.44	ug/l #	100
78) n-propylbenzene	12.678	91	5115312	210.99	ug/l	99
79) 2-Chlorotoluene	12.678	91	5115312	385.79	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.977	105	224249	13.44	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.386	75	2290	1.44	ug/l #	1
82) 4-Chlorotoluene	12.678	91	5115312	365.34	ug/l #	41
83) tert-Butylbenzene	13.081	119	329900	23.11	ug/l	76
84) 1,2,4-Trimethylbenzene	12.977	105	224249	13.32	ug/l	75
85) sec-Butylbenzene	13.257	105	2531959	127.13	ug/l #	70
86) p-Isopropyltoluene	13.532	119	880935	48.63	ug/l	97
89) n-Butylbenzene	13.702	91	2583740	149.42	ug/l #	88
90) Hexachloroethane	13.983	117	738686	303.91	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.385	75	9994	14.34	ug/l #	12
95) Naphthalene	15.239	128	2160900	197.12	ug/l	99

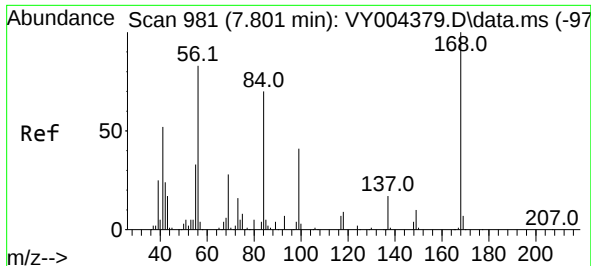
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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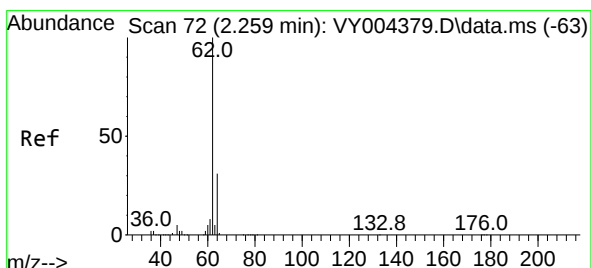
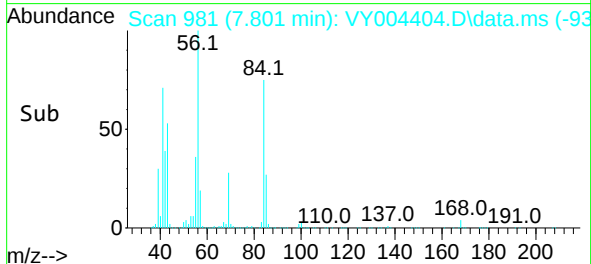
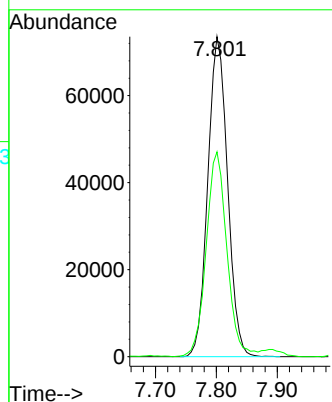
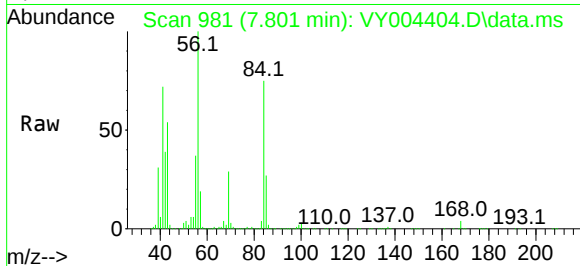




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

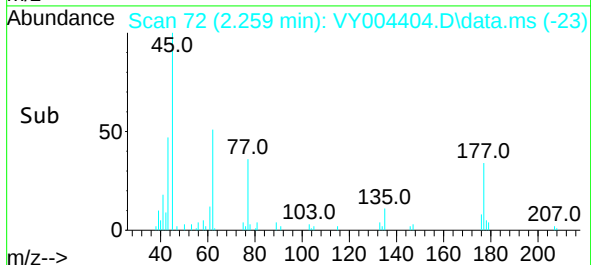
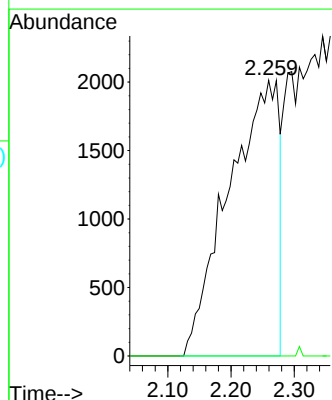
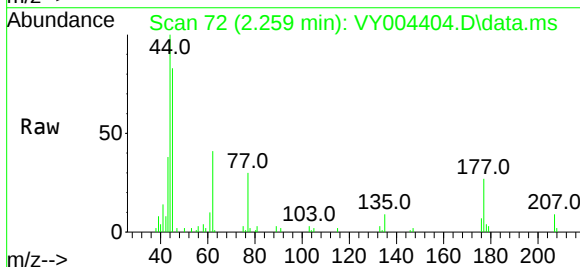
Instrument :
MSVOA_Y
ClientSampled :

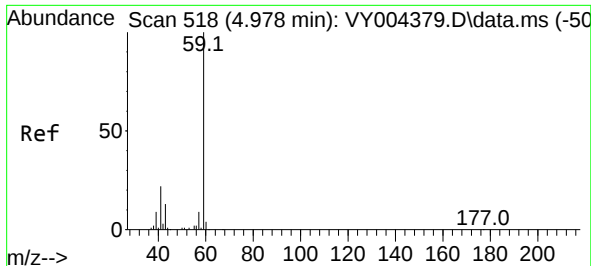
Tgt Ion:168 Resp: 165527
Ion Ratio Lower Upper
168 100
99 63.8 45.5 68.3



#4
Vinyl Chloride
Concen: 4.73 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 62 Resp: 11089
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



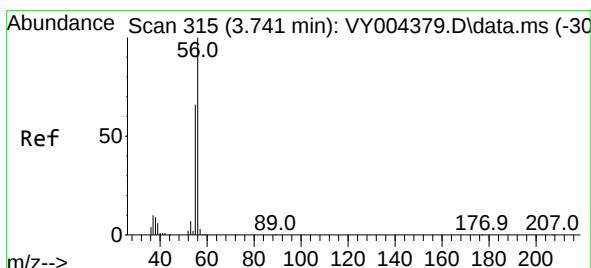
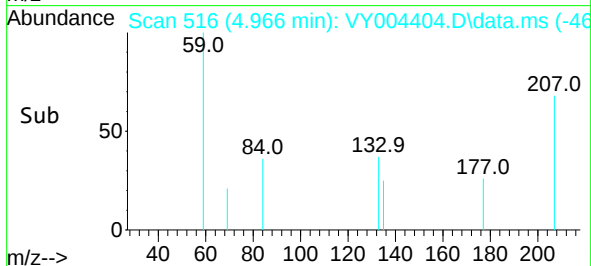
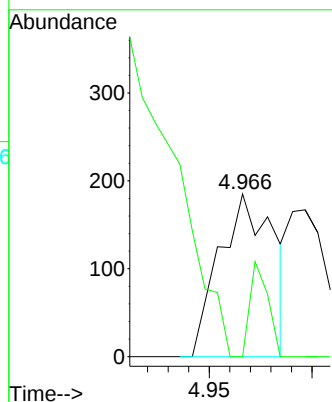
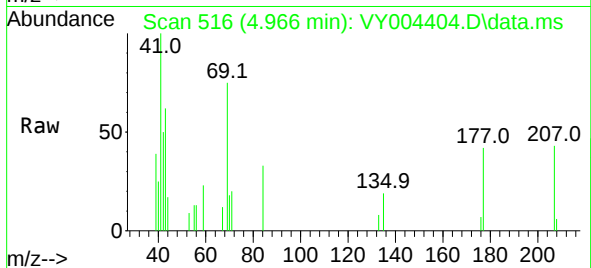


#11

Tert butyl alcohol
Concen: 1.86 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Instrument :
MSVOA_Y
ClientSampled :

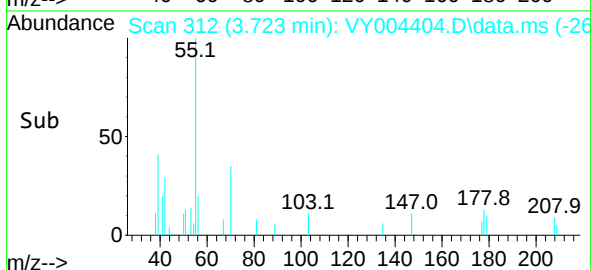
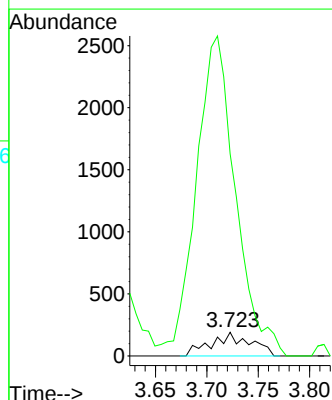
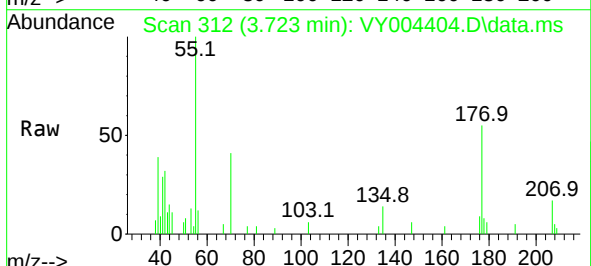
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

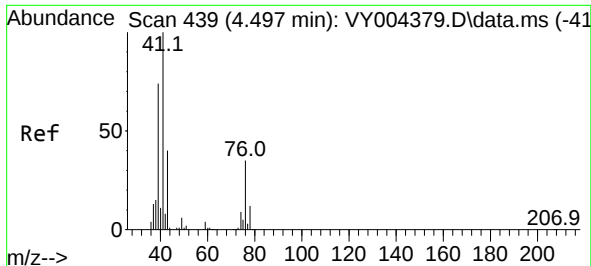


#13

Acrolein
Concen: 2.48 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.018 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

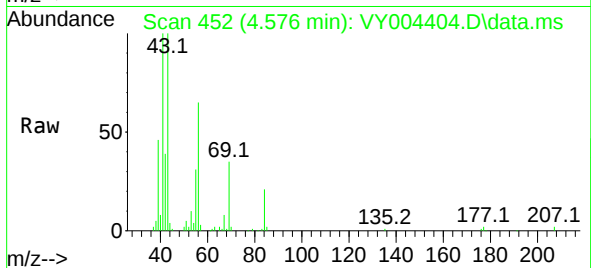
Tgt Ion: 56 Resp: 500
Ion Ratio Lower Upper
56 100
55 1368.0 55.4 83.2#



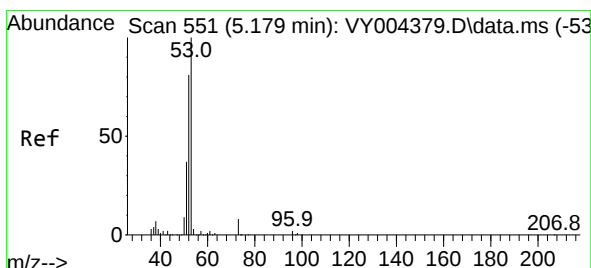
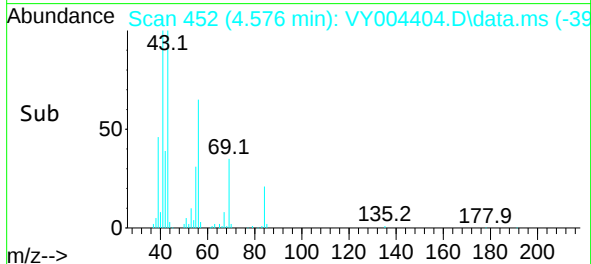
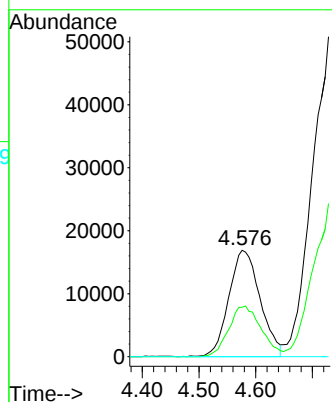


#14
 Allyl chloride
 Concen: 21.12 ug/l
 RT: 4.576 min Scan# 452
 Delta R.T. 0.079 min
 Lab File: VY004404.D
 Acq: 13 Apr 2021 12:48

Instrument :
 MSVOA_Y
 ClientSampled :

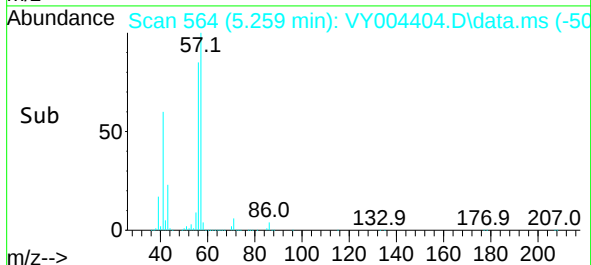
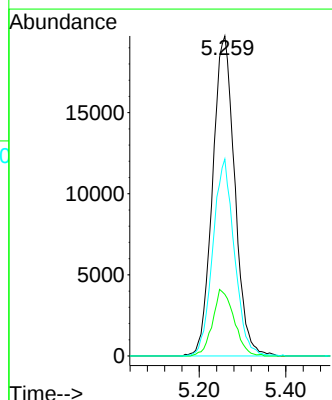
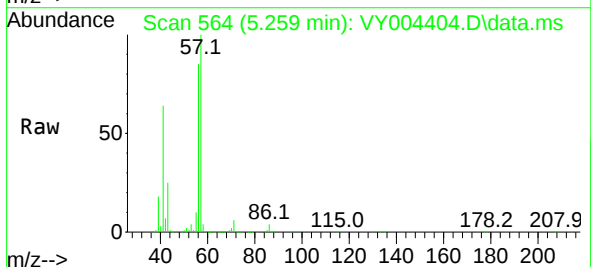


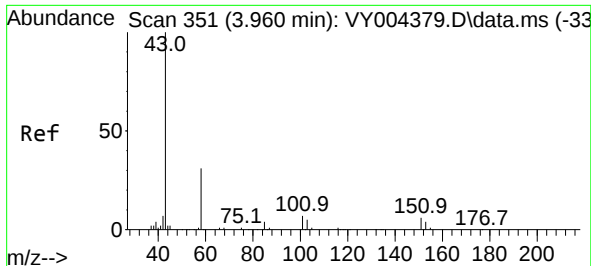
Tgt Ion: 41 Resp: 64910
 Ion Ratio Lower Upper
 41 100
 39 49.4 56.9 85.3#
 76 0.0 26.8 40.2#



#15
 Acrylonitrile
 Concen: 131.91 ug/l
 RT: 5.259 min Scan# 564
 Delta R.T. 0.079 min
 Lab File: VY004404.D
 Acq: 13 Apr 2021 12:48

Tgt Ion: 53 Resp: 70063
 Ion Ratio Lower Upper
 53 100
 52 20.1 64.9 97.3#
 51 60.0 29.3 43.9#

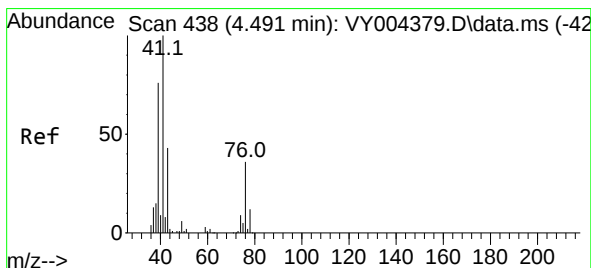
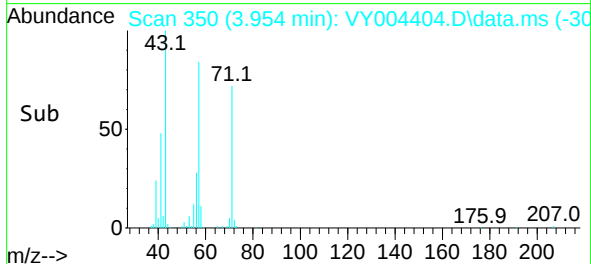
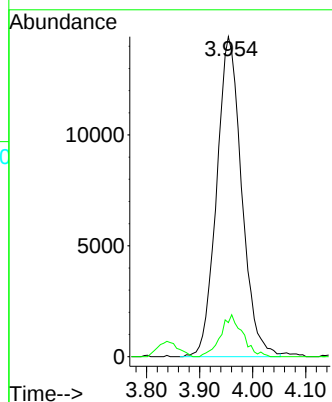
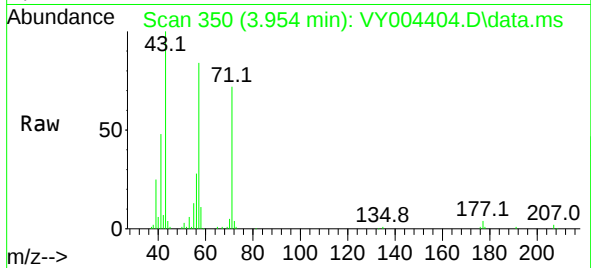




#16
Acetone
Concen: 110.51 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

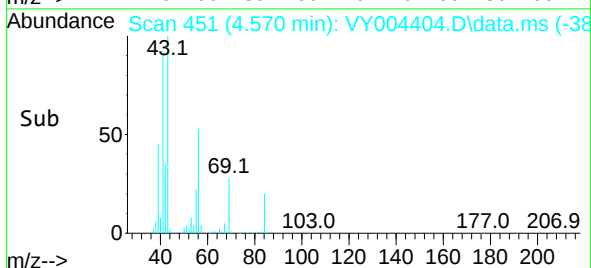
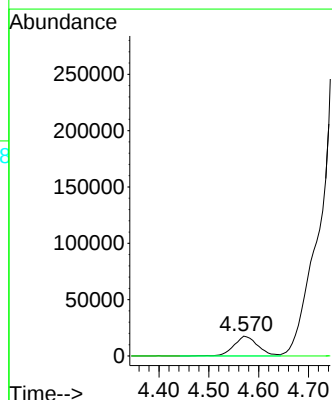
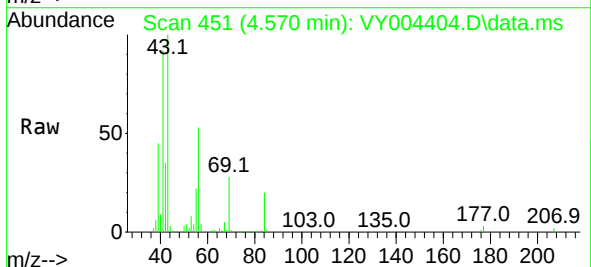
Instrument :
MSVOA_Y
ClientSampled :

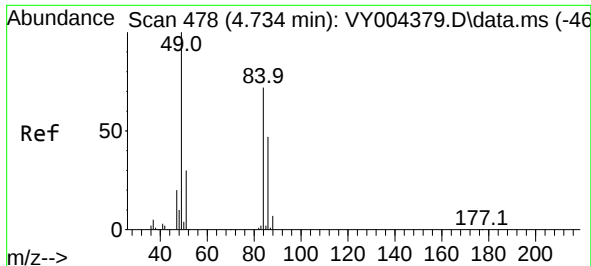
Tgt Ion: 43 Resp: 47326
Ion Ratio Lower Upper
43 100
58 10.7 24.6 37.0#



#18
Methyl Acetate
Concen: 45.94 ug/l
RT: 4.570 min Scan# 451
Delta R.T. 0.079 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

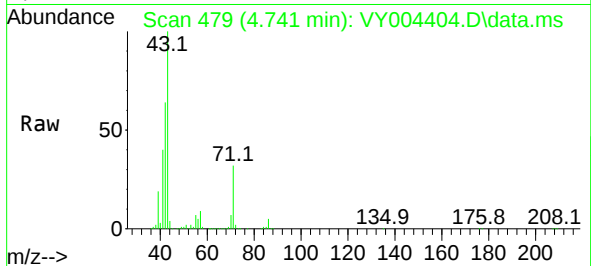
Tgt Ion: 43 Resp: 58851
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



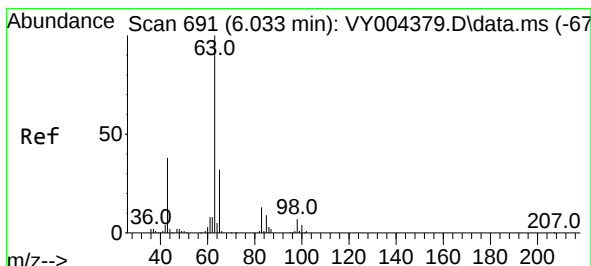
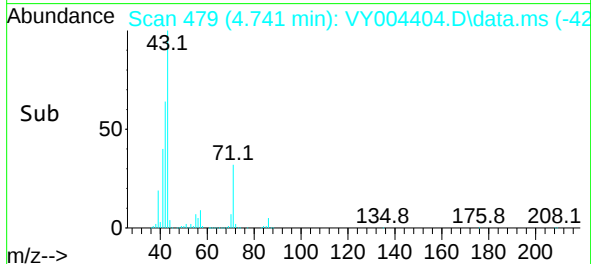
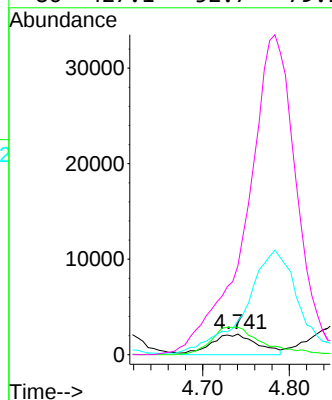


#20
Methylene Chloride
Concen: 4.48 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

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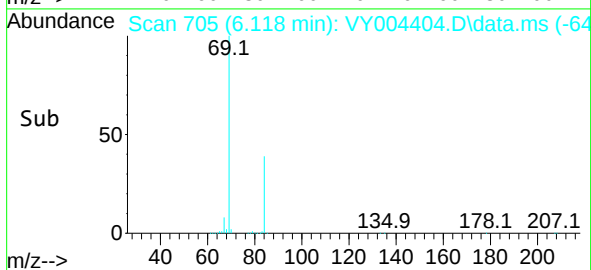
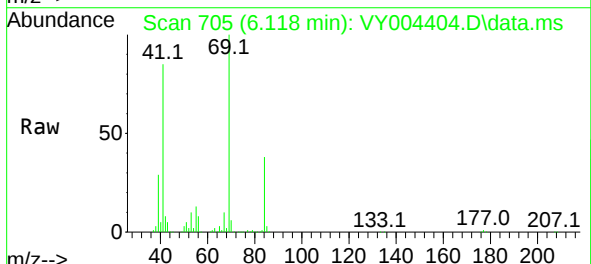
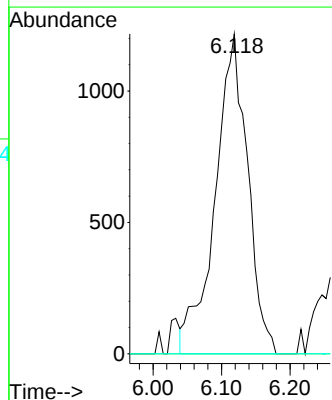


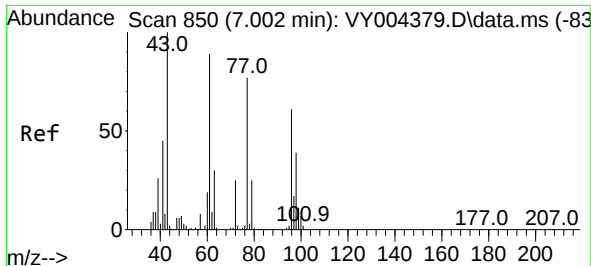
Tgt Ion: 84 Resp: 7952
Ion Ratio Lower Upper
84 100
49 141.4 111.2 166.8
51 160.6 33.4 50.2#
86 427.1 52.7 79.1#



#24
1,1-Dichloroethane
Concen: 1.21 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.085 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 63 Resp: 4005
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.0 6.0#

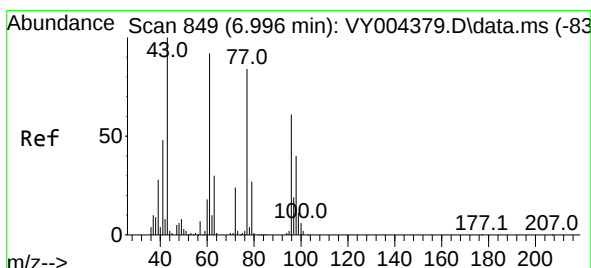
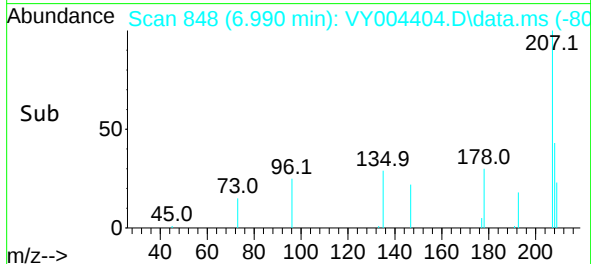
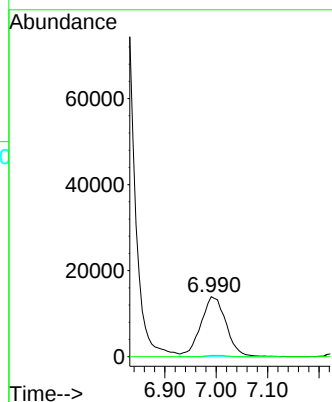
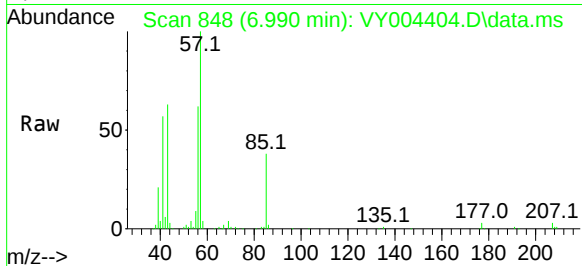




#25
2-Butanone
Concen: 68.03 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

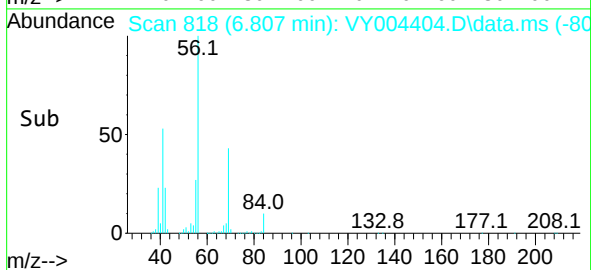
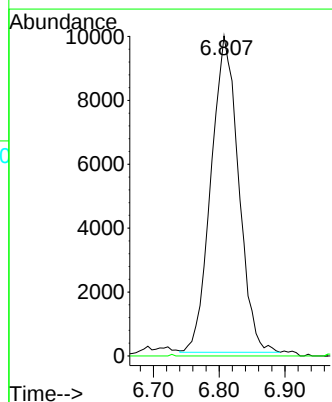
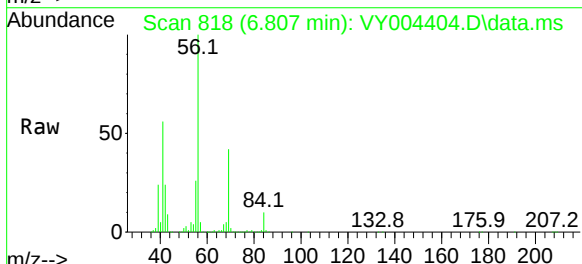
Instrument :
MSVOA_Y
ClientSampled :

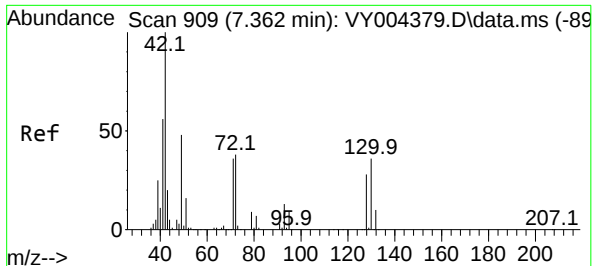
Tgt Ion: 43 Resp: 47658
Ion Ratio Lower Upper
43 100
72 2.1 20.2 30.2#



#26
2,2-Dichloropropane
Concen: 9.69 ug/l
RT: 6.807 min Scan# 818
Delta R.T. -0.189 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 77 Resp: 28855
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.3#





#29

Tetrahydrofuran

Concen: 5.86 ug/l

RT: 7.374 min Scan# 911

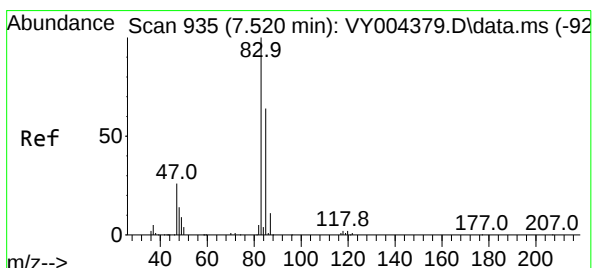
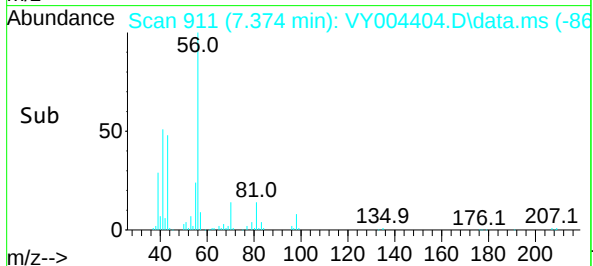
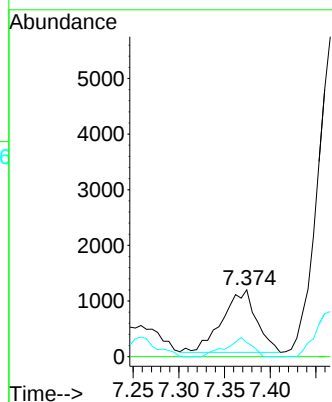
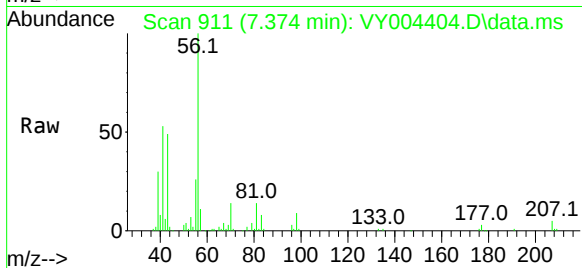
Delta R.T. 0.012 min

Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

Tgt Ion:	42	Resp:	2931
Ion Ratio	Lower	Upper	
42	100		
72	0.0	31.0	46.4#
71	0.0	28.8	43.2#

Instrument :
MSVOA_Y
ClientSampled :



#30

Chloroform

Concen: 42.36 ug/l

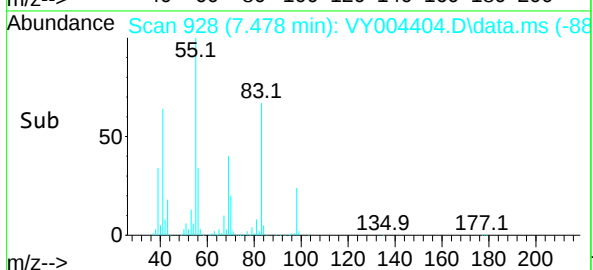
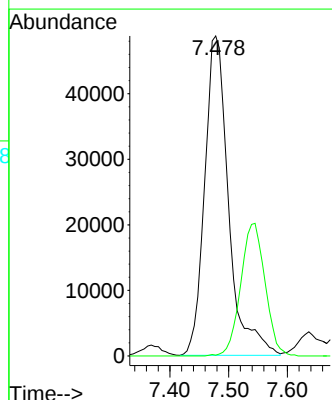
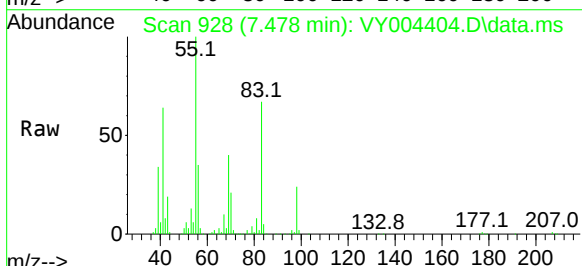
RT: 7.478 min Scan# 928

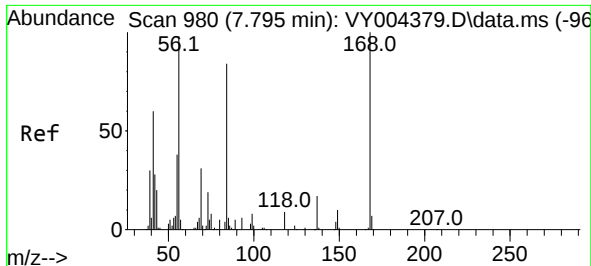
Delta R.T. -0.043 min

Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

Tgt Ion:	83	Resp:	138146
Ion Ratio	Lower	Upper	
83	100		
85	0.3	51.3	76.9#

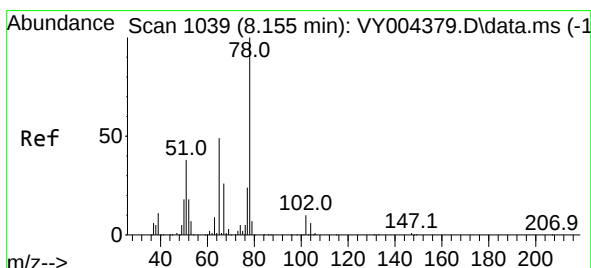
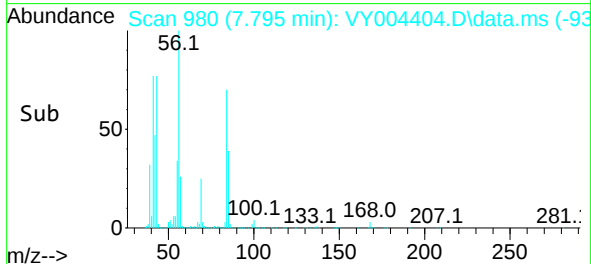
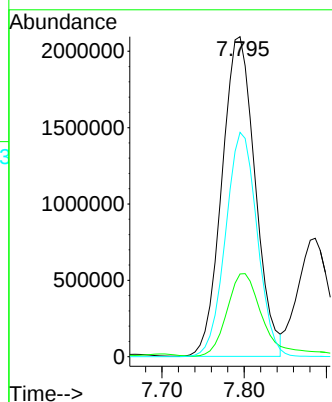
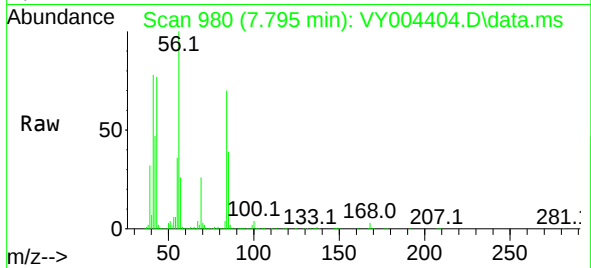




#31
Cyclohexane
Concen: 1745.41 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

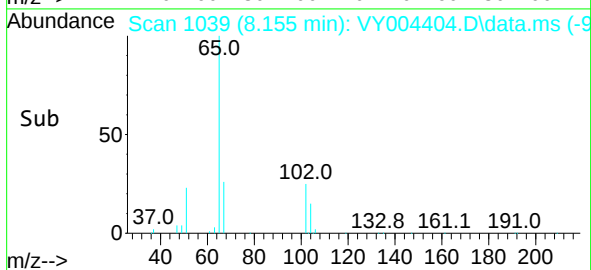
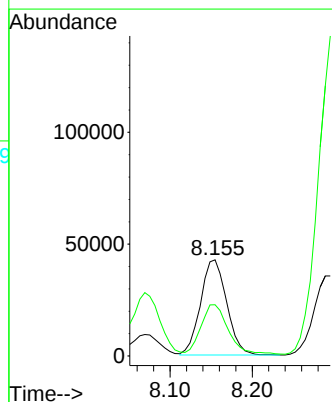
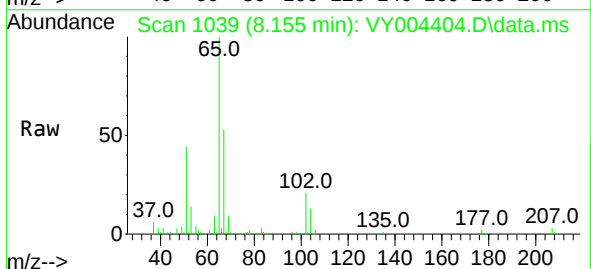
Instrument :
MSVOA_Y
ClientSampled :

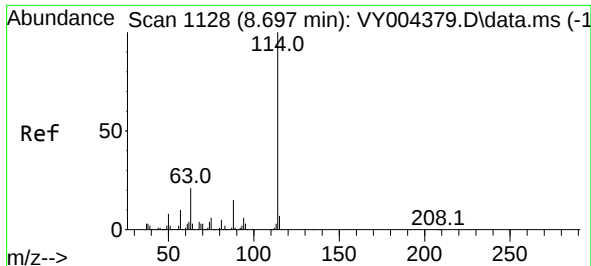
Tgt Ion: 56 Resp: 5884711
Ion Ratio Lower Upper
56 100
69 25.5 25.8 38.6#
84 70.2 68.2 102.4



#33
1,2-Dichloroethane-d4
Concen: 51.22 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 65 Resp: 94203
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4

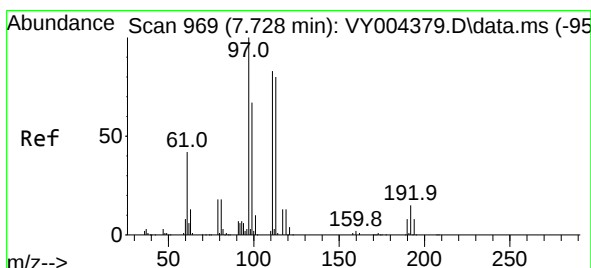
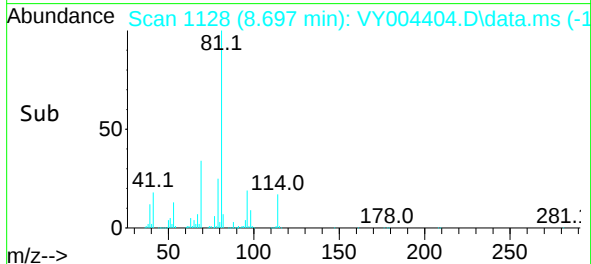
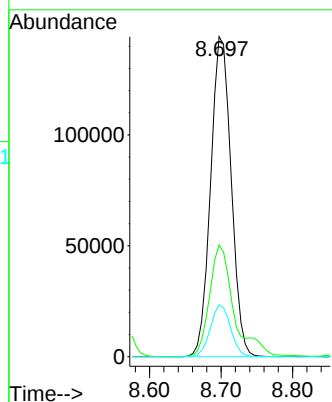
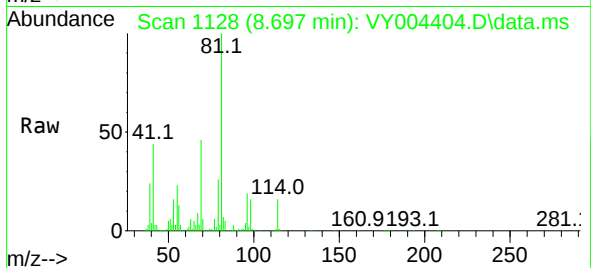




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

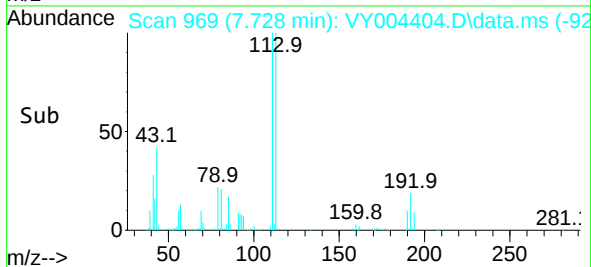
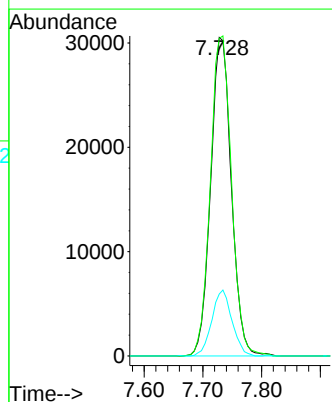
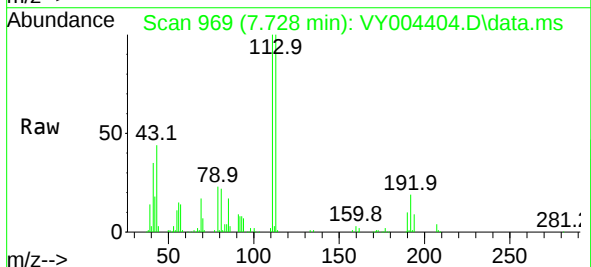
Instrument :
MSVOA_Y
ClientSampled :

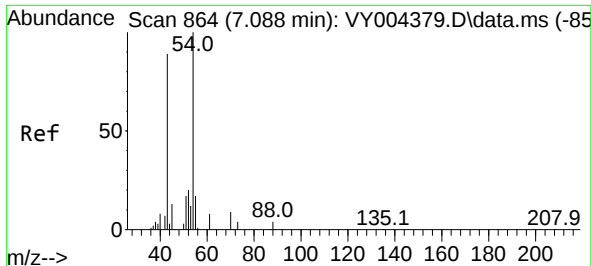
Tgt Ion:114 Resp: 287905
Ion Ratio Lower Upper
114 100
63 34.9 0.0 42.4
88 16.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 46.68 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:113 Resp: 74587
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 20.2 16.1 24.1





#37

Ethyl Acetate

Concen: 25.87 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.097 min

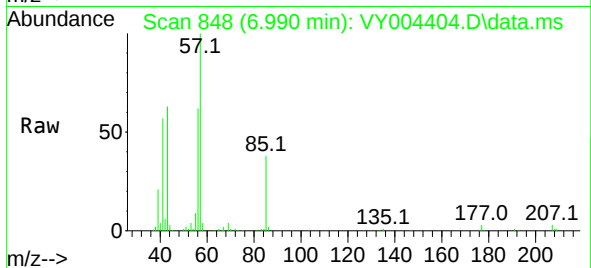
Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

Instrument :

MSVOA_Y

ClientSampled :



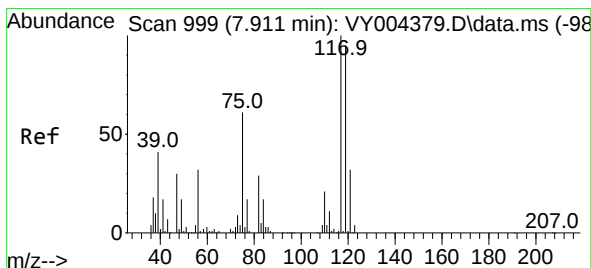
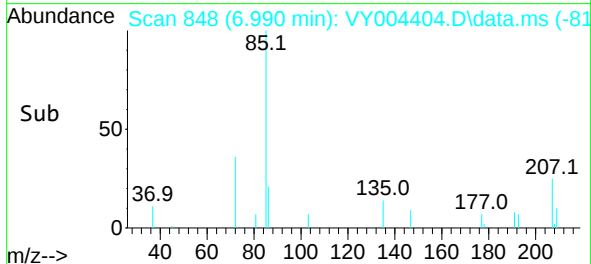
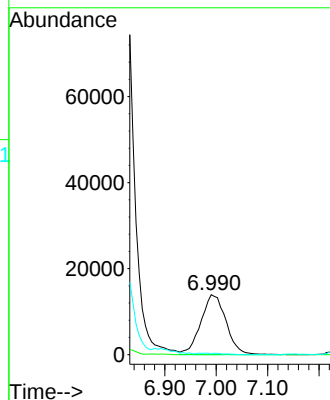
Tgt Ion: 43 Resp: 47658

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 7.15 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

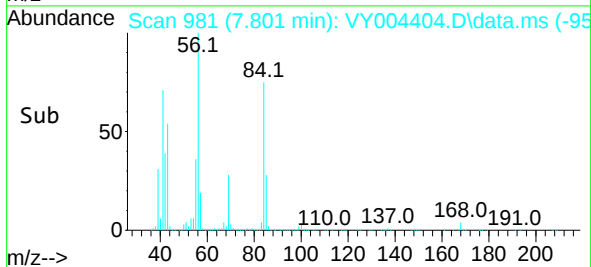
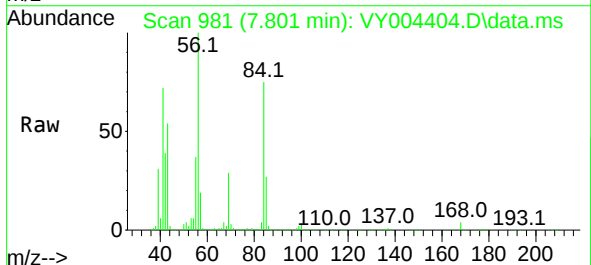
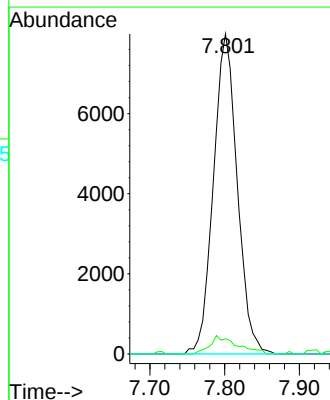
Tgt Ion: 117 Resp: 17689

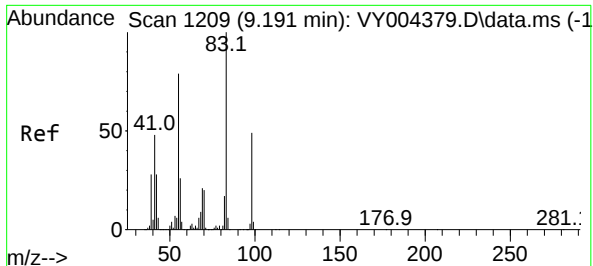
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 25.3 37.9#

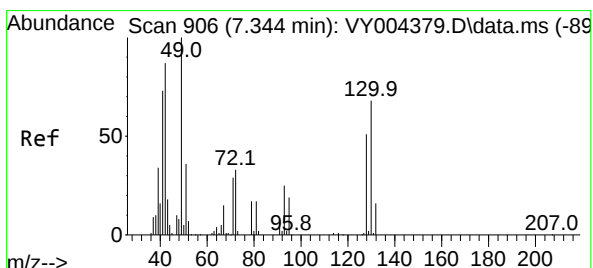
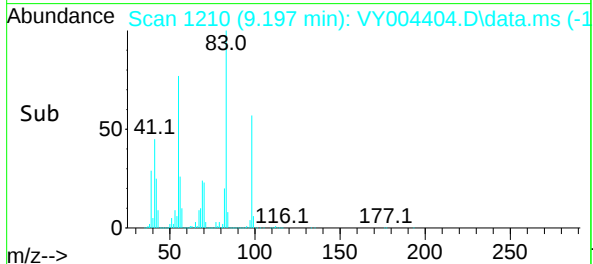
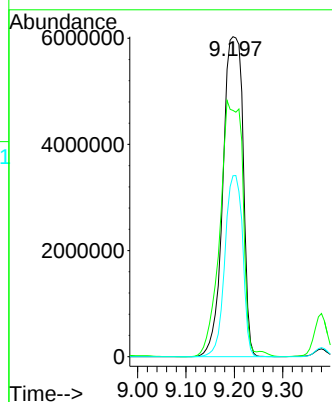
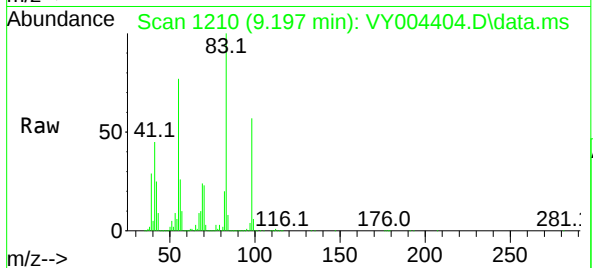




#39
Methylcyclohexane
Concen: 4941.76 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

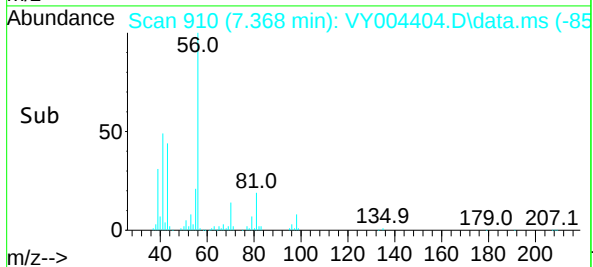
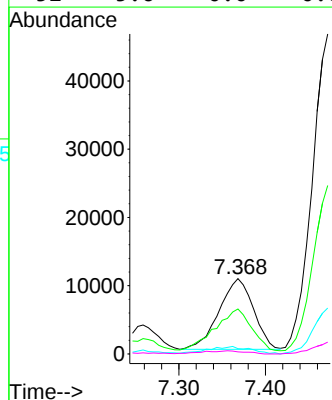
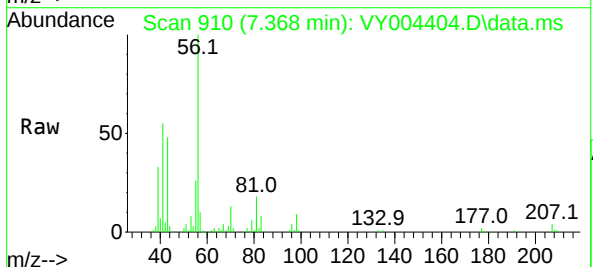
Instrument :
MSVOA_Y
ClientSampled :

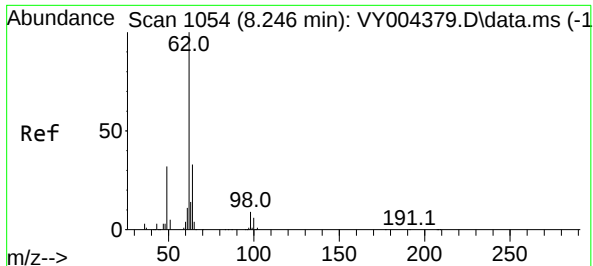
Tgt Ion: 83 Resp:17405621
Ion Ratio Lower Upper
83 100
55 77.0 63.0 94.4
98 56.6 39.2 58.8



#41
Methacrylonitrile
Concen: 25.66 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.025 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 41 Resp: 28650
Ion Ratio Lower Upper
41 100
39 62.0 0.0 0.0#
67 0.0 0.0 0.0
52 5.6 0.0 0.0#

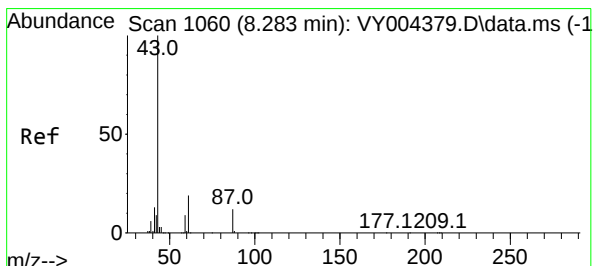
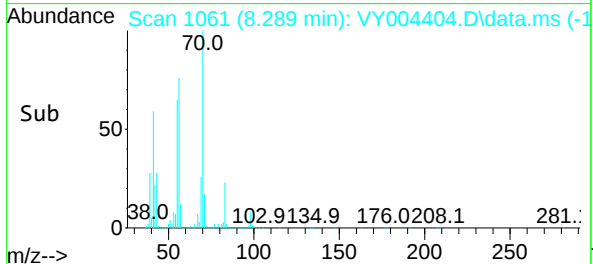
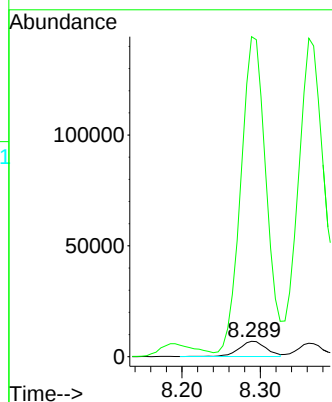
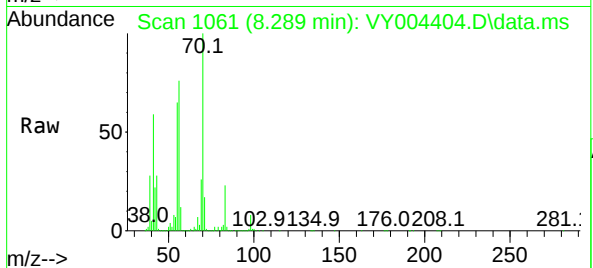




#42
1,2-Dichloroethane
Concen: 6.47 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.043 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

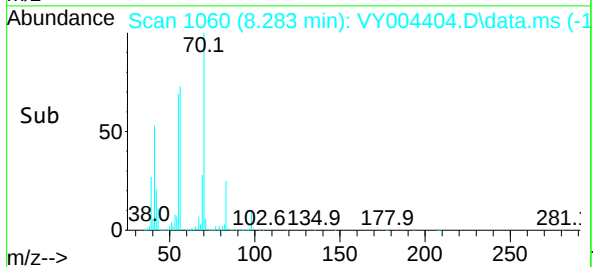
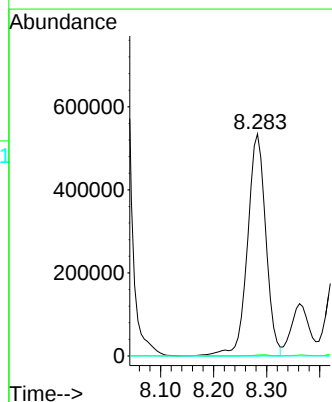
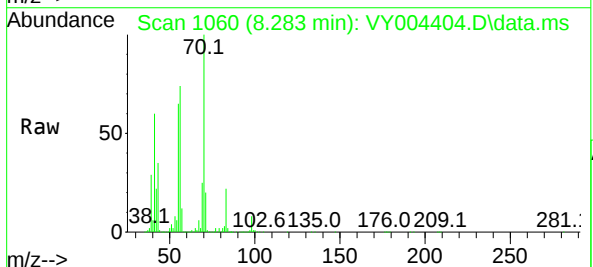
Instrument :
MSVOA_Y
ClientSampled :

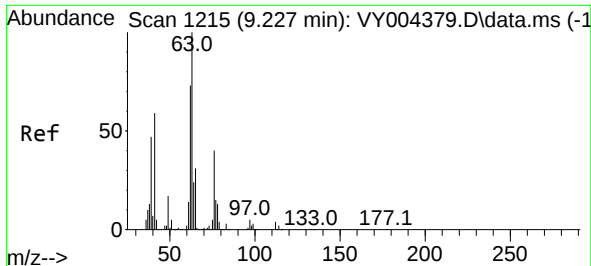
Tgt Ion: 62 Resp: 16328
Ion Ratio Lower Upper
62 100
98 1963.3 0.0 18.2#



#43
Isopropyl Acetate
Concen: 365.80 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 43 Resp: 1277569
Ion Ratio Lower Upper
43 100
61 0.5 20.9 31.3#
87 0.0 9.1 13.7#



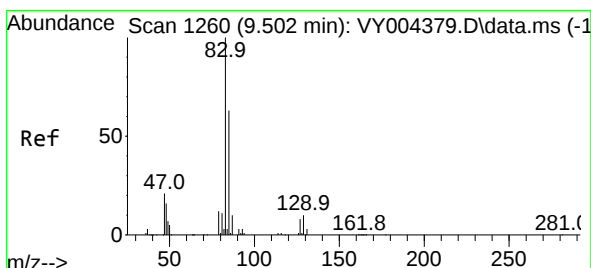
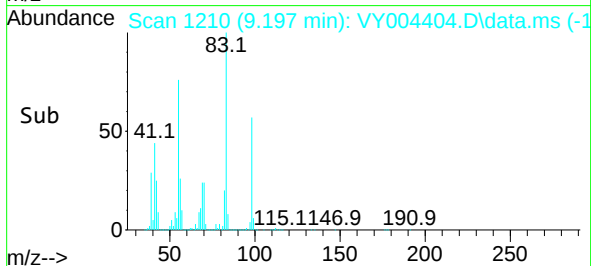
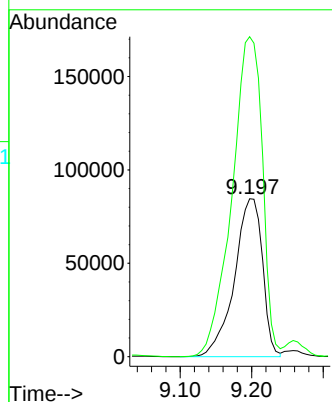
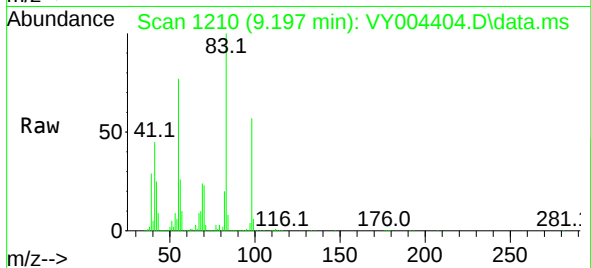


#45

1,2-Dichloropropane
Concen: 111.19 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. -0.030 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Instrument :
MSVOA_Y
ClientSampled :

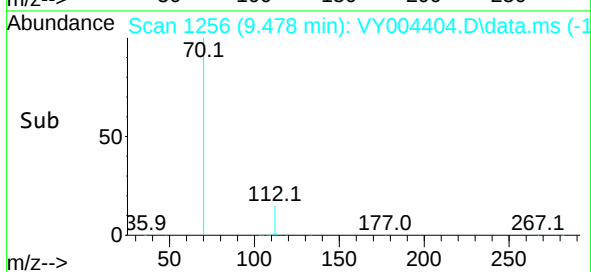
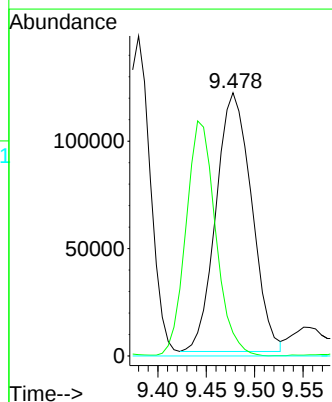
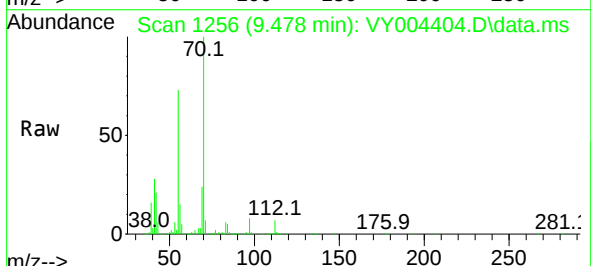
Tgt Ion: 63 Resp: 230710
Ion Ratio Lower Upper
63 100
65 202.6 24.4 36.6#

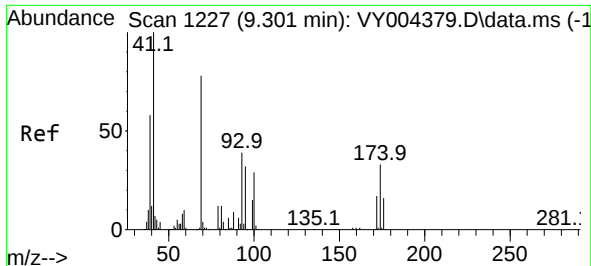


#47

Bromodichloromethane
Concen: 112.82 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. -0.024 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 83 Resp: 308567
Ion Ratio Lower Upper
83 100
85 8.8 50.7 76.1#
127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 317.91 ug/l

RT: 9.252 min Scan# 1219

Delta R.T. -0.049 min

Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

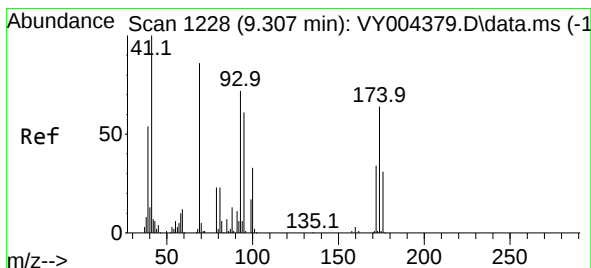
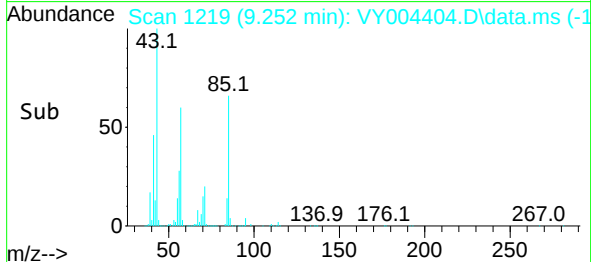
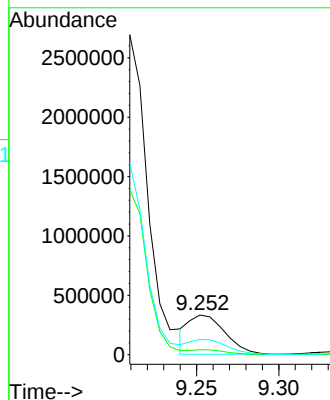
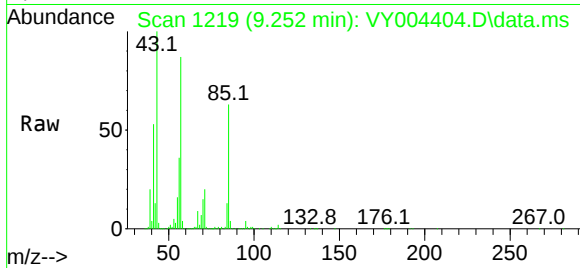
Tgt Ion: 41 Resp: 511305

Ion Ratio Lower Upper

41 100

69 0.0 62.6 94.0#

39 40.0 47.2 70.8#



#49

1,4-Dioxane

Concen: 1.42 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

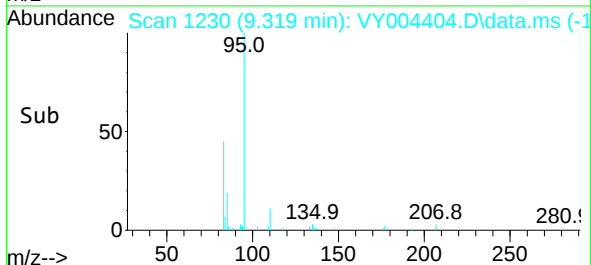
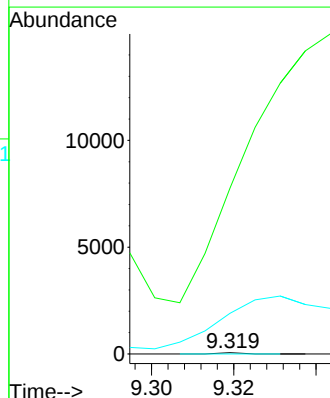
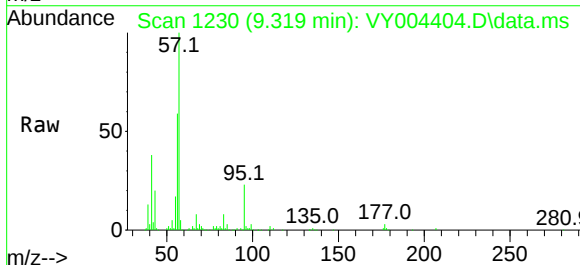
Tgt Ion: 88 Resp: 21

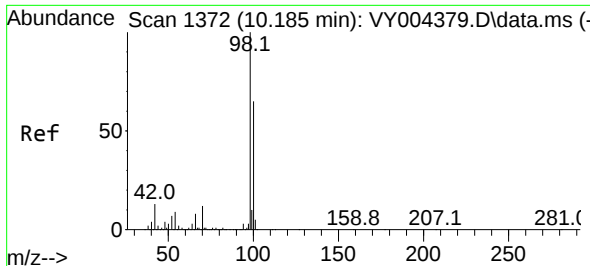
Ion Ratio Lower Upper

88 100

43 0.0 31.7 47.5#

58 25347.6 55.7 83.5#

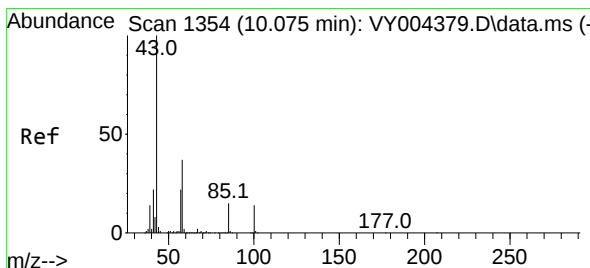
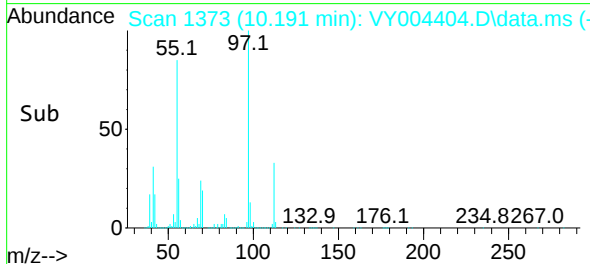
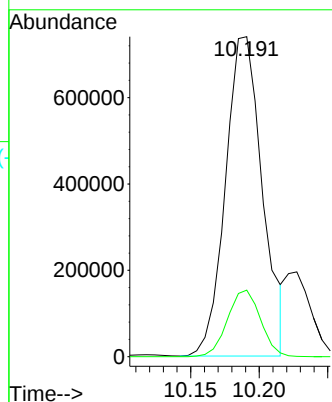
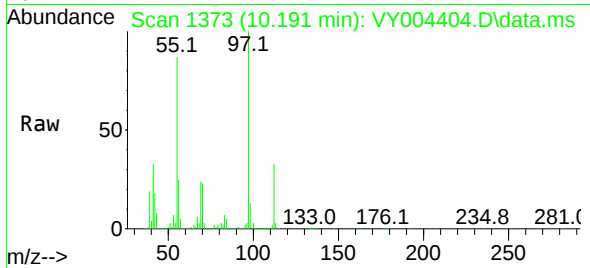




#50
Toluene-d8
Concen: 204.12 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

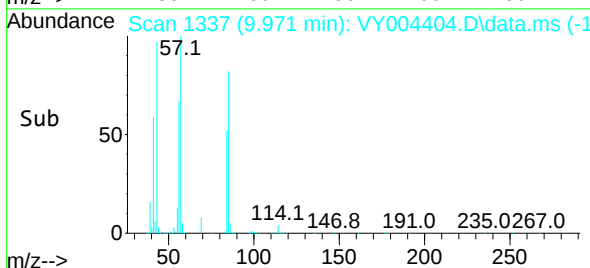
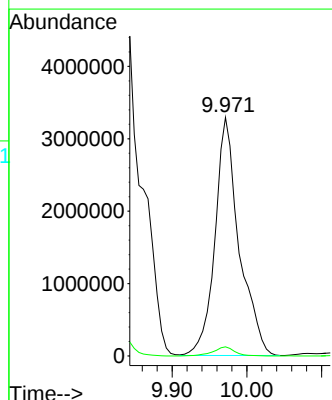
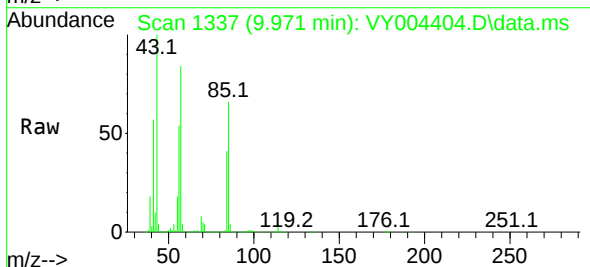
Instrument :
MSVOA_Y
ClientSampled :

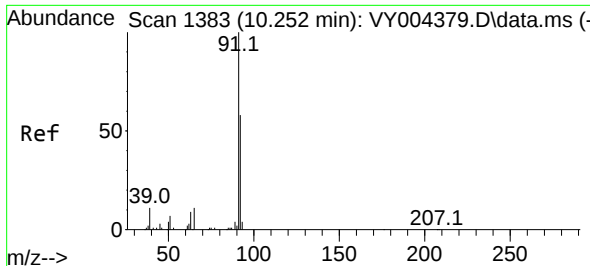
Tgt Ion: 98 Resp: 1387197
Ion Ratio Lower Upper
98 100
100 18.6 51.8 77.6#



#51
4-Methyl-2-Pentanone
Concen: 4130.36 ug/l
RT: 9.971 min Scan# 1337
Delta R.T. -0.104 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 43 Resp: 7409818
Ion Ratio Lower Upper
43 100
58 3.4 29.2 43.8#

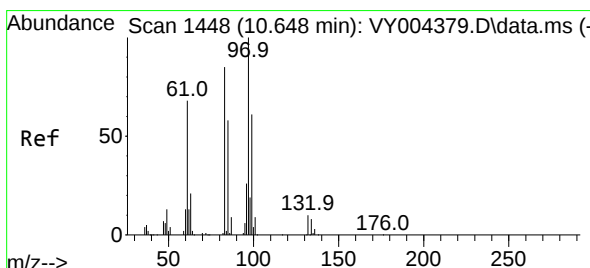
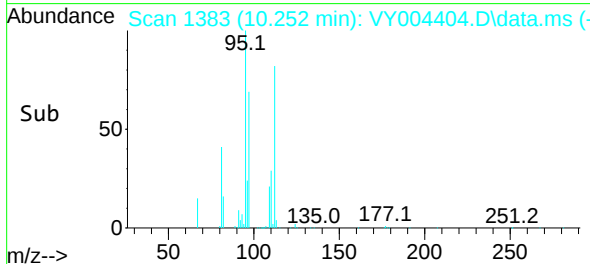
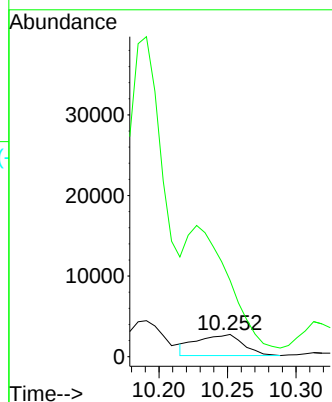
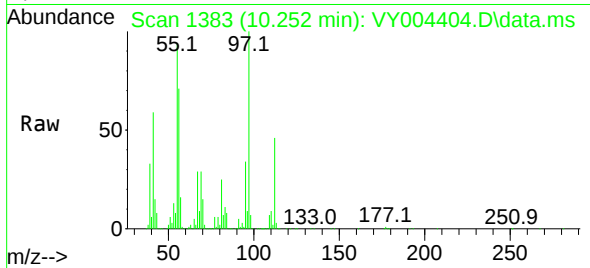




#52
Toluene
Concen: 1.18 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

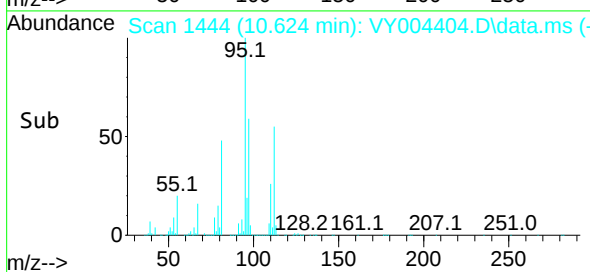
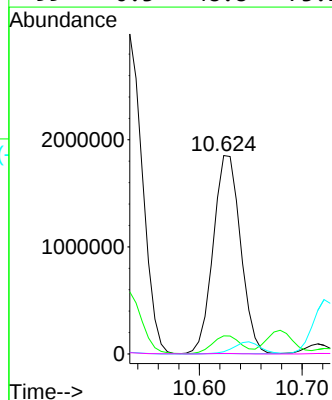
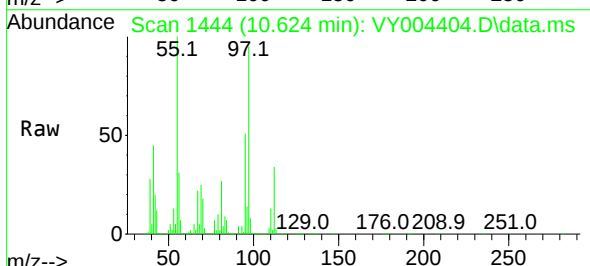
Instrument :
MSVOA_Y
ClientSampled :

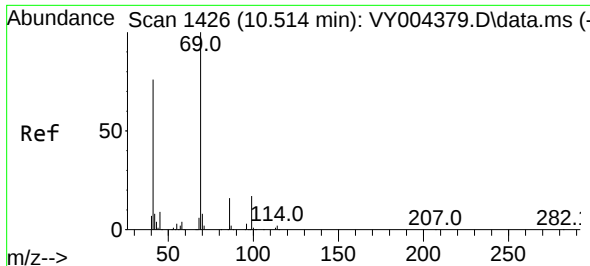
Tgt Ion: 92 Resp: 6117
Ion Ratio Lower Upper
92 100
91 0.0 137.8 206.6#



#55
1,1,2-Trichloroethane
Concen: 2198.42 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 97 Resp: 3422120
Ion Ratio Lower Upper
97 100
83 8.9 68.4 102.6#
85 1.1 46.2 69.4#
99 0.3 48.8 73.2#

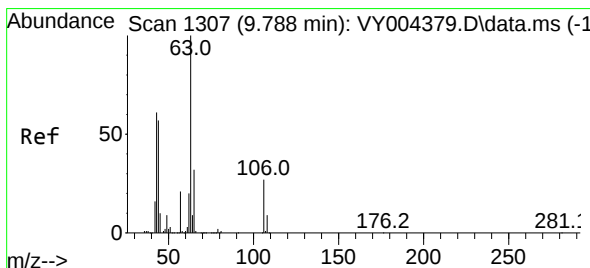
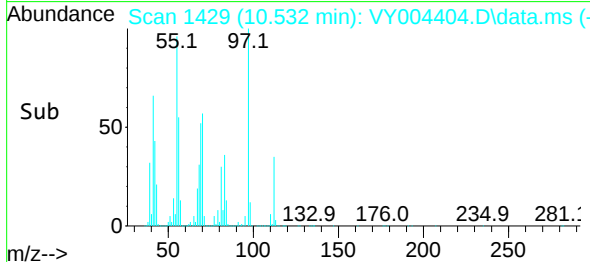
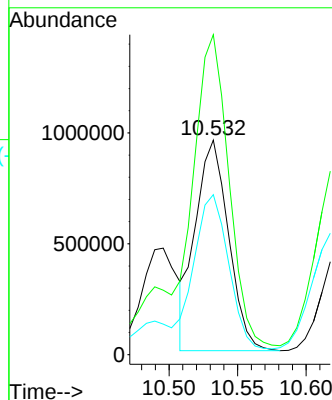
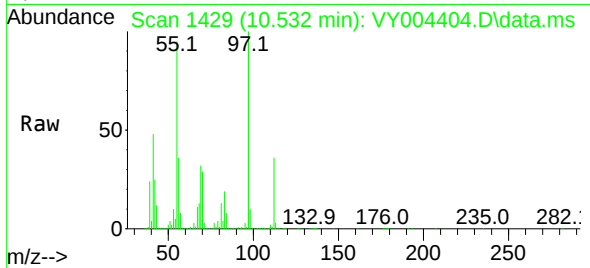




#56
Ethyl methacrylate
Concen: 707.47 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.018 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

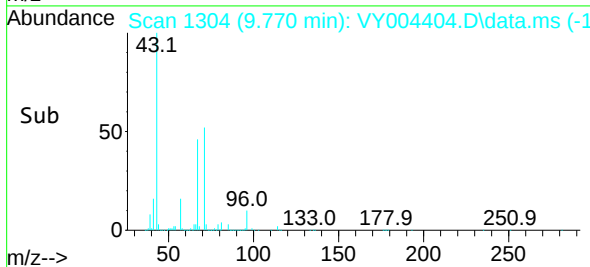
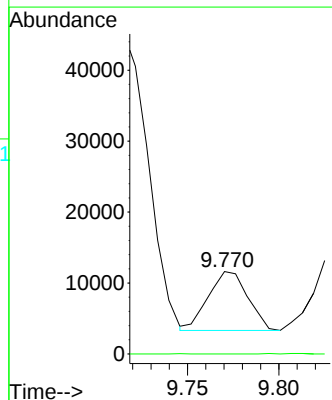
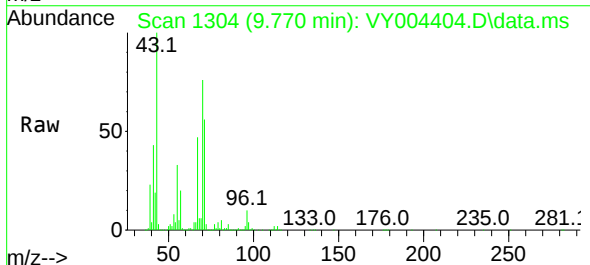
Instrument :
MSVOA_Y
ClientSampled :

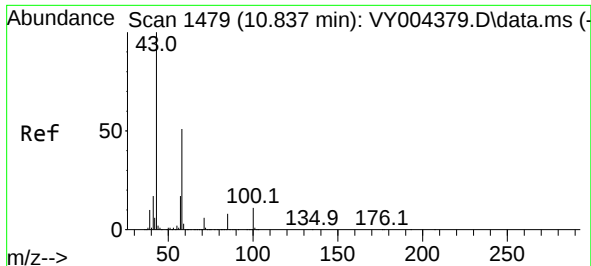
Tgt Ion: 69 Resp: 1596952
Ion Ratio Lower Upper
69 100
41 183.9 59.2 88.8#
39 77.4 31.0 46.6#



#58
2-Chloroethyl Vinyl ether
Concen: 10.78 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.018 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 63 Resp: 12456
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#

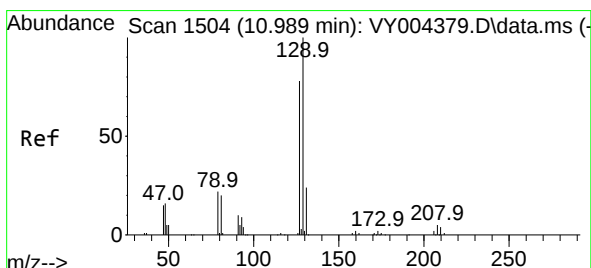
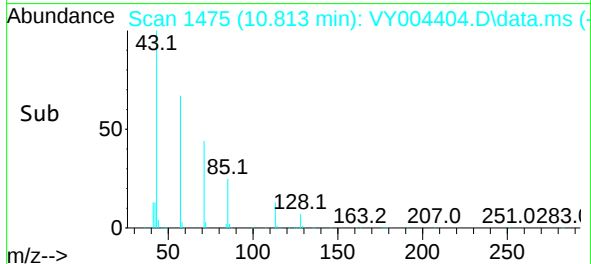
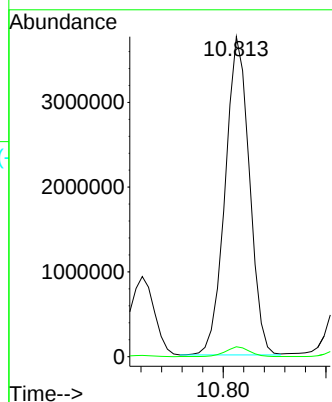
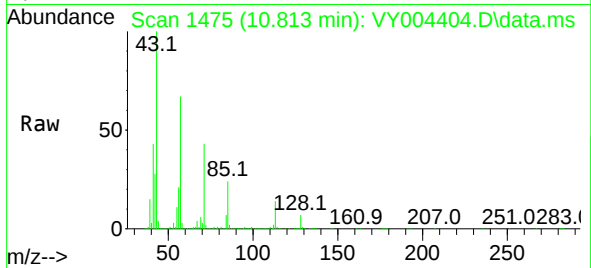




#59
2-Hexanone
Concen: 5104.92 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.024 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

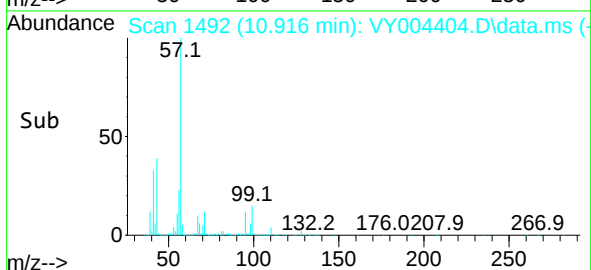
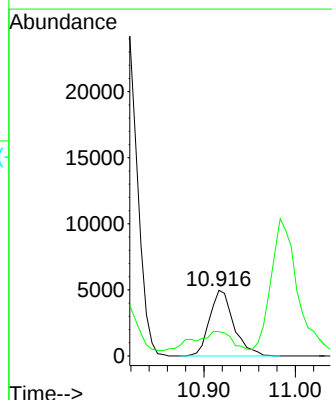
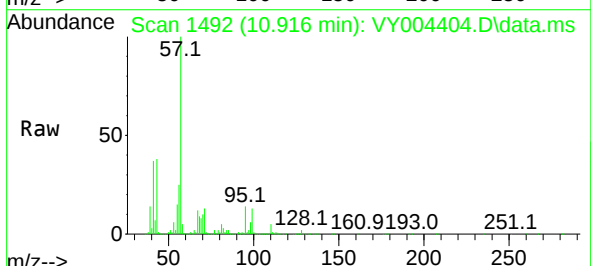
Instrument :
MSVOA_Y
ClientSampleId :

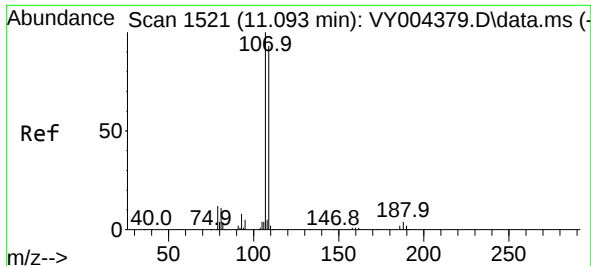
Tgt Ion: 43 Resp: 6139291
Ion Ratio Lower Upper
43 100
58 3.0 25.4 76.4#



#60
Dibromochloromethane
Concen: 4.93 ug/l
RT: 10.916 min Scan# 1492
Delta R.T. -0.073 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 129 Resp: 9118
Ion Ratio Lower Upper
129 100
127 46.3 38.9 116.7

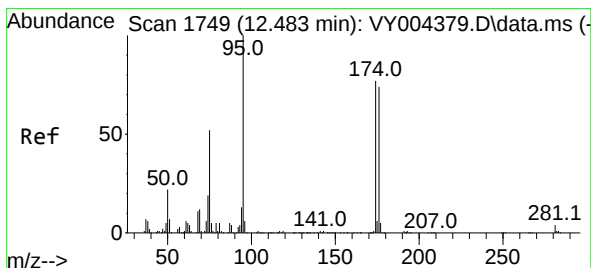
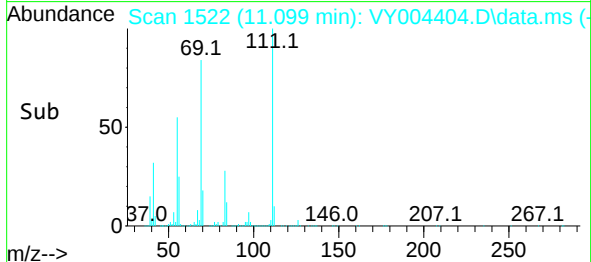
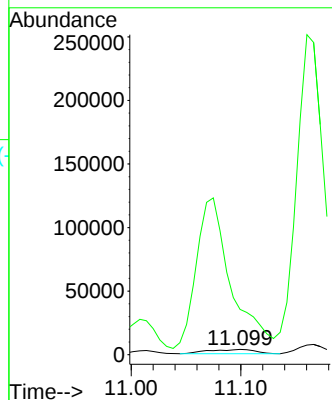
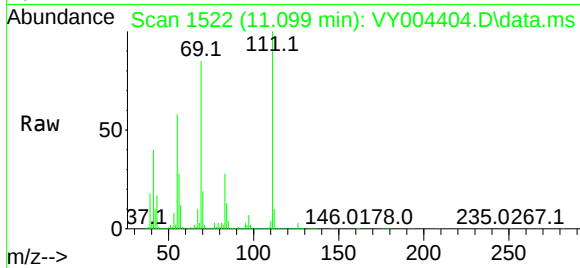




#61
1,2-Dibromoethane
Concen: 6.78 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

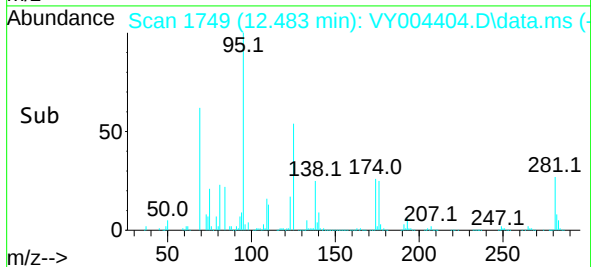
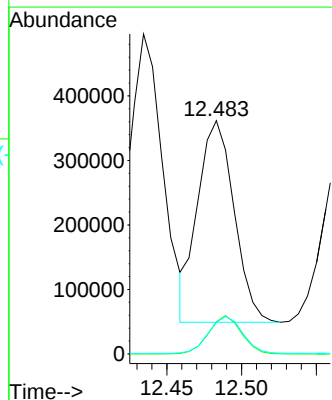
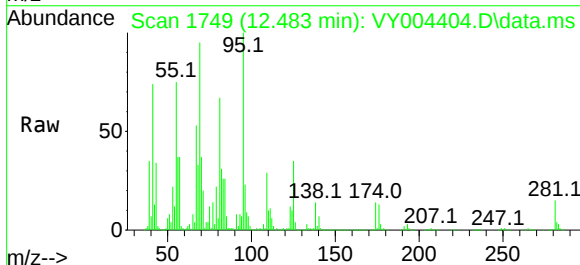
Instrument :
MSVOA_Y
ClientSampled :

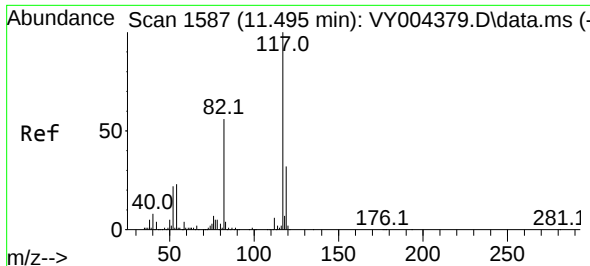
Tgt Ion:107 Resp: 10172
Ion Ratio Lower Upper
107 100
109 0.0 75.5 113.3#



#62
4-Bromofluorobenzene
Concen: 229.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 95 Resp: 529011
Ion Ratio Lower Upper
95 100
174 17.1 0.0 162.4
176 17.1 0.0 156.0

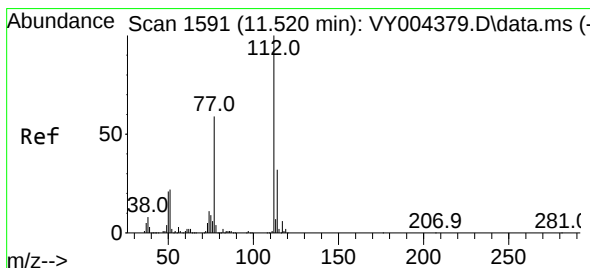
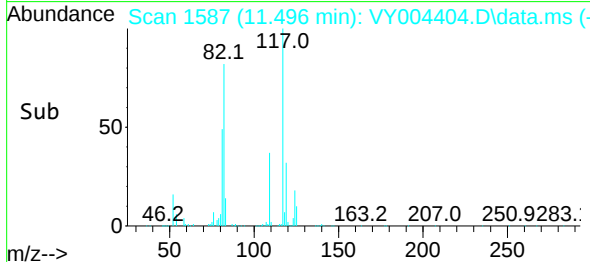
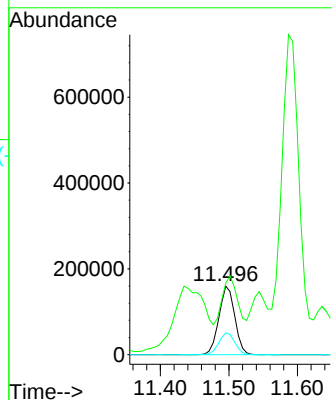
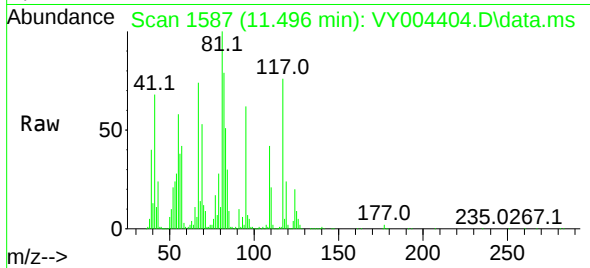




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

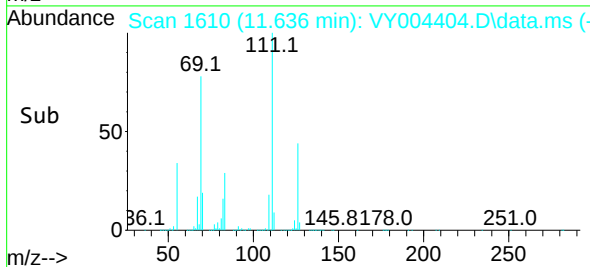
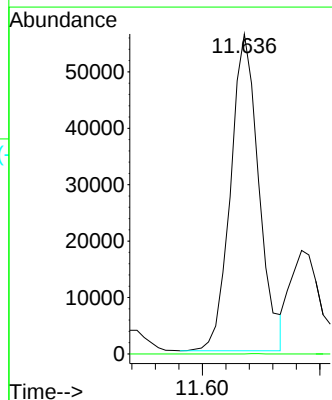
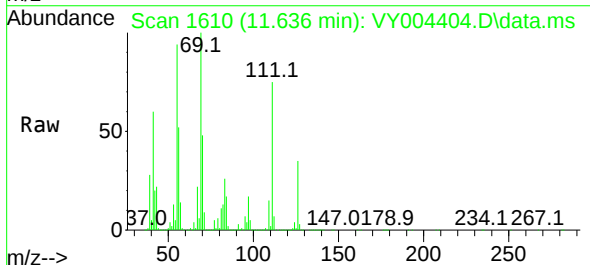
Instrument :
MSVOA_Y
ClientSampled :

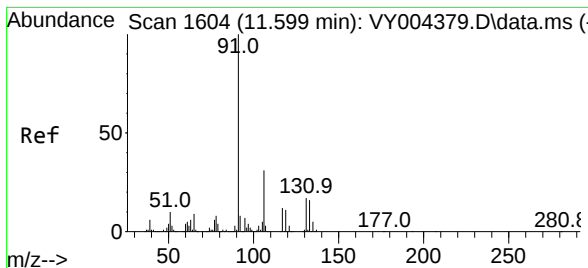
Tgt Ion:117 Resp: 255197
Ion Ratio Lower Upper
117 100
82 20.9 44.9 67.3#
119 31.9 25.4 38.0



#65
Chlorobenzene
Concen: 18.07 ug/l
RT: 11.636 min Scan# 1610
Delta R.T. 0.116 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:112 Resp: 94115
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

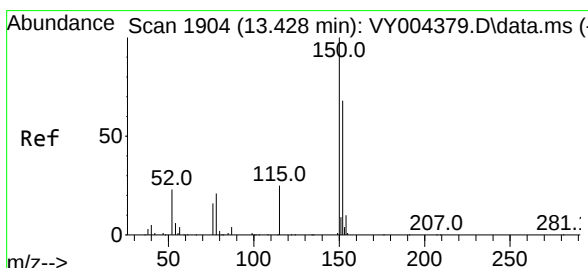
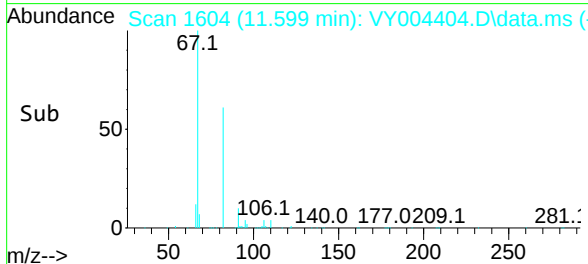
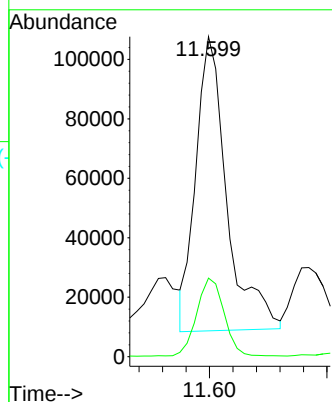
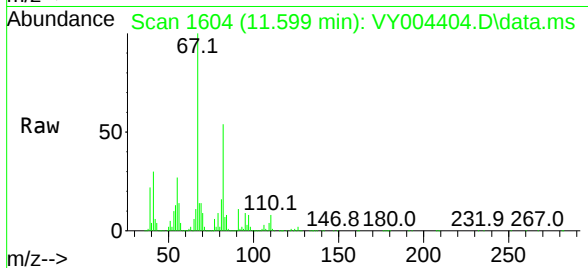




#67
Ethyl Benzene
Concen: 18.68 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

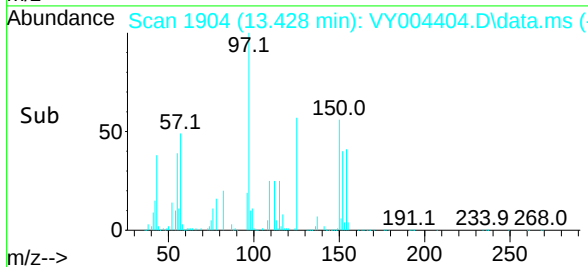
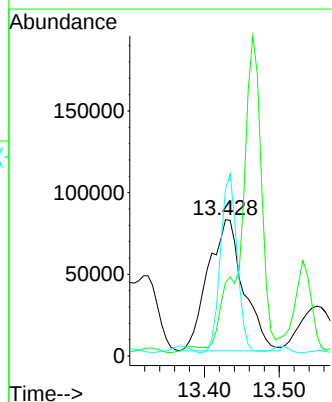
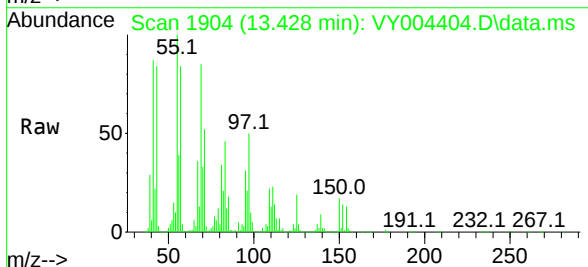
Instrument :
MSVOA_Y
ClientSampled :

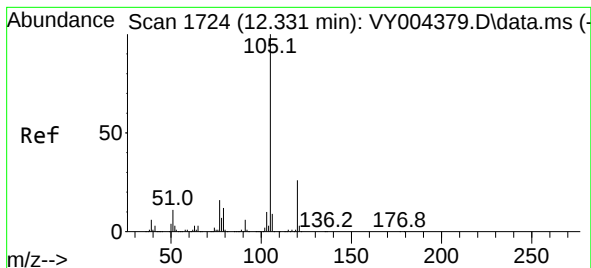
Tgt Ion: 91 Resp: 182022
Ion Ratio Lower Upper
91 100
106 27.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:152 Resp: 265589
Ion Ratio Lower Upper
152 100
115 0.0 29.6 88.8#
150 64.5 0.0 348.4





#73

Isopropylbenzene

Concen: 142.16 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY004404.D

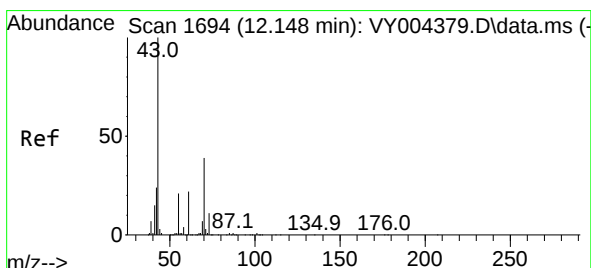
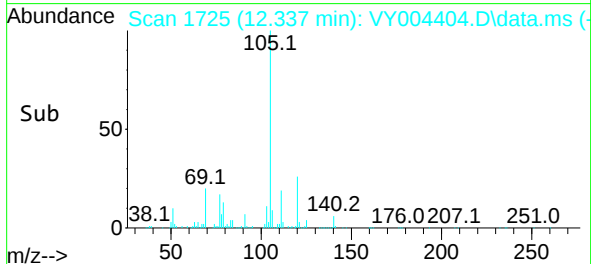
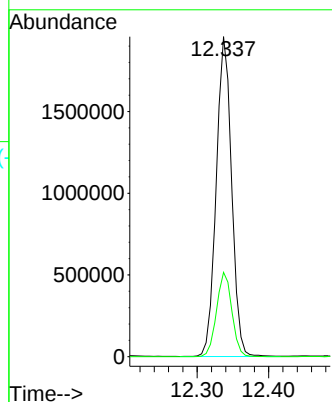
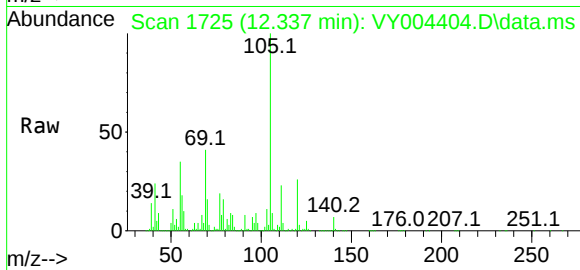
Acq: 13 Apr 2021 12:48

Tgt Ion:105 Resp: 2917491

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 613.04 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.012 min

Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

Tgt Ion: 43 Resp: 4235748

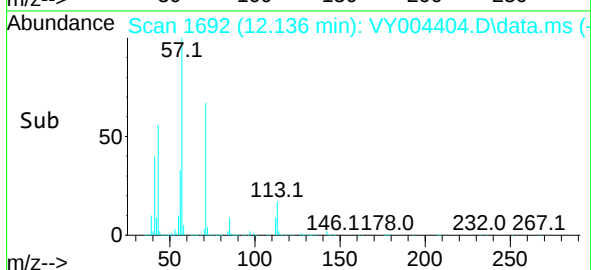
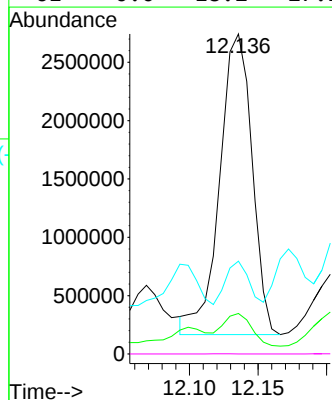
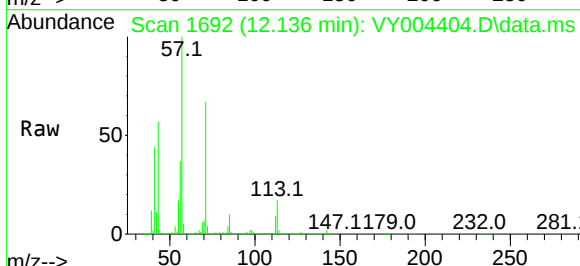
Ion Ratio Lower Upper

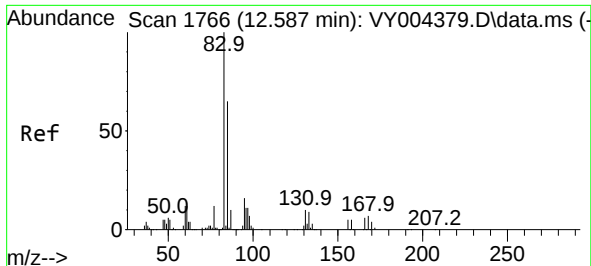
43 100

70 9.4 30.4 45.6#

55 9.9 17.4 26.0#

61 0.0 18.2 27.2#

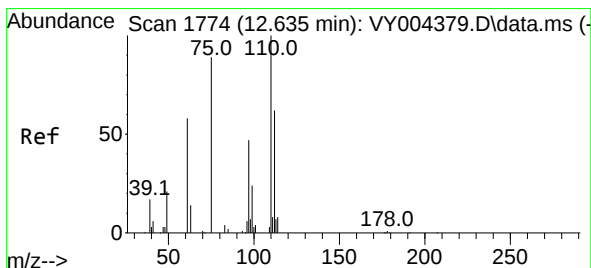
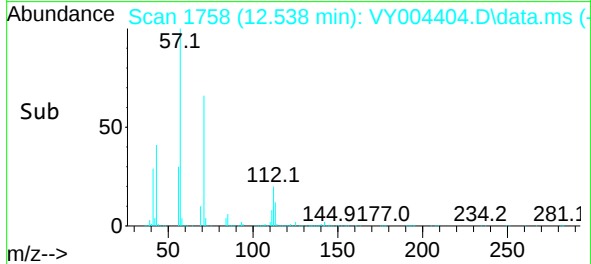
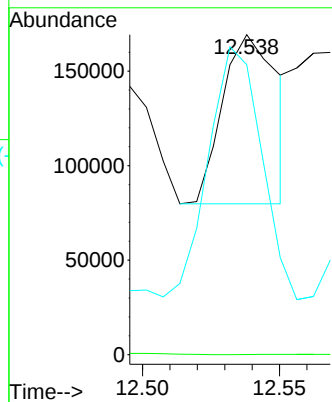
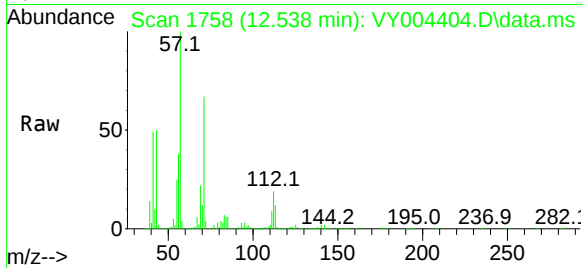




#75
1,1,2,2-Tetrachloroethane
Concen: 31.97 ug/l
RT: 12.538 min Scan# 1758
Delta R.T. -0.049 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

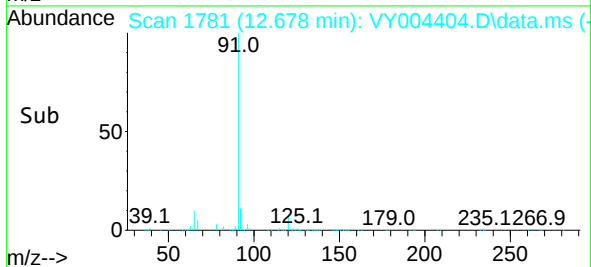
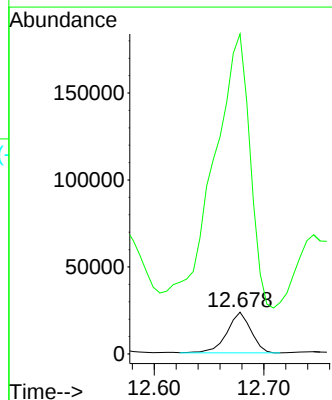
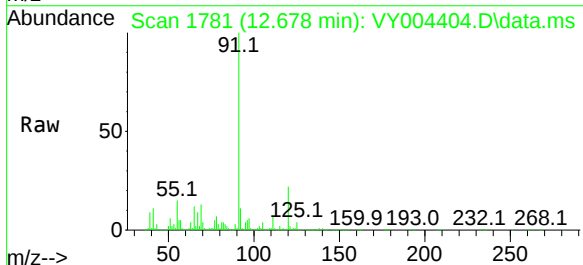
Instrument :
MSVOA_Y
ClientSampled :

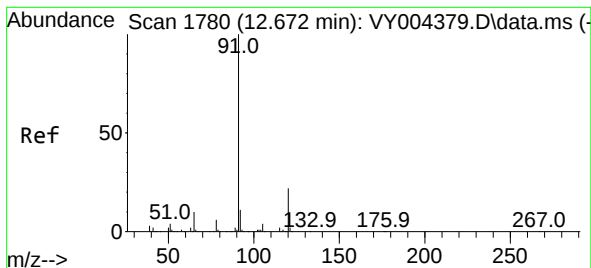
Tgt Ion: 83 Resp: 124114
Ion Ratio Lower Upper
83 100
131 0.3 5.1 15.4#
85 163.9 31.6 94.8#



#76
1,2,3-Trichloropropane
Concen: 12.44 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.043 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 75 Resp: 35455
Ion Ratio Lower Upper
75 100
77 1024.6 0.0 0.0#





#78

n-propylbenzene

Concen: 210.99 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY004404.D

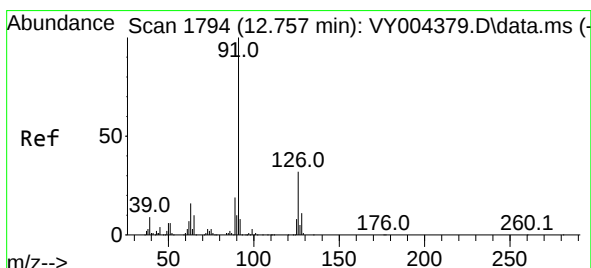
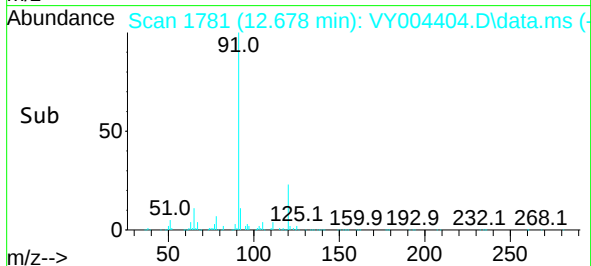
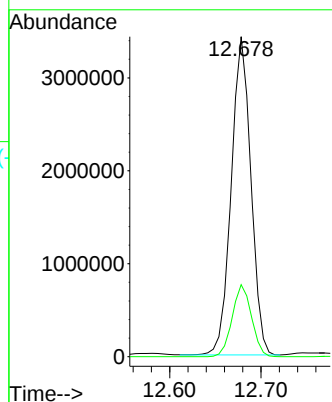
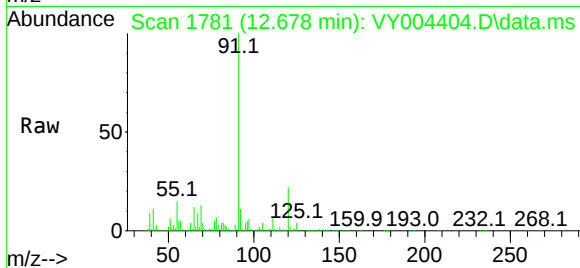
Acq: 13 Apr 2021 12:48

Tgt Ion: 91 Resp: 5115312

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 385.79 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.079 min

Lab File: VY004404.D

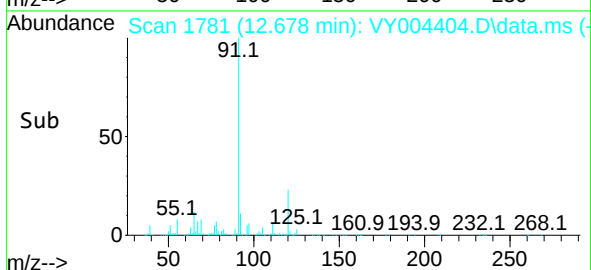
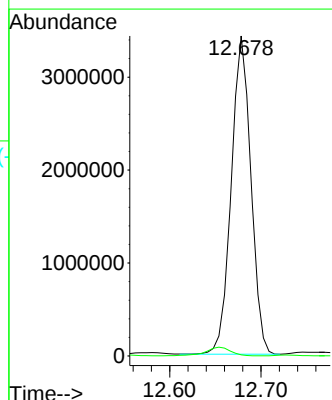
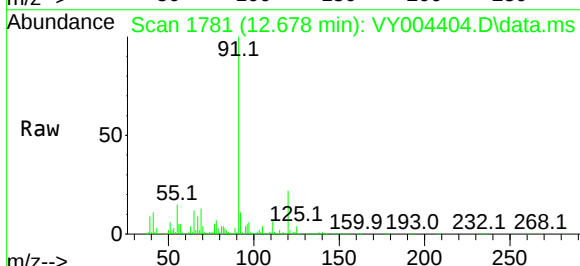
Acq: 13 Apr 2021 12:48

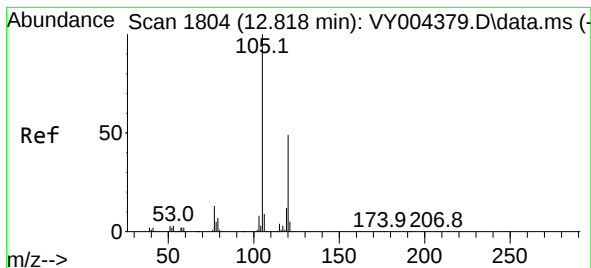
Tgt Ion: 91 Resp: 5115312

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#

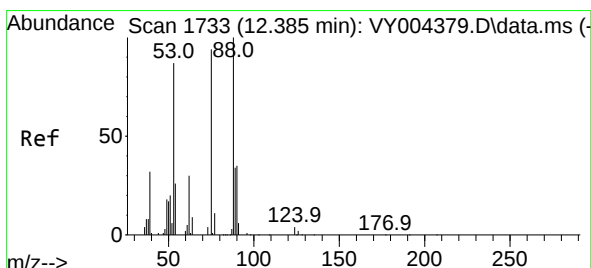
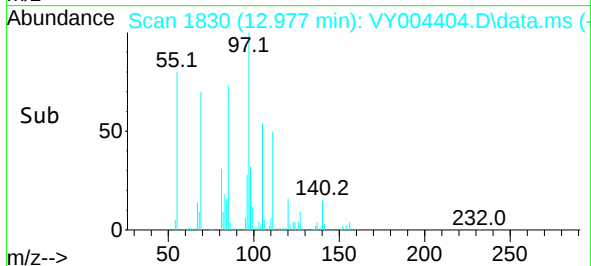
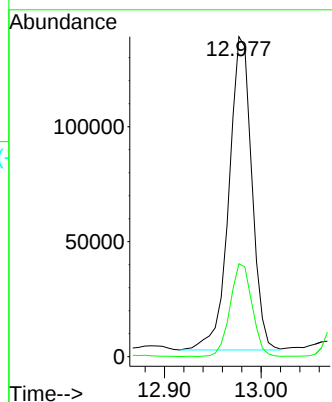
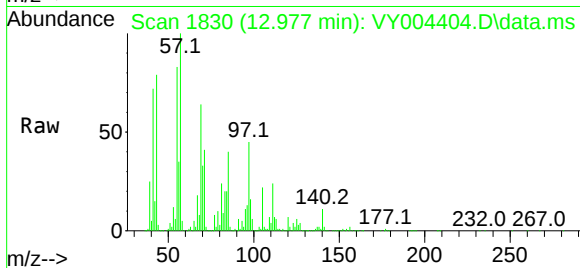




#80
1,3,5-Trimethylbenzene
Concen: 13.44 ug/l
RT: 12.977 min Scan# 1830
Delta R.T. 0.159 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

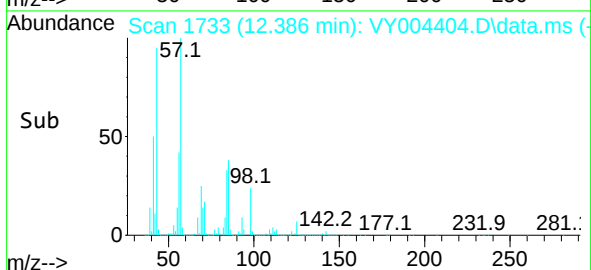
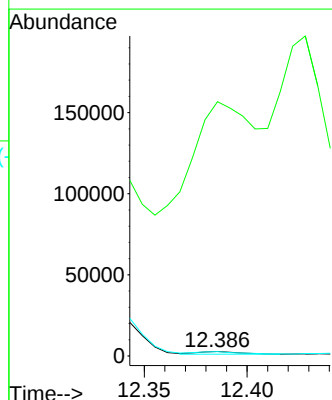
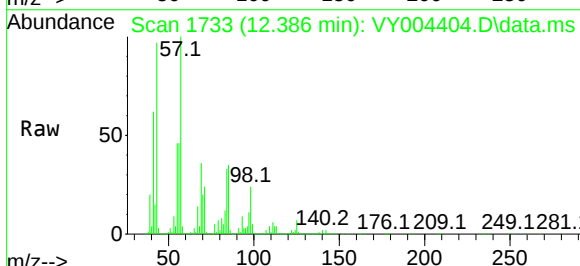
Instrument :
MSVOA_Y
ClientSampled :

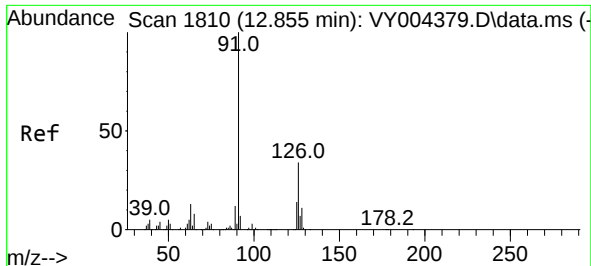
Tgt Ion:105 Resp: 224249
Ion Ratio Lower Upper
105 100
120 28.7 24.6 74.0



#81
trans-1,4-Dichloro-2-butene
Concen: 1.44 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 75 Resp: 2290
Ion Ratio Lower Upper
75 100
53 5827.9 75.0 112.6#
89 0.0 36.1 54.1#

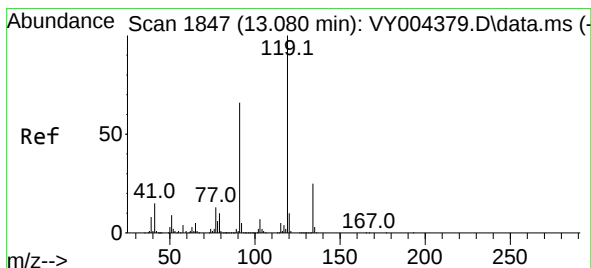
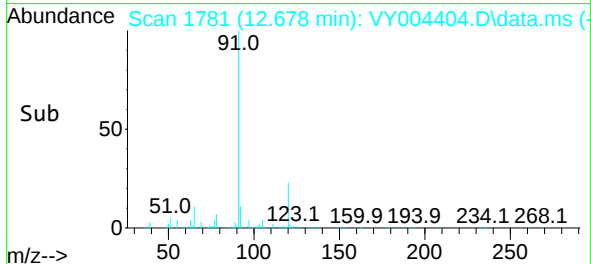
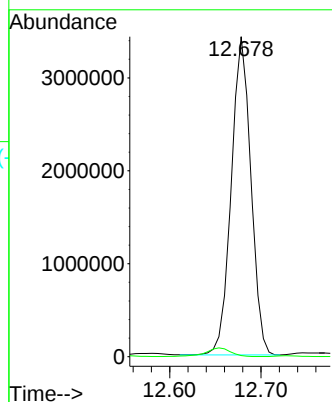
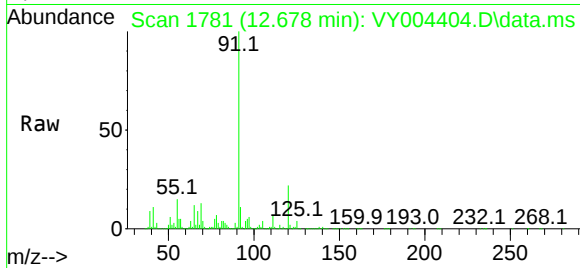




#82
4-Chlorotoluene
Concen: 365.34 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.177 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

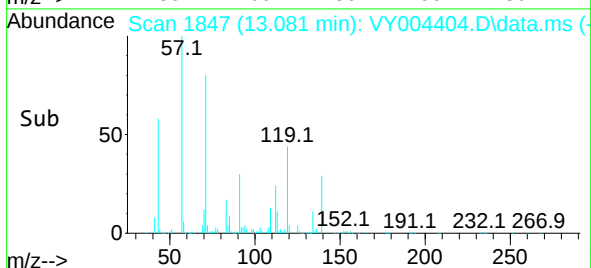
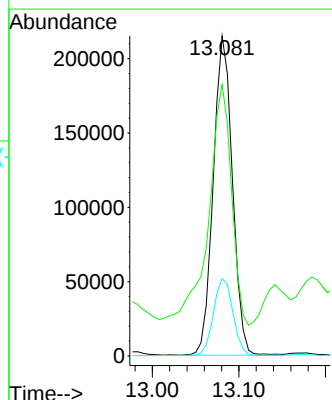
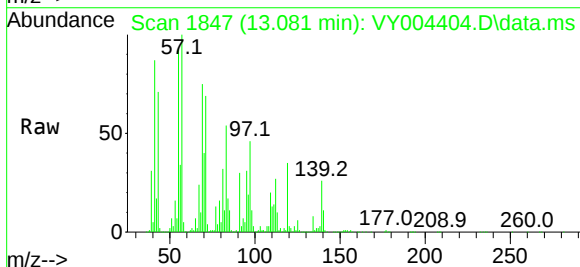
Instrument :
MSVOA_Y
ClientSampled :

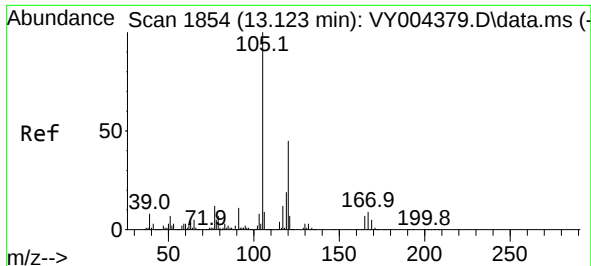
Tgt Ion: 91 Resp: 5115312
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 23.11 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 119 Resp: 329900
Ion Ratio Lower Upper
119 100
91 91.5 32.6 98.0
134 24.6 12.9 38.6

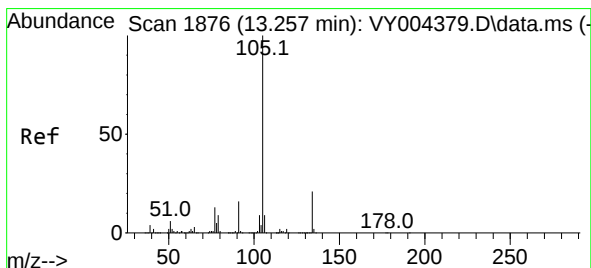
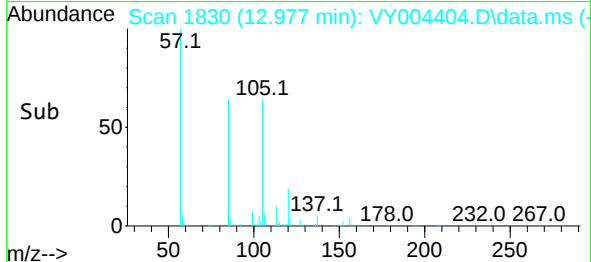
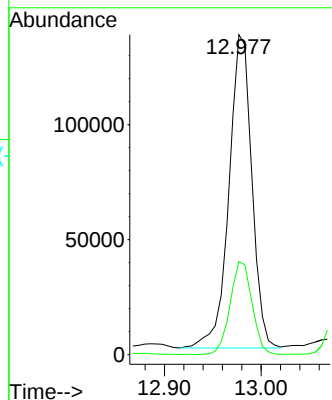
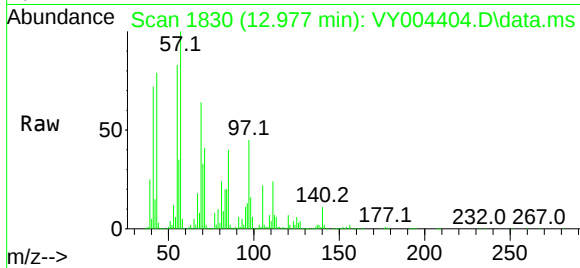




#84
1,2,4-Trimethylbenzene
Concen: 13.32 ug/l
RT: 12.977 min Scan# 1830
Delta R.T. -0.146 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

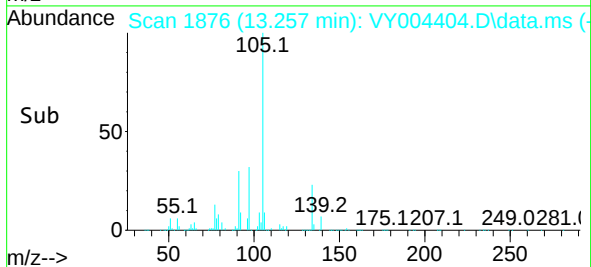
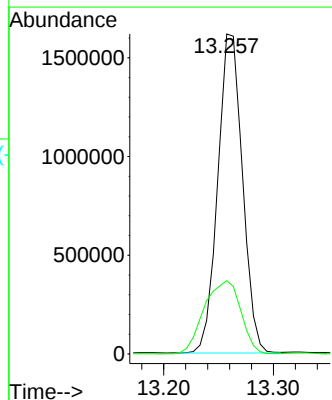
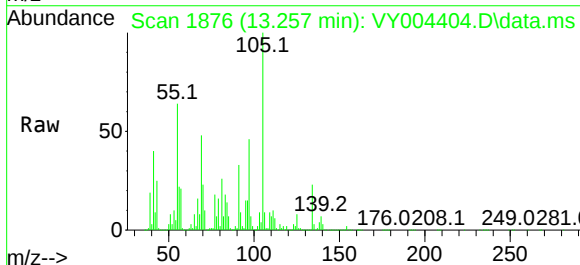
Instrument :
MSVOA_Y
ClientSampled :

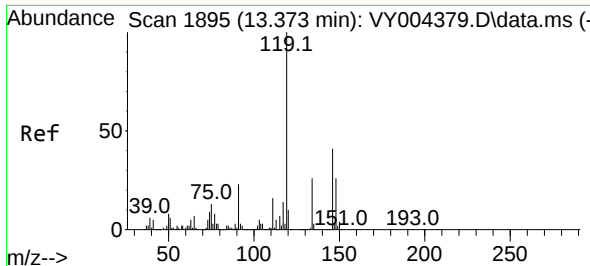
Tgt Ion:105 Resp: 224249
Ion Ratio Lower Upper
105 100
120 28.7 22.4 67.3



#85
sec-Butylbenzene
Concen: 127.13 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:105 Resp: 2531959
Ion Ratio Lower Upper
105 100
134 33.9 10.1 30.3#

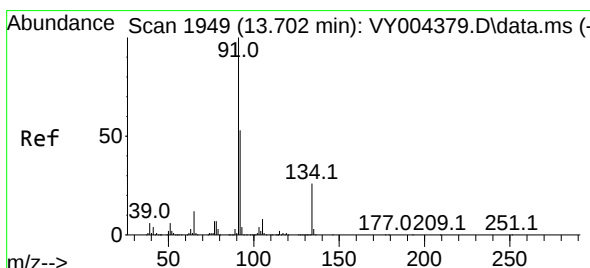
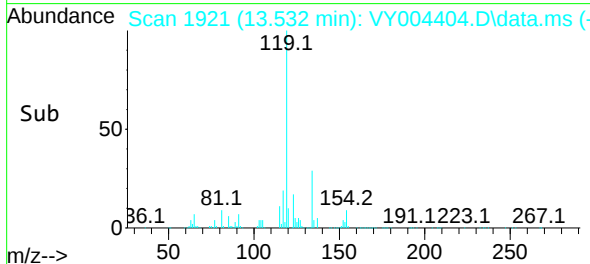
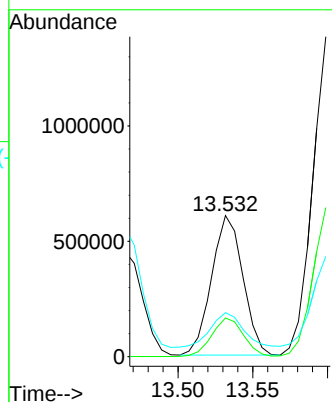
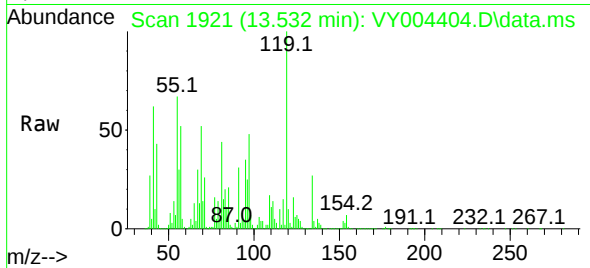




#86
p-Isopropyltoluene
Concen: 48.63 ug/l
RT: 13.532 min Scan# 1921
Delta R.T. 0.159 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

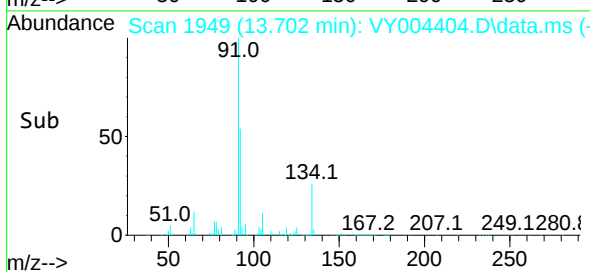
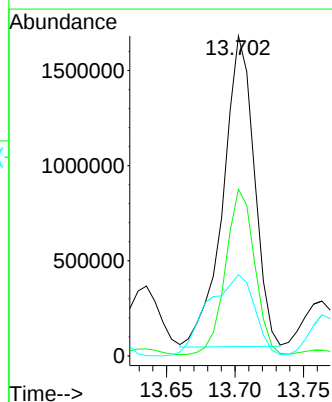
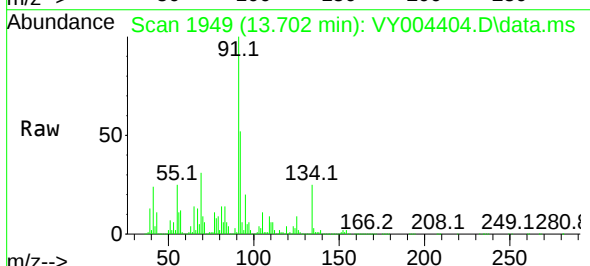
Instrument :
MSVOA_Y
ClientSampleId :

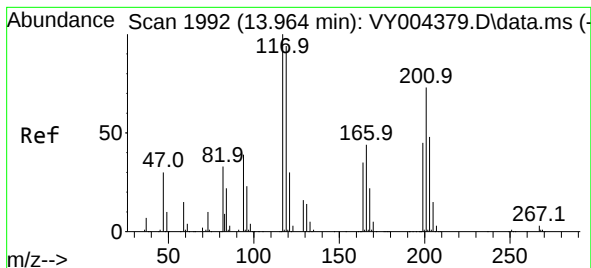
Tgt Ion:119 Resp: 880935
Ion Ratio Lower Upper
119 100
134 28.0 13.3 39.8
91 25.2 11.9 35.7



#89
n-Butylbenzene
Concen: 149.42 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 91 Resp: 2583740
Ion Ratio Lower Upper
91 100
92 49.5 26.6 79.8
134 38.9 12.7 38.1#





#90

Hexachloroethane

Concen: 303.91 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.018 min

Lab File: VY004404.D

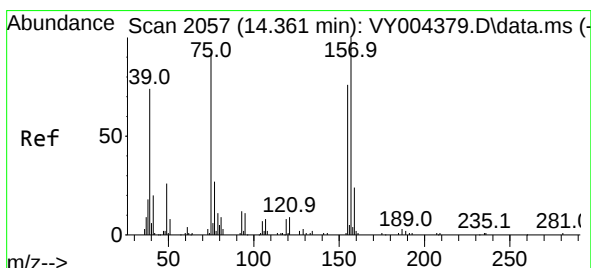
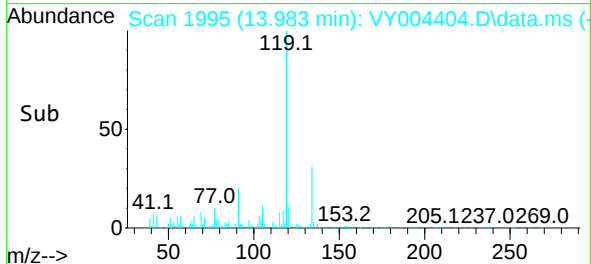
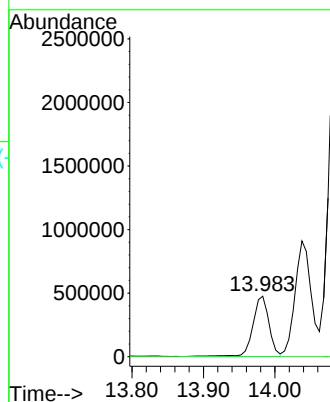
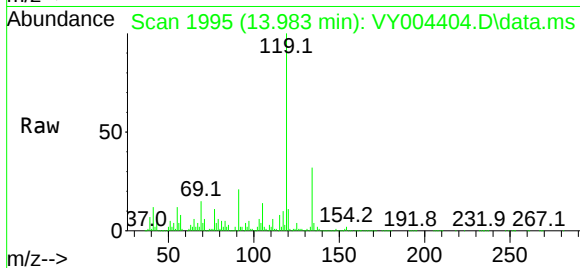
Acq: 13 Apr 2021 12:48

Tgt Ion:117 Resp: 738686

Ion Ratio Lower Upper

117 100

201 0.0 36.6 109.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.34 ug/l

RT: 14.385 min Scan# 2061

Delta R.T. 0.025 min

Lab File: VY004404.D

Acq: 13 Apr 2021 12:48

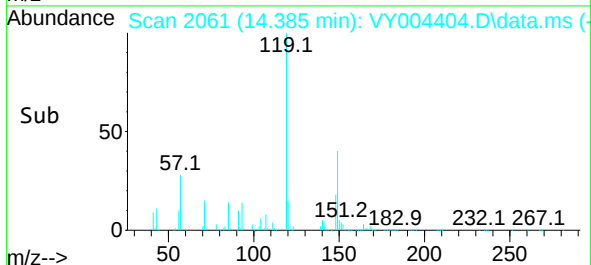
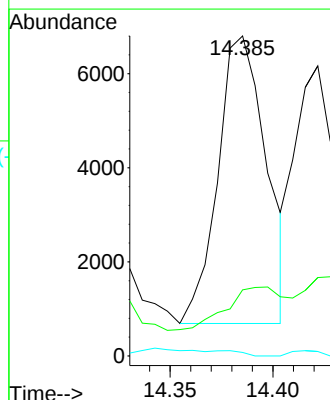
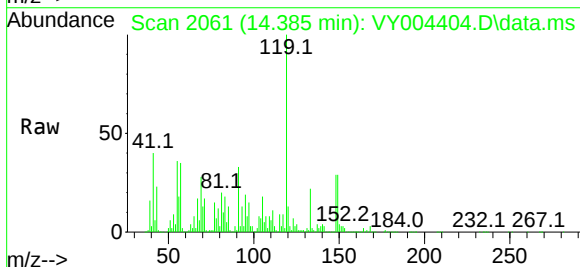
Tgt Ion: 75 Resp: 9994

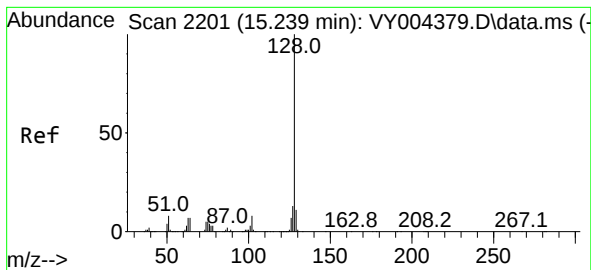
Ion Ratio Lower Upper

75 100

155 19.2 40.6 121.8#

157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 197.12 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 2160900
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.8 13.2

