

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004015.D
 Acq On : 11 Feb 2021 20:40
 Operator : SY/MD
 Sample : M1398-03
 Misc : 4.19g/5mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:13:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187998	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	184083	50.00	ug/l	#-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	128065	56.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.32%	
35) Dibromofluoromethane	7.728	113	86440	44.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.44%	
50) Toluene-d8	10.185	98	1298072	169.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 338.44%#	
62) 4-Bromofluorobenzene	12.483	95	786985	281.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 562.90%#	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.954	59	687	Below Cal	#	77
16) Acetone	3.954	43	60306	108.69	ug/l	99
17) Carbon Disulfide	4.204	76	58786	9.64	ug/l #	93
20) Methylene Chloride	4.729	84	9072	3.85	ug/l	96
25) 2-Butanone	6.996	43	24236	30.66	ug/l	97
29) Tetrahydrofuran	7.356	42	915	1.82	ug/l #	52
31) Cyclohexane	7.789	56	158743	41.82	ug/l	99
36) 1,1-Dichloropropene	7.789	75	15583	4.61	ug/l #	59
37) Ethyl Acetate	6.996	43	24236	12.67	ug/l #	71
38) Carbon Tetrachloride	7.795	117	19098	5.23	ug/l #	15
39) Methylcyclohexane	9.191	83	3141730	779.56	ug/l	99
40) Benzene	8.167	78	9983	1.07	ug/l	96
41) Methacrylonitrile	7.350	41	1315	1.04	ug/l #	24
43) Isopropyl Acetate	8.271	43	102585	27.57	ug/l #	55
45) 1,2-Dichloropropane	9.191	63	32932	14.23	ug/l #	1
47) Bromodichloromethane	9.472	83	84786	24.80	ug/l #	44
48) Methyl methacrylate	9.246	41	264838	145.71	ug/l #	42
49) 1,4-Dioxane	9.191	88	27	1.92	ug/l #	1
51) 4-Methyl-2-Pentanone	10.106	43	116098	61.10	ug/l #	64
52) Toluene	10.246	92	10758	1.82	ug/l #	24
55) 1,1,2-Trichloroethane	10.624	97	5810449	3170.68	ug/l #	19
56) Ethyl methacrylate	10.490	69	734895	280.90	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.758	63	1523	1.28	ug/l #	47
59) 2-Hexanone	10.813	43	5883284	4417.31	ug/l #	32
60) Dibromochloromethane	10.910	129	17012	7.12	ug/l	63
61) 1,2-Dibromoethane	11.099	107	5461	2.98	ug/l #	3
65) Chlorobenzene	11.416	112	122553	32.16	ug/l #	47
67) Ethyl Benzene	11.599	91	3810297	533.29	ug/l	94
68) m/p-Xylenes	11.709	106	3246807	1226.21	ug/l	89
69) o-Xylene	12.032	106	425246	172.63	ug/l	94
70) Styrene	12.032	104	22109	5.20	ug/l #	1
73) Isopropylbenzene	12.337	105	8760993	664.93	ug/l	95
74) N-amyl acetate	12.142	43	5856120	1511.99	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.575	83	623645	261.00	ug/l #	26
76) 1,2,3-Trichloropropane	12.678	75	135134	72.86	ug/l #	100
77) Bromobenzene	12.593	156	15465	4.74	ug/l #	1

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

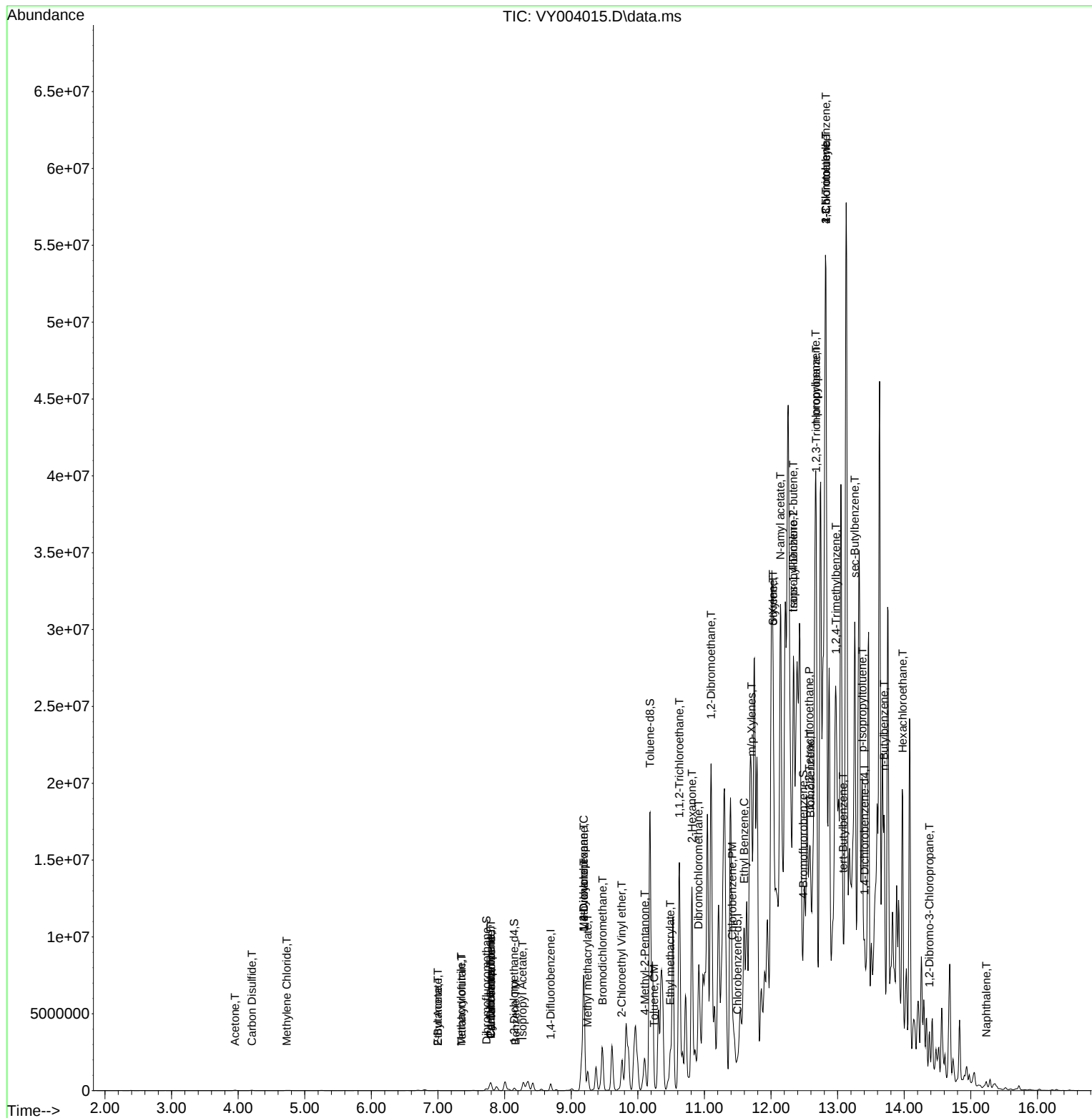
78) n-propylbenzene	12.672	91	17757575	1132.70	ug/l #	73
79) 2-Chlorotoluene	12.825	91	962645	107.22	ug/l	73
80) 1,3,5-Trimethylbenzene	12.825	105	8331777	736.88	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.337	75	90901	93.68	ug/l #	41
82) 4-Chlorotoluene	12.825	91	962645	101.37	ug/l	72
83) tert-Butylbenzene	13.081	119	190254	20.24	ug/l #	24
84) 1,2,4-Trimethylbenzene	12.977	105	9027012	796.47	ug/l	84
85) sec-Butylbenzene	13.258	105	10865097	834.03	ug/l	79
86) p-Isopropyltoluene	13.373	119	2832833	233.10	ug/l	98
89) n-Butylbenzene	13.696	91	6696569	593.53	ug/l #	77
90) Hexachloroethane	13.977	117	762176	342.58	ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	14.379	75	5085	10.32	ug/l #	12
95) Naphthalene	15.233	128	325118	45.64	ug/l	99

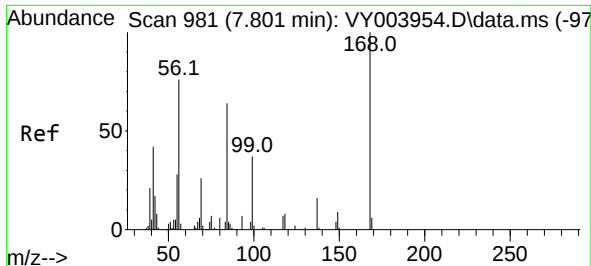
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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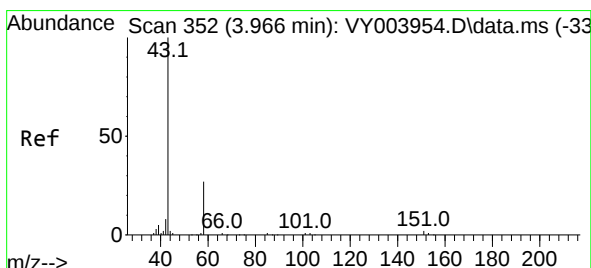
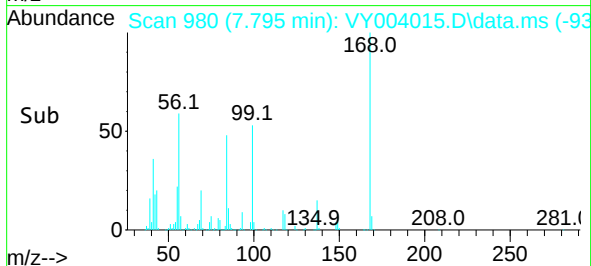
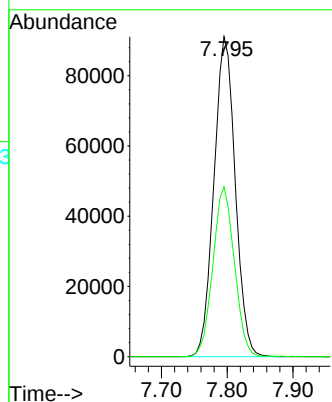
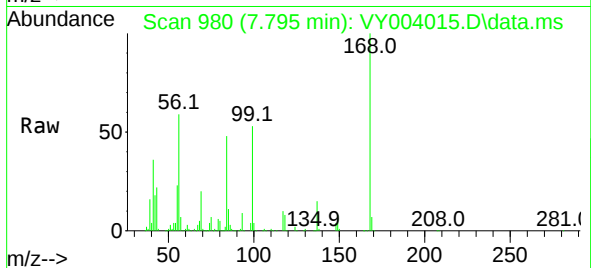




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

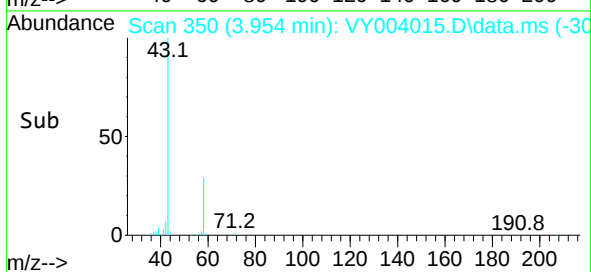
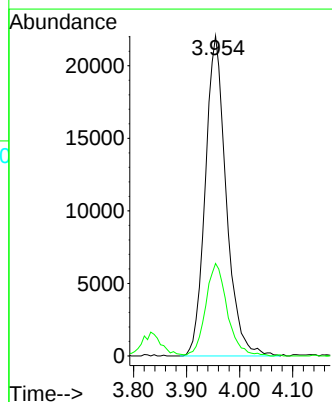
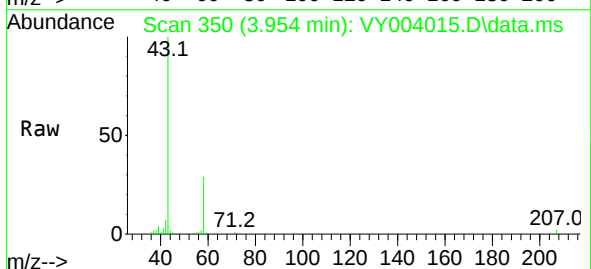
Instrument :
MSVOA_Y
ClientSampleId :

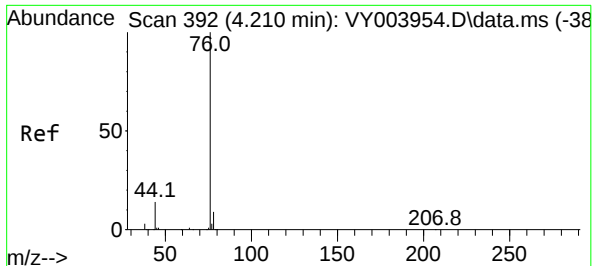
Tgt Ion:168 Resp: 205560
Ion Ratio Lower Upper
168 100
99 53.0 46.1 69.1



#16
Acetone
Concen: 108.69 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 43 Resp: 60306
Ion Ratio Lower Upper
43 100
58 28.6 23.4 35.0

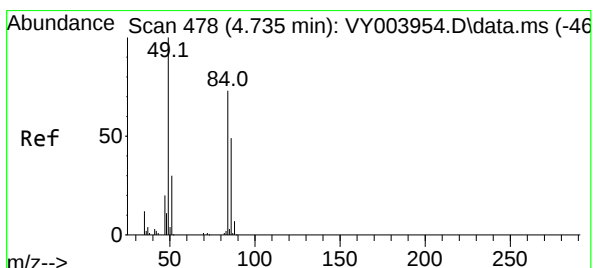
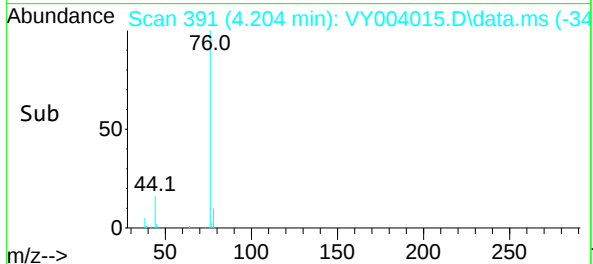
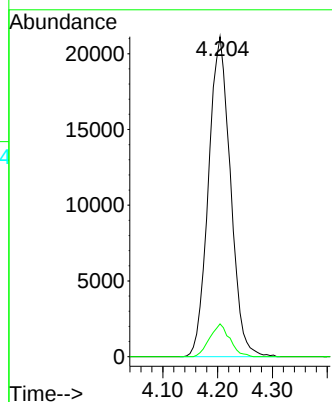
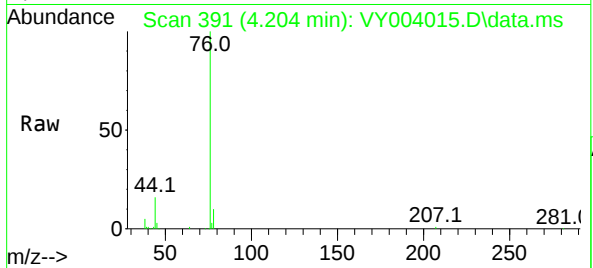




#17
Carbon Disulfide
Concen: 9.64 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

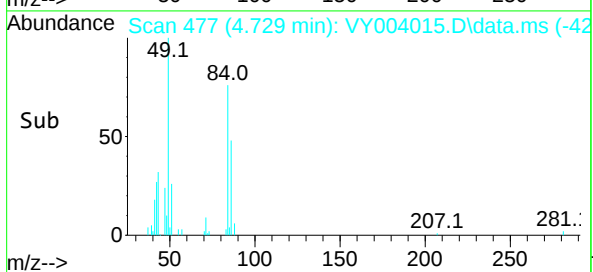
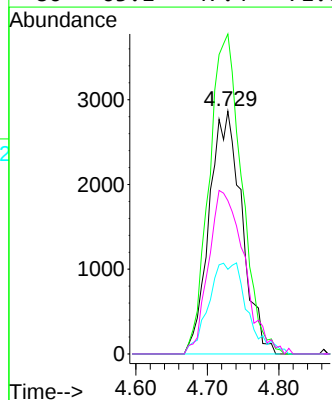
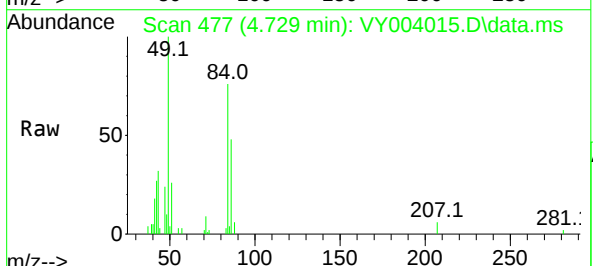
Instrument :
MSVOA_Y
ClientSampled :

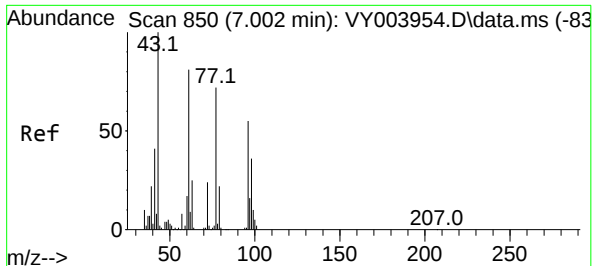
Tgt Ion: 76 Resp: 58786
Ion Ratio Lower Upper
76 100
78 10.3 6.3 9.5#



#20
Methylene Chloride
Concen: 3.85 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 84 Resp: 9072
Ion Ratio Lower Upper
84 100
49 131.8 107.0 160.4
51 34.9 31.9 47.9
86 63.1 47.4 71.0

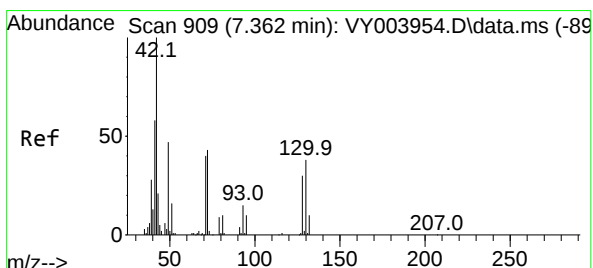
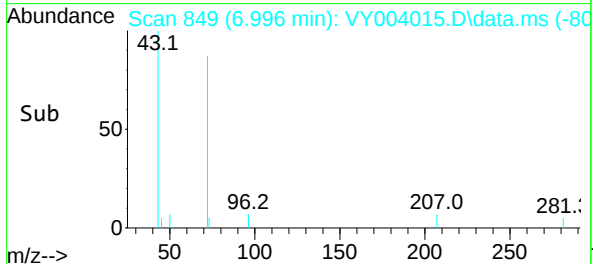
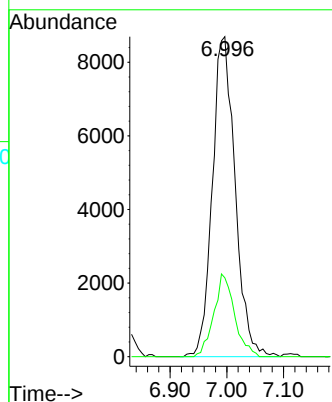
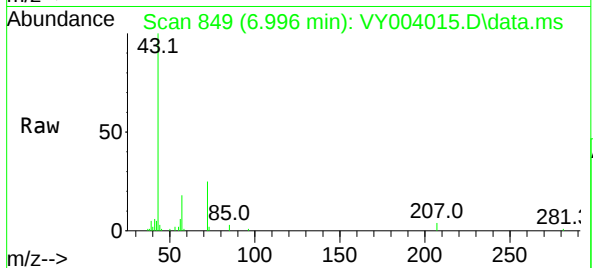




#25
2-Butanone
Concen: 30.66 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

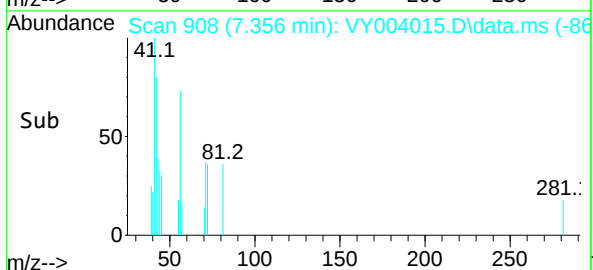
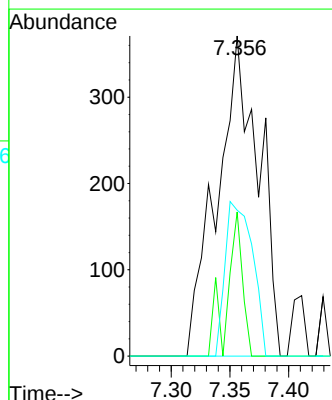
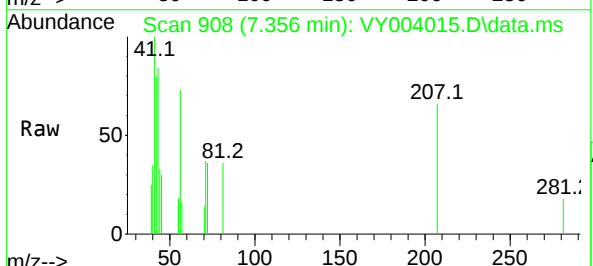
Instrument :
MSVOA_Y
ClientSampleId :

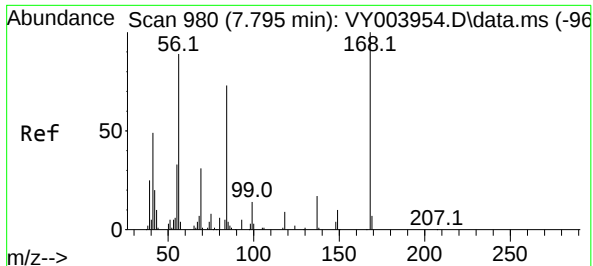
Tgt Ion: 43 Resp: 24236
Ion Ratio Lower Upper
43 100
72 24.6 18.5 27.7



#29
Tetrahydrofuran
Concen: 1.82 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 42 Resp: 915
Ion Ratio Lower Upper
42 100
72 16.7 30.6 45.8#
71 0.0 28.6 43.0#

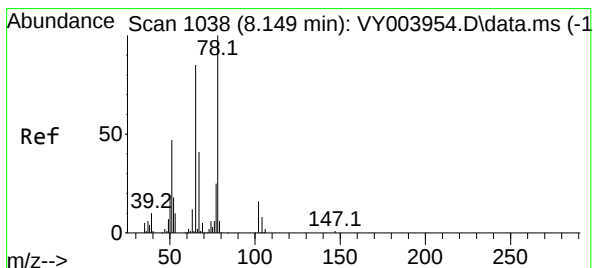
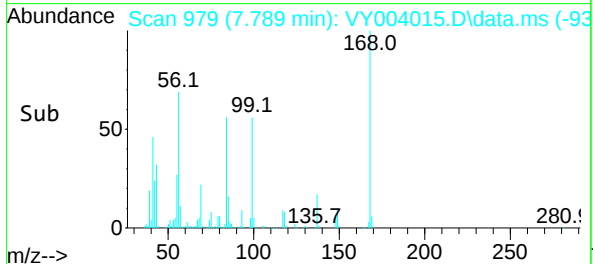
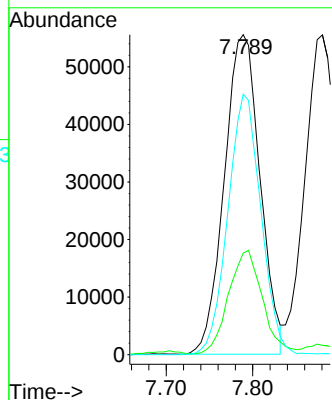
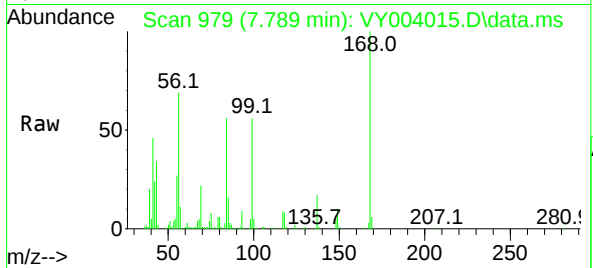




#31
Cyclohexane
Concen: 41.82 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

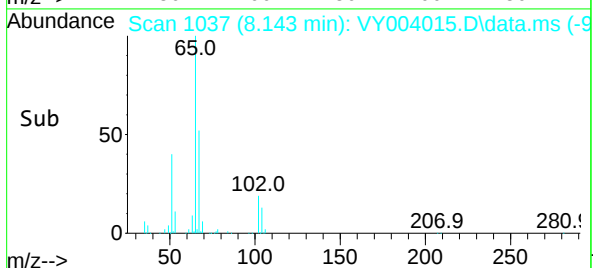
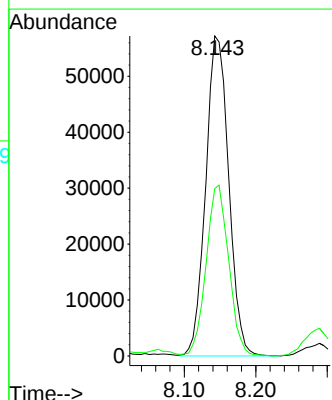
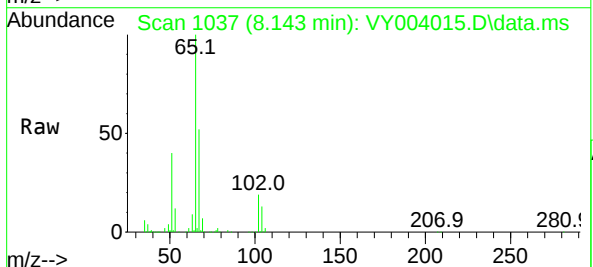
Instrument :
MSVOA_Y
ClientSampleId :

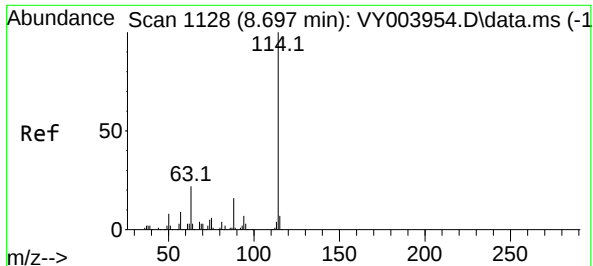
Tgt Ion: 56 Resp: 158743
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.4
84 81.6 64.5 96.7



#33
1,2-Dichloroethane-d4
Concen: 56.66 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 65 Resp: 128065
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

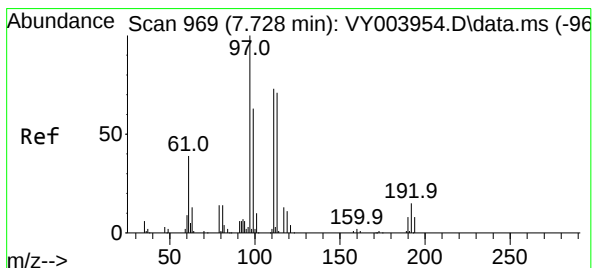
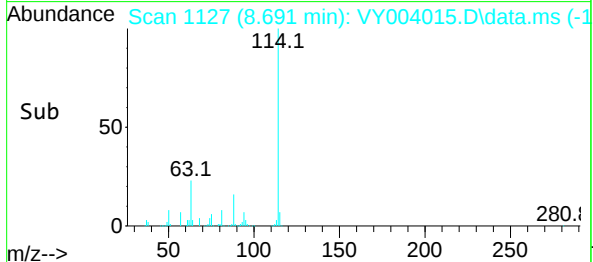
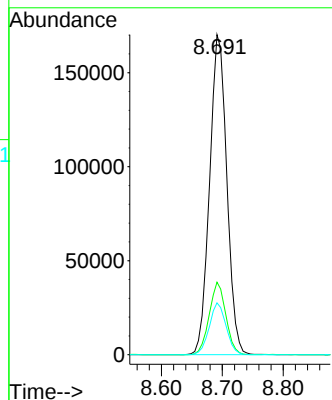
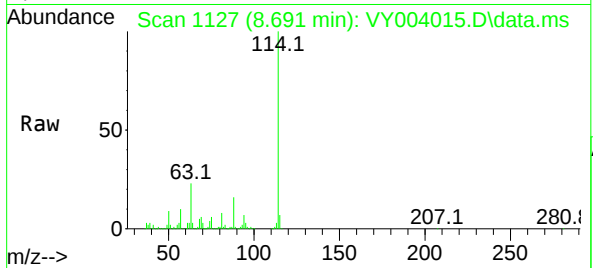




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

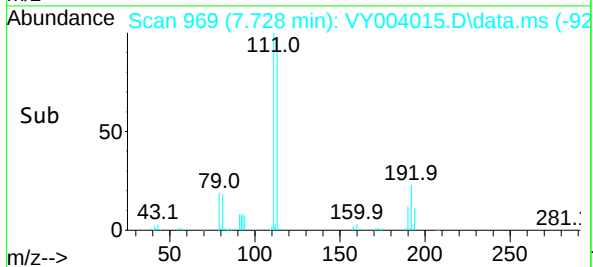
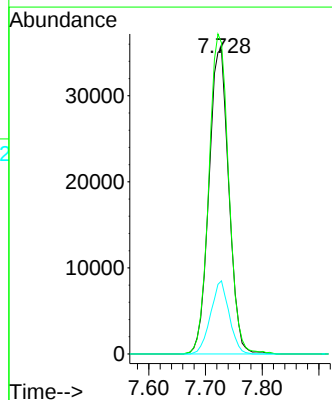
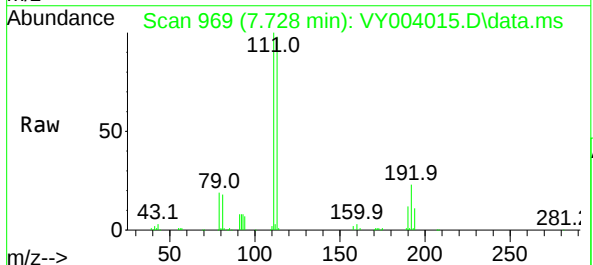
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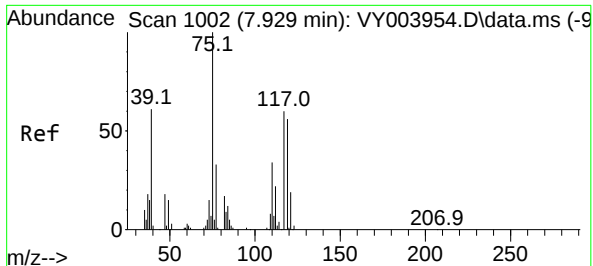
Tgt Ion:114 Resp: 334307
Ion Ratio Lower Upper
114 100
63 22.6 0.0 47.2
88 16.2 0.0 30.2



#35
Dibromofluoromethane
Concen: 44.22 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:113 Resp: 86440
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 22.3 18.3 27.5

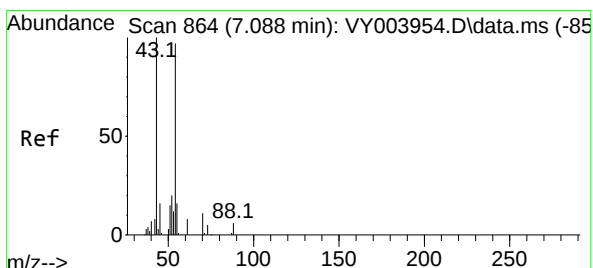
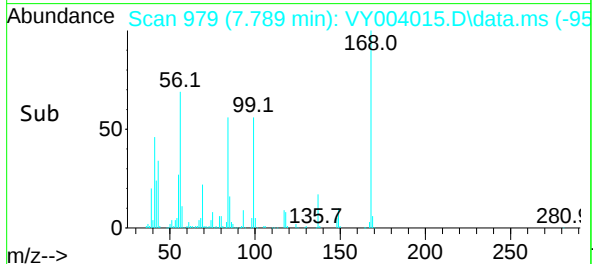
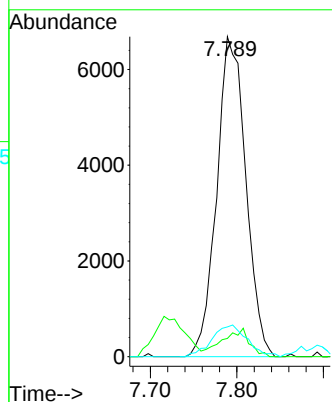
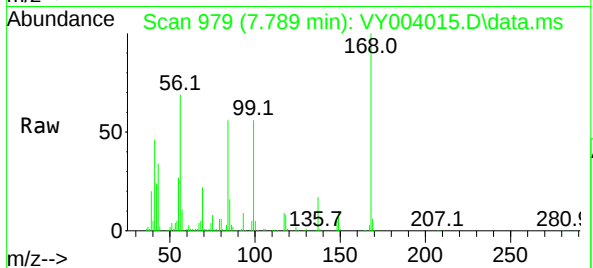




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

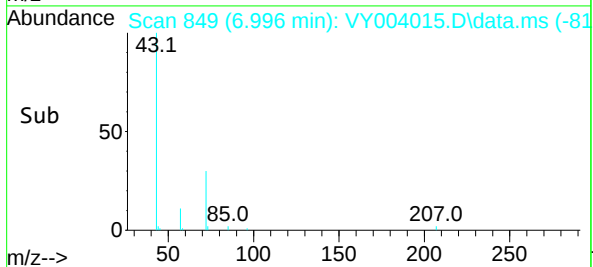
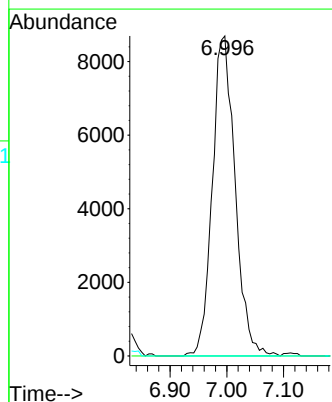
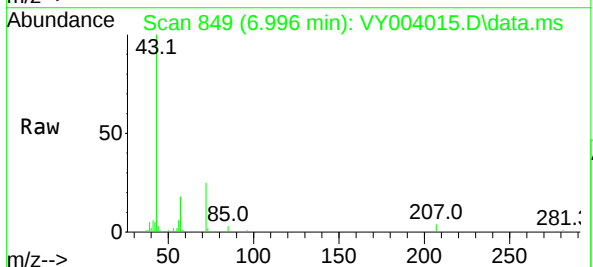
Instrument :
MSVOA_Y
ClientSampleId :

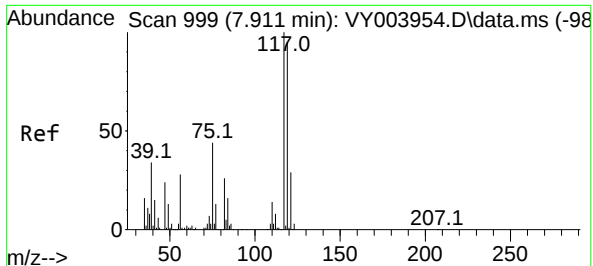
Tgt Ion: 75 Resp: 15583
Ion Ratio Lower Upper
75 100
110 8.3 17.9 53.8#
77 12.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 12.67 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 43 Resp: 24236
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.7 11.5#

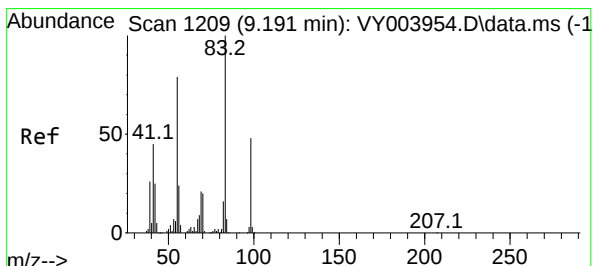
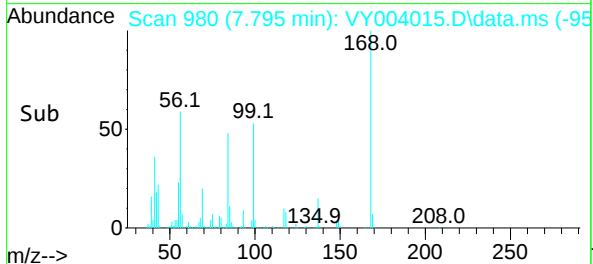
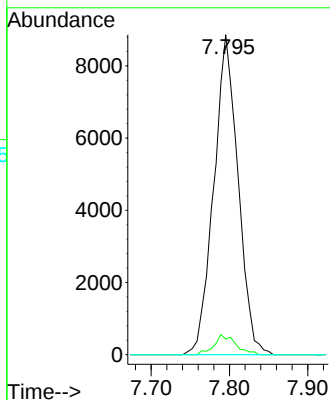
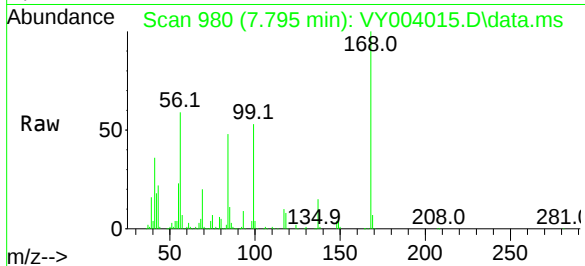




#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

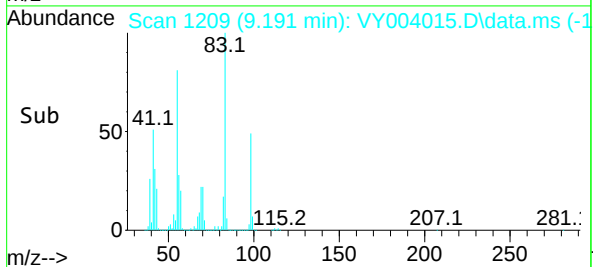
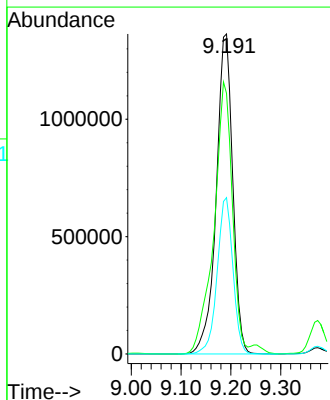
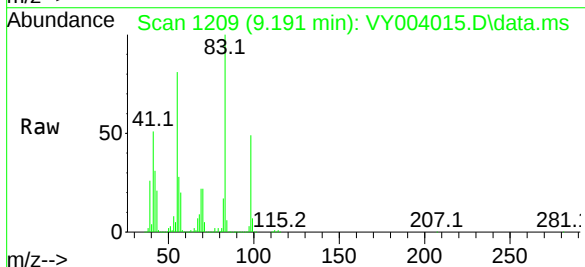
Instrument :
MSVOA_Y
ClientSampleId :

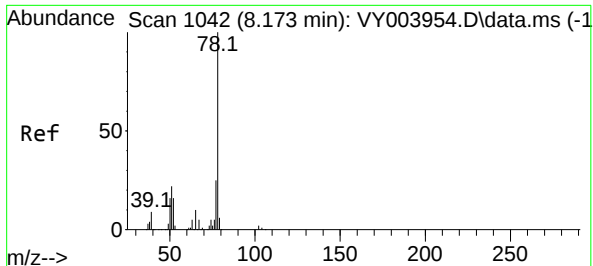
Tgt Ion:117 Resp: 19098
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 26.1 39.1#



#39
Methylcyclohexane
Concen: 779.56 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 83 Resp: 3141730
Ion Ratio Lower Upper
83 100
55 81.4 65.8 98.6
98 48.9 38.3 57.5

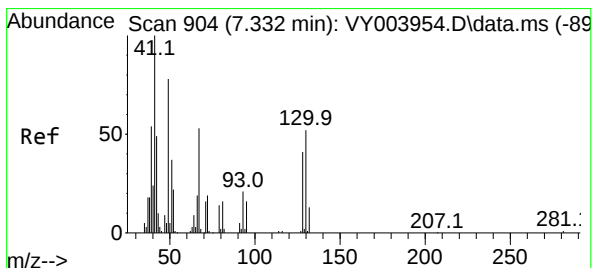
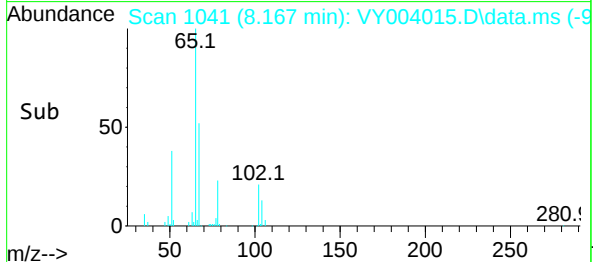
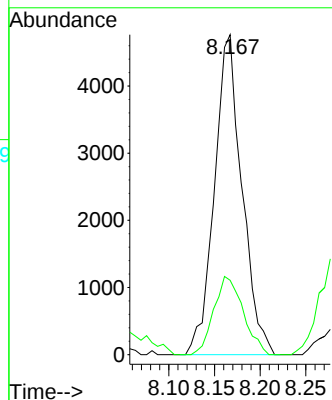
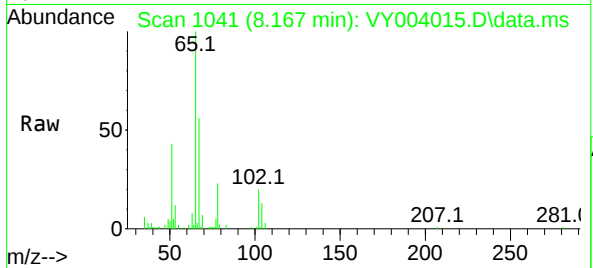




#40
Benzene
Concen: 1.07 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

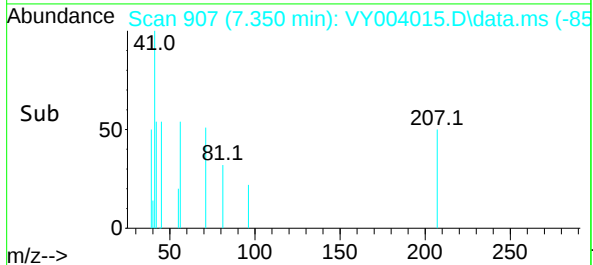
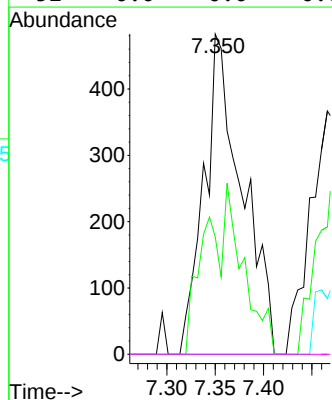
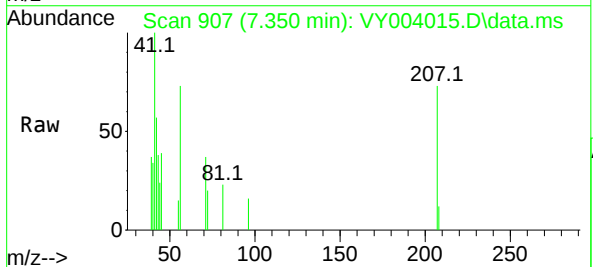
Instrument :
MSVOA_Y
ClientSampleId :

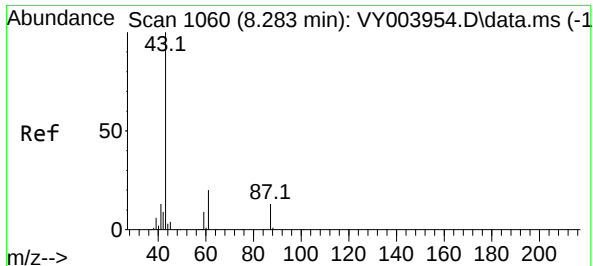
Tgt Ion: 78 Resp: 9983
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6



#41
Methacrylonitrile
Concen: 1.04 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.018 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

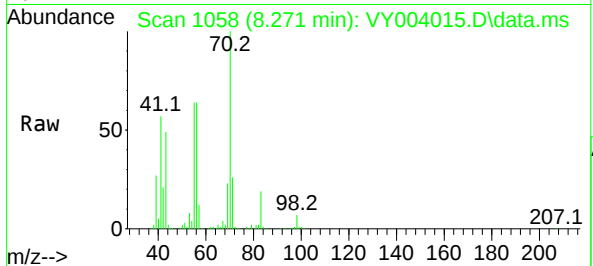
Tgt Ion: 41 Resp: 1315
Ion Ratio Lower Upper
41 100
39 25.5 82.6 124.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



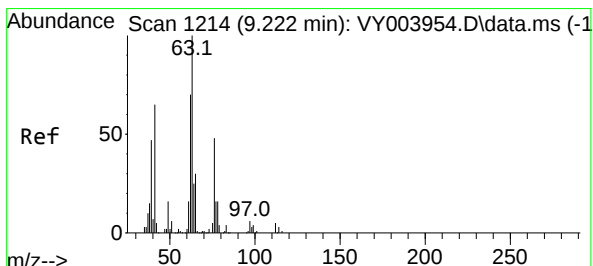
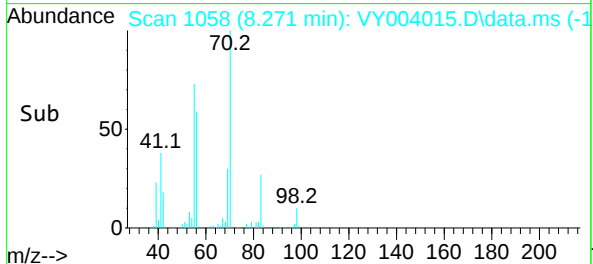
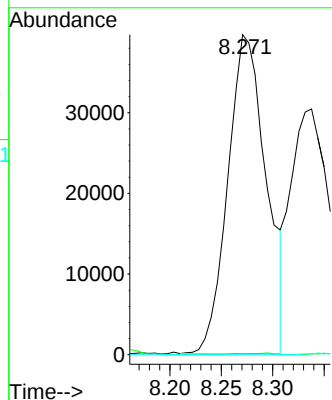


#43
Isopropyl Acetate
Concen: 27.57 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Instrument :
MSVOA_Y
ClientSampled :

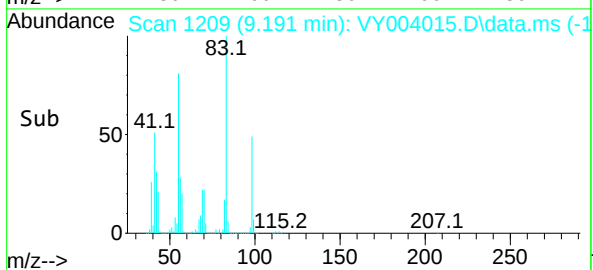
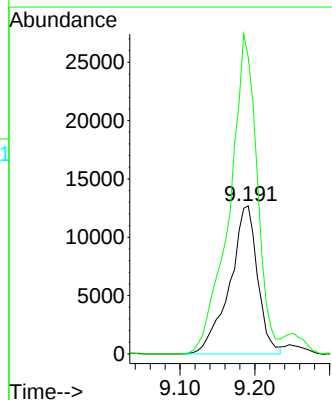
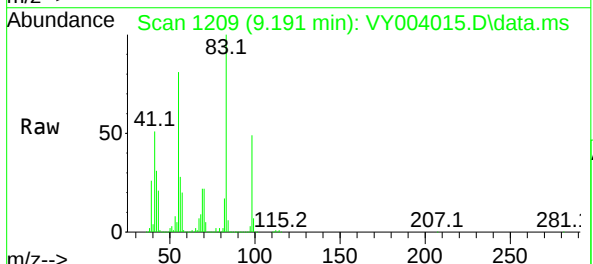


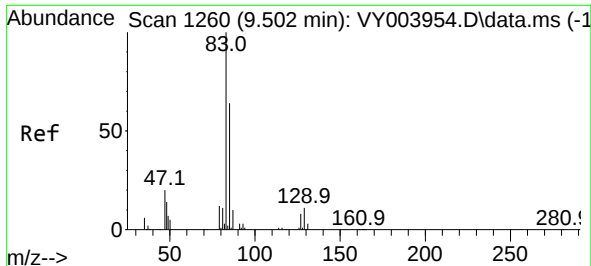
Tgt Ion: 43 Resp: 102585
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.1 13.7#



#45
1,2-Dichloropropane
Concen: 14.23 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.030 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 63 Resp: 32932
Ion Ratio Lower Upper
63 100
65 200.6 24.4 36.6#

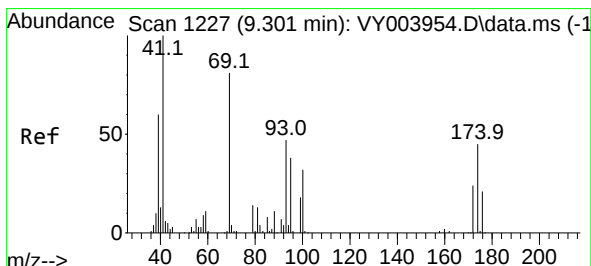
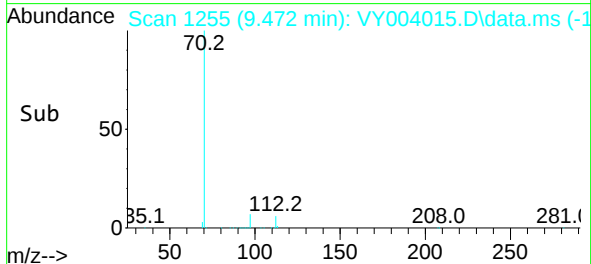
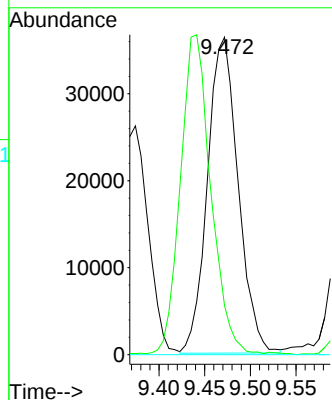
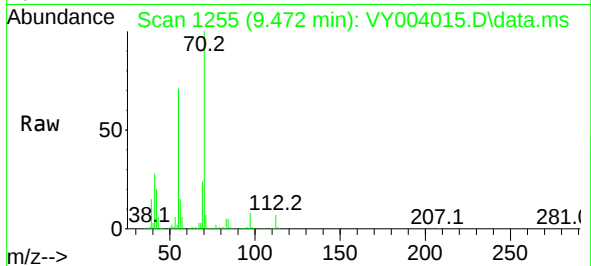




#47
Bromodichloromethane
Concen: 24.80 ug/l
RT: 9.472 min Scan# 1255
Delta R.T. -0.030 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

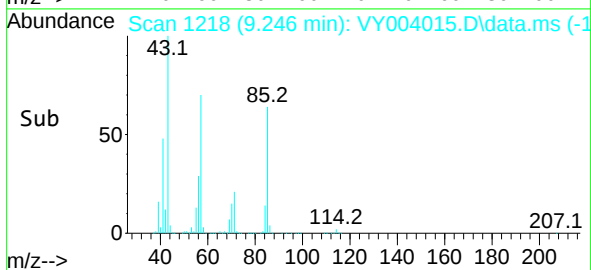
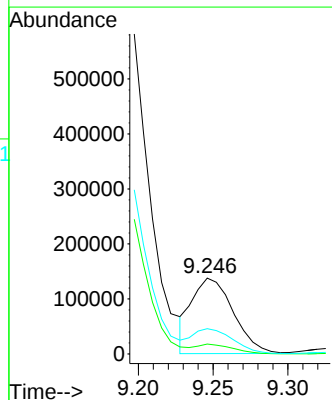
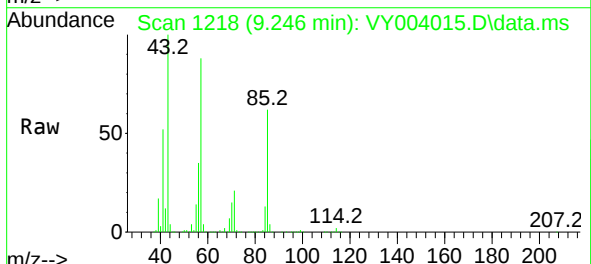
Instrument :
MSVOA_Y
ClientSampleId :

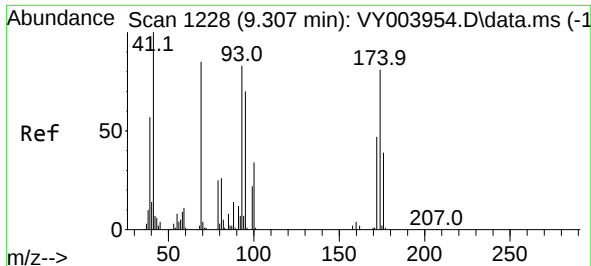
Tgt Ion: 83 Resp: 84786
Ion Ratio Lower Upper
83 100
85 15.2 49.2 73.8#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 145.71 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.055 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 41 Resp: 264838
Ion Ratio Lower Upper
41 100
69 11.1 60.8 91.2#
39 33.1 48.2 72.2#





#49

1,4-Dioxane

Concen: 1.92 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.116 min

Lab File: VY004015.D

Acq: 11 Feb 2021 20:40

Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

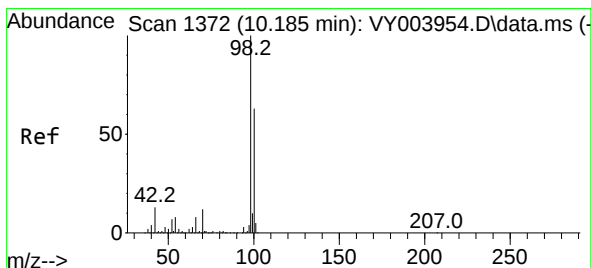
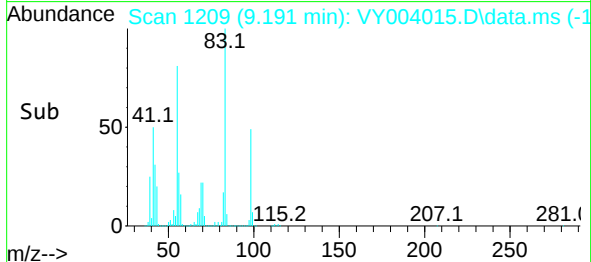
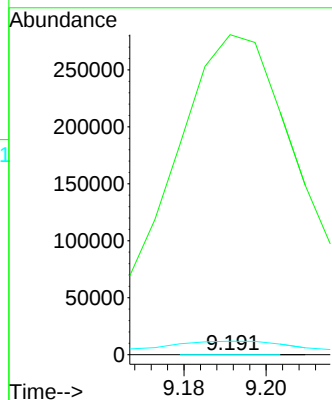
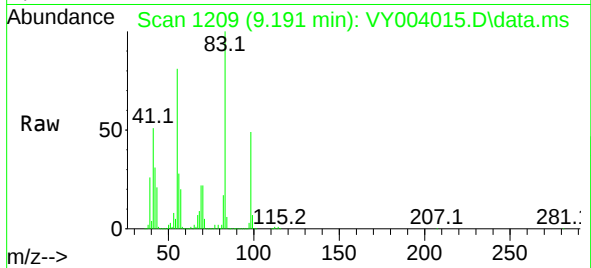
43 2558525.9 32.6 48.8#

58 134903.7 60.2 90.4#

Instrument :

MSVOA_Y

ClientSampleId :



#50

Toluene-d8

Concen: 169.22 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY004015.D

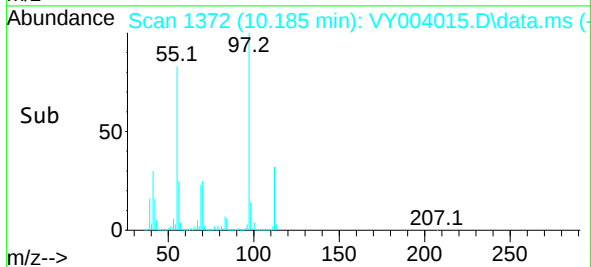
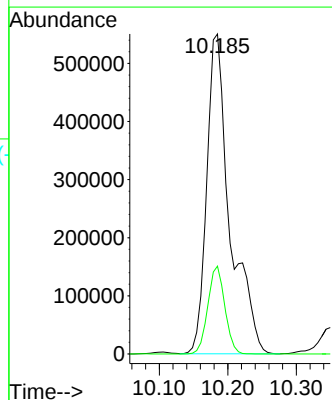
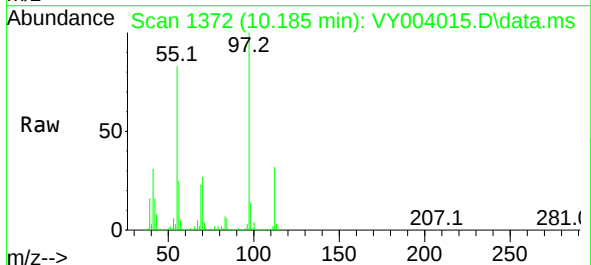
Acq: 11 Feb 2021 20:40

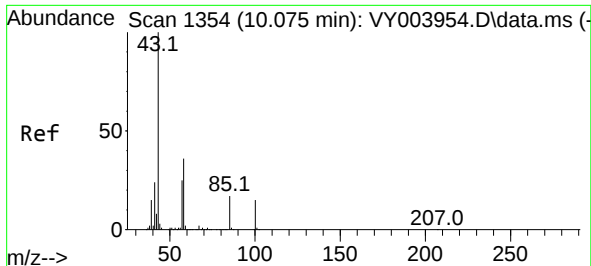
Tgt Ion: 98 Resp: 1298072

Ion Ratio Lower Upper

98 100

100 20.0 50.5 75.7#

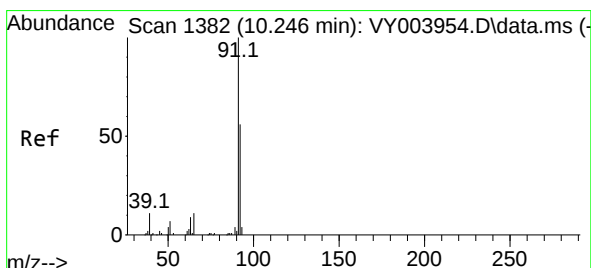
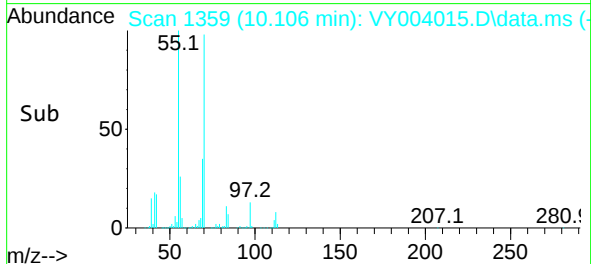
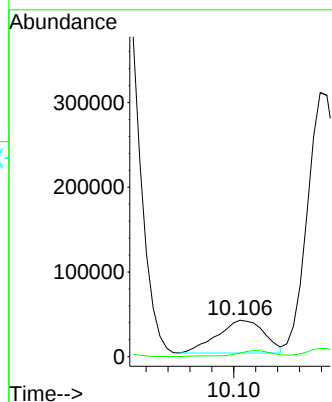
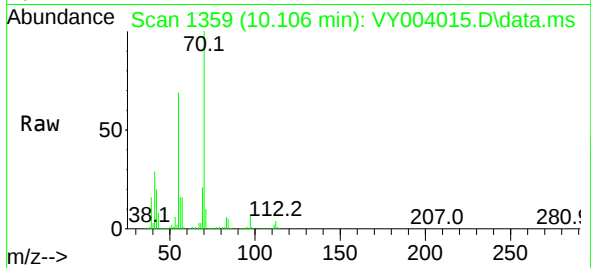




#51
4-Methyl-2-Pentanone
Concen: 61.10 ug/l
RT: 10.106 min Scan# 1359
Delta R.T. 0.031 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

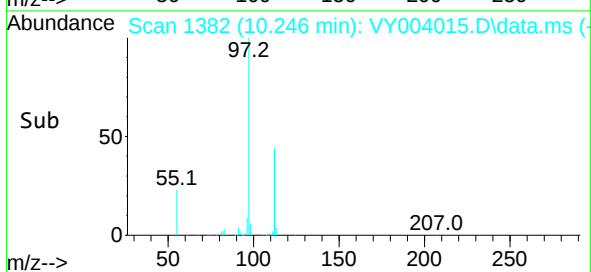
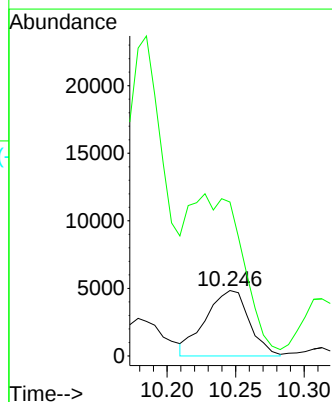
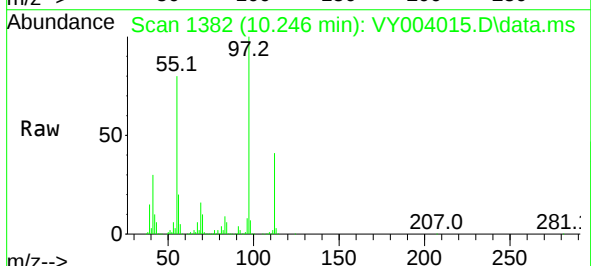
Instrument :
MSVOA_Y
ClientSampleId :

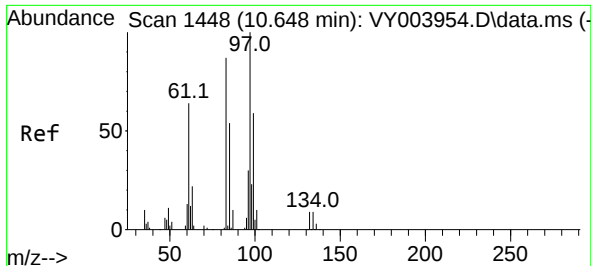
Tgt Ion: 43 Resp: 116098
Ion Ratio Lower Upper
43 100
58 14.4 28.6 42.8#



#52
Toluene
Concen: 1.82 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

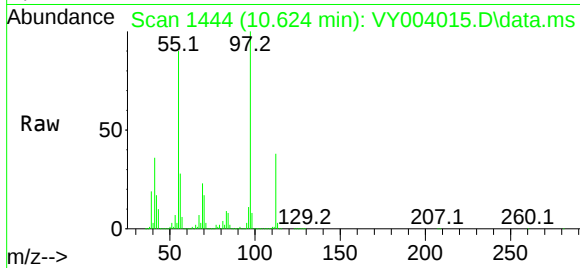
Tgt Ion: 92 Resp: 10758
Ion Ratio Lower Upper
92 100
91 285.0 142.7 214.1#



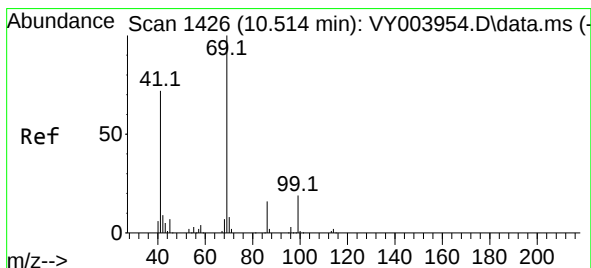
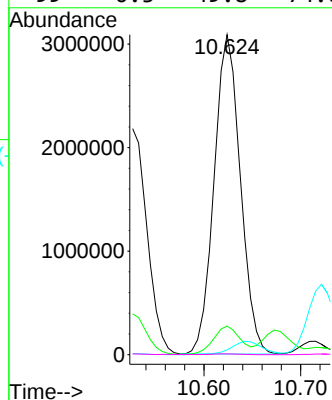
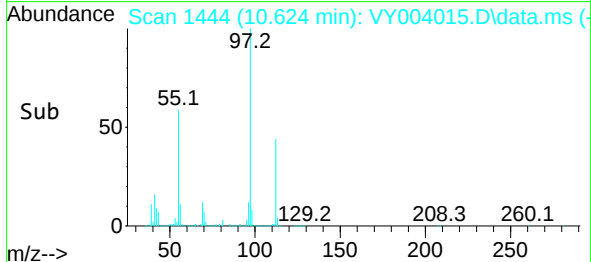


#55
1,1,2-Trichloroethane
Concen: 3170.68 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

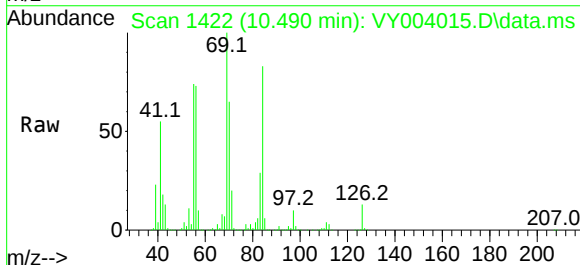
Instrument :
MSVOA_Y
ClientSampleId :



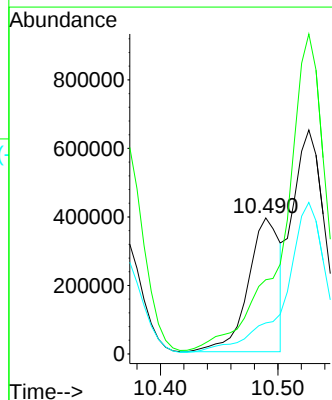
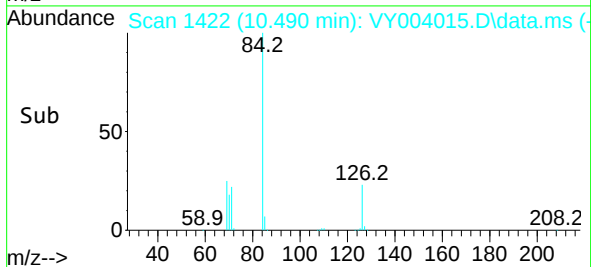
Tgt Ion: 97 Resp: 5810449
Ion Ratio Lower Upper
97 100
83 8.9 70.6 106.0#
85 1.5 45.8 68.8#
99 0.3 49.8 74.6#

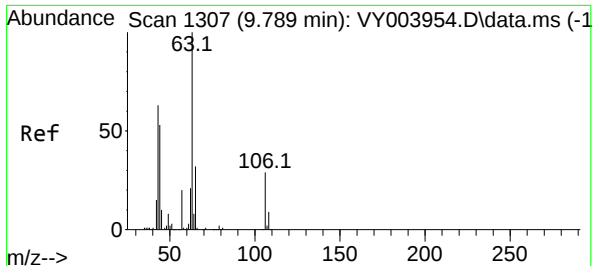


#56
Ethyl methacrylate
Concen: 280.90 ug/l
RT: 10.490 min Scan# 1422
Delta R.T. -0.024 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40



Tgt Ion: 69 Resp: 734895
Ion Ratio Lower Upper
69 100
41 0.0 59.6 89.4#
39 0.0 31.9 47.9#

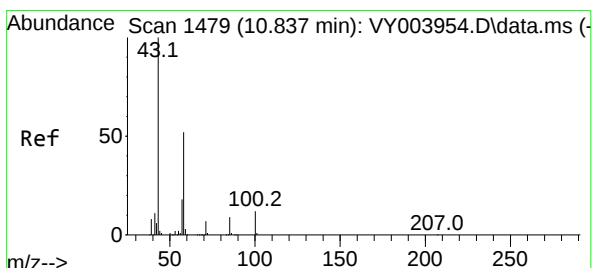
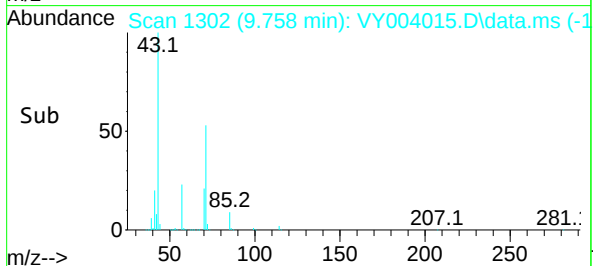
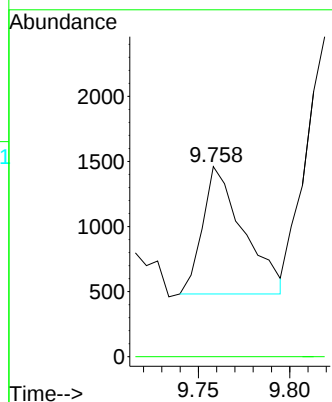
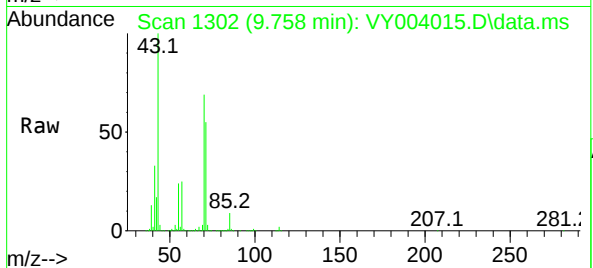




#58
2-Chloroethyl Vinyl ether
Concen: 1.28 ug/l
RT: 9.758 min Scan# 1302
Delta R.T. -0.030 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

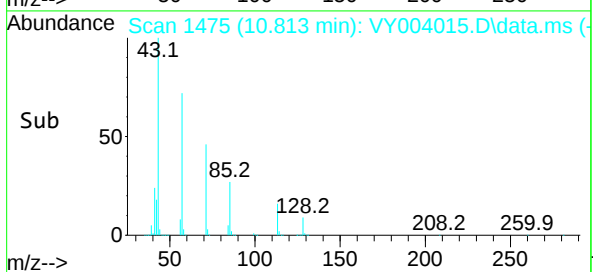
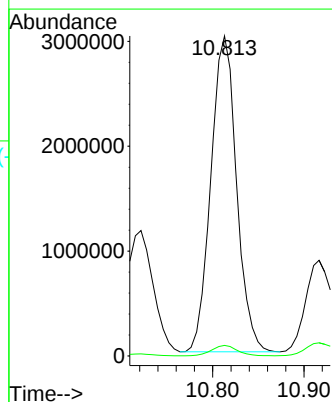
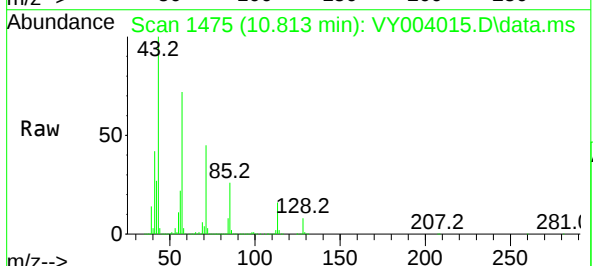
Instrument :
MSVOA_Y
ClientSampleId :

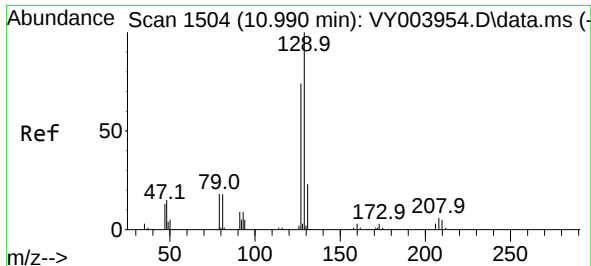
Tgt Ion: 63 Resp: 1523
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#59
2-Hexanone
Concen: 4417.31 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.024 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 43 Resp: 5883284
Ion Ratio Lower Upper
43 100
58 3.2 24.8 74.4#

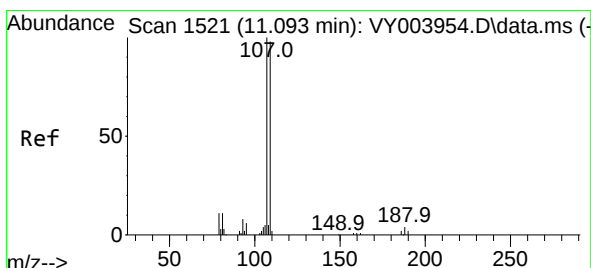
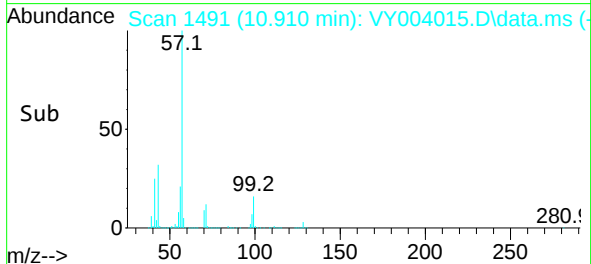
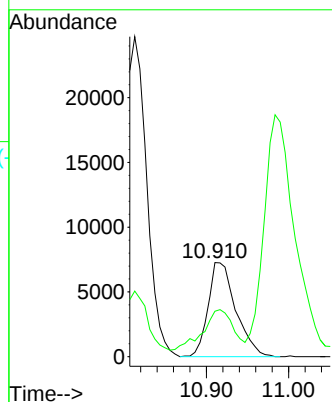
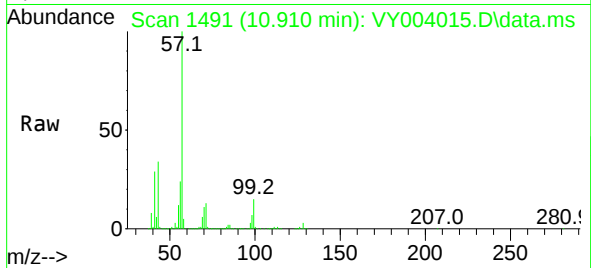




#60
Dibromochloromethane
Concen: 7.12 ug/l
RT: 10.910 min Scan# 1491
Delta R.T. -0.079 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

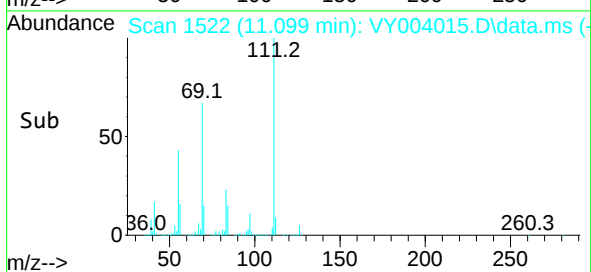
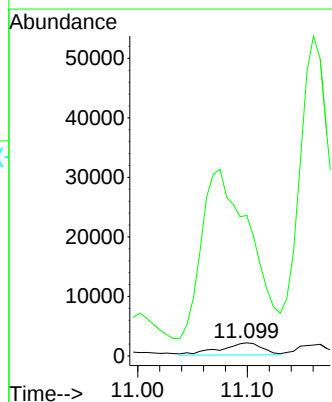
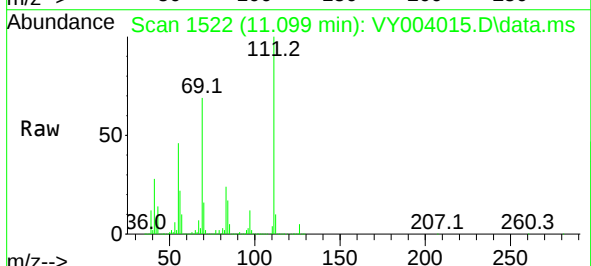
Instrument :
MSVOA_Y
ClientSampleId :

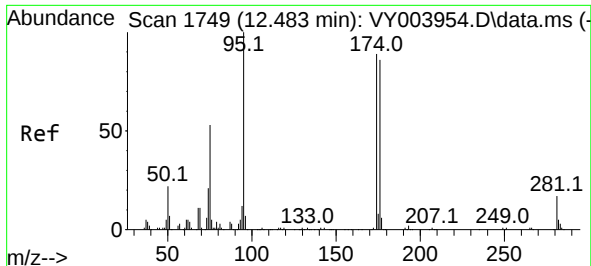
Tgt Ion:129 Resp: 17012
Ion Ratio Lower Upper
129 100
127 46.4 39.1 117.3



#61
1,2-Dibromoethane
Concen: 2.98 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:107 Resp: 5461
Ion Ratio Lower Upper
107 100
109 0.0 74.0 111.0#

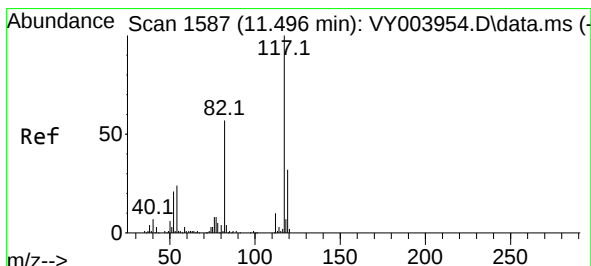
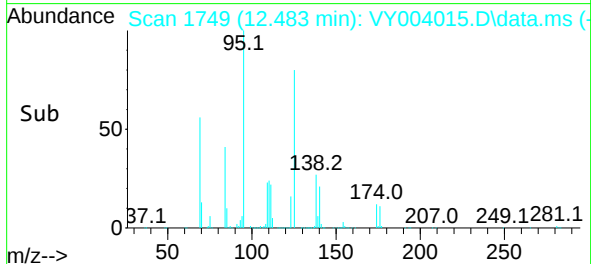
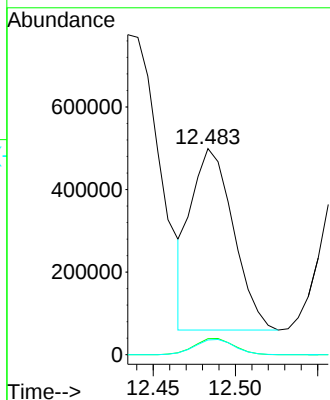
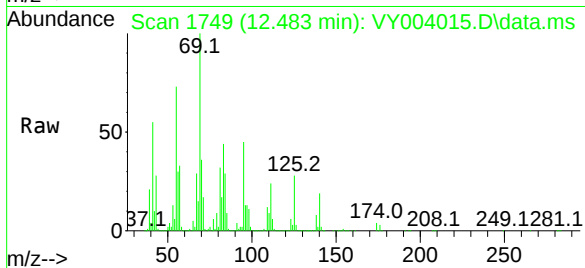




#62
4-Bromofluorobenzene
Concen: 281.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

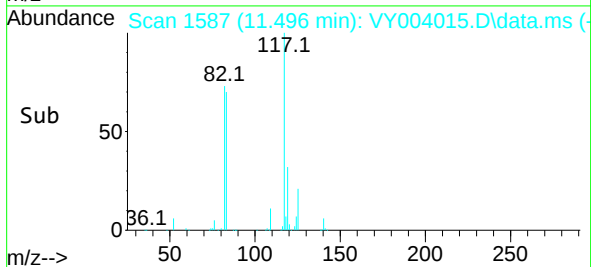
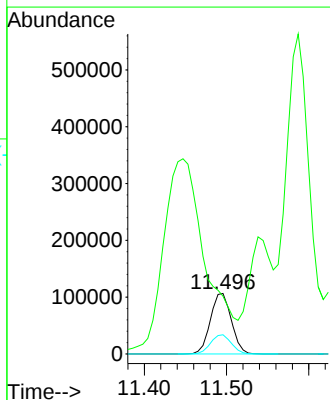
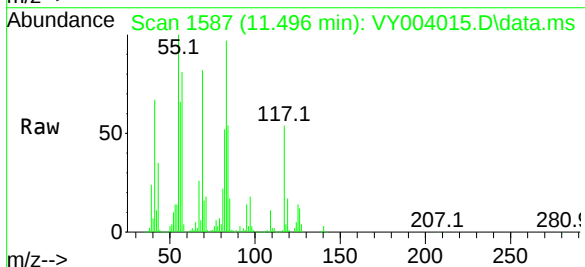
Instrument :
MSVOA_Y
ClientSampleId :

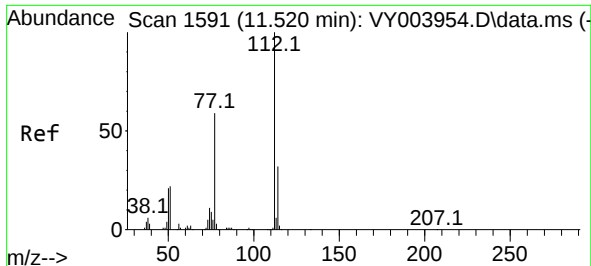
Tgt Ion: 95 Resp: 786985
Ion Ratio Lower Upper
95 100
174 8.4 0.0 184.4
176 7.9 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 117 Resp: 187998
Ion Ratio Lower Upper
117 100
82 0.0 44.3 66.5#
119 31.8 25.0 37.6

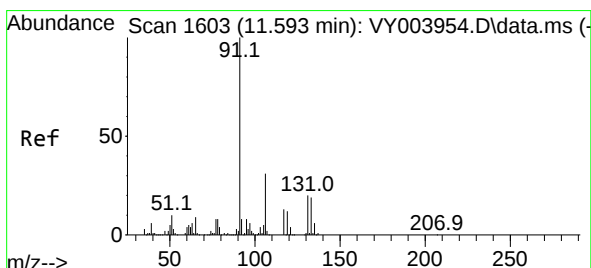
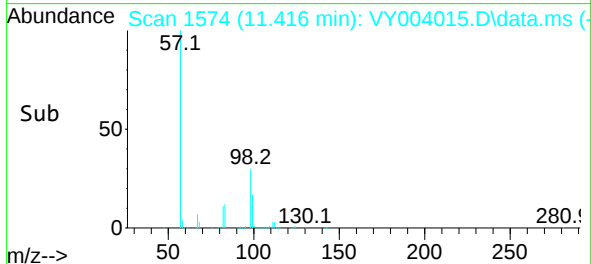
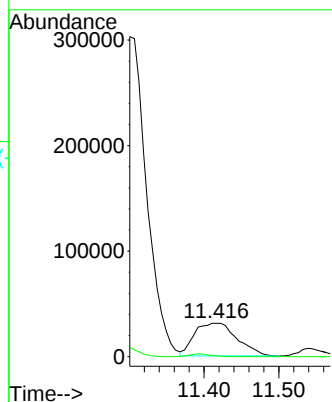
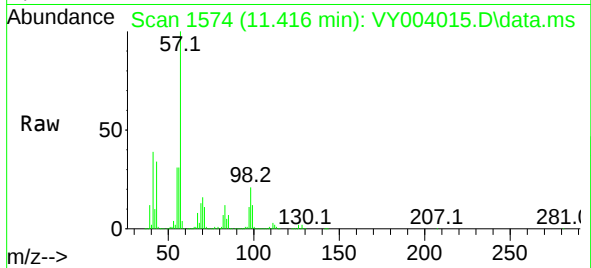




#65
Chlorobenzene
Concen: 32.16 ug/l
RT: 11.416 min Scan# 1574
Delta R.T. -0.103 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

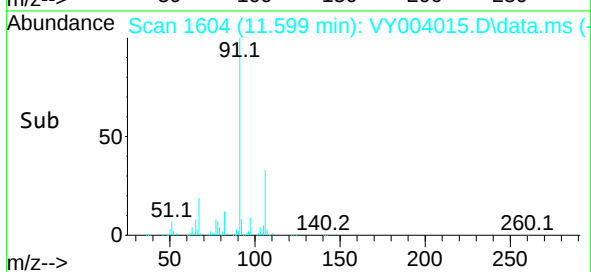
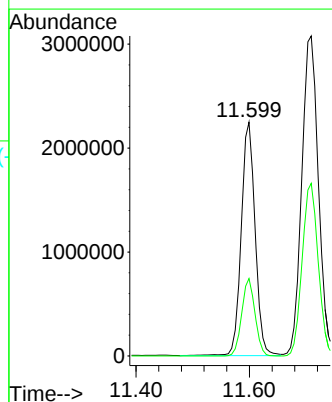
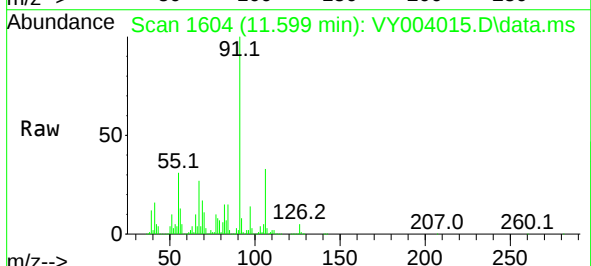
Instrument :
MSVOA_Y
ClientSampleId :

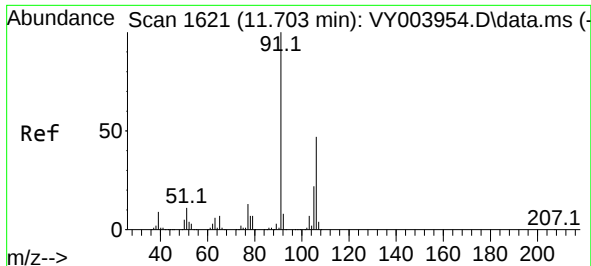
Tgt Ion:112 Resp: 122553
Ion Ratio Lower Upper
112 100
114 2.6 26.1 39.1#



#67
Ethyl Benzene
Concen: 533.29 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 91 Resp: 3810297
Ion Ratio Lower Upper
91 100
106 33.2 23.9 35.9

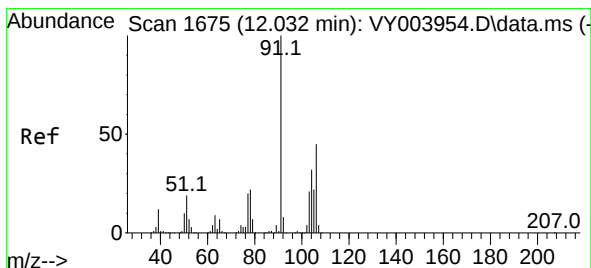
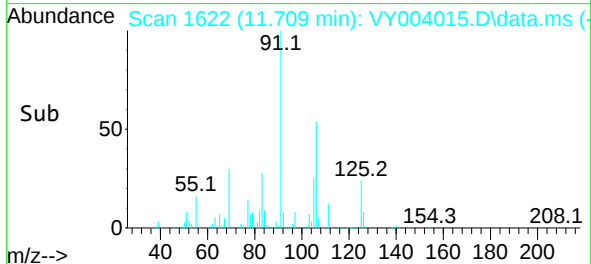
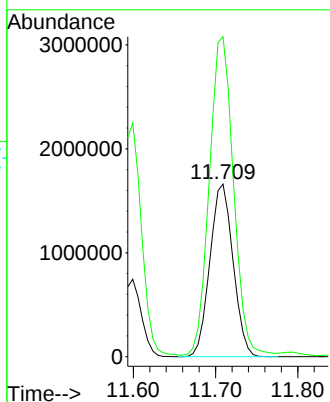
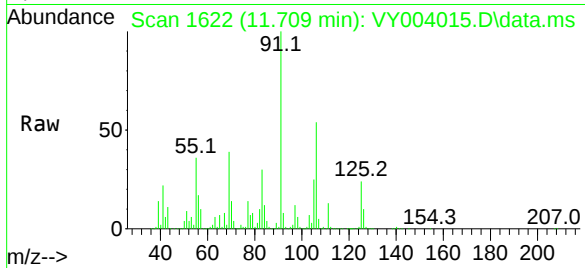




#68
m/p-Xylenes
Concen: 1226.21 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

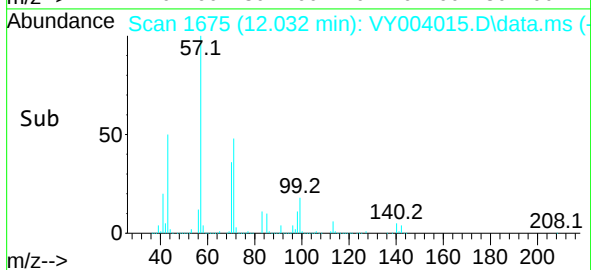
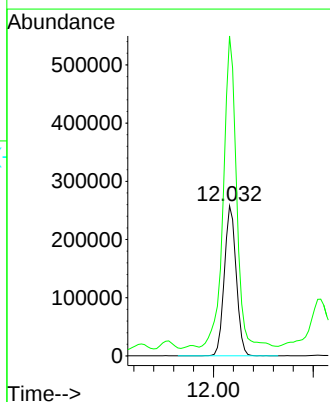
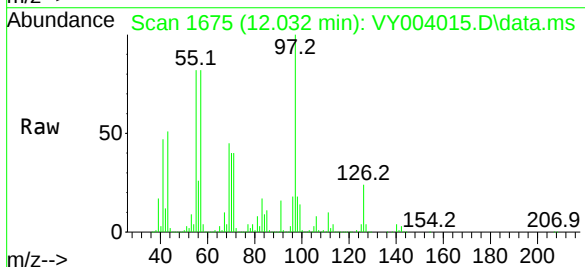
Instrument :
MSVOA_Y
ClientSampleId :

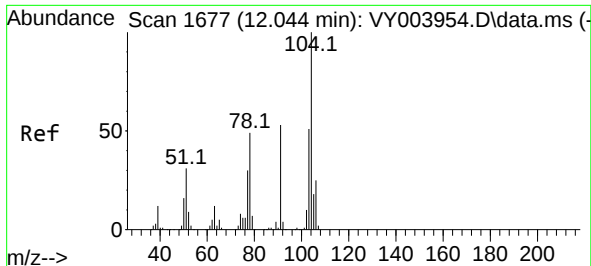
Tgt Ion:106 Resp: 3246807
Ion Ratio Lower Upper
106 100
91 191.5 167.1 250.7



#69
o-Xylene
Concen: 172.63 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:106 Resp: 425246
Ion Ratio Lower Upper
106 100
91 230.9 110.8 332.4

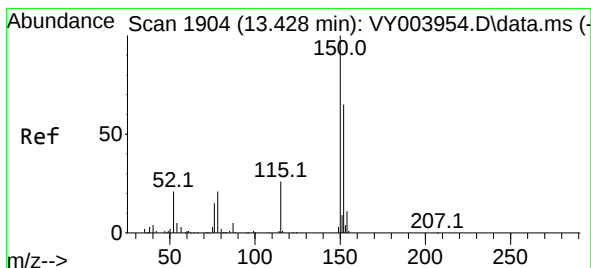
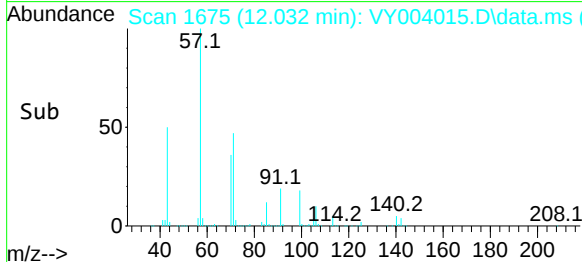
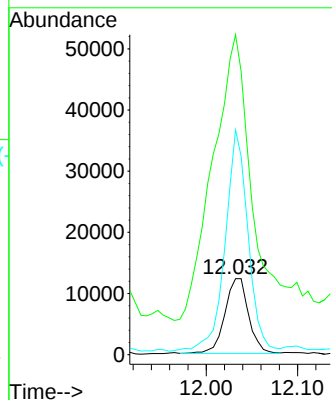
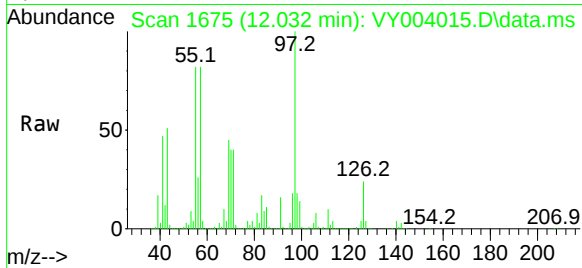




#70
Styrene
Concen: 5.20 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.012 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

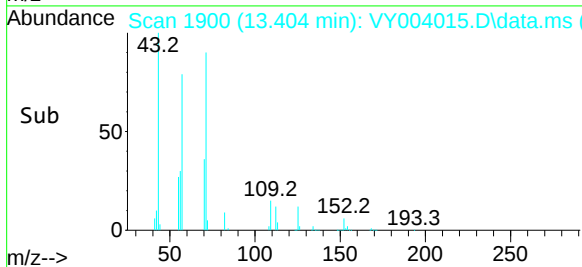
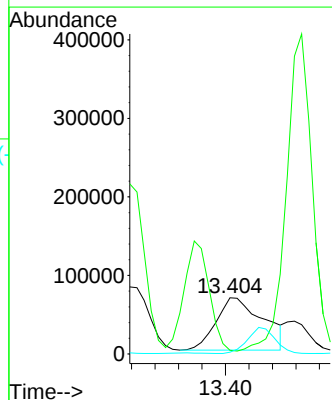
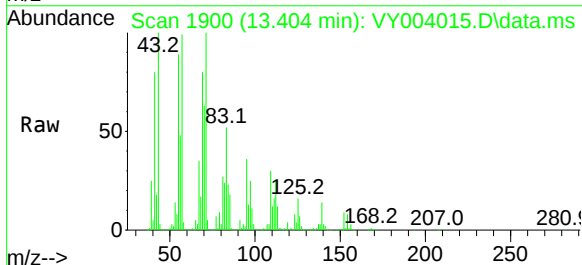
Instrument :
MSVOA_Y
ClientSampleId :

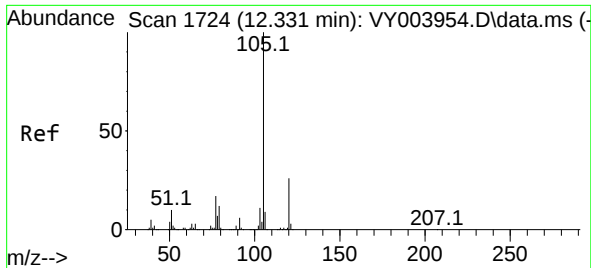
Tgt Ion:104 Resp: 22109
Ion Ratio Lower Upper
104 100
78 662.0 43.0 64.4#
103 283.8 45.0 67.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.024 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:152 Resp: 184083
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.6#
150 0.0 0.0 356.2

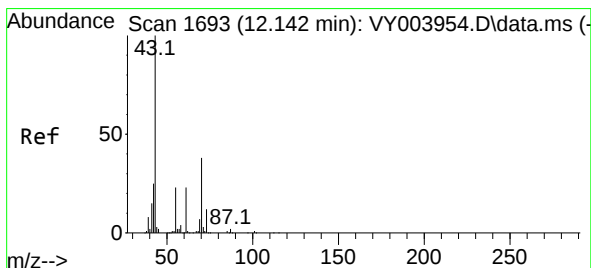
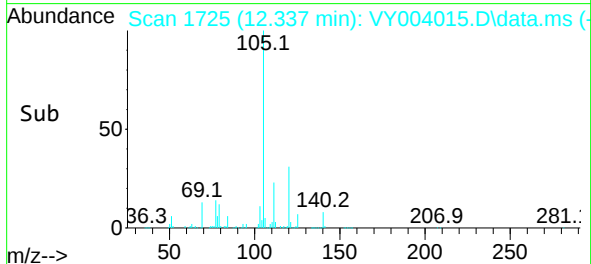
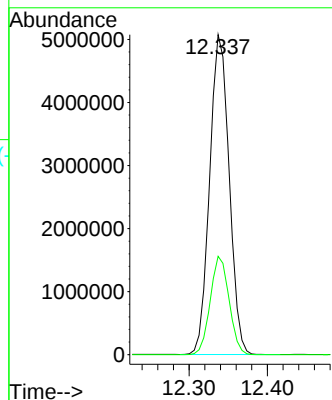
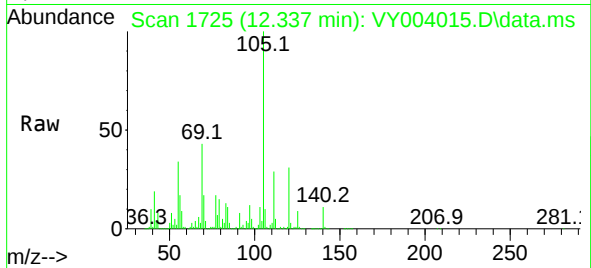




#73
Isopropylbenzene
Concen: 664.93 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

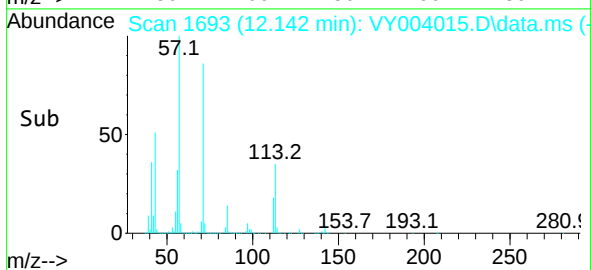
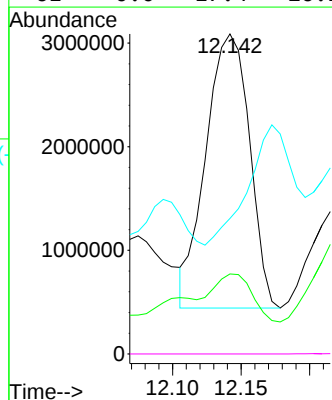
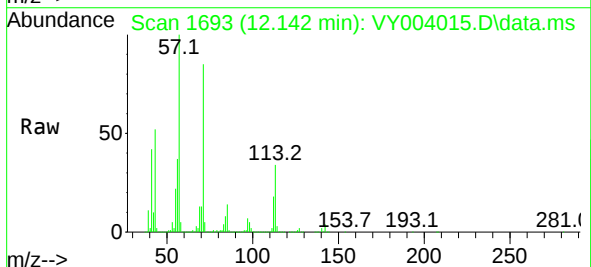
Instrument :
MSVOA_Y
ClientSampleId :

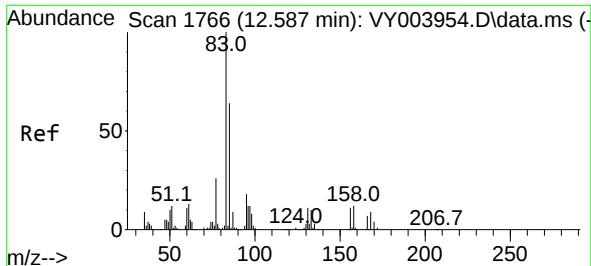
Tgt Ion:105 Resp: 8760993
Ion Ratio Lower Upper
105 100
120 29.7 13.6 40.8



#74
N-ethyl acetate
Concen: 1511.99 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 43 Resp: 5856120
Ion Ratio Lower Upper
43 100
70 16.2 29.6 44.4#
55 0.0 18.4 27.6#
61 0.0 17.4 26.2#

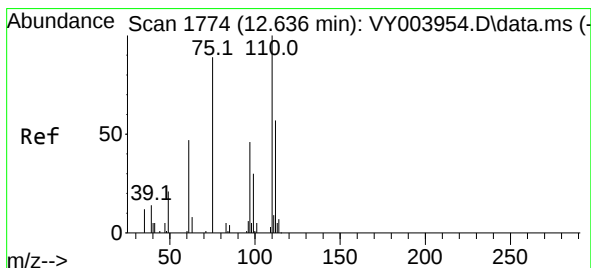
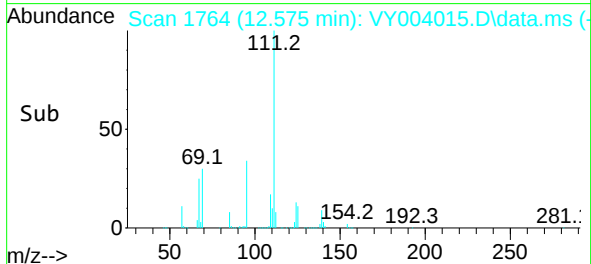
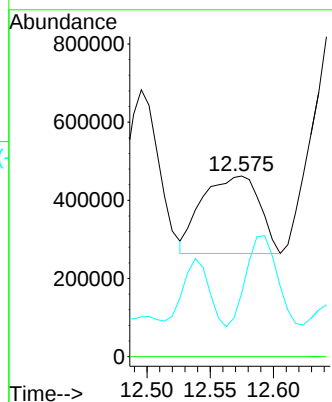
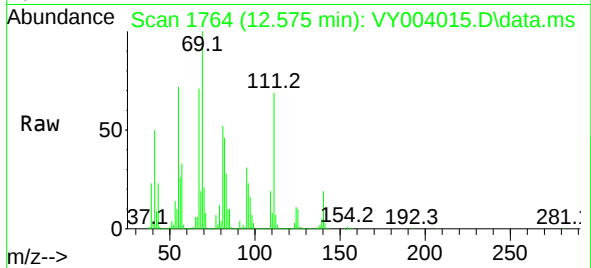




#75
1,1,2,2-Tetrachloroethane
Concen: 261.00 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.012 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

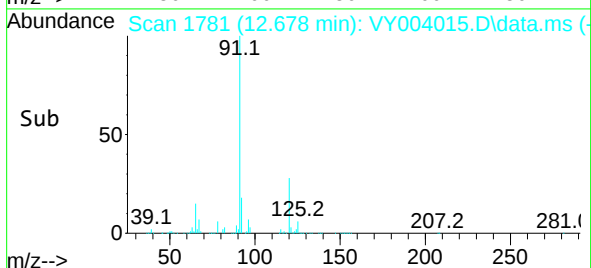
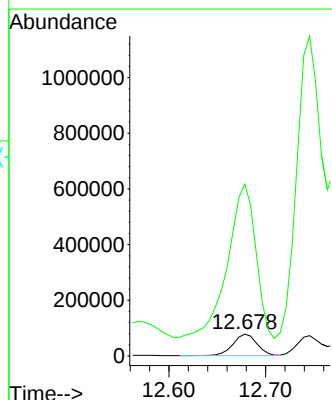
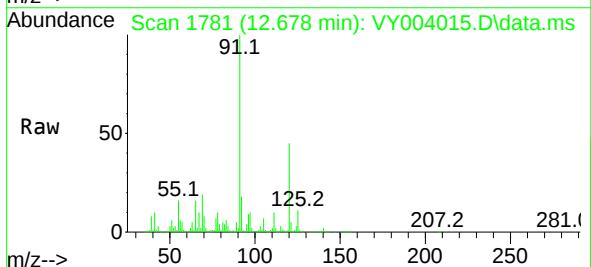
Instrument :
MSVOA_Y
ClientSampleId :

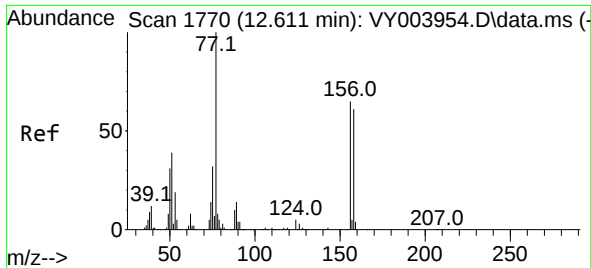
Tgt Ion: 83 Resp: 623645
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 0.0 31.6 94.8#



#76
1,2,3-Trichloropropane
Concen: 72.86 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.043 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 75 Resp: 135134
Ion Ratio Lower Upper
75 100
77 832.2 0.0 0.0#

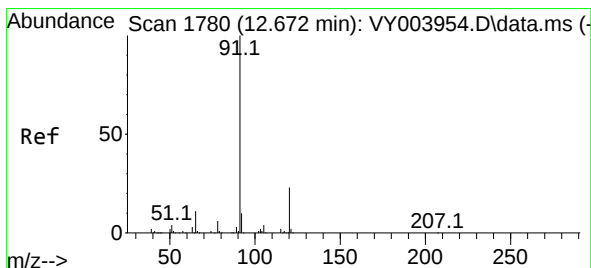
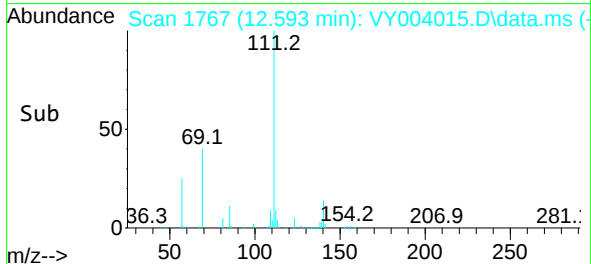
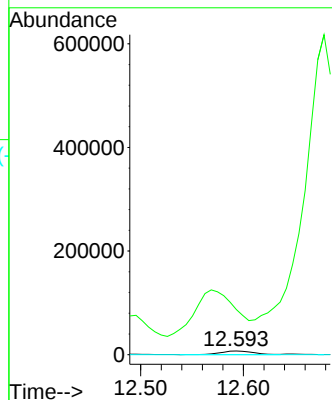
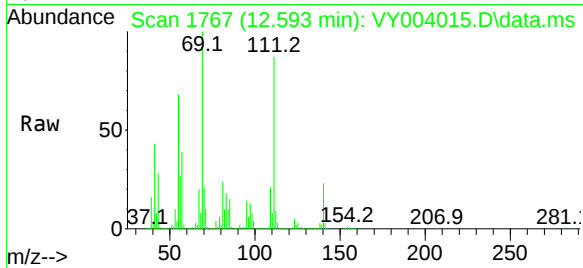




#77
Bromobenzene
Concen: 4.74 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.018 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

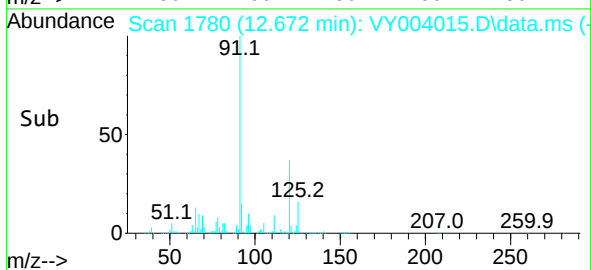
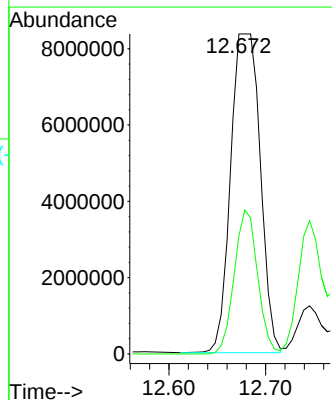
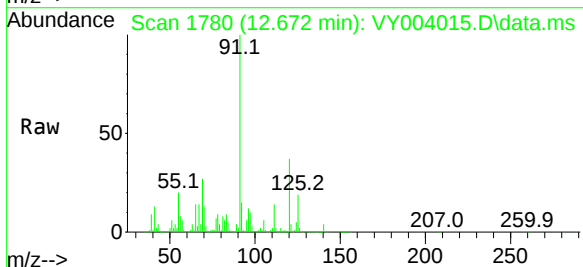
Instrument :
MSVOA_Y
ClientSampled :

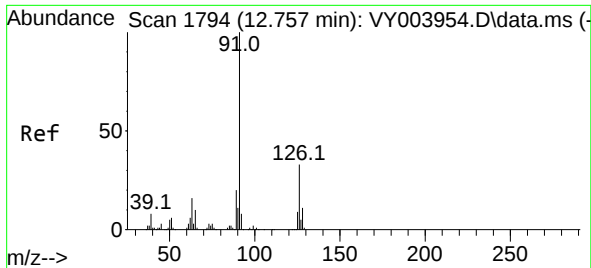
Tgt Ion:156 Resp: 15465
Ion Ratio Lower Upper
156 100
77 0.0 93.8 281.6#
158 0.5 48.8 146.4#



#78
n-propylbenzene
Concen: 1132.70 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 91 Resp:17757575
Ion Ratio Lower Upper
91 100
120 35.7 11.4 34.2#

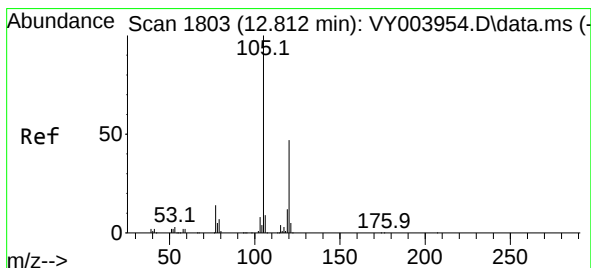
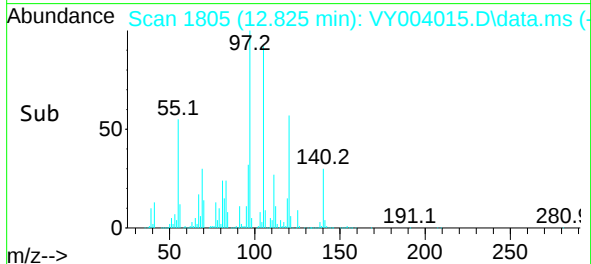
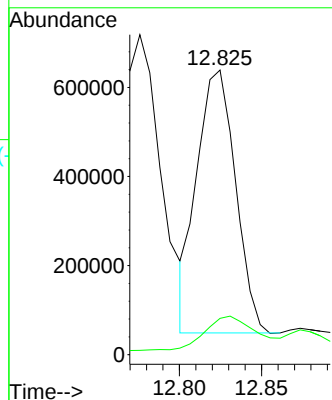
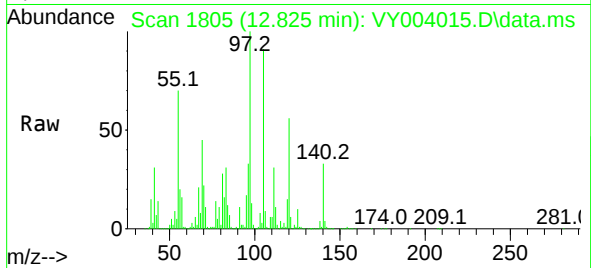




#79
2-Chlorotoluene
Concen: 107.22 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.067 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

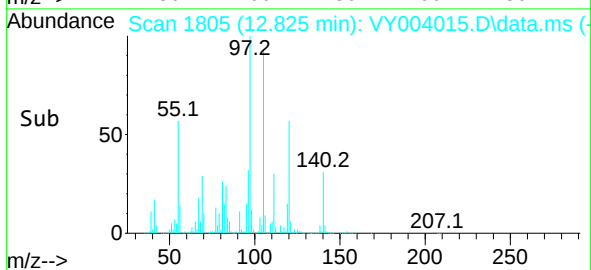
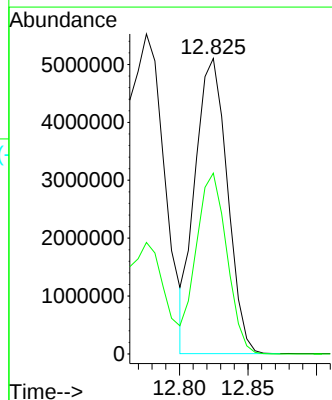
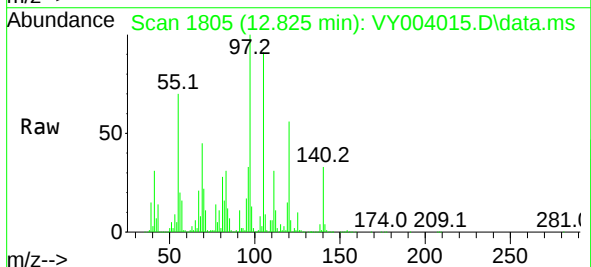
Instrument :
MSVOA_Y
ClientSampleId :

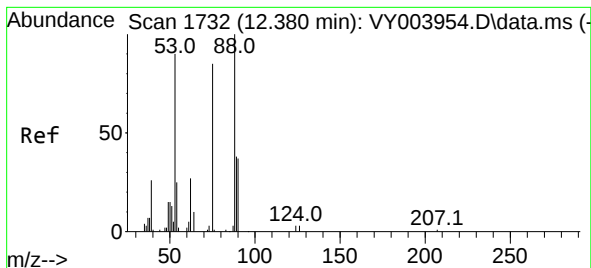
Tgt Ion: 91 Resp: 962645
Ion Ratio Lower Upper
91 100
126 17.8 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 736.88 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.012 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 105 Resp: 8331777
Ion Ratio Lower Upper
105 100
120 58.4 23.9 71.7

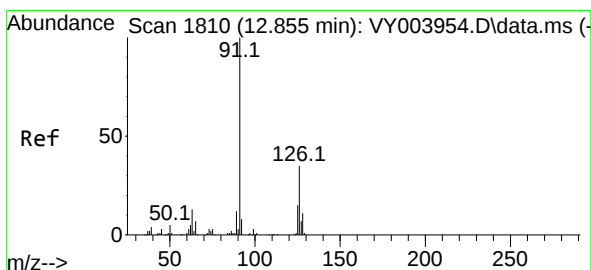
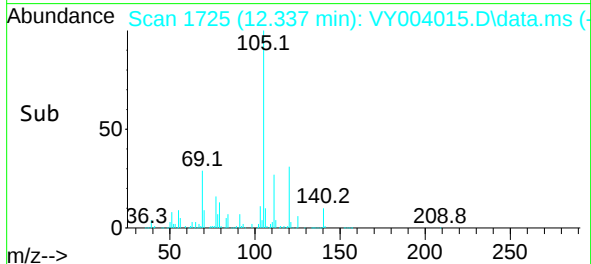
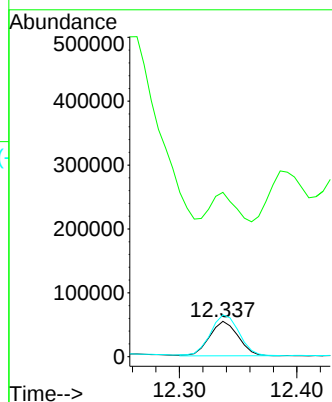
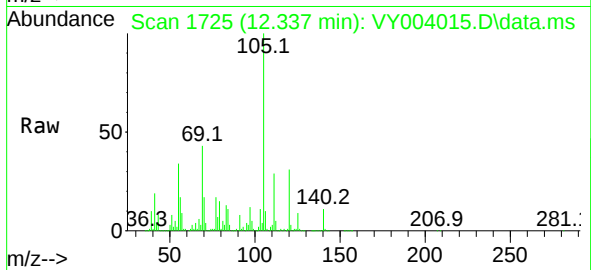




#81
trans-1,4-Dichloro-2-butene
Concen: 93.68 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.043 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

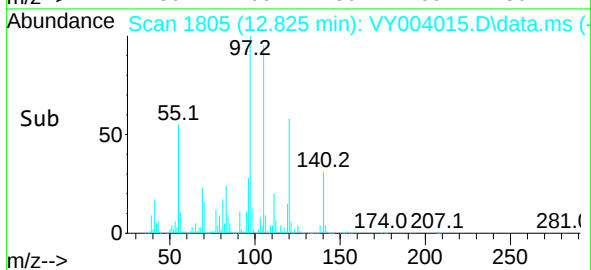
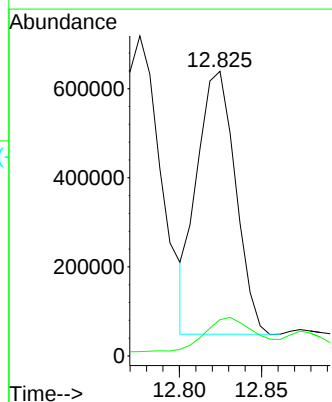
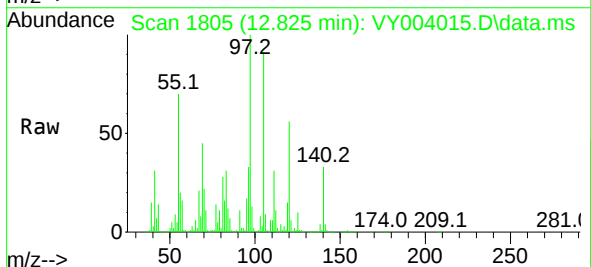
Instrument :
MSVOA_Y
ClientSampleId :

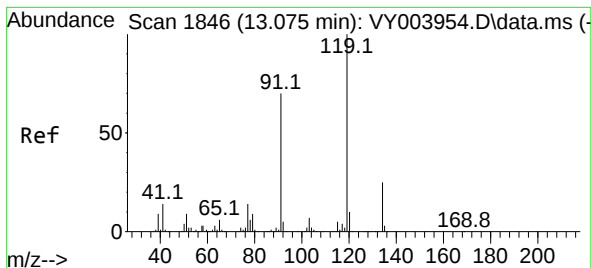
Tgt Ion: 75 Resp: 90901
Ion Ratio Lower Upper
75 100
53 65.7 78.2 117.2#
89 120.2 34.8 52.2#



#82
4-Chlorotoluene
Concen: 101.37 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.030 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 91 Resp: 962645
Ion Ratio Lower Upper
91 100
126 17.8 16.9 50.6

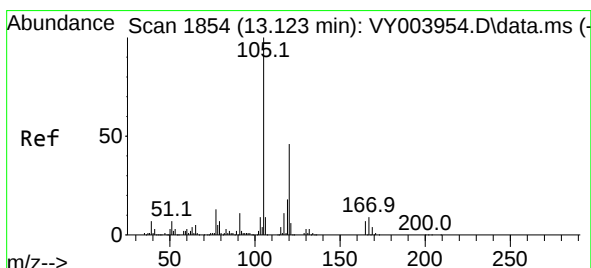
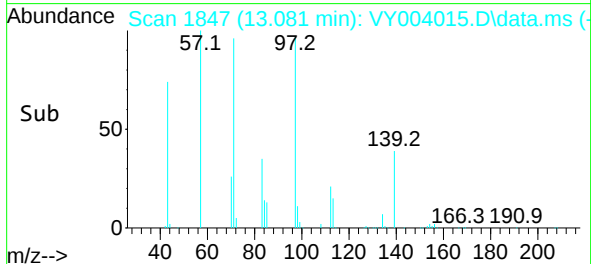
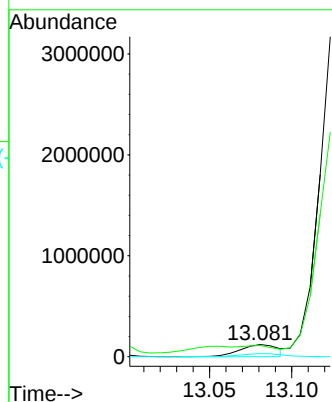
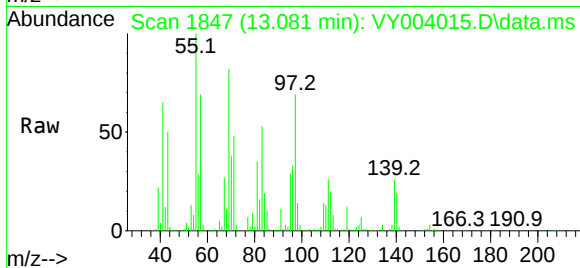




#83
tert-Butylbenzene
Concen: 20.24 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

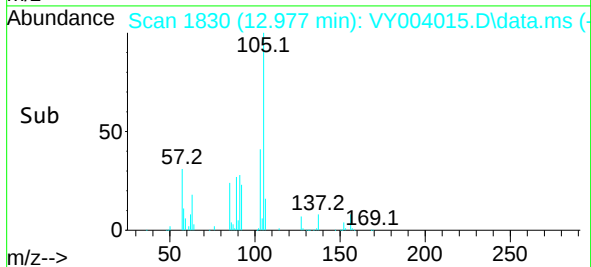
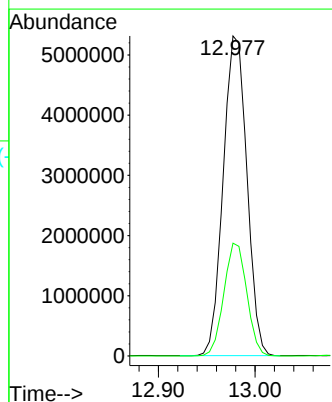
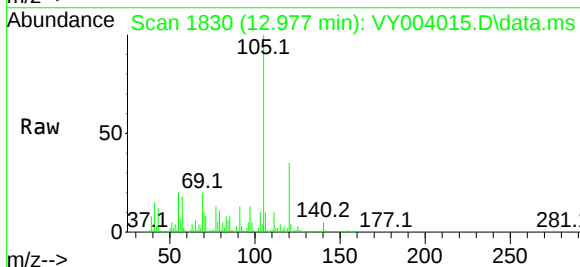
Instrument :
MSVOA_Y
ClientSampleId :

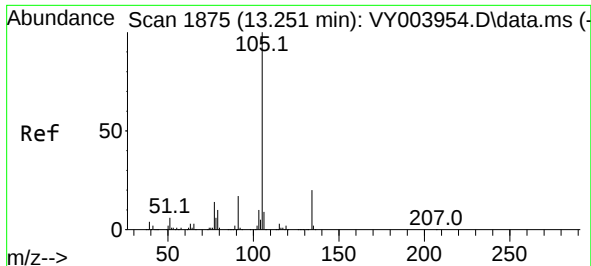
Tgt Ion:119 Resp: 190254
Ion Ratio Lower Upper
119 100
91 0.0 35.1 105.3#
134 0.0 13.2 39.5#



#84
1,2,4-Trimethylbenzene
Concen: 796.47 ug/l
RT: 12.977 min Scan# 1830
Delta R.T. -0.146 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:105 Resp: 9027012
Ion Ratio Lower Upper
105 100
120 34.1 22.2 66.6

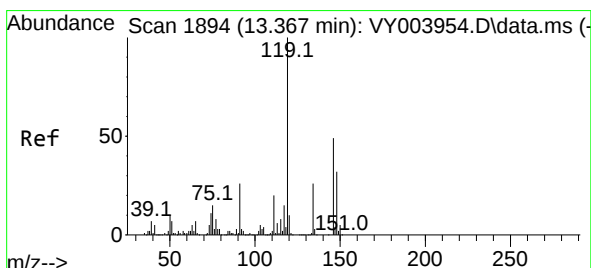
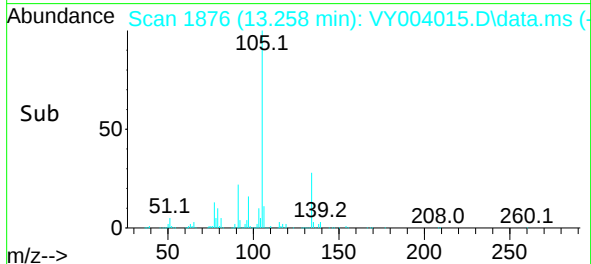
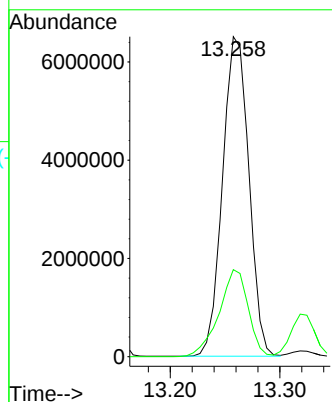
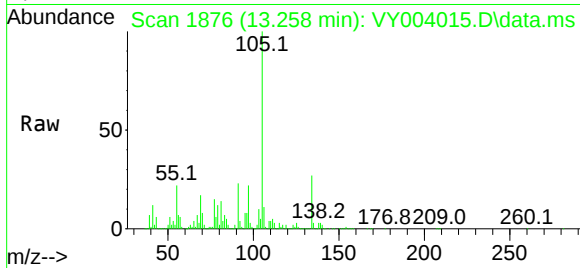




#85
 sec-Butylbenzene
 Concen: 834.03 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY004015.D
 Acq: 11 Feb 2021 20:40

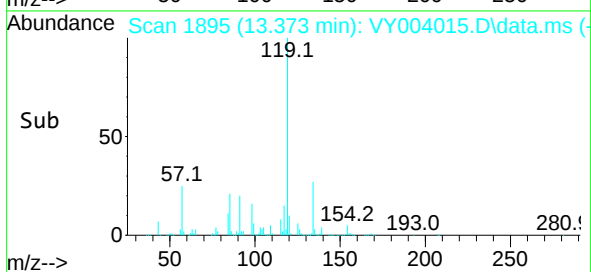
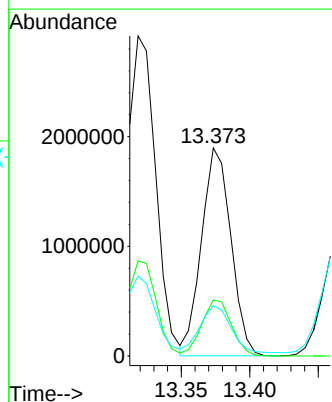
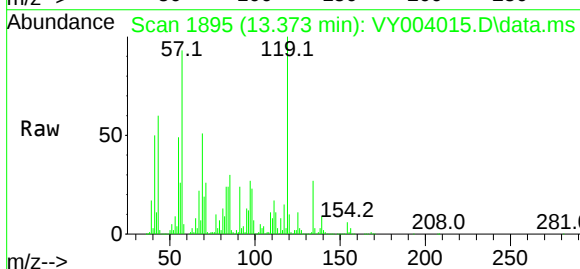
Instrument :
 MSVOA_Y
 ClientSampleId :

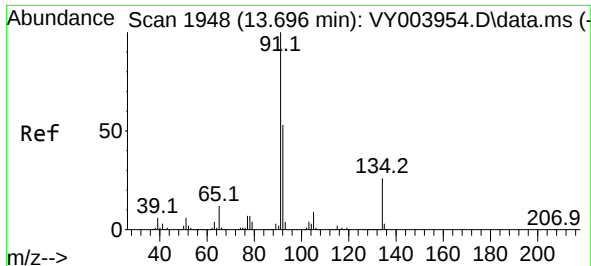
Tgt Ion:105 Resp:10865097
 Ion Ratio Lower Upper
 105 100
 134 30.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 233.10 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY004015.D
 Acq: 11 Feb 2021 20:40

Tgt Ion:119 Resp: 2832833
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 23.2 12.8 38.3

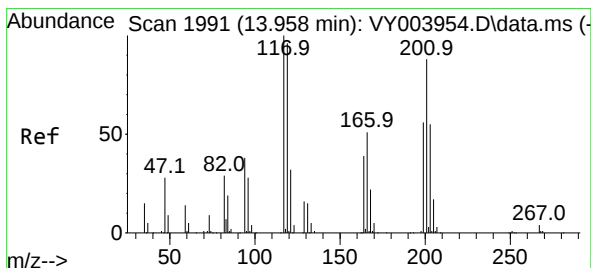
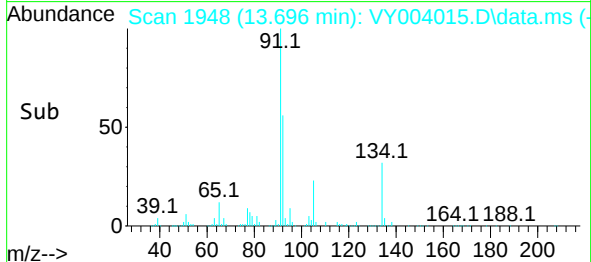
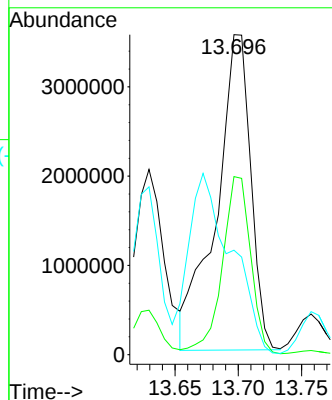
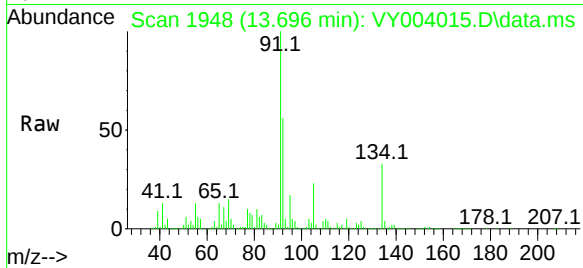




#89
n-Butylbenzene
Concen: 593.53 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

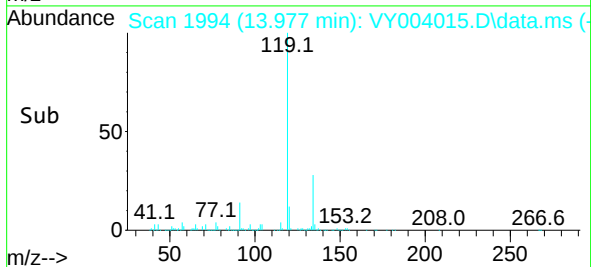
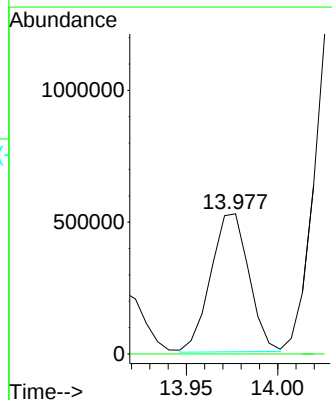
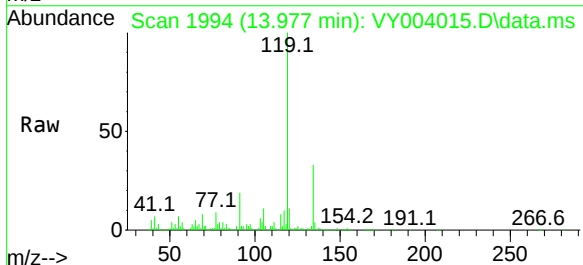
Instrument :
MSVOA_Y
ClientSampleId :

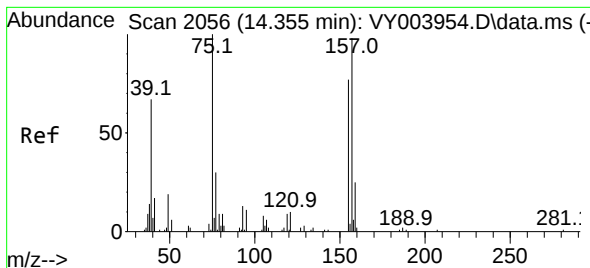
Tgt Ion: 91 Resp: 6696569
Ion Ratio Lower Upper
91 100
92 46.3 26.4 79.2
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 342.58 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 117 Resp: 762176
Ion Ratio Lower Upper
117 100
201 0.0 45.5 136.5#

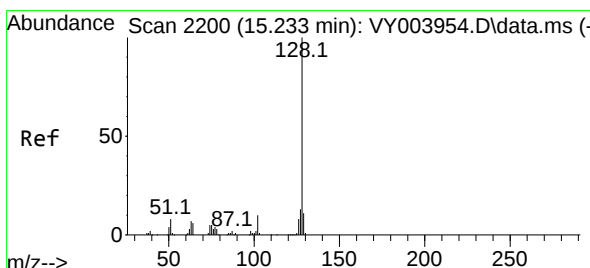
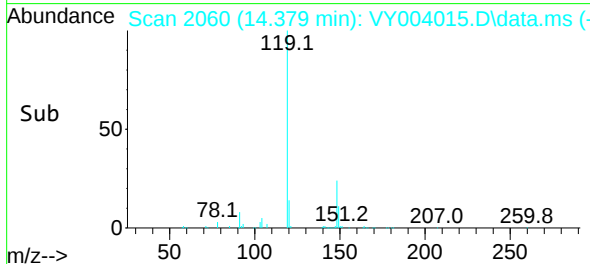
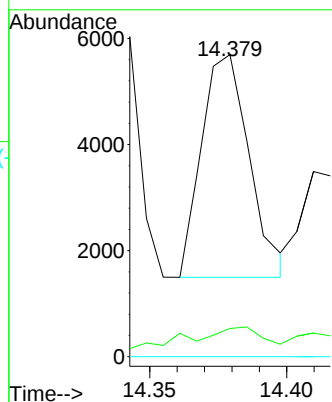
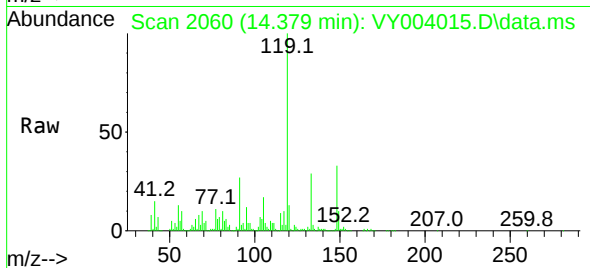




#92
1,2-Dibromo-3-Chloropropane
Concen: 10.32 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.025 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5085
Ion Ratio Lower Upper
75 100
155 13.9 37.6 112.9#
157 0.0 50.4 151.2#



#95
Naphthalene
Concen: 45.64 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 128 Resp: 325118
Ion Ratio Lower Upper
128 100
127 13.5 11.4 17.0
129 11.2 8.6 12.8

