

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004784.D
 Acq On : 14 May 2021 15:45
 Operator : SY/MD
 Sample : M2392-07
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 03:58:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	119586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	198018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	66854	46.97	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.94%
35) Dibromofluoromethane	7.728	113	58183	52.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.56%
50) Toluene-d8	10.185	98	342691	68.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	137.62%
62) 4-Bromofluorobenzene	12.483	95	132553	78.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	157.72%#

Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	2040	14.26	ug/l #	71
13) Acrolein	3.954	56	2661	15.82	ug/l	88
14) Allyl chloride	4.570	41	4159	1.80	ug/l #	43
15) Acrylonitrile	5.240	53	10379	27.19	ug/l #	41
16) Acetone	3.954	43	22625	70.77	ug/l #	86
20) Methylene Chloride	4.734	84	26207	11.03	ug/l	93
25) 2-Butanone	7.002	43	7188	12.65	ug/l #	68
26) 2,2-Dichloropropane	6.807	77	3309	1.52	ug/l #	54
29) Tetrahydrofuran	7.374	42	587	1.62	ug/l #	39
30) Chloroform	7.472	83	8675	3.52	ug/l #	18
31) Cyclohexane	7.789	56	396026	171.88	ug/l	95
37) Ethyl Acetate	7.094	43	1996	1.41	ug/l #	86
38) Carbon Tetrachloride	7.795	117	12383	6.68	ug/l #	16
39) Methylcyclohexane	9.191	83	1508815	670.40	ug/l	99
41) Methacrylonitrile	7.362	41	3594	4.65	ug/l #	100
43) Isopropyl Acetate	8.270	43	92630	35.28	ug/l #	57
45) 1,2-Dichloropropane	9.185	63	16713	10.95	ug/l #	1
47) Bromodichloromethane	9.465	83	22253	11.05	ug/l #	41
48) Methyl methacrylate	9.246	41	69716	58.35	ug/l #	37
51) 4-Methyl-2-Pentanone	10.118	43	43581	30.85	ug/l #	76
55) 1,1,2-Trichloroethane	10.624	97	258722	221.48	ug/l #	20
56) Ethyl methacrylate	10.526	69	96592	57.18	ug/l #	4
58) 2-Chloroethyl Vinyl ether	9.770	63	1841	2.11	ug/l #	49
59) 2-Hexanone	10.807	43	365923	382.28	ug/l #	32
61) 1,2-Dibromoethane	11.069	107	1199	1.06	ug/l #	1
65) Chlorobenzene	11.623	112	10201	2.50	ug/l #	43
67) Ethyl Benzene	11.599	91	54428	7.19	ug/l	100
68) m/p-Xylenes	11.709	106	20155	7.08	ug/l	86
69) o-Xylene	12.026	106	8085	3.04	ug/l	77
73) Isopropylbenzene	12.331	105	43211	5.49	ug/l	99
74) N-amyl acetate	12.123	43	338595	121.60	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.556	83	29263	18.62	ug/l #	88
76) 1,2,3-Trichloropropane	12.483	75	49985	45.08	ug/l #	100
78) n-propylbenzene	12.672	91	86328	8.98	ug/l	96
79) 2-Chlorotoluene	12.971	91	18925	3.59	ug/l	78
80) 1,3,5-Trimethylbenzene	12.812	105	27134	4.15	ug/l	98

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

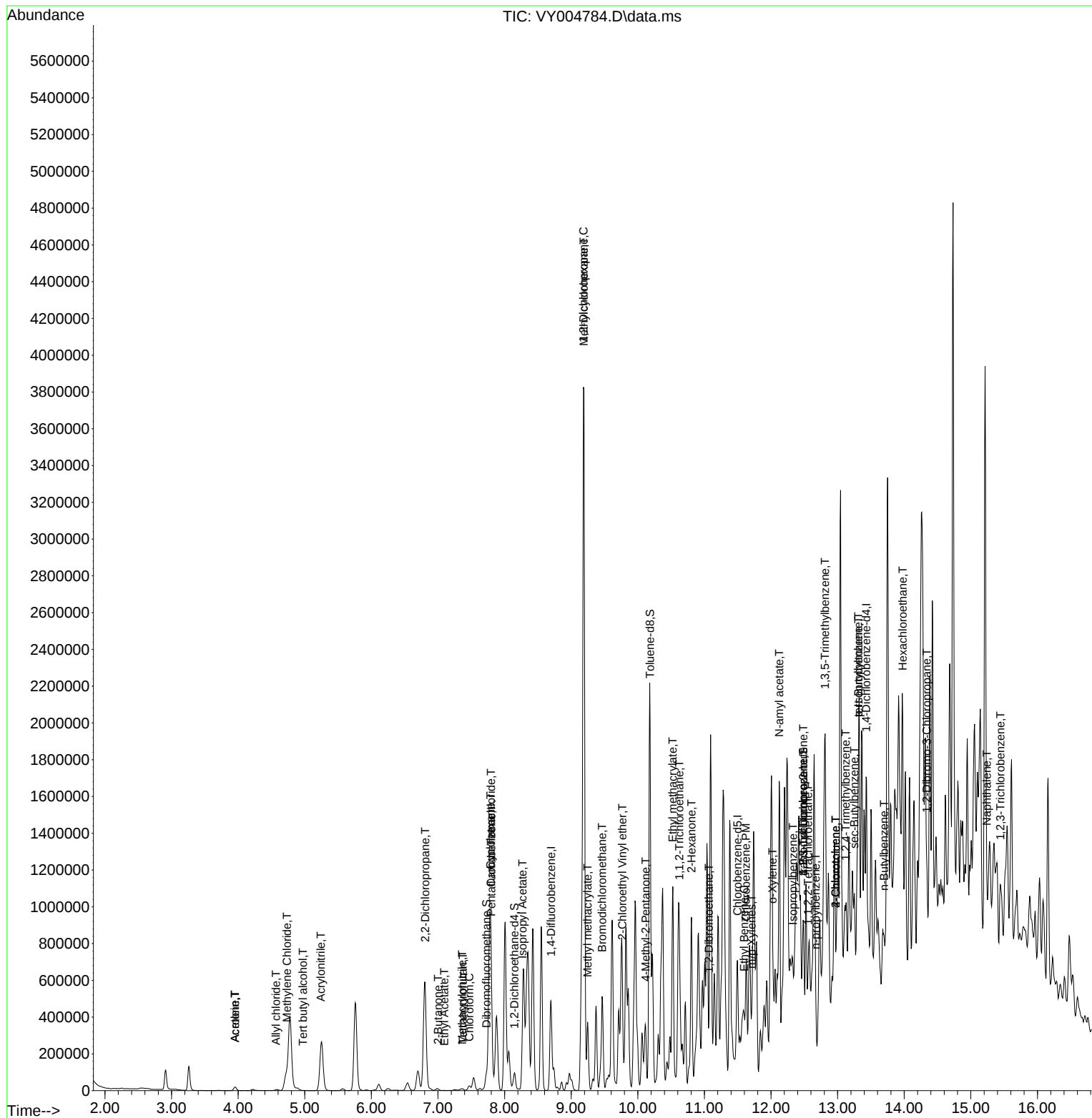
81) trans-1,4-Dichloro-2-b...	12.483	75	49985	78.17	ug/l #	24
82) 4-Chlorotoluene	12.971	91	18925	3.46	ug/l	78
83) tert-Butylbenzene	13.312	119	48427	8.67	ug/l	73
84) 1,2,4-Trimethylbenzene	13.123	105	116815	17.84	ug/l	100
85) sec-Butylbenzene	13.251	105	31276	3.85	ug/l #	64
86) p-Isopropyltoluene	13.312	119	48427	6.88	ug/l	88
89) n-Butylbenzene	13.696	91	48030	6.98	ug/l #	72
90) Hexachloroethane	13.977	117	28568	28.83	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.336	75	860	2.93	ug/l #	4
95) Naphthalene	15.239	128	19632	4.58	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.446	180	4484	2.56	ug/l #	12

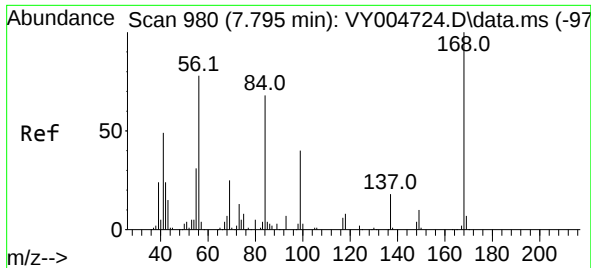
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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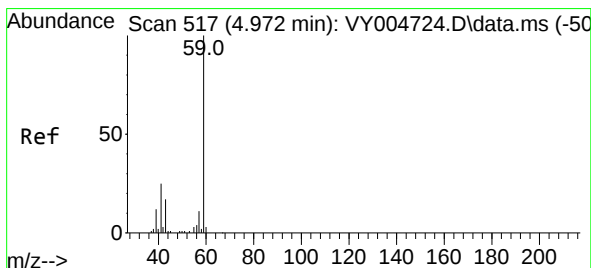
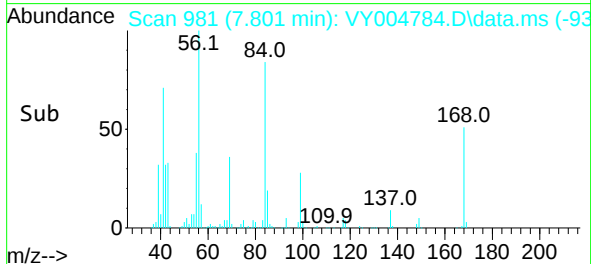
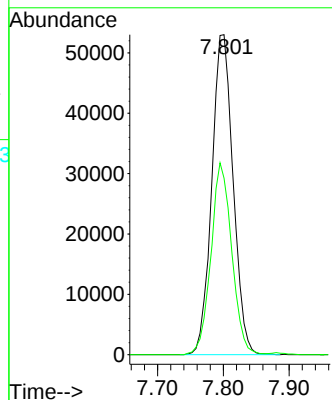
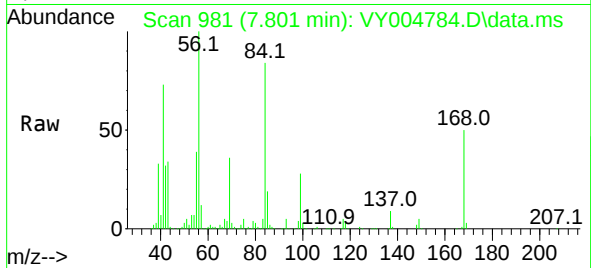




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

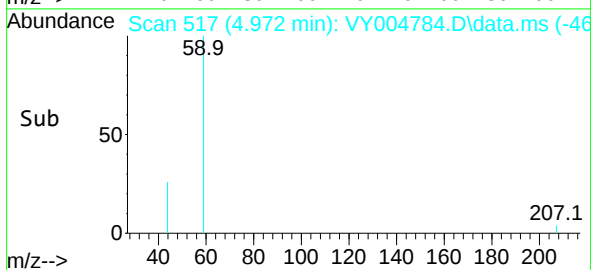
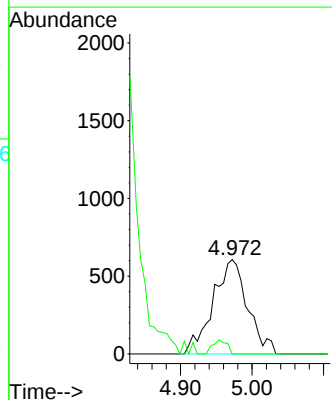
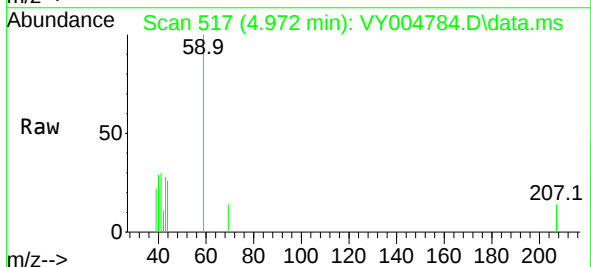
Instrument :
MSVOA_Y
ClientSampleId :

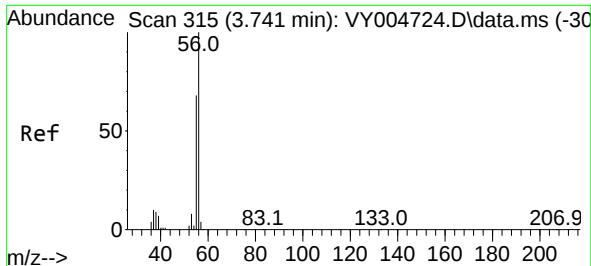
Tgt Ion:168 Resp: 119586
Ion Ratio Lower Upper
168 100
99 55.2 45.6 68.4



#11
Tert butyl alcohol
Concen: 14.26 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 59 Resp: 2040
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

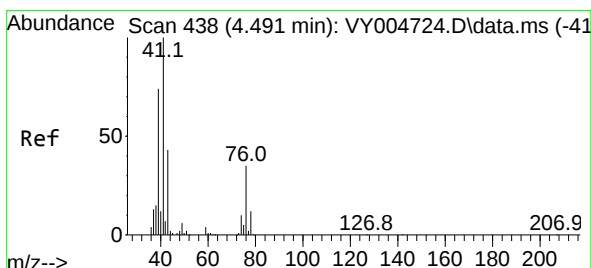
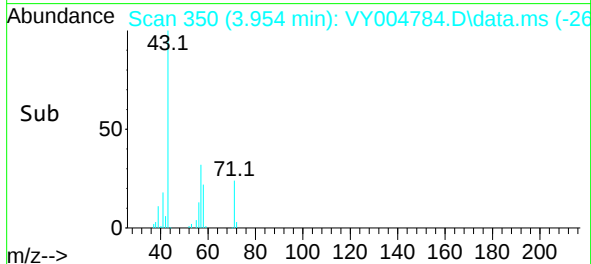
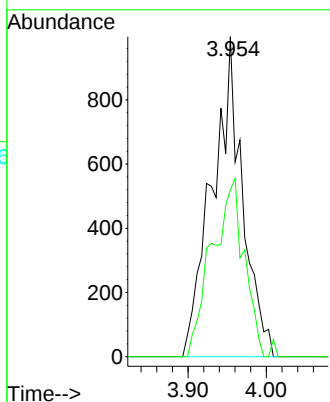
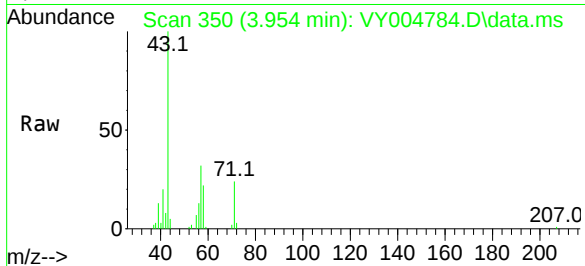




#13
Acrolein
Concen: 15.82 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.213 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

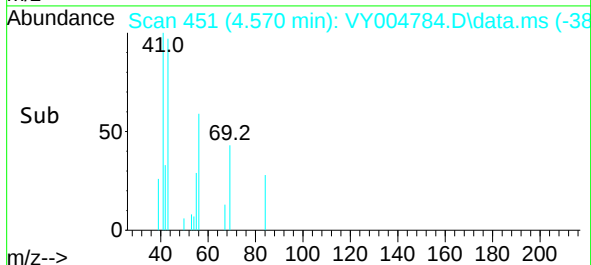
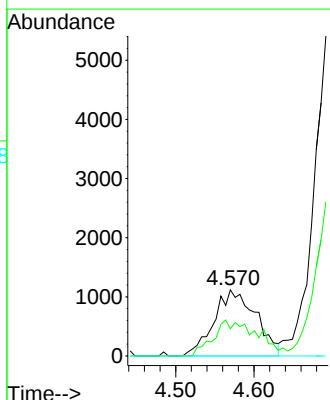
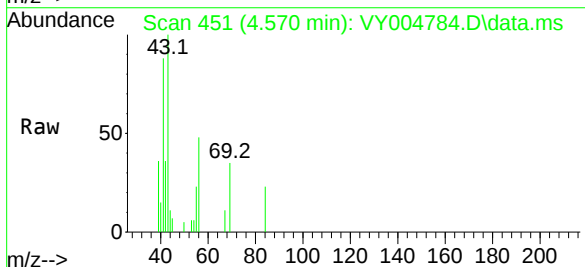
Instrument :
MSVOA_Y
ClientSampled :

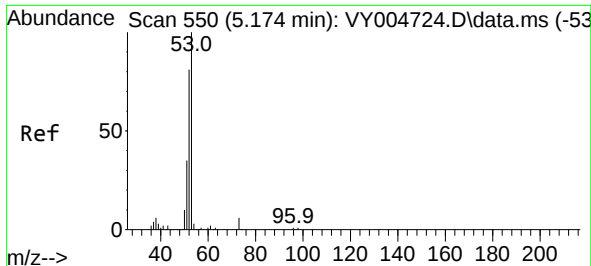
Tgt Ion: 56 Resp: 2661
Ion Ratio Lower Upper
56 100
55 59.7 55.3 82.9



#14
Allyl chloride
Concen: 1.80 ug/l
RT: 4.570 min Scan# 451
Delta R.T. 0.079 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 41 Resp: 4159
Ion Ratio Lower Upper
41 100
39 23.7 56.1 84.1#
76 0.0 26.2 39.4#

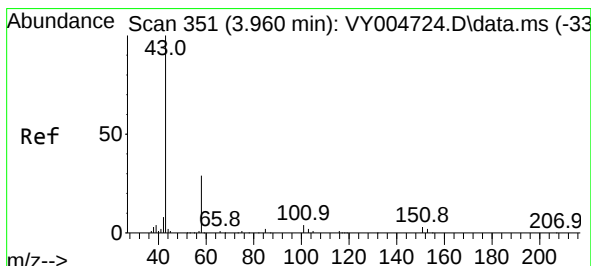
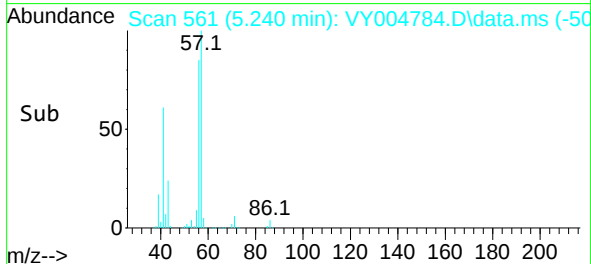
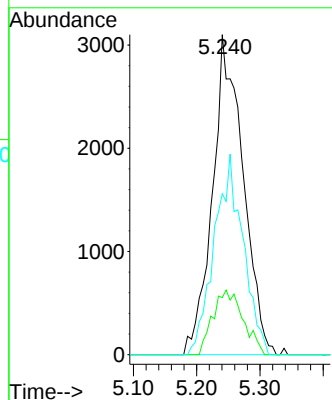
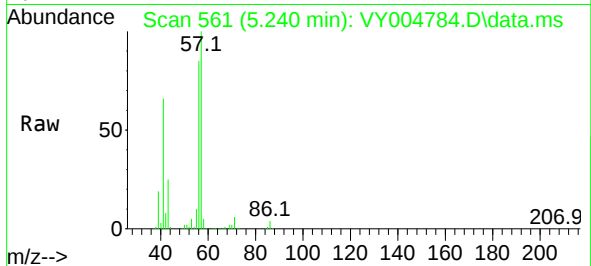




#15
Acrylonitrile
Concen: 27.19 ug/l
RT: 5.240 min Scan# 561
Delta R.T. 0.067 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

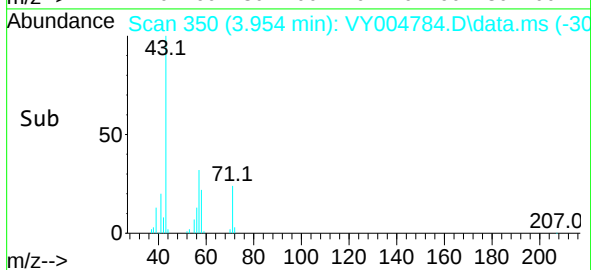
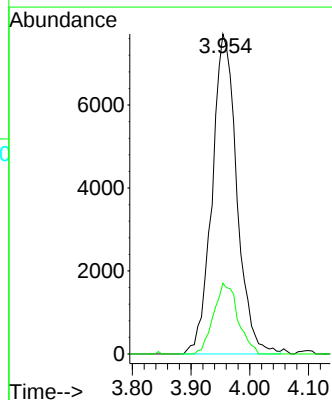
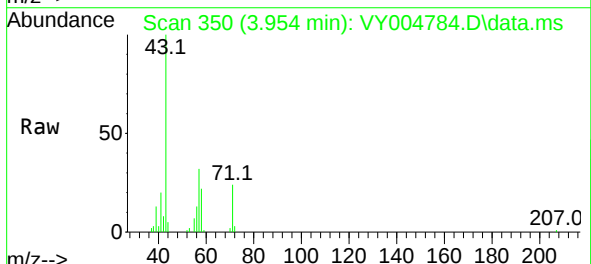
Instrument :
MSVOA_Y
ClientSampleId :

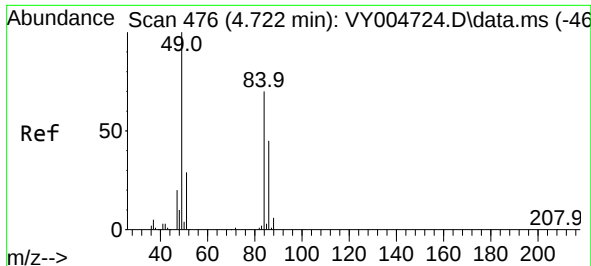
Tgt Ion: 53 Resp: 10379
Ion Ratio Lower Upper
53 100
52 20.0 65.0 97.6#
51 59.0 29.3 43.9#



#16
Acetone
Concen: 70.77 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 43 Resp: 22625
Ion Ratio Lower Upper
43 100
58 22.1 23.6 35.4#





#20

Methylene Chloride

Concen: 11.03 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY004784.D

Acq: 14 May 2021 15:45

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 26207

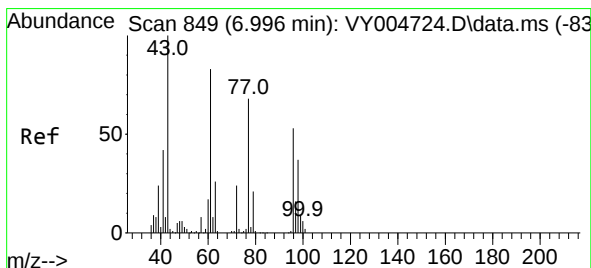
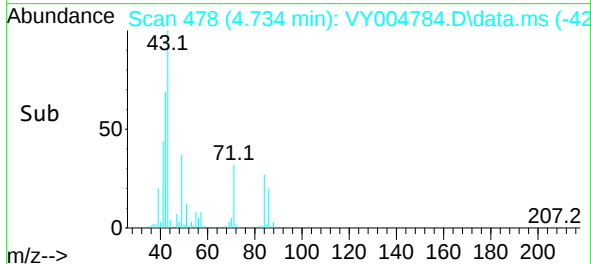
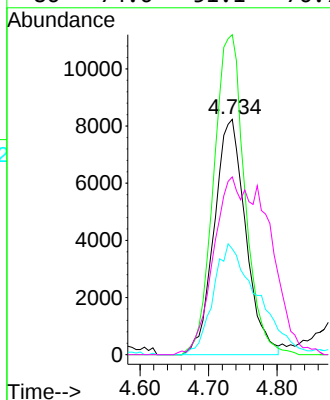
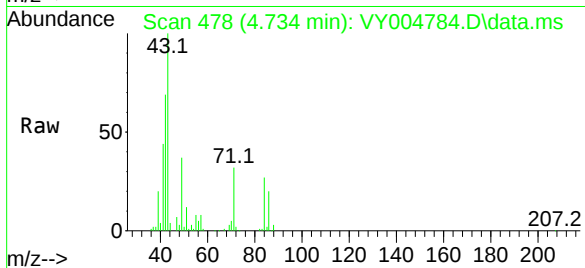
Ion Ratio Lower Upper

84 100

49 135.9 113.8 170.8

51 44.9 33.5 50.3

86 74.6 51.1 76.7



#25

2-Butanone

Concen: 12.65 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004784.D

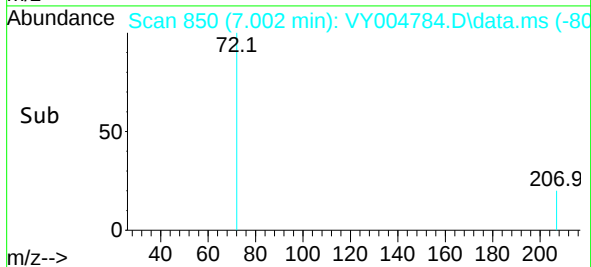
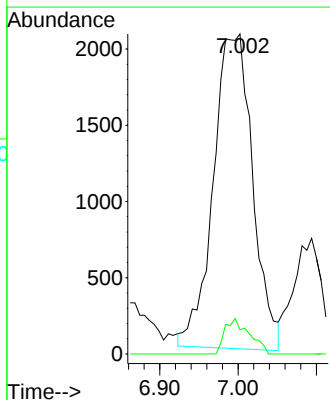
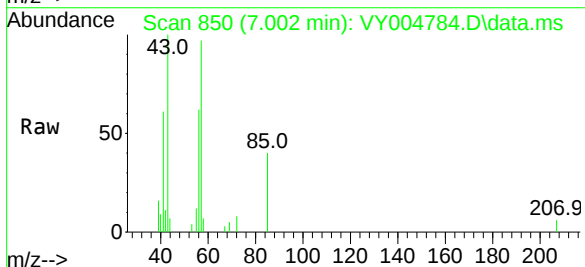
Acq: 14 May 2021 15:45

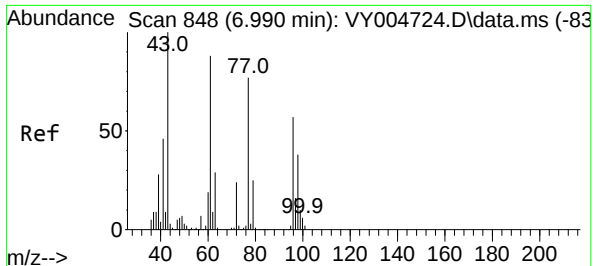
Tgt Ion: 43 Resp: 7188

Ion Ratio Lower Upper

43 100

72 8.1 19.4 29.0#

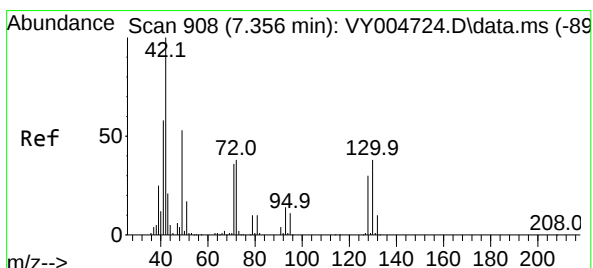
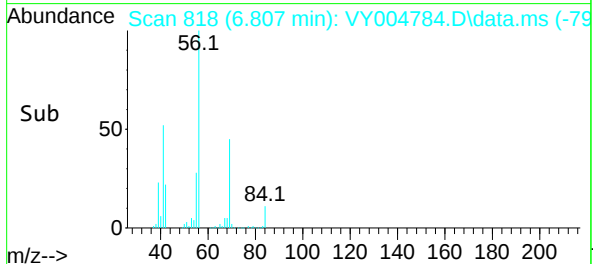
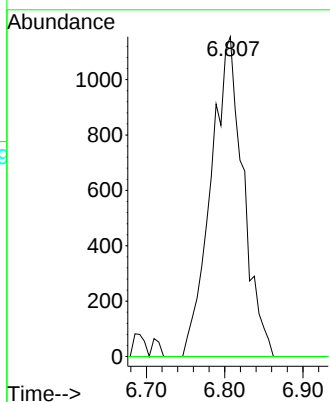
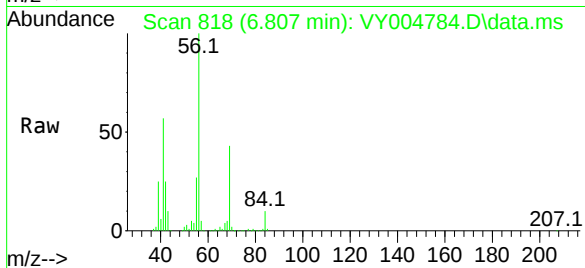




#26
2,2-Dichloropropane
Concen: 1.52 ug/l
RT: 6.807 min Scan# 818
Delta R.T. -0.183 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

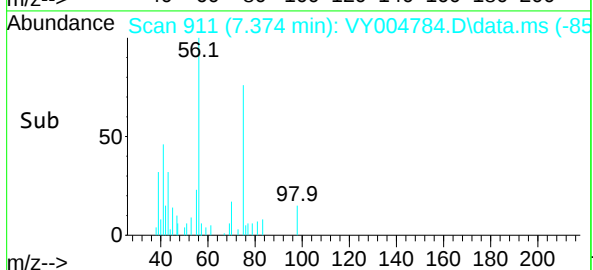
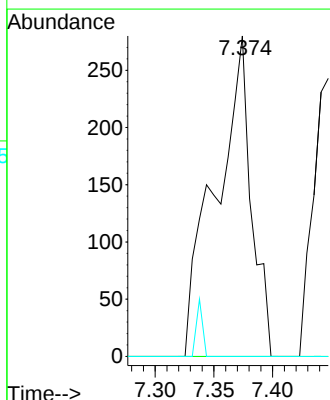
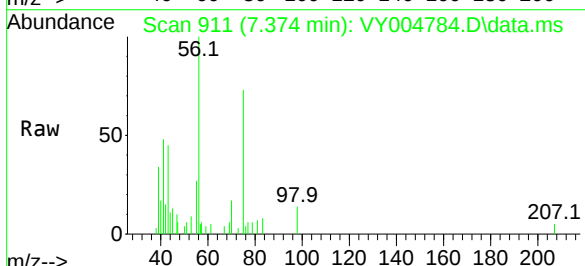
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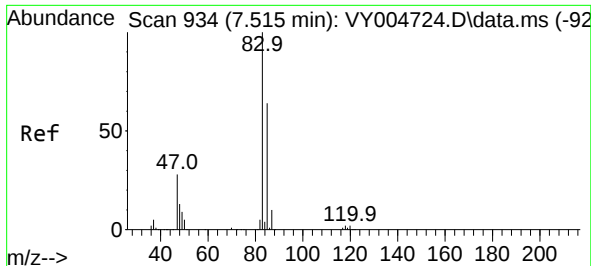
Tgt Ion: 77 Resp: 3309
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#29
Tetrahydrofuran
Concen: 1.62 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 42 Resp: 587
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0#
71 0.0 28.0 42.0#

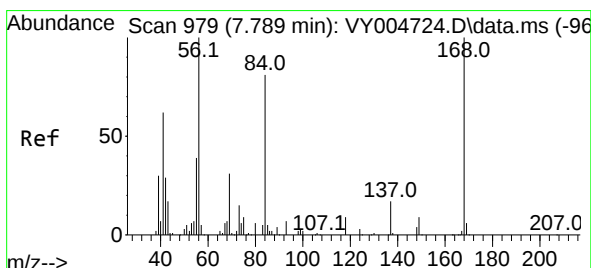
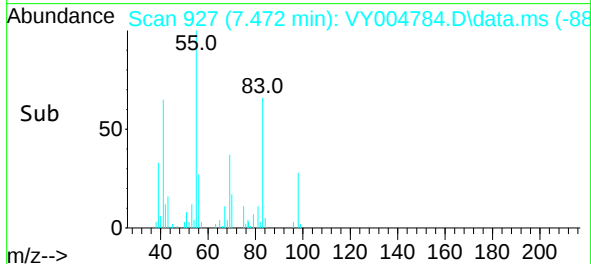
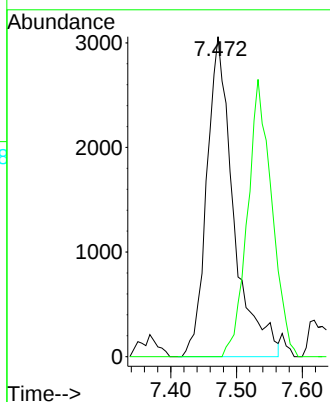
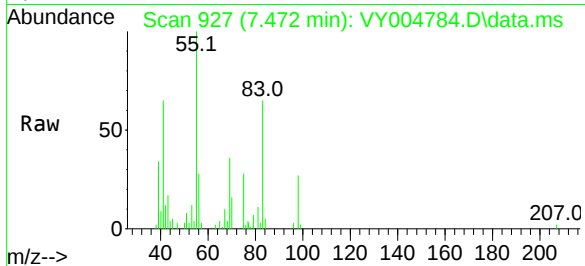




#30
Chloroform
Concen: 3.52 ug/l
RT: 7.472 min Scan# 927
Delta R.T. -0.043 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

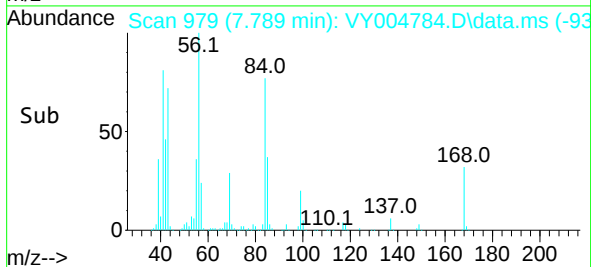
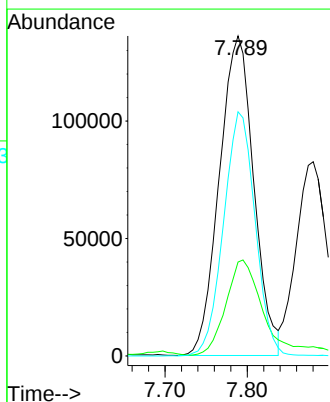
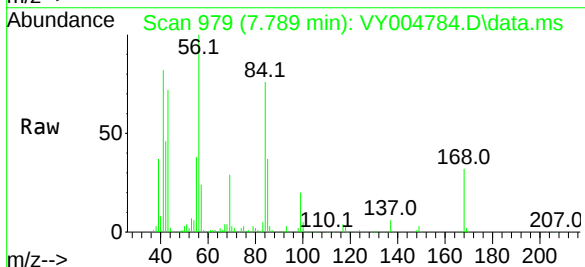
Instrument :
MSVOA_Y
ClientSampled :

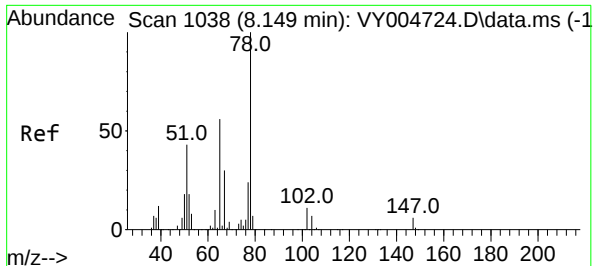
Tgt Ion: 83 Resp: 8675
Ion Ratio Lower Upper
83 100
85 0.0 51.3 76.9#



#31
Cyclohexane
Concen: 171.88 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 56 Resp: 396026
Ion Ratio Lower Upper
56 100
69 28.7 24.4 36.6
84 76.4 64.8 97.2

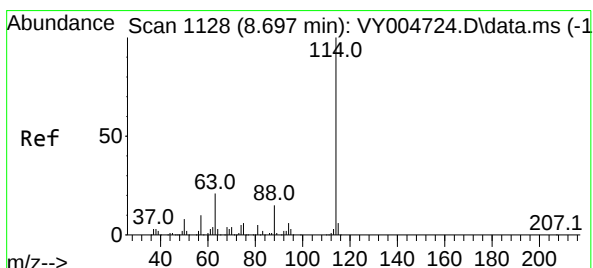
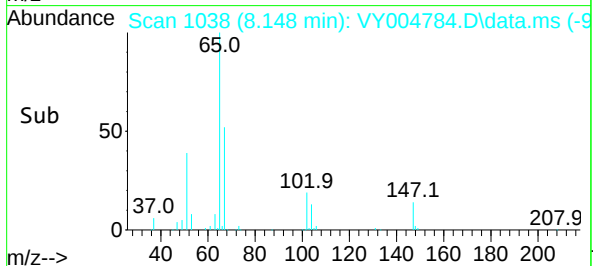
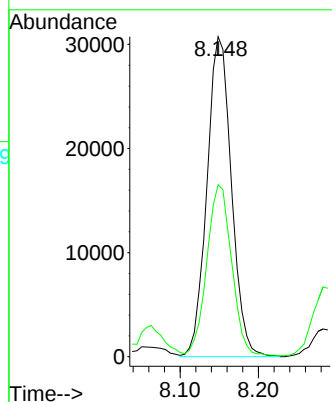
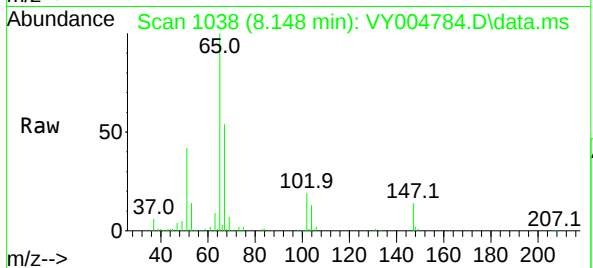




#33
1,2-Dichloroethane-d4
Concen: 46.97 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

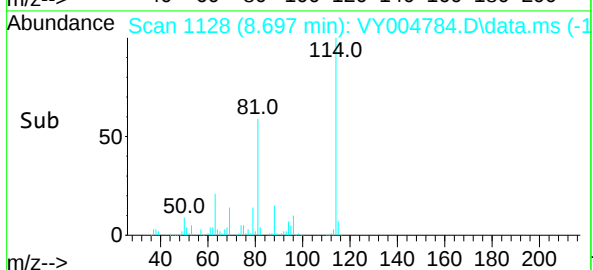
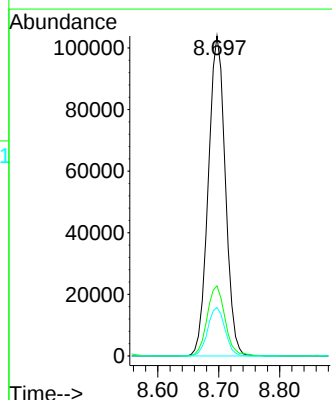
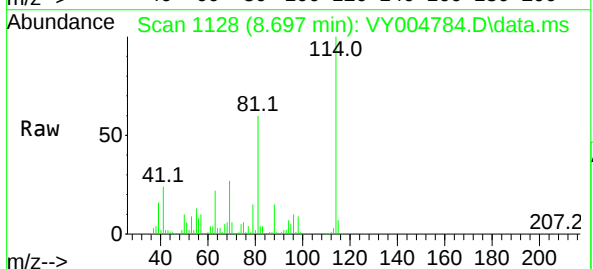
Instrument :
MSVOA_Y
ClientSampleId :

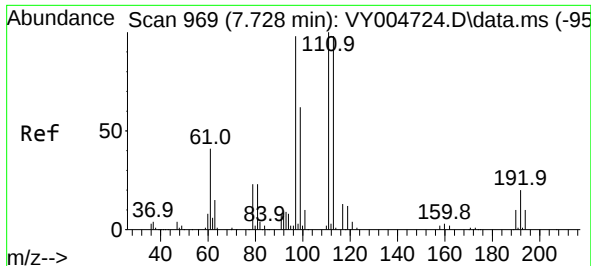
Tgt Ion: 65 Resp: 66854
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 114 Resp: 201380
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.8
88 15.2 0.0 31.0

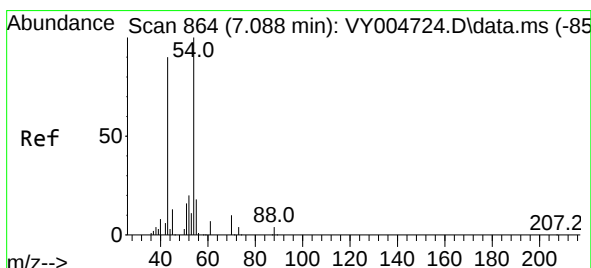
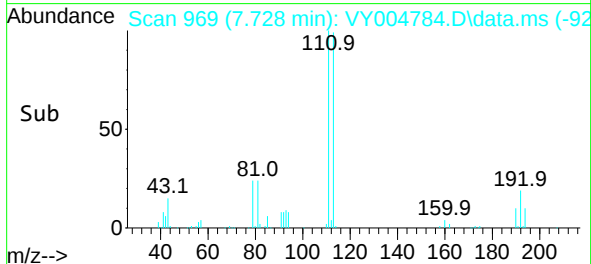
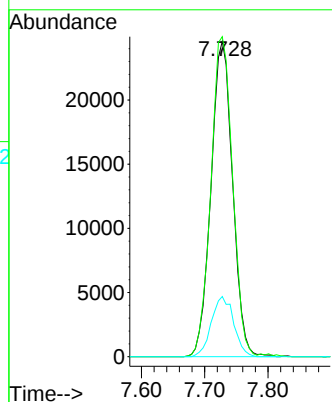
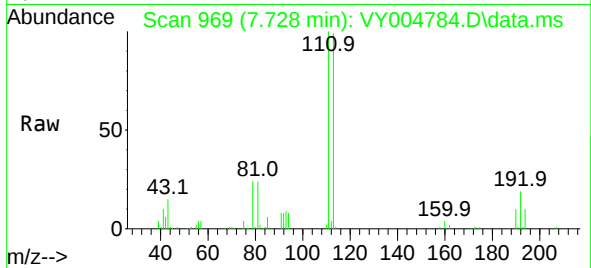




#35
Dibromofluoromethane
Concen: 52.78 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

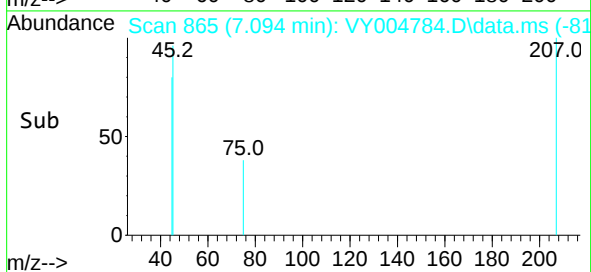
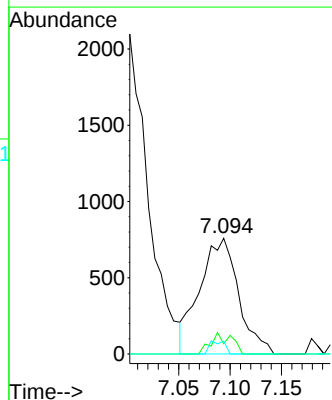
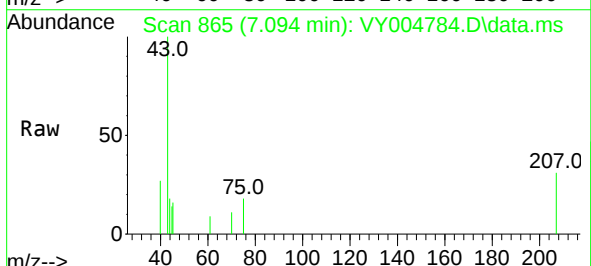
Instrument :
MSVOA_Y
ClientSampleId :

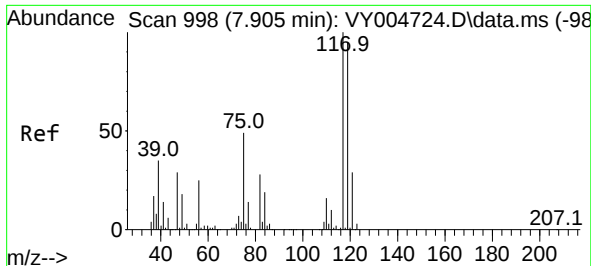
Tgt Ion:113 Resp: 58183
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 19.7 15.0 22.6



#37
Ethyl Acetate
Concen: 1.41 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
61 9.7 9.9 14.9#
70 0.0 6.7 10.1#

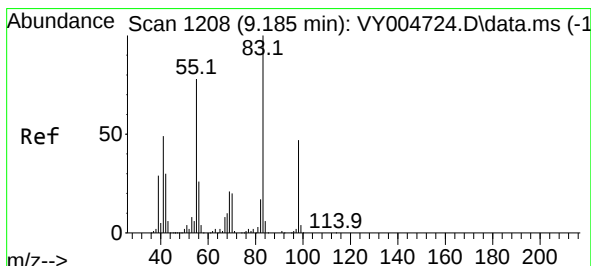
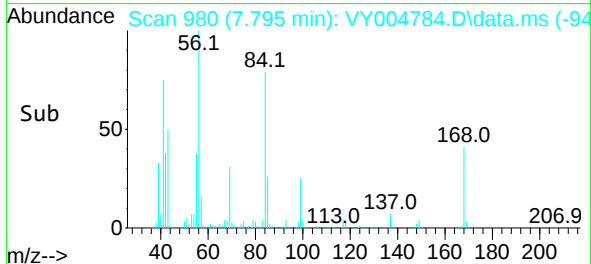
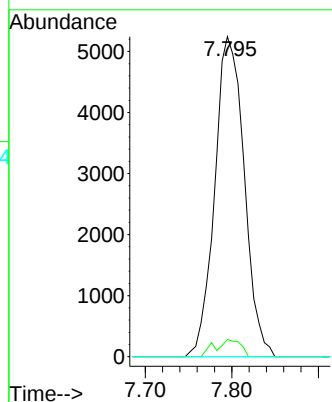
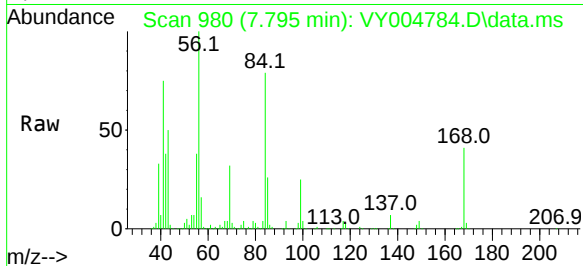




#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

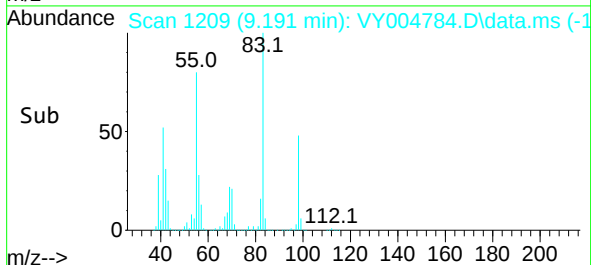
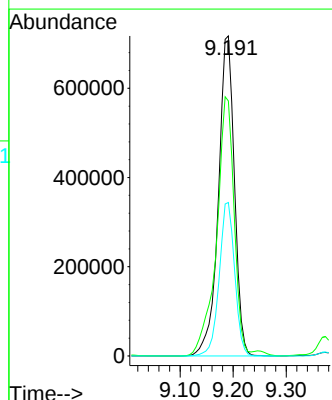
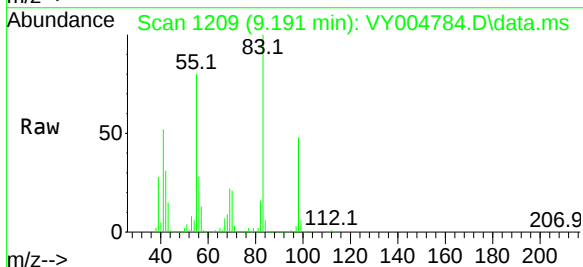
Instrument :
MSVOA_Y
ClientSampleId :

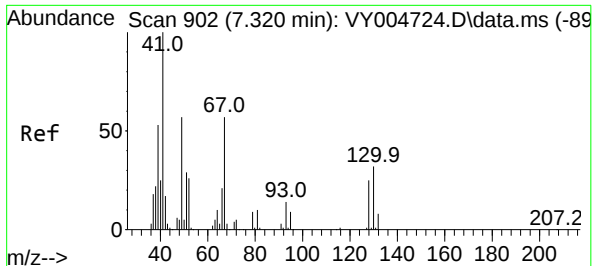
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.3	114.5#
121	0.0	23.0	34.6#



#39
Methylcyclohexane
Concen: 670.40 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

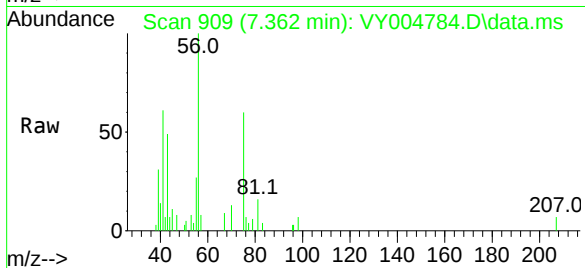
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.7	62.6	94.0
98	47.9	37.8	56.6



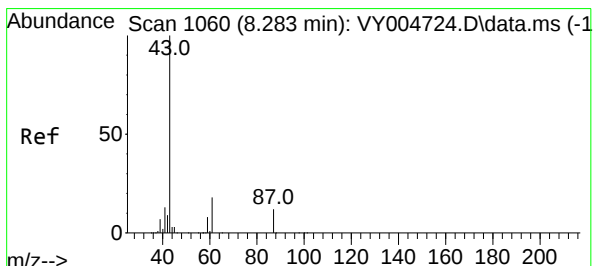
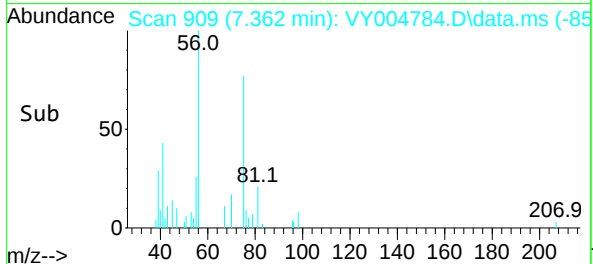
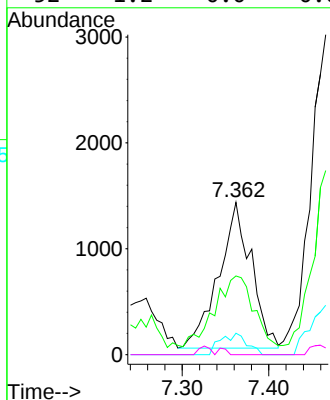


#41
Methacrylonitrile
Concen: 4.65 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Instrument :
MSVOA_Y
ClientSampled :

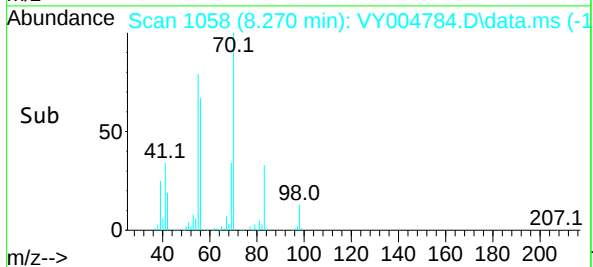
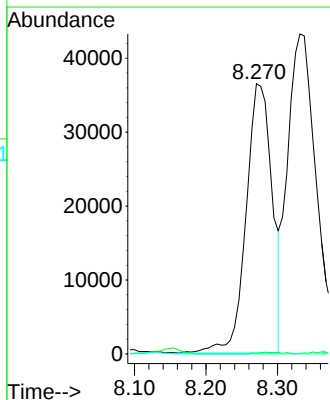
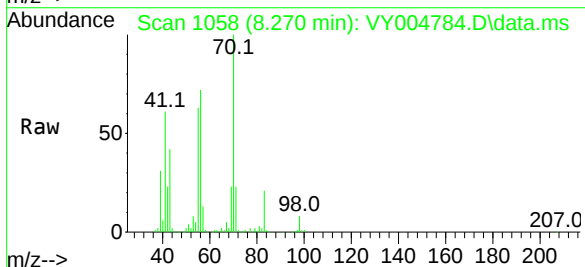


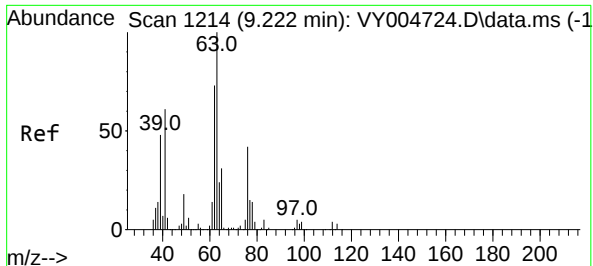
Tgt Ion:	41	Resp:	3594
Ion	Ratio	Lower	Upper
41	100		
39	62.5	0.0	0.0#
67	0.0	0.0	0.0
52	1.2	0.0	0.0#



#43
Isopropyl Acetate
Concen: 35.28 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion:	43	Resp:	92630
Ion	Ratio	Lower	Upper
43	100		
61	0.6	20.3	30.5#
87	0.0	9.2	13.8#



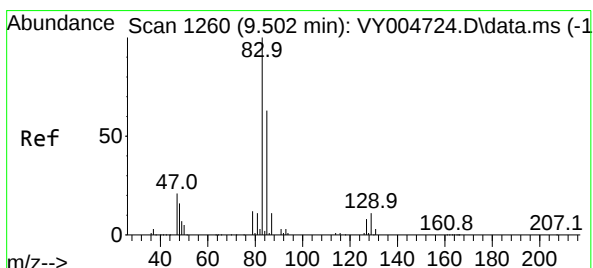
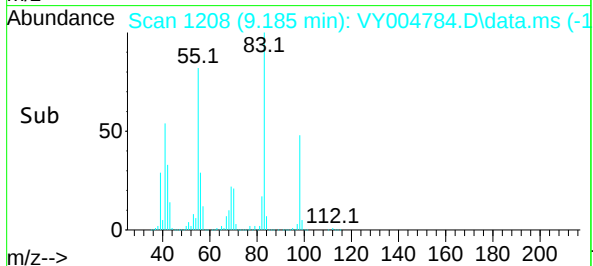
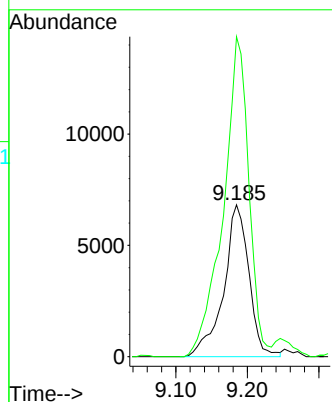
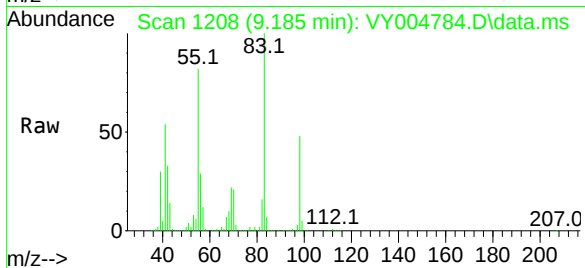


#45

1,2-Dichloropropane
Concen: 10.95 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.037 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Instrument :
MSVOA_Y
ClientSampled :

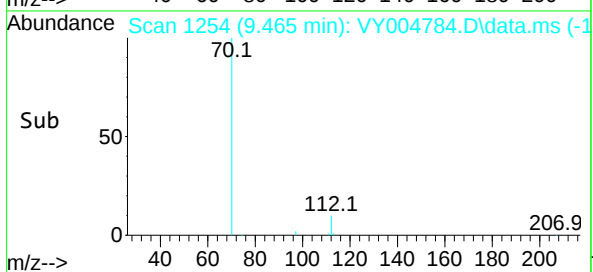
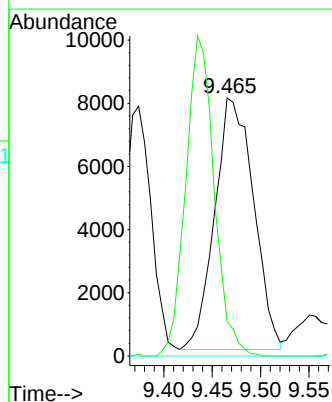
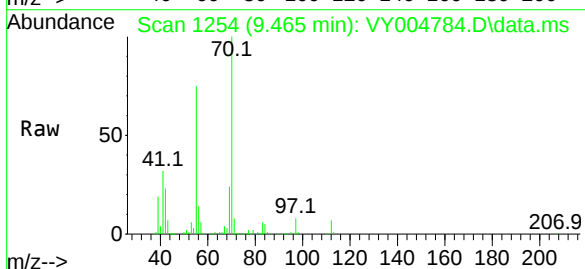
Tgt Ion: 63 Resp: 16713
Ion Ratio Lower Upper
63 100
65 210.7 25.0 37.4#

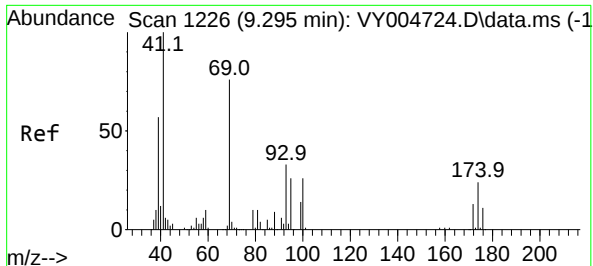


#47

Bromodichloromethane
Concen: 11.05 ug/l
RT: 9.465 min Scan# 1254
Delta R.T. -0.037 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 83 Resp: 22253
Ion Ratio Lower Upper
83 100
85 13.7 50.4 75.6#
127 0.0 6.6 9.8#





#48

Methyl methacrylate

Concen: 58.35 ug/l

RT: 9.246 min Scan# 1218

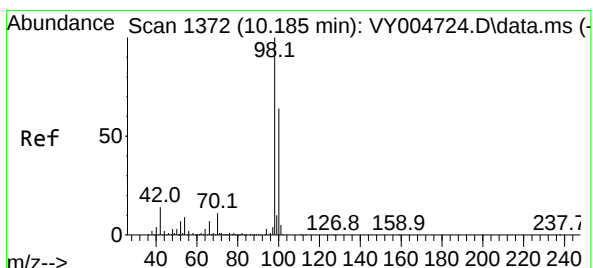
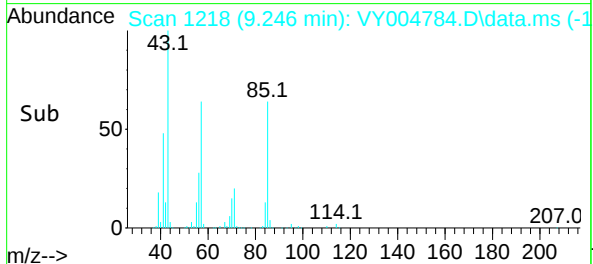
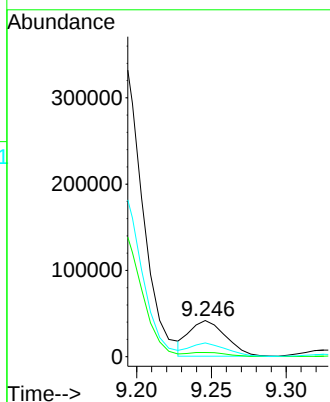
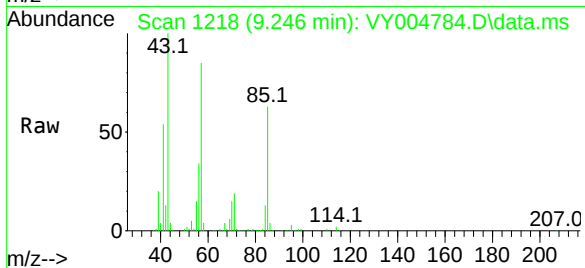
Delta R.T. -0.049 min

Lab File: VY004784.D

Acq: 14 May 2021 15:45

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	41	Resp:	69716
Ion Ratio	Lower	Upper	
41	100		
69	0.0	62.0	93.0#
39	38.1	48.4	72.6#



#50

Toluene-d8

Concen: 68.81 ug/l

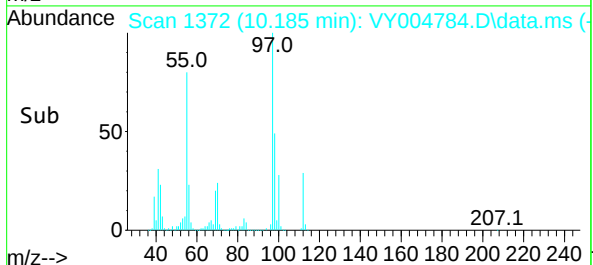
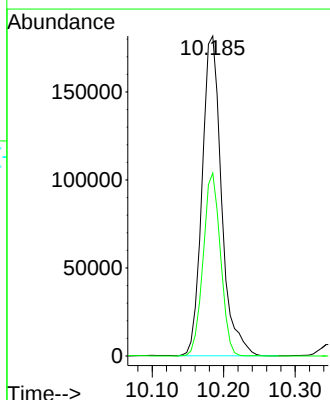
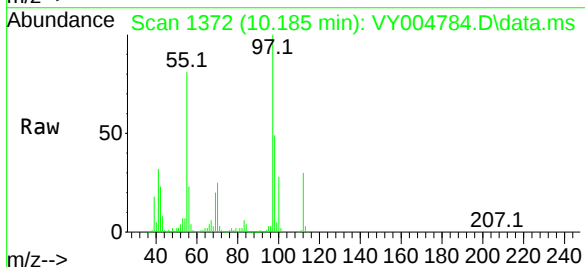
RT: 10.185 min Scan# 1372

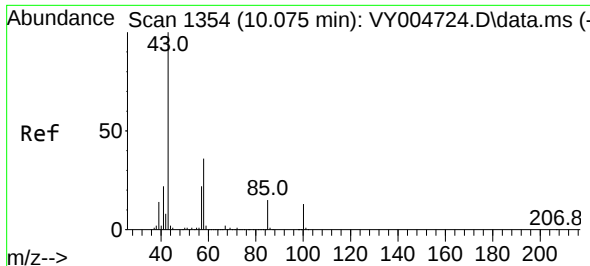
Delta R.T. -0.000 min

Lab File: VY004784.D

Acq: 14 May 2021 15:45

Tgt Ion:	98	Resp:	342691
Ion Ratio	Lower	Upper	
98	100		
100	51.0	51.5	77.3#

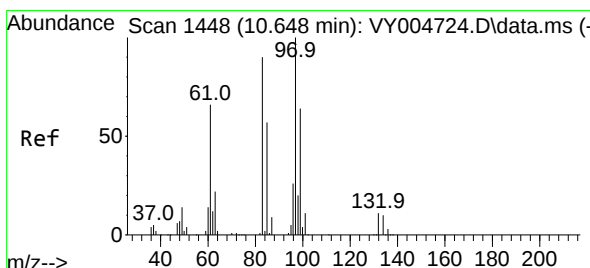
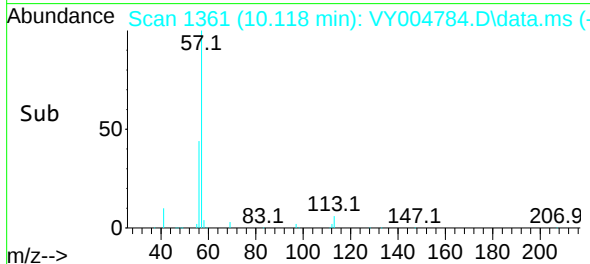
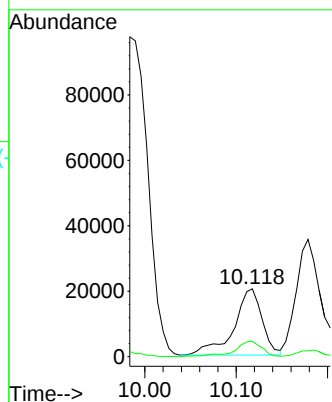
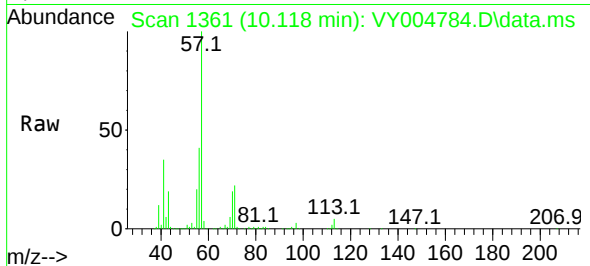




#51
4-Methyl-2-Pentanone
Concen: 30.85 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.043 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

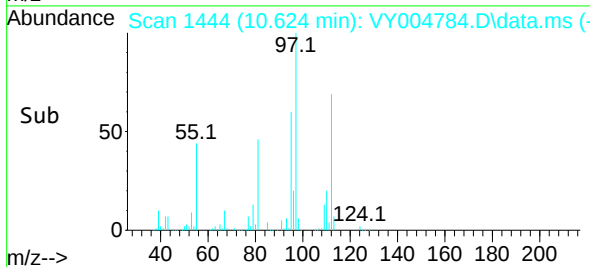
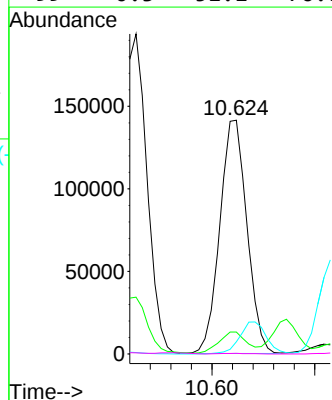
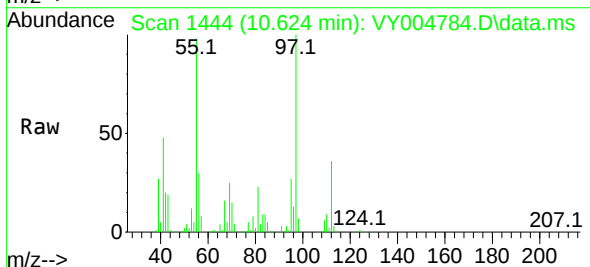
Instrument :
MSVOA_Y
ClientSampled :

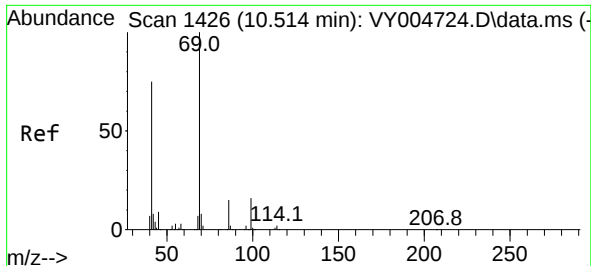
Tgt Ion: 43 Resp: 43581
Ion Ratio Lower Upper
43 100
58 21.7 28.7 43.1#



#55
1,1,2-Trichloroethane
Concen: 221.48 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.025 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 97 Resp: 258722
Ion Ratio Lower Upper
97 100
83 8.8 71.9 107.9#
85 5.2 45.8 68.6#
99 0.3 51.1 76.7#

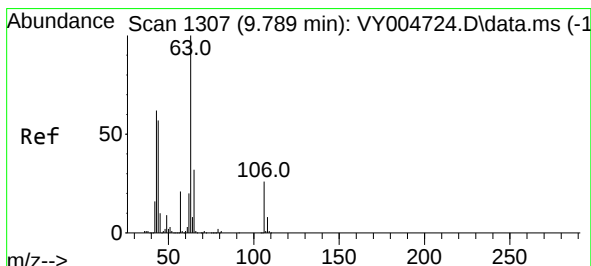
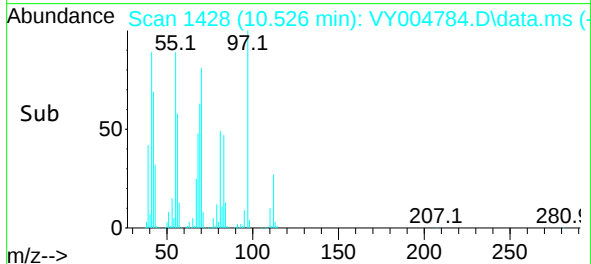
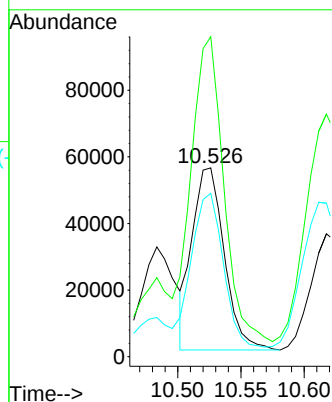
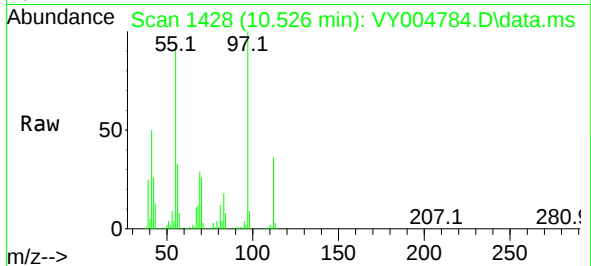




#56
Ethyl methacrylate
Concen: 57.18 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

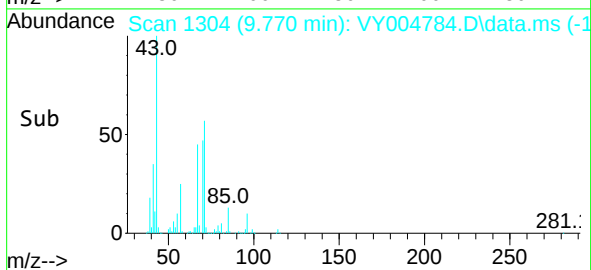
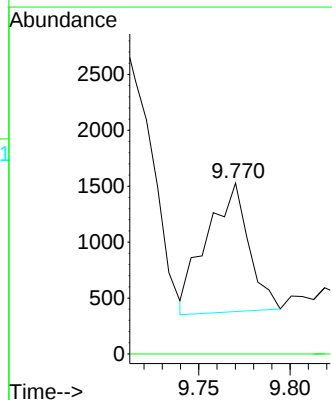
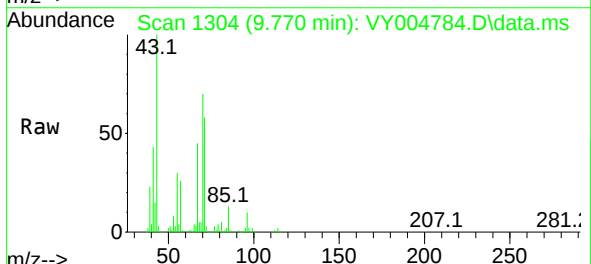
Instrument :
MSVOA_Y
ClientSampleId :

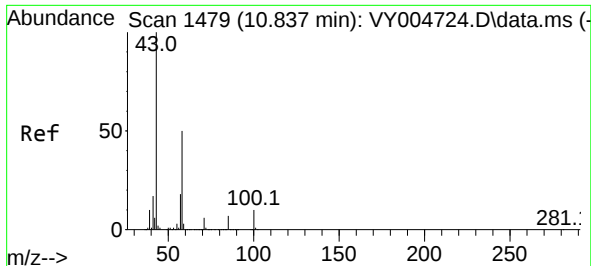
Tgt Ion: 69 Resp: 96592
Ion Ratio Lower Upper
69 100
41 168.8 60.2 90.4#
39 88.0 33.5 50.3#



#58
2-Chloroethyl Vinyl ether
Concen: 2.11 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.018 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 63 Resp: 1841
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#

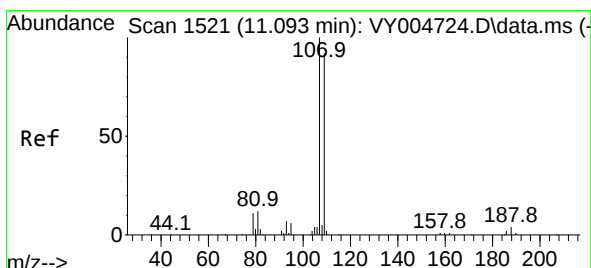
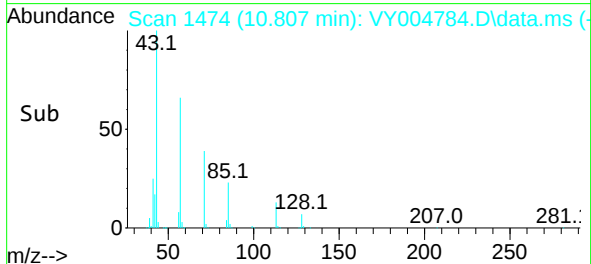
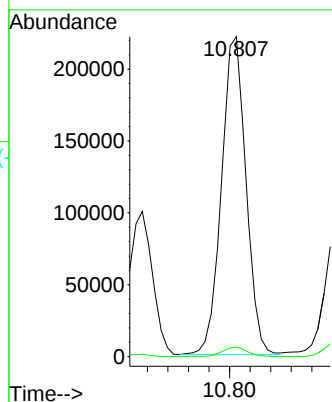
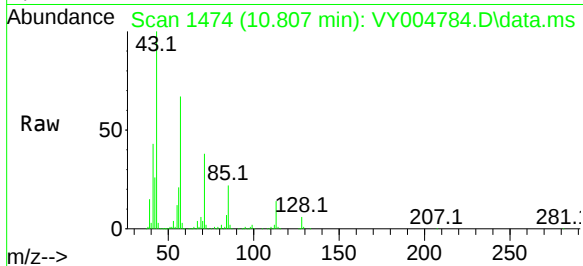




#59
2-Hexanone
Concen: 382.28 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

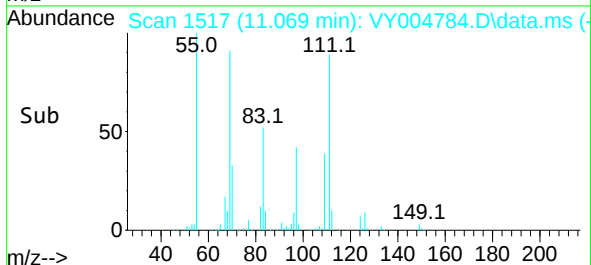
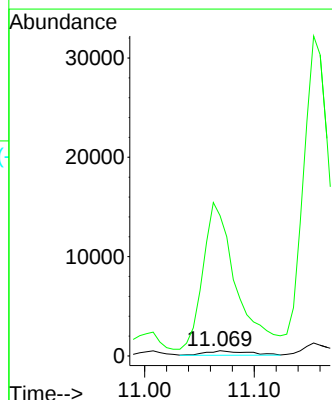
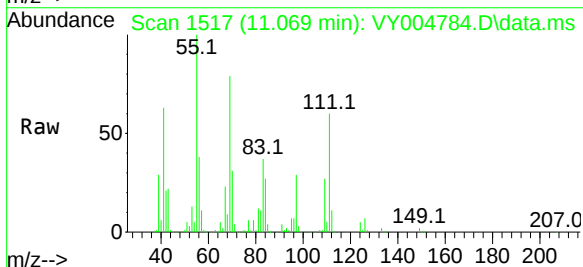
Instrument :
MSVOA_Y
ClientSampleId :

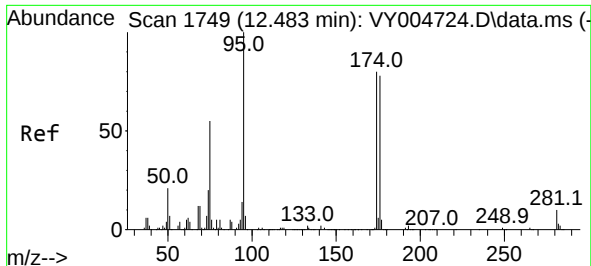
Tgt Ion: 43 Resp: 365923
Ion Ratio Lower Upper
43 100
58 3.1 24.9 74.8#



#61
1,2-Dibromoethane
Concen: 1.06 ug/l
RT: 11.069 min Scan# 1517
Delta R.T. -0.025 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 107 Resp: 1199
Ion Ratio Lower Upper
107 100
109 2578.5 73.8 110.6#

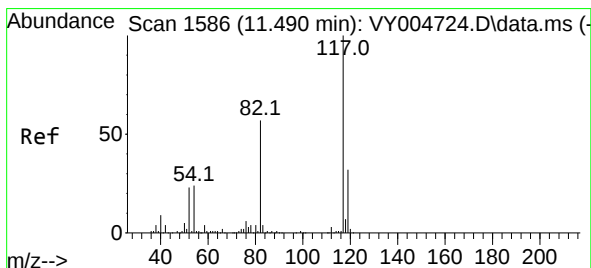
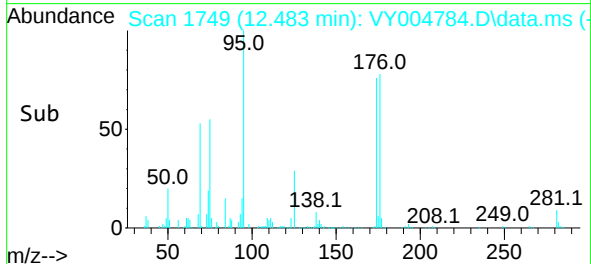
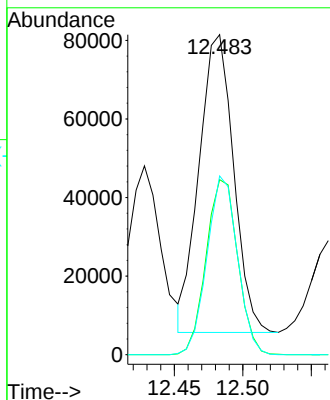
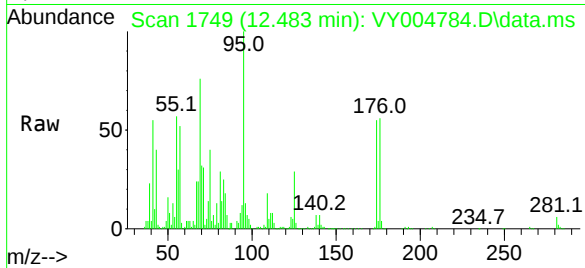




#62
4-Bromofluorobenzene
Concen: 78.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

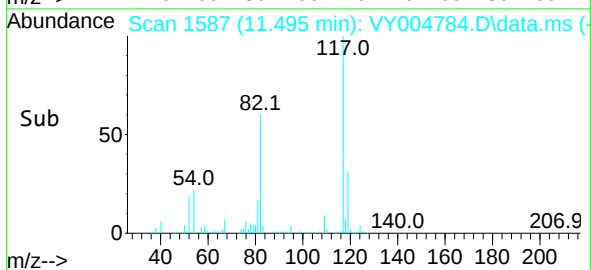
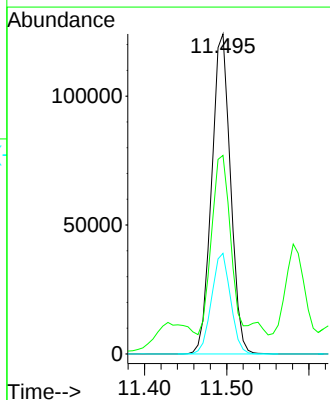
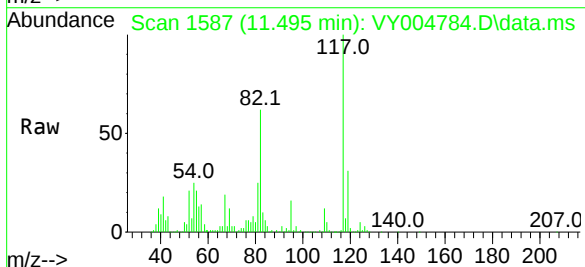
Instrument :
MSVOA_Y
ClientSampleId :

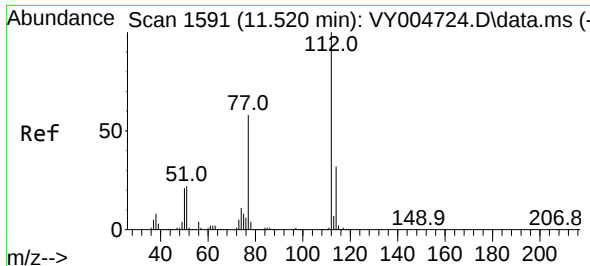
Tgt Ion: 95 Resp: 132553
Ion Ratio Lower Upper
95 100
174 54.0 0.0 164.2
176 53.0 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion:117 Resp: 198018
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.2
119 31.4 25.8 38.6

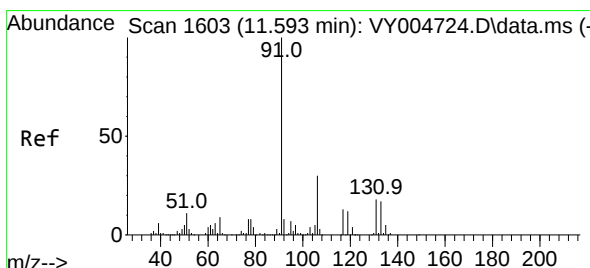
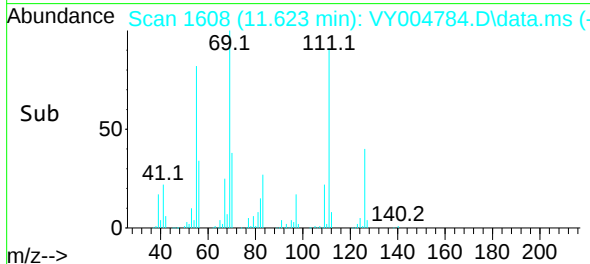
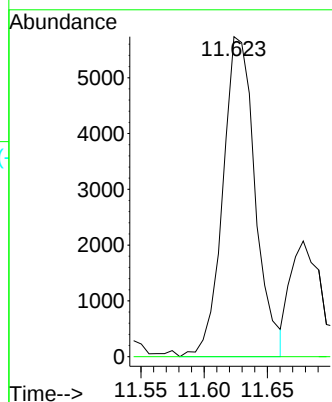
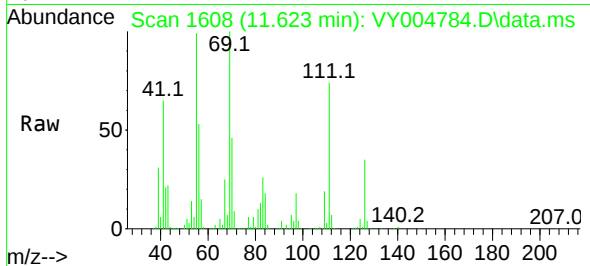




#65
Chlorobenzene
Concen: 2.50 ug/l
RT: 11.623 min Scan# 1608
Delta R.T. 0.103 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

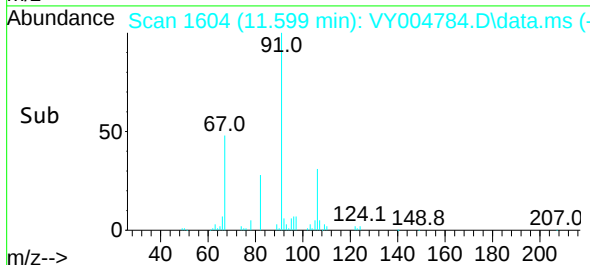
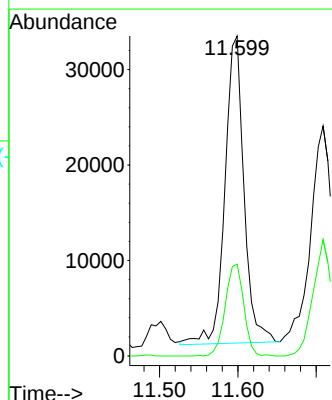
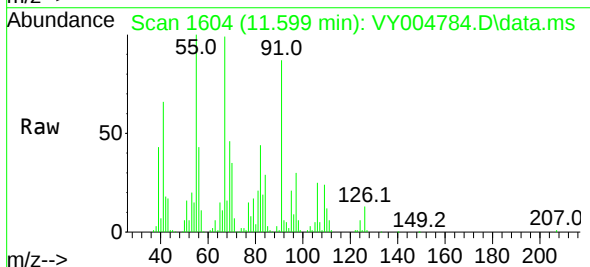
Instrument :
MSVOA_Y
ClientSampleId :

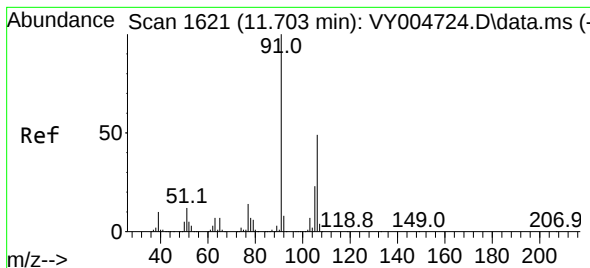
Tgt Ion:112 Resp: 10201
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 7.19 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 91 Resp: 54428
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

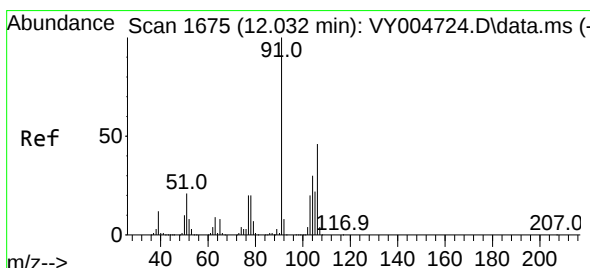
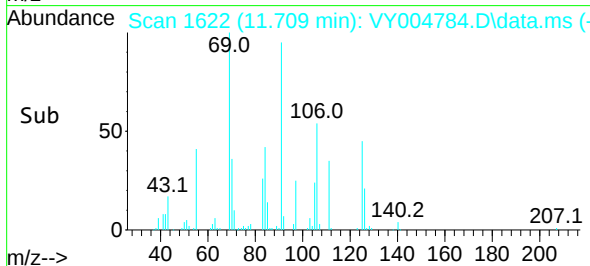
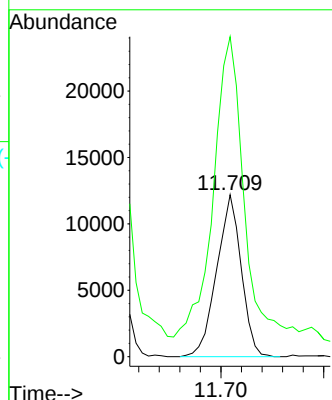
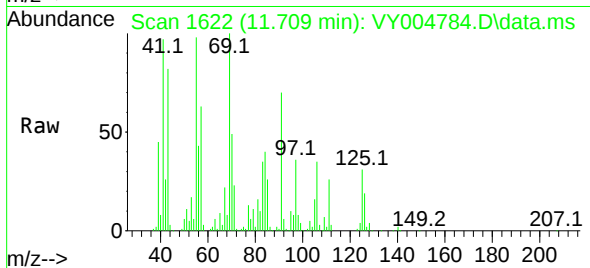




#68
m/p-Xylenes
Concen: 7.08 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

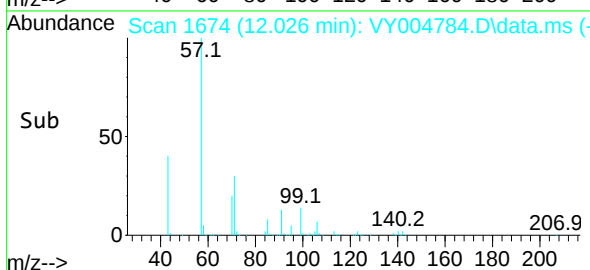
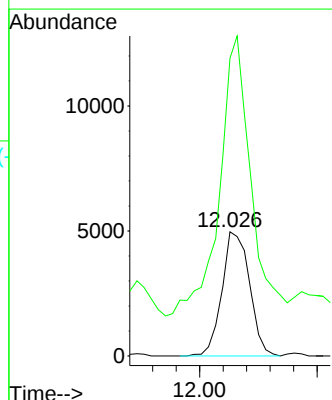
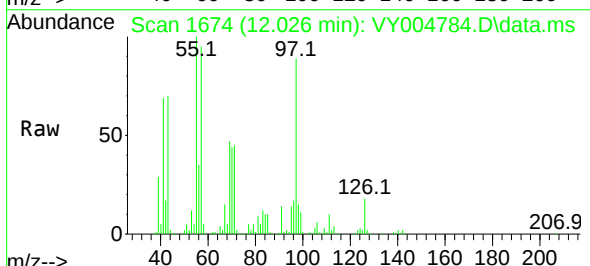
Instrument :
MSVOA_Y
ClientSampleId :

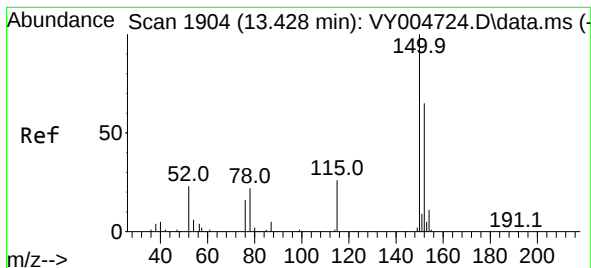
Tgt Ion:106 Resp: 20155
Ion Ratio Lower Upper
106 100
91 225.8 163.6 245.4



#69
o-Xylene
Concen: 3.04 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion:106 Resp: 8085
Ion Ratio Lower Upper
106 100
91 255.2 108.9 326.7

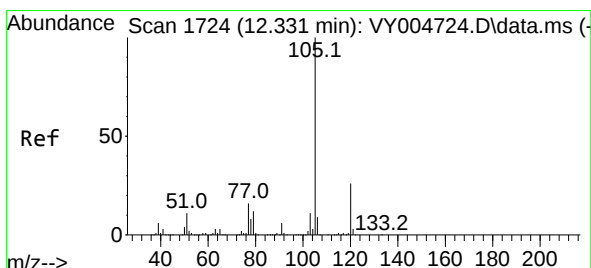
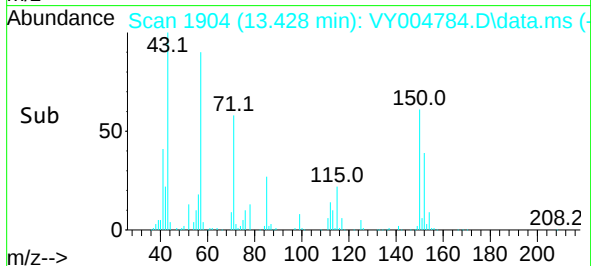
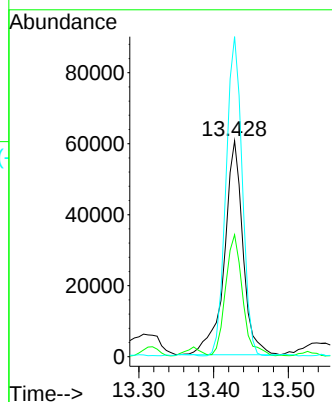
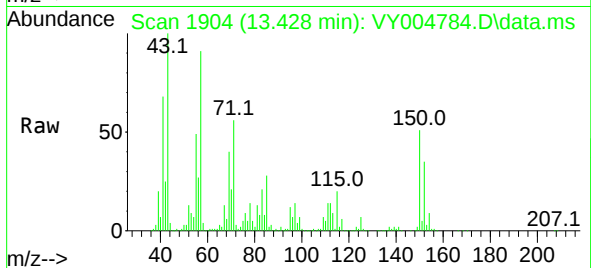




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

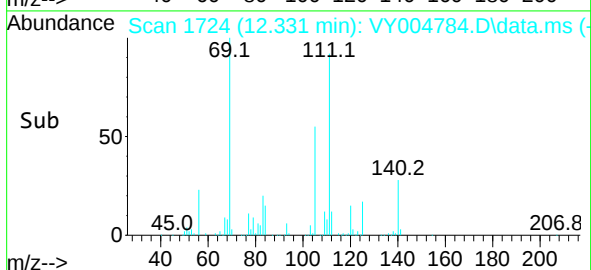
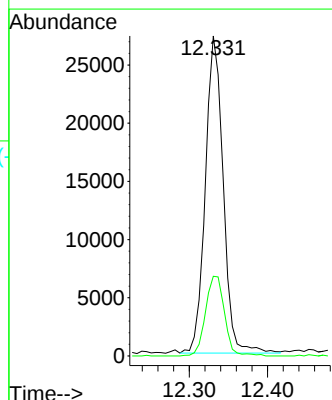
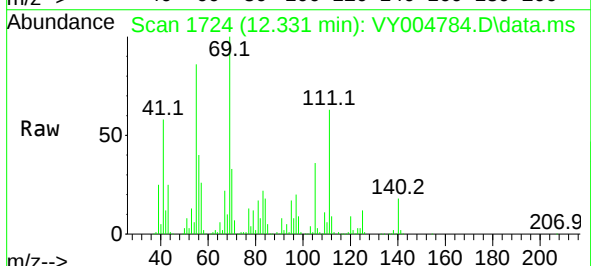
Instrument :
MSVOA_Y
ClientSampleId :

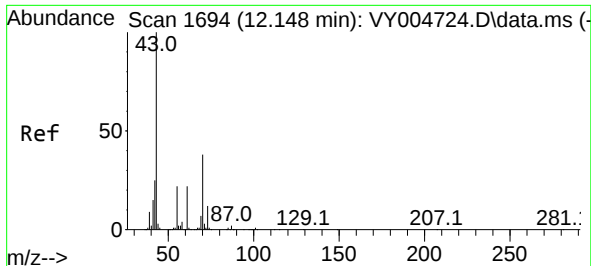
Tgt Ion:152 Resp: 104390
Ion Ratio Lower Upper
152 100
115 51.8 29.4 88.3
150 130.4 0.0 349.8



#73
Isopropylbenzene
Concen: 5.49 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion:105 Resp: 43211
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

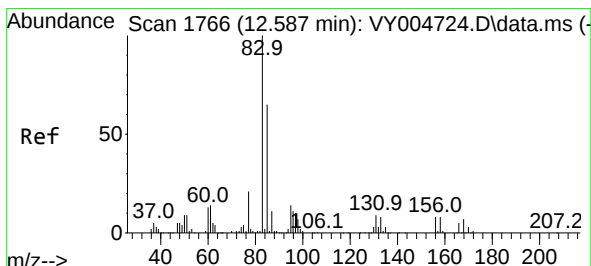
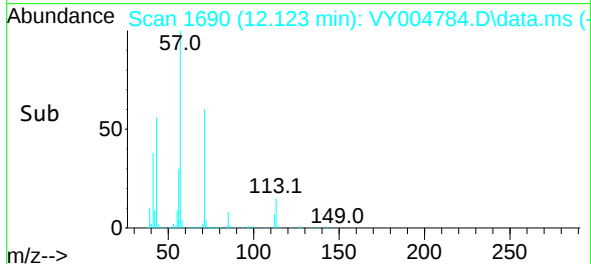
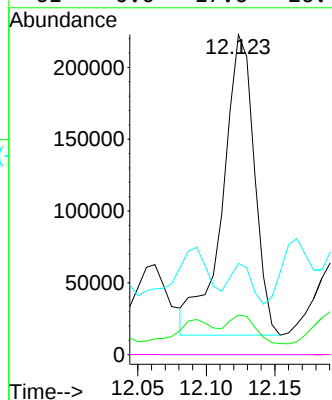
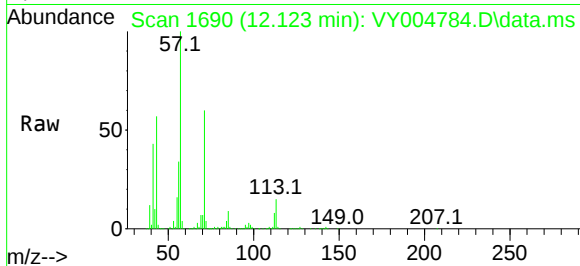




#74
N-amy1 acetate
Concen: 121.60 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.025 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

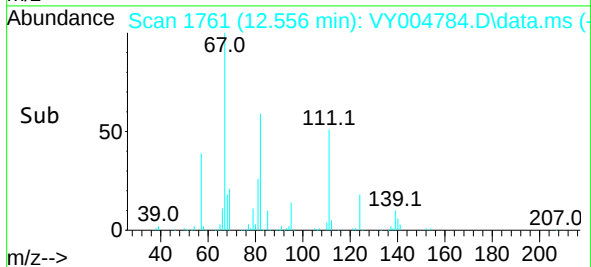
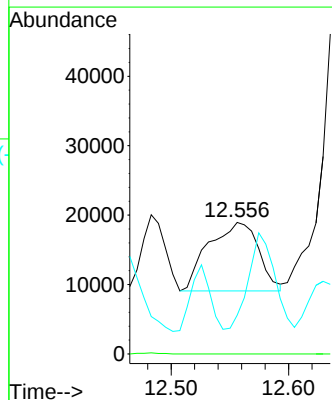
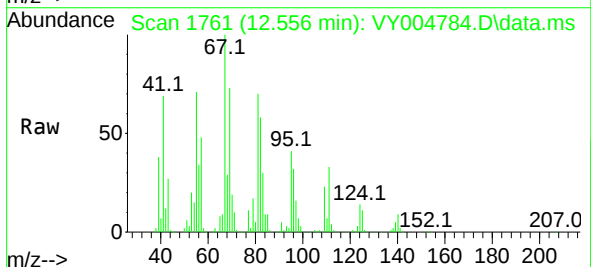
Instrument :
MSVOA_Y
ClientSampleId :

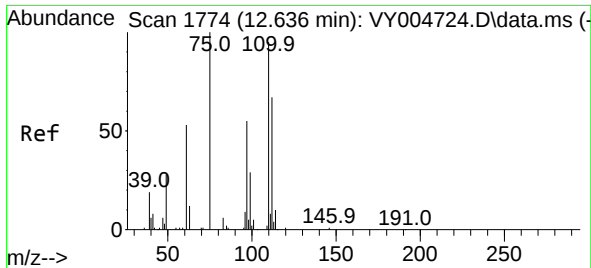
Tgt Ion: 43 Resp: 338595
Ion Ratio Lower Upper
43 100
70 7.7 30.2 45.2#
55 8.7 17.8 26.8#
61 0.0 17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 18.62 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.031 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 83 Resp: 29263
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 71.7 32.1 96.5

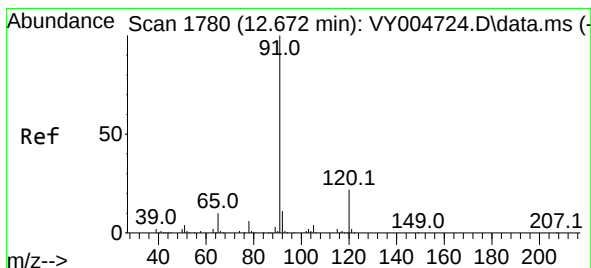
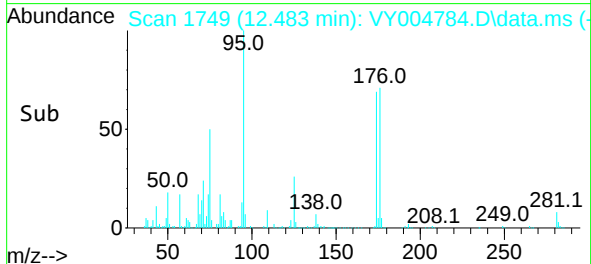
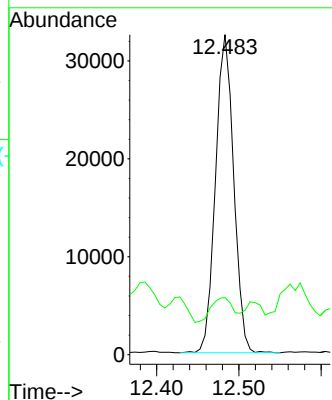
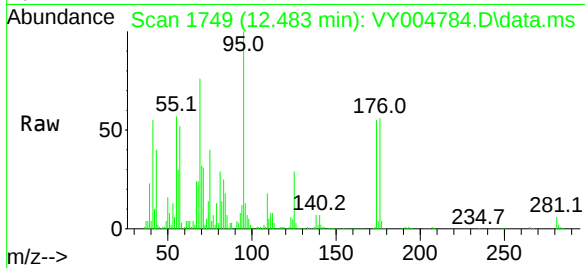




#76
1,2,3-Trichloropropane
Concen: 45.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

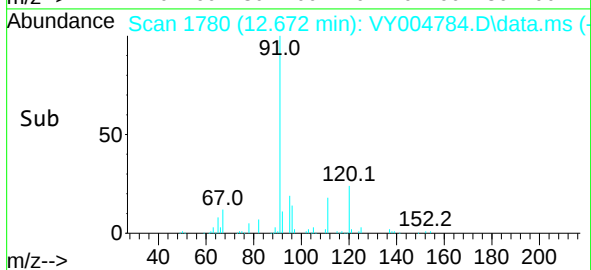
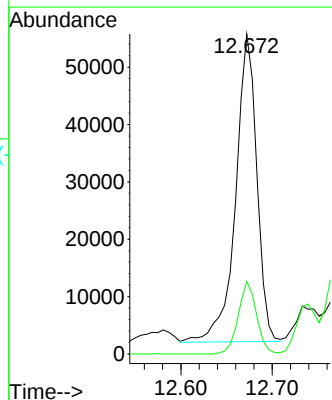
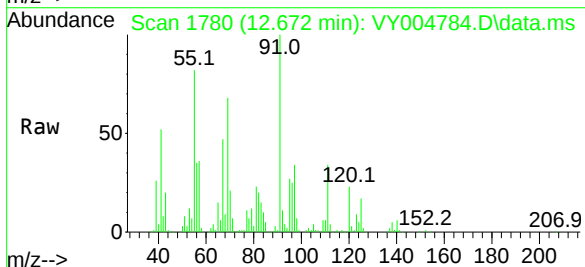
Instrument :
MSVOA_Y
ClientSampleId :

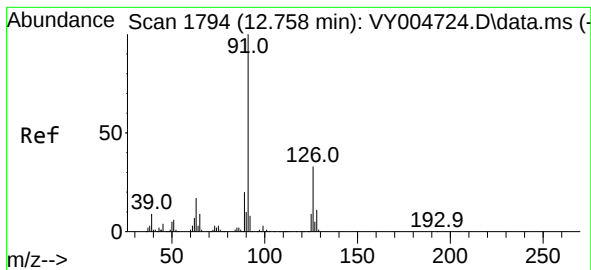
Tgt Ion: 75 Resp: 49985
Ion Ratio Lower Upper
75 100
77 9.5 0.0 0.0#



#78
n-propylbenzene
Concen: 8.98 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 91 Resp: 86328
Ion Ratio Lower Upper
91 100
120 20.4 11.1 33.3

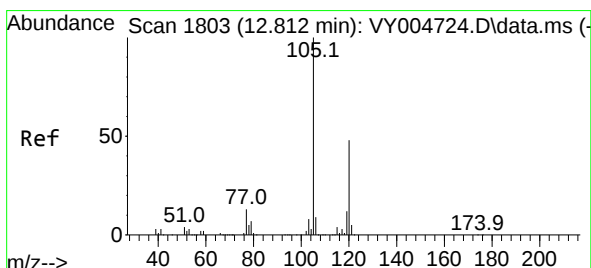
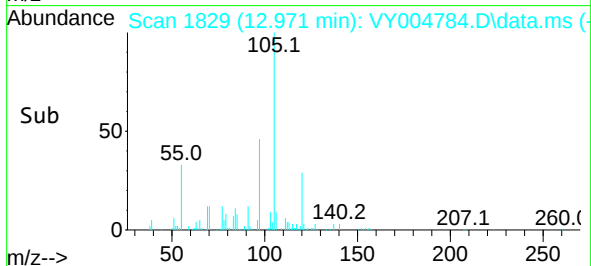
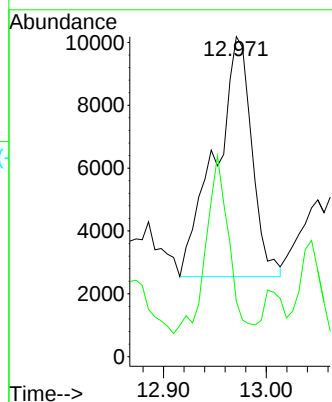
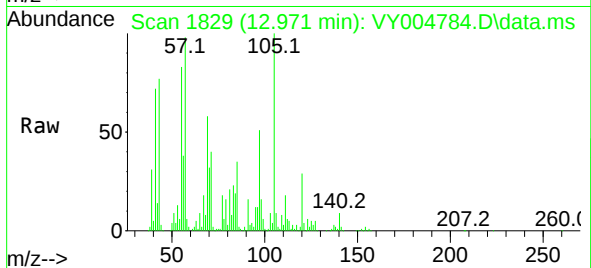




#79
2-Chlorotoluene
Concen: 3.59 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. 0.213 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

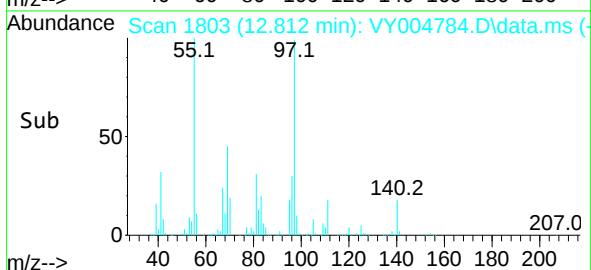
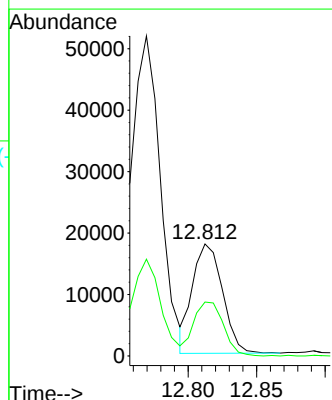
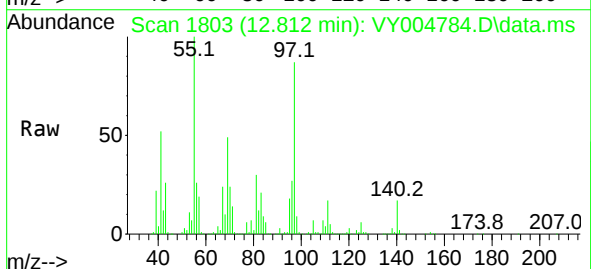
Instrument :
MSVOA_Y
ClientSampled :

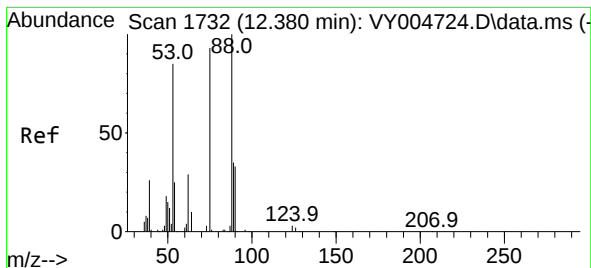
Tgt Ion: 91 Resp: 18925
Ion Ratio Lower Upper
91 100
126 45.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 4.15 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 105 Resp: 27134
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0

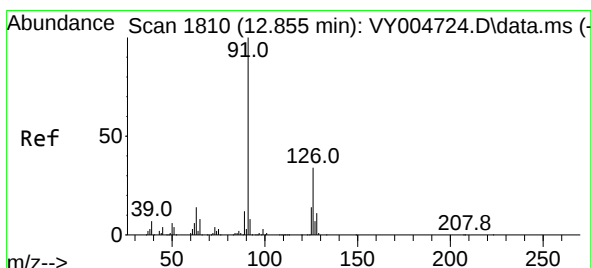
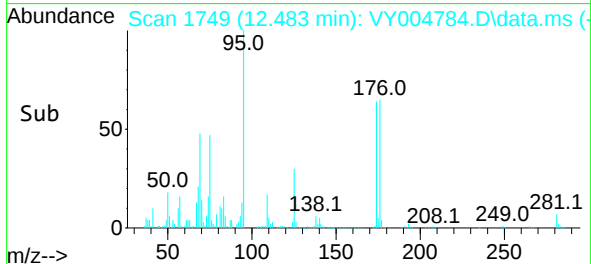
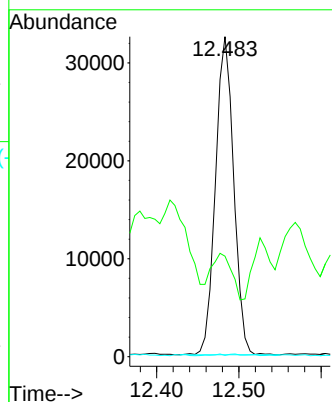
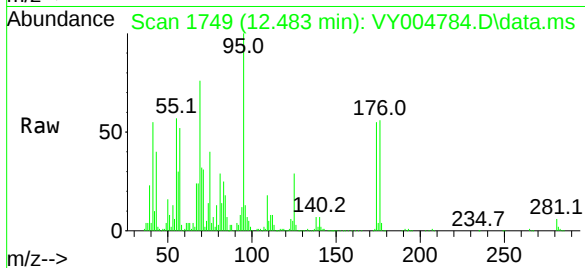




#81
trans-1,4-Dichloro-2-butene
Concen: 78.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

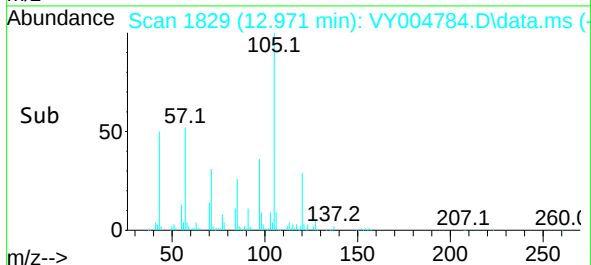
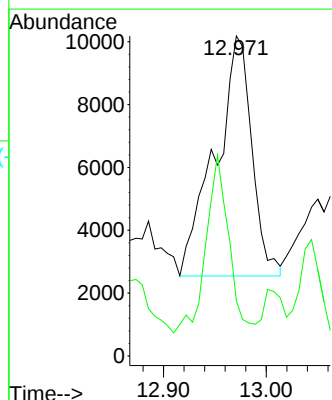
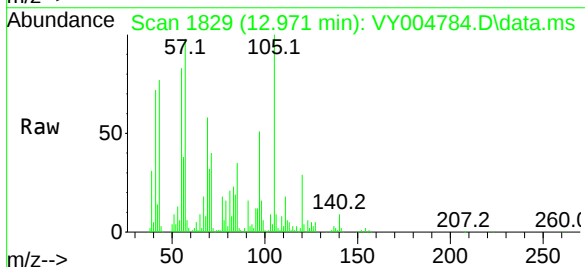
Instrument :
MSVOA_Y
ClientSampleId :

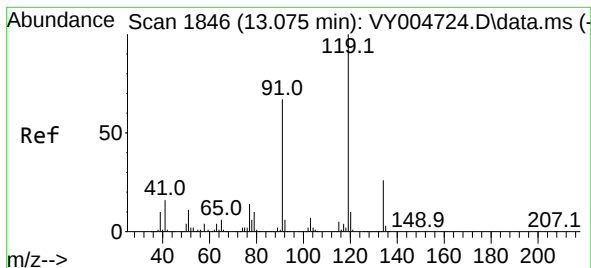
Tgt Ion: 75 Resp: 49985
Ion Ratio Lower Upper
75 100
53 15.8 73.9 110.9#
89 0.3 35.5 53.3#



#82
4-Chlorotoluene
Concen: 3.46 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. 0.116 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 91 Resp: 18925
Ion Ratio Lower Upper
91 100
126 45.8 16.8 50.3





#83

tert-Butylbenzene

Concen: 8.67 ug/l

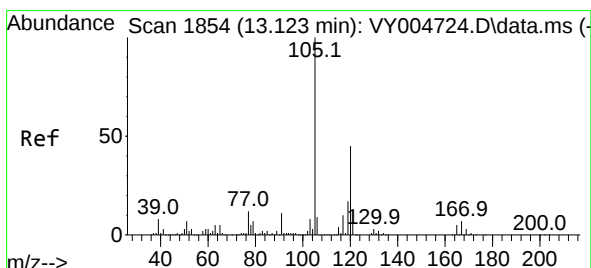
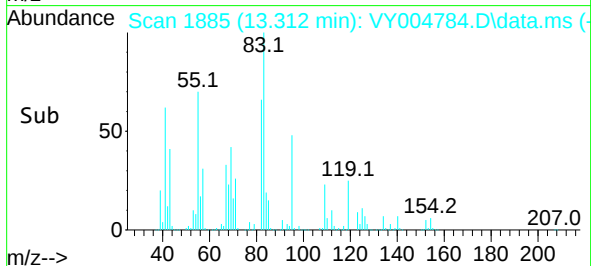
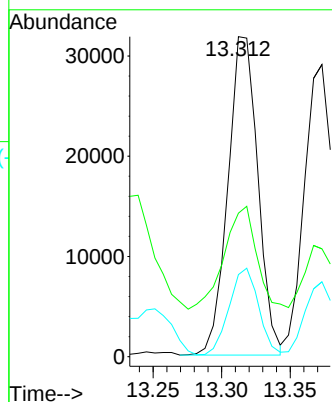
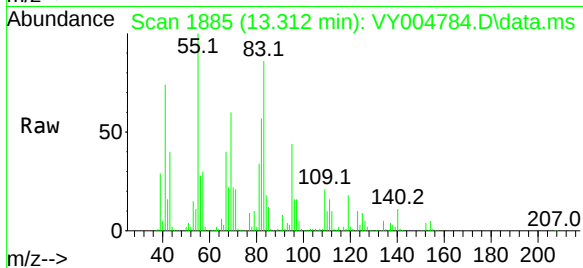
RT: 13.312 min Scan# 1885

Delta R.T. 0.238 min

Lab File: VY004784.D

Acq: 14 May 2021 15:45

Tgt Ion:	119	Resp:	48427
Ion Ratio	Lower	Upper	
119	100		
91	35.0	32.3	96.8
134	26.5	12.9	38.7



#84

1,2,4-Trimethylbenzene

Concen: 17.84 ug/l

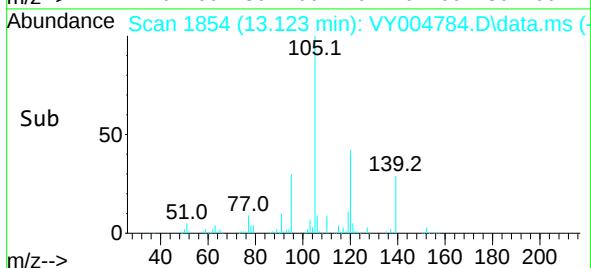
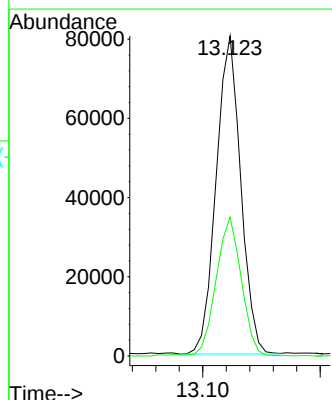
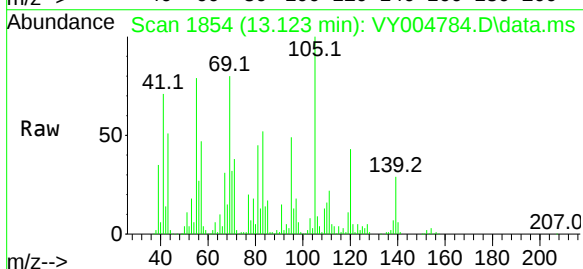
RT: 13.123 min Scan# 1854

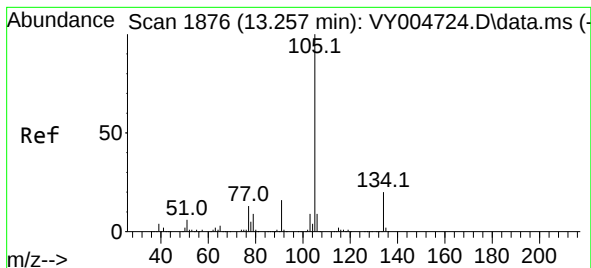
Delta R.T. -0.000 min

Lab File: VY004784.D

Acq: 14 May 2021 15:45

Tgt Ion:	105	Resp:	116815
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.5	67.5

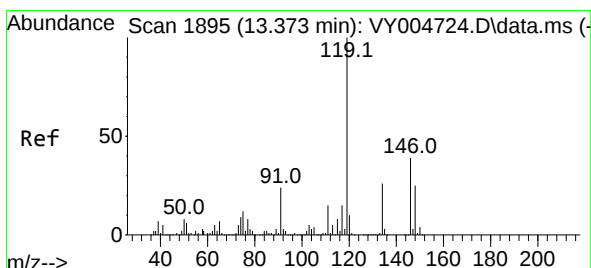
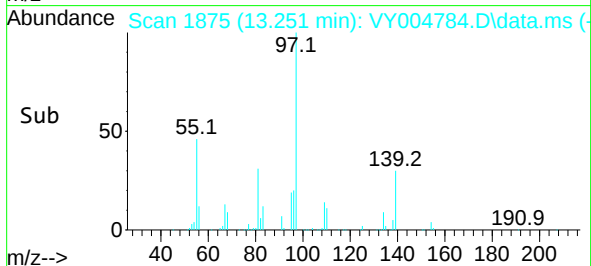
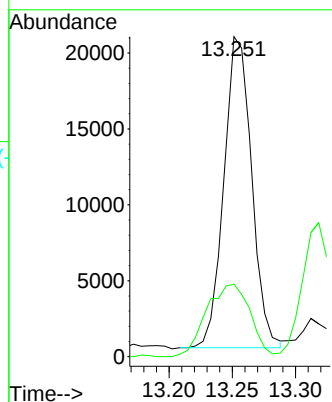
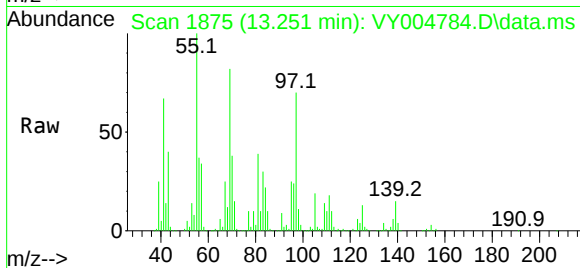




#85
 sec-Butylbenzene
 Concen: 3.85 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY004784.D
 Acq: 14 May 2021 15:45

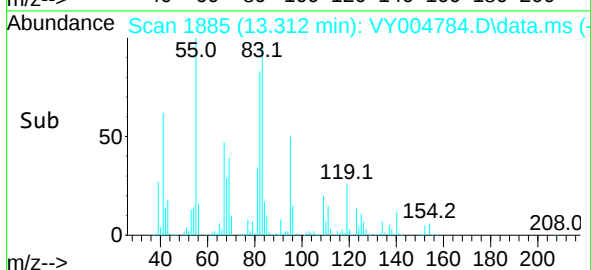
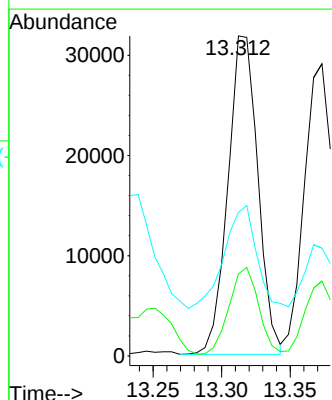
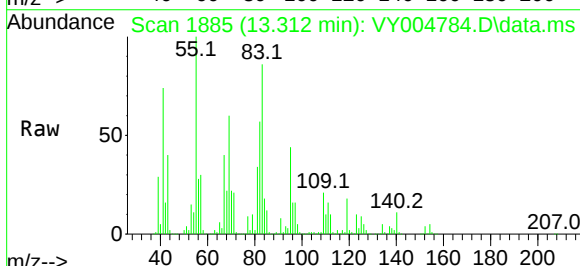
Instrument :
 MSVOA_Y
 ClientSampleId :

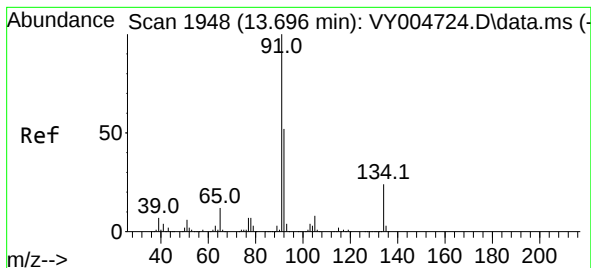
Tgt Ion:105 Resp: 31276
 Ion Ratio Lower Upper
 105 100
 134 36.5 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 6.88 ug/l
 RT: 13.312 min Scan# 1885
 Delta R.T. -0.061 min
 Lab File: VY004784.D
 Acq: 14 May 2021 15:45

Tgt Ion:119 Resp: 48427
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.9 38.7
 91 34.6 12.0 36.1

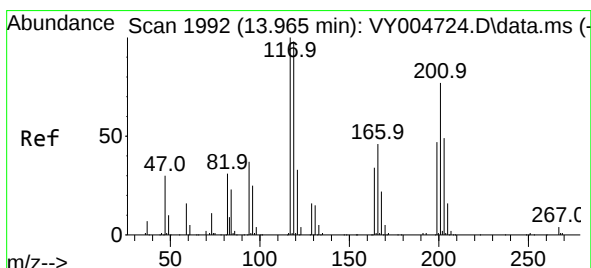
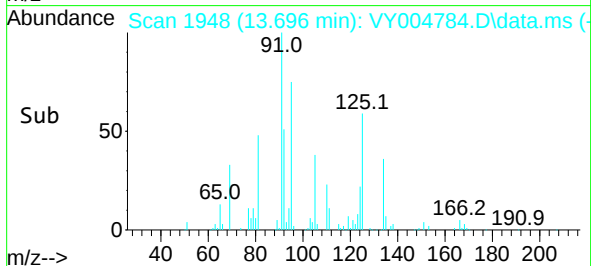
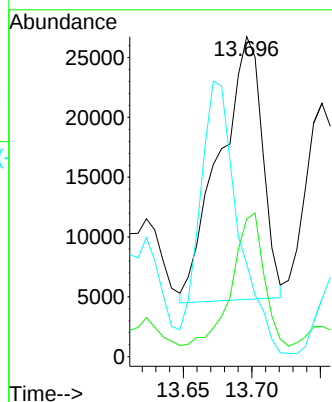
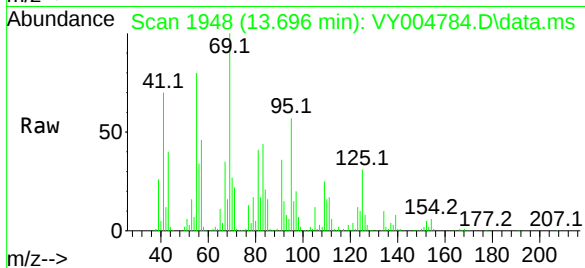




#89
n-Butylbenzene
Concen: 6.98 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

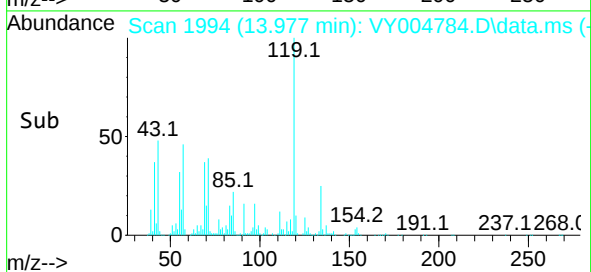
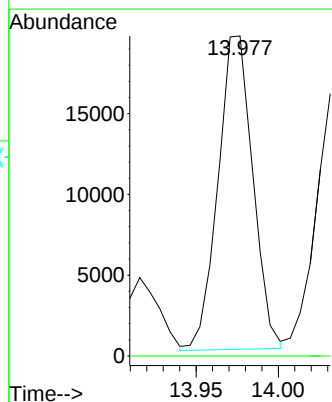
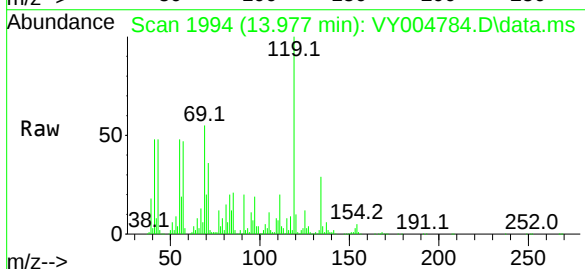
Instrument :
MSVOA_Y
ClientSampleId :

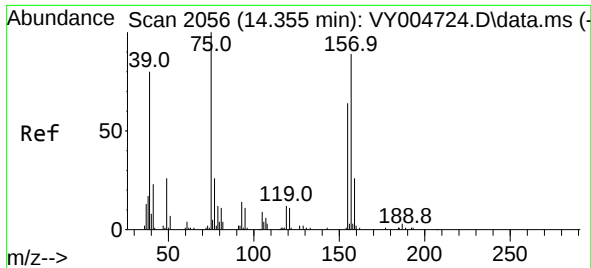
Tgt Ion: 91 Resp: 48030
Ion Ratio Lower Upper
91 100
92 40.2 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 28.83 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

Tgt Ion: 117 Resp: 28568
Ion Ratio Lower Upper
117 100
201 0.0 35.9 107.8#

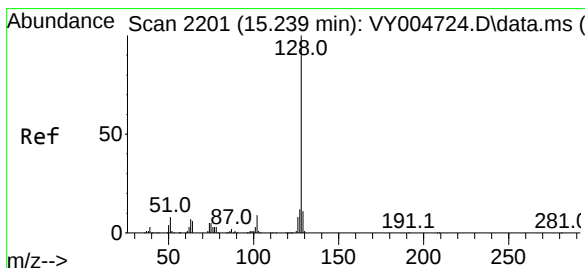
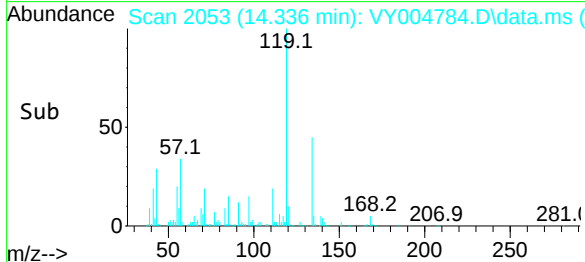
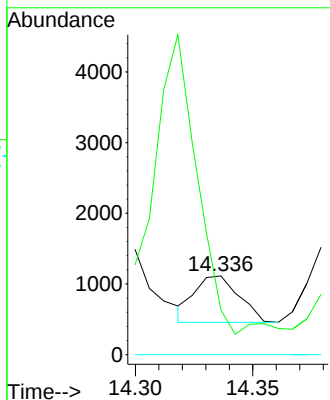
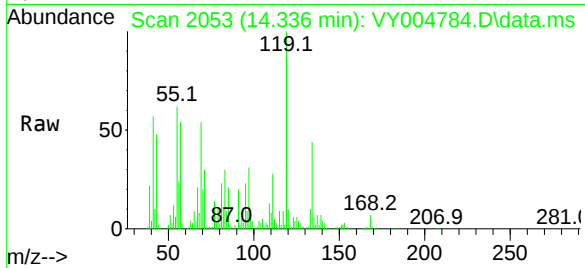




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.93 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

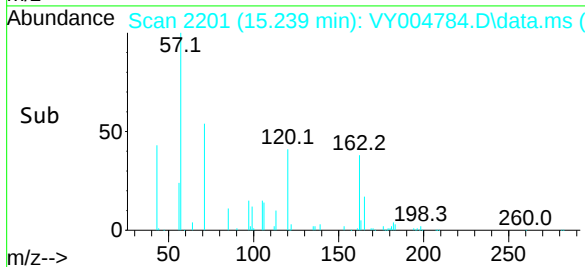
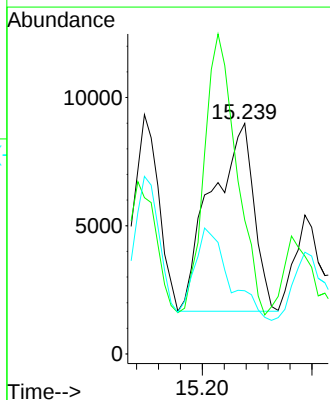
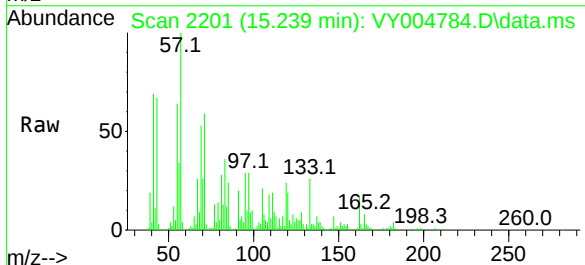
Instrument :
MSVOA_Y
ClientSampleId :

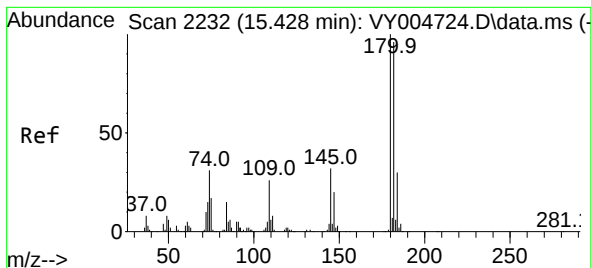
Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
155 0.0 39.0 117.0#
157 0.0 50.2 150.7#



#95
Naphthalene
Concen: 4.58 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004784.D
Acq: 14 May 2021 15:45

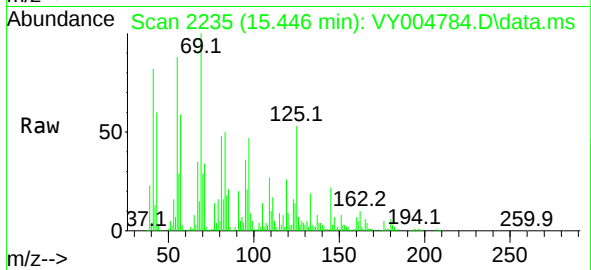
Tgt Ion: 128 Resp: 19632
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.56 ug/l
 RT: 15.446 min Scan# 2235
 Delta R.T. 0.018 min
 Lab File: VY004784.D
 Acq: 14 May 2021 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 4484
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 0.0 16.3 48.8#

