

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004824.D
 Acq On : 18 May 2021 13:55
 Operator : SY/MD
 Sample : M2392-07
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:03:31 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	7.795	168	174996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	323939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113610	54.54	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.08%			
35) Dibromofluoromethane	7.728	113	79361	44.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.24%			
50) Toluene-d8	10.185	98	818630	100.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 201.48%#			
62) 4-Bromofluorobenzene	12.477	95	301802	110.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 220.08%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	1528	7.30	ug/l #	71
13) Acrolein	3.704	56	2108	8.57	ug/l #	1
14) Allyl chloride	4.582	41	49761	14.72	ug/l #	66
15) Acrylonitrile	5.247	53	79015	141.43	ug/l #	40
16) Acetone	3.948	43	80777	172.65	ug/l #	64
17) Carbon Disulfide	4.198	76	14612	2.77	ug/l	99
18) Methyl Acetate	4.564	43	38925	26.09	ug/l #	56
20) Methylene Chloride	4.729	84	17619	Below Cal	#	32
23) Vinyl Acetate	6.113	43	15405	3.15	ug/l #	83
24) 1,1-Dichloroethane	6.106	63	5459	1.49	ug/l #	84
25) 2-Butanone	6.990	43	40661	48.92	ug/l #	59
26) 2,2-Dichloropropane	6.801	77	31838	9.96	ug/l #	54
28) Bromochloromethane	7.539	49	3482	1.95	ug/l #	19
29) Tetrahydrofuran	7.362	42	2727	5.14	ug/l #	39
30) Chloroform	7.472	83	68072	18.88	ug/l #	19
31) Cyclohexane	7.789	56	3736906	1108.30	ug/l	93
36) 1,1-Dichloropropene	7.801	75	19308	5.73	ug/l #	1
37) Ethyl Acetate	6.990	43	40661	17.62	ug/l #	72
38) Carbon Tetrachloride	7.795	117	18712	6.18	ug/l #	17
39) Methylcyclohexane	9.191	83	11108402	3025.03	ug/l	93
41) Methacrylonitrile	7.362	41	27371	21.71	ug/l #	100
42) 1,2-Dichloroethane	8.283	62	10452	3.48	ug/l #	1
43) Isopropyl Acetate	8.277	43	609149	142.20	ug/l #	57
45) 1,2-Dichloropropane	9.191	63	126324	50.73	ug/l #	1
47) Bromodichloromethane	9.472	83	129634	39.46	ug/l #	37
48) Methyl methacrylate	9.246	41	282792	145.06	ug/l #	37
49) 1,4-Dioxane	9.191	88	105	6.44	ug/l #	1
51) 4-Methyl-2-Pentanone	10.118	43	224033	97.20	ug/l #	78
52) Toluene	10.246	92	10807	1.80	ug/l #	37
55) 1,1,2-Trichloroethane	10.624	97	1327081	696.26	ug/l #	19
56) Ethyl methacrylate	10.526	69	493428	179.01	ug/l #	13
58) 2-Chloroethyl Vinyl ether	9.764	63	15406	10.83	ug/l #	49
59) 2-Hexanone	10.807	43	1097642	702.80	ug/l #	32
60) Dibromochloromethane	10.910	129	3560	1.57	ug/l	79
61) 1,2-Dibromoethane	11.069	107	5689	3.10	ug/l #	1
65) Chlorobenzene	11.423	112	11069	1.66	ug/l #	43

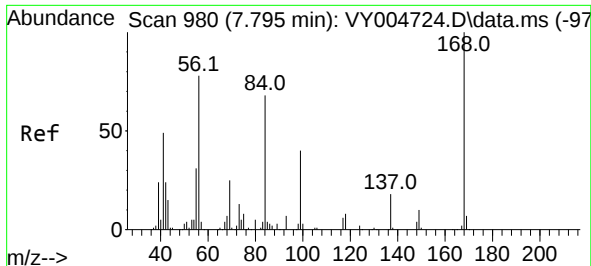
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.593	91	450508	36.37	ug/l	100
68) m/p-Xylenes	11.709	106	203923	43.82	ug/l	94
69) o-Xylene	12.032	106	89012	20.46	ug/l	83
73) Isopropylbenzene	12.331	105	258420	17.38	ug/l	100
74) N-amyl acetate	12.130	43	1057319	201.12	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.563	83	104336	35.16	ug/l #	84
76) 1,2,3-Trichloropropane	12.672	75	3233	1.54	ug/l #	100
78) n-propylbenzene	12.672	91	400081	22.05	ug/l	98
79) 2-Chlorotoluene	12.971	91	84296	8.47	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	145139	11.75	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.331	75	3152	2.61	ug/l #	1
82) 4-Chlorotoluene	12.971	91	84296	8.15	ug/l	95
83) tert-Butylbenzene	13.319	119	231074	21.92	ug/l	73
84) 1,2,4-Trimethylbenzene	13.124	105	596065	48.23	ug/l	100
85) sec-Butylbenzene	13.258	105	140013	9.14	ug/l #	67
86) p-Isopropyltoluene	13.373	119	205106	15.44	ug/l	90
89) n-Butylbenzene	13.697	91	175962	13.55	ug/l #	33
90) Hexachloroethane	13.977	117	131672	70.37	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.337	75	5189	9.36	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.050	180	13783	3.68	ug/l #	1
95) Naphthalene	15.209	128	19452	2.40	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.452	180	8973	2.71	ug/l #	12

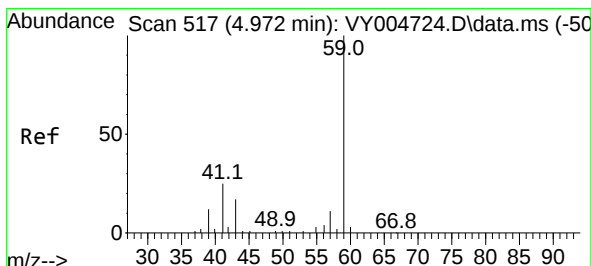
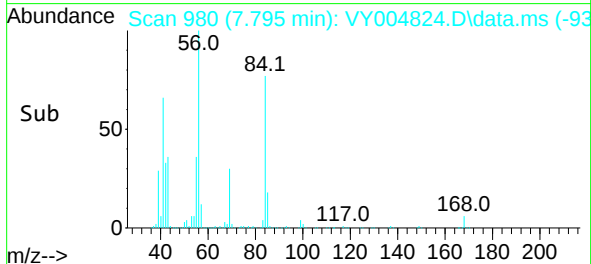
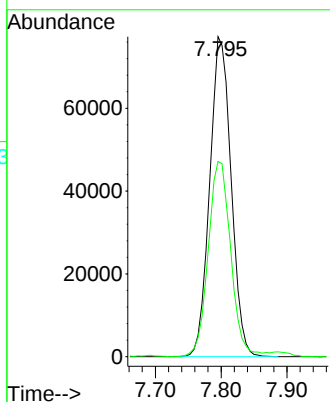
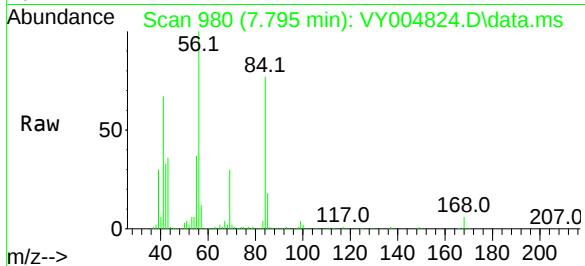
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

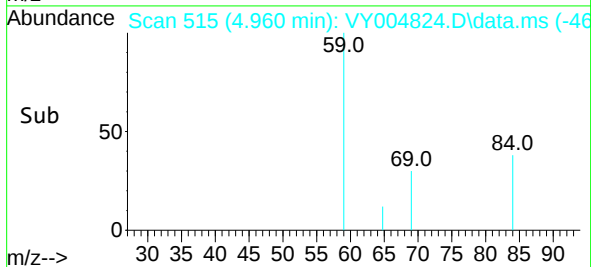
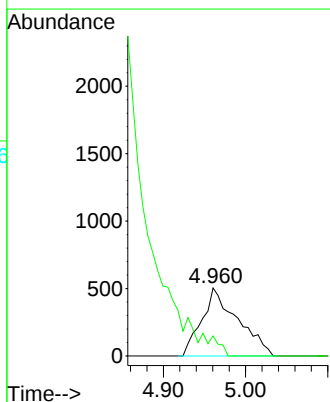
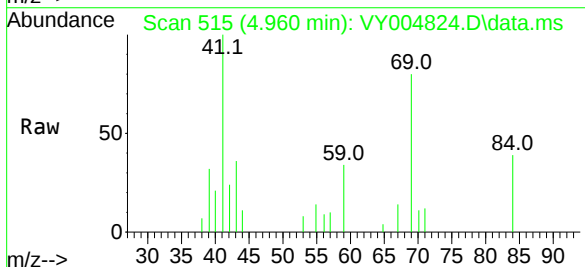
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MSVOA_Y
ClientSampled :

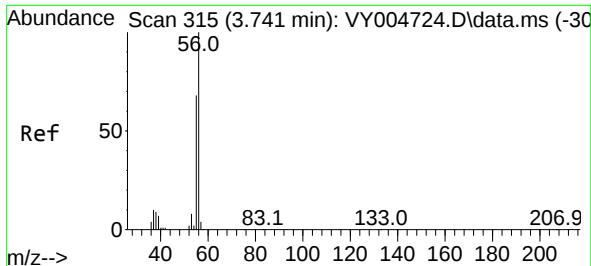
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Ion Ratio Lower Upper
168 100
99 60.9 45.6 68.4



#11
Tert butyl alcohol
Concen: 7.30 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 59 Resp: 1528
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

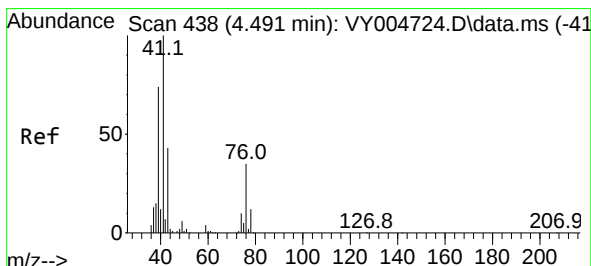
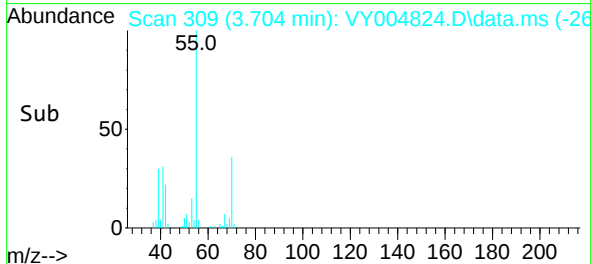
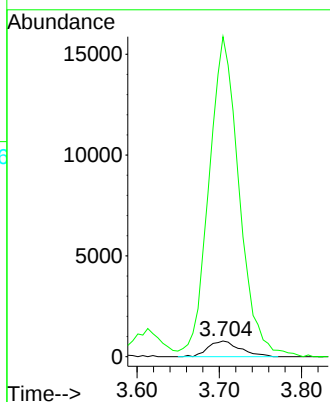
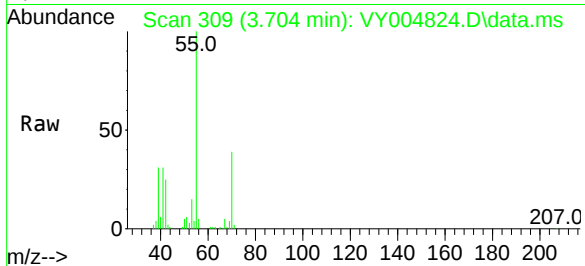




#13
Acrolein
Concen: 8.57 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.036 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

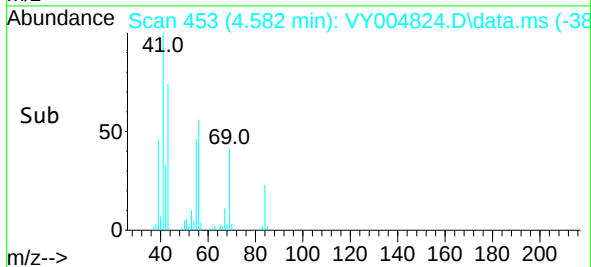
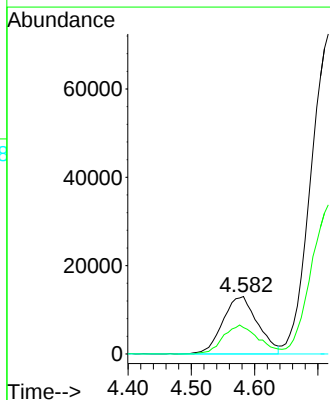
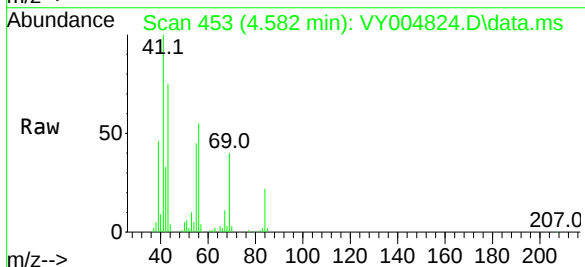
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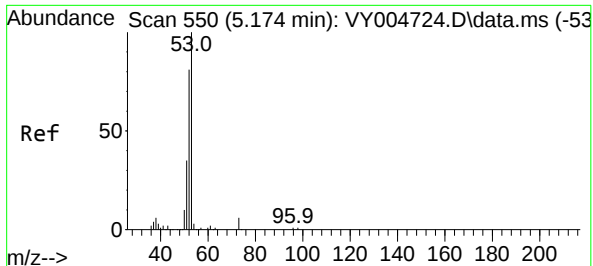
Tgt Ion: 56 Resp: 2108
Ion Ratio Lower Upper
56 100
55 1928.9 55.3 82.9#



#14
Allyl chloride
Concen: 14.72 ug/l
RT: 4.582 min Scan# 453
Delta R.T. 0.092 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 41 Resp: 49761
Ion Ratio Lower Upper
41 100
39 51.0 56.1 84.1#
76 0.0 26.2 39.4#

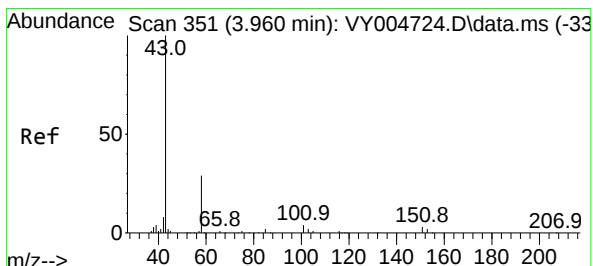
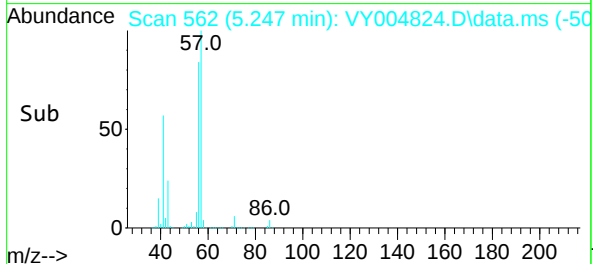
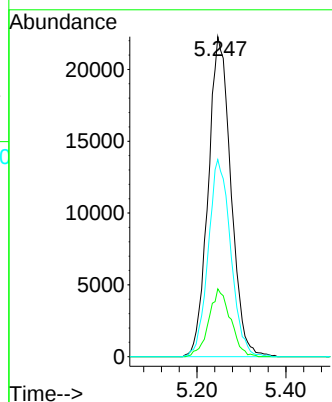
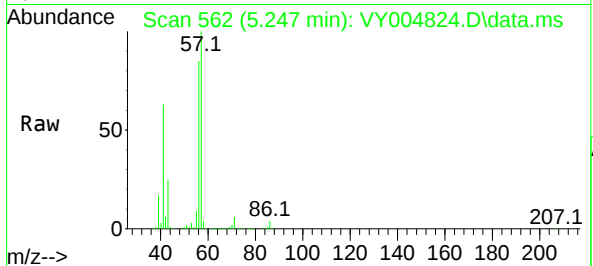




#15
Acrylonitrile
Concen: 141.43 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.073 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

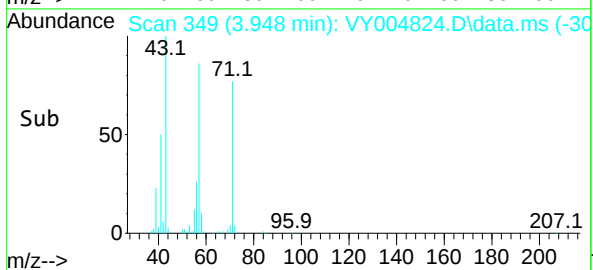
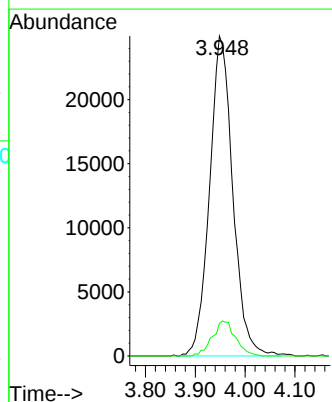
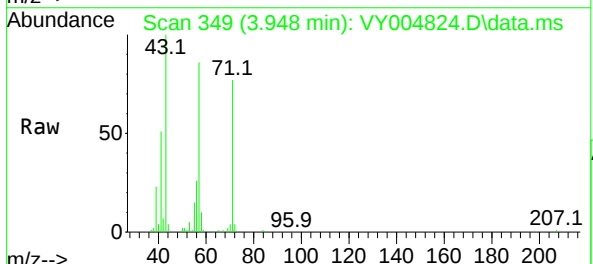
Instrument :
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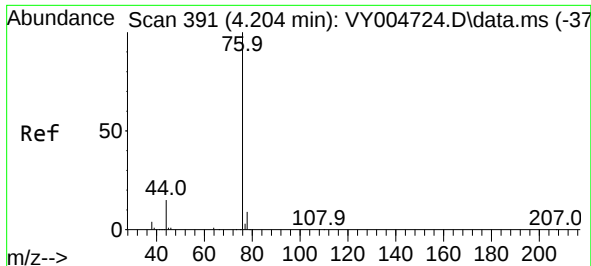
Tgt Ion: 53 Resp: 79015
Ion Ratio Lower Upper
53 100
52 20.4 65.0 97.6#
51 61.1 29.3 43.9#



#16
Acetone
Concen: 172.65 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 43 Resp: 80777
Ion Ratio Lower Upper
43 100
58 10.1 23.6 35.4#

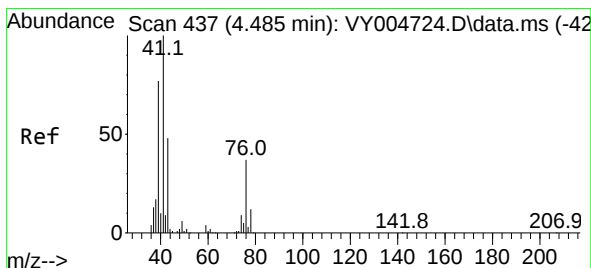
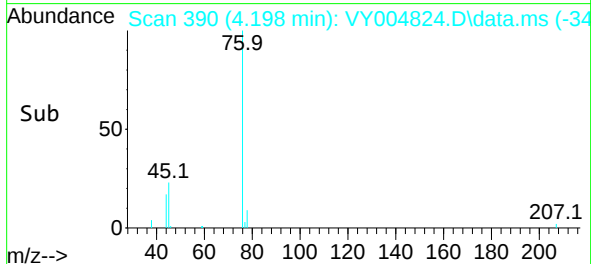
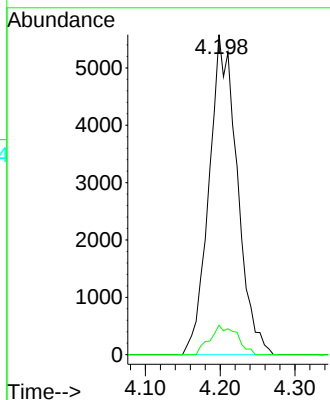
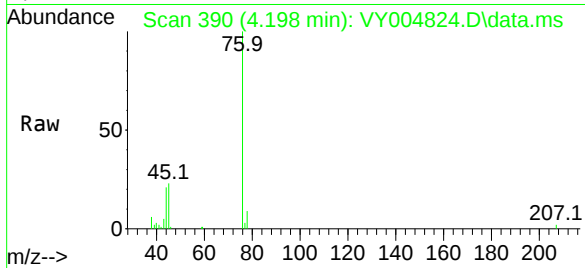




#17
Carbon Disulfide
Concen: 2.77 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

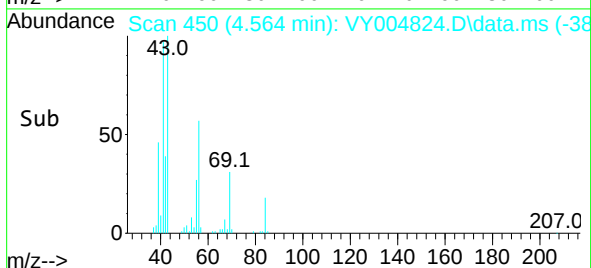
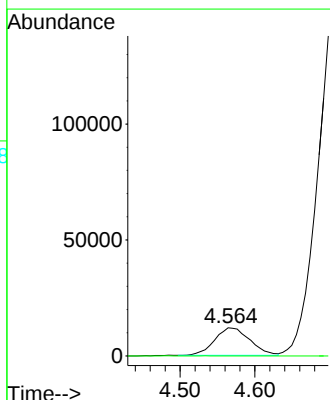
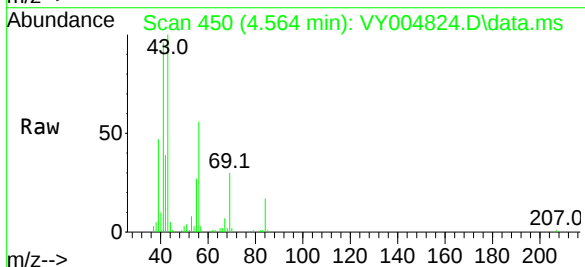
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ClientSampled :

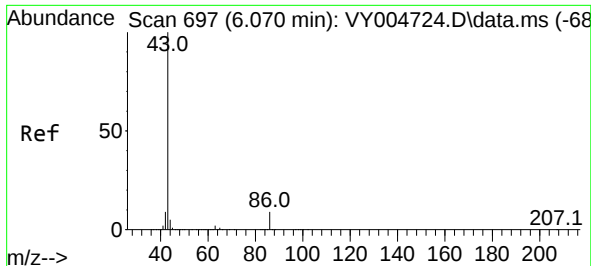
Tgt Ion: 76 Resp: 14612
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 26.09 ug/l
RT: 4.564 min Scan# 450
Delta R.T. 0.079 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 43 Resp: 38925
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

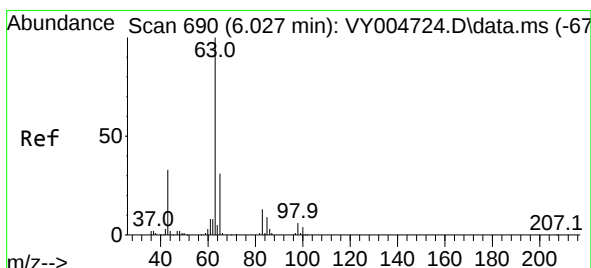
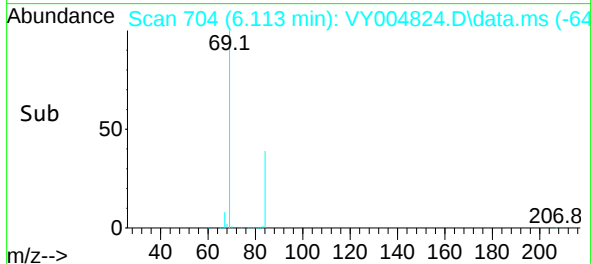
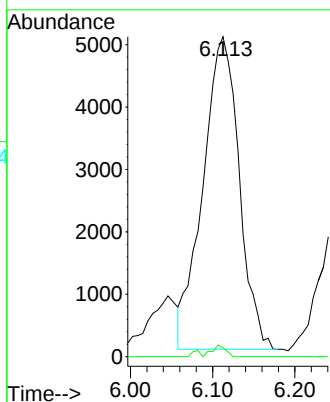
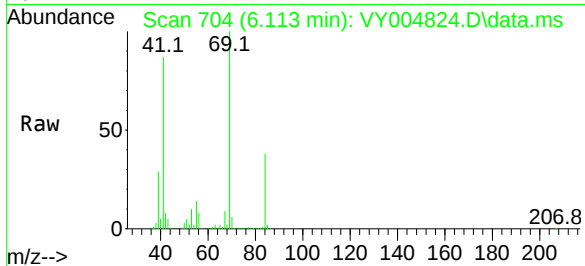




#23
 Vinyl Acetate
 Concen: 3.15 ug/l
 RT: 6.113 min Scan# 704
 Delta R.T. 0.043 min
 Lab File: VY004824.D
 Acq: 18 May 2021 13:55

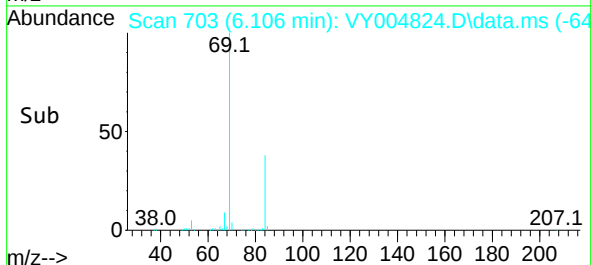
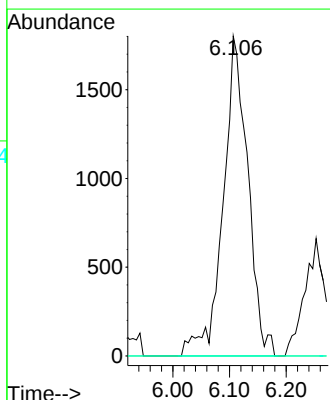
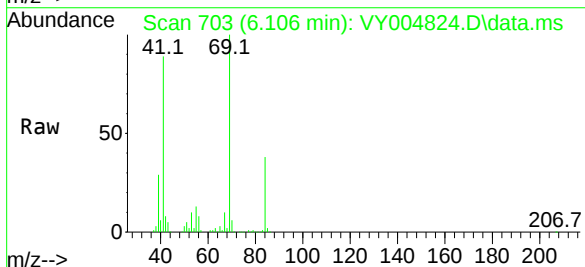
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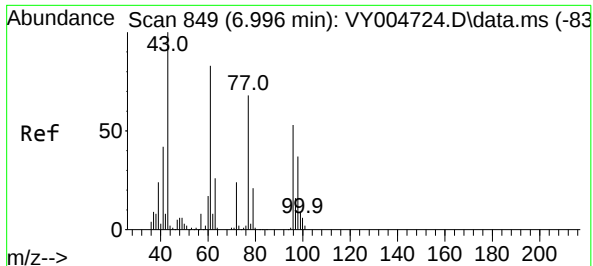
Tgt Ion: 43 Resp: 15405
 Ion Ratio Lower Upper
 43 100
 86 2.8 7.2 10.8#



#24
 1,1-Dichloroethane
 Concen: 1.49 ug/l
 RT: 6.106 min Scan# 703
 Delta R.T. 0.079 min
 Lab File: VY004824.D
 Acq: 18 May 2021 13:55

Tgt Ion: 63 Resp: 5459
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.1 9.4#
 100 0.0 2.0 6.0#





#25

2-Butanone

Concen: 48.92 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY004824.D

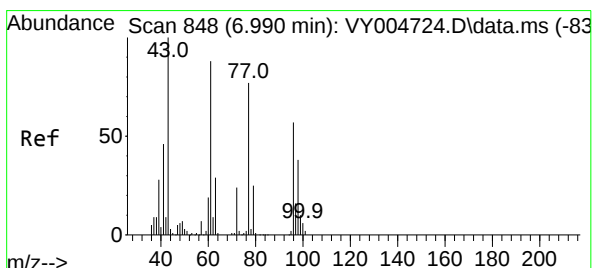
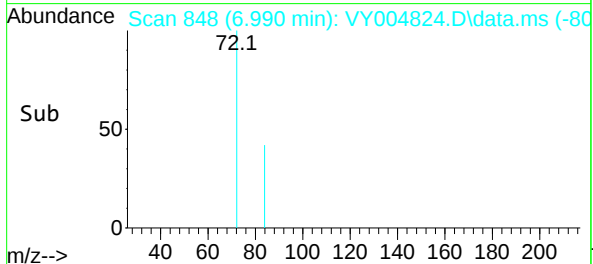
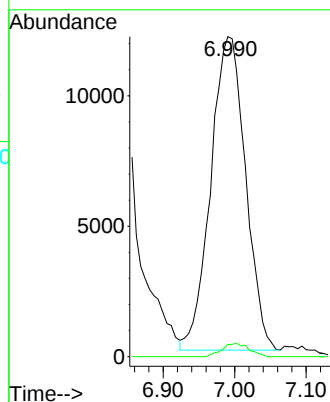
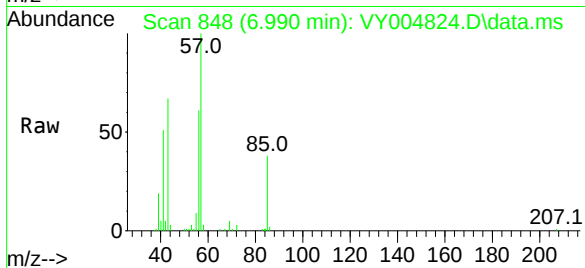
Acq: 18 May 2021 13:55

Tgt Ion: 43 Resp: 40661

Ion Ratio Lower Upper

43 100

72 3.9 19.4 29.0#



#26

2,2-Dichloropropane

Concen: 9.96 ug/l

RT: 6.801 min Scan# 817

Delta R.T. -0.189 min

Lab File: VY004824.D

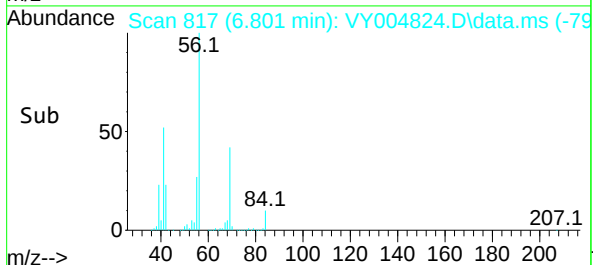
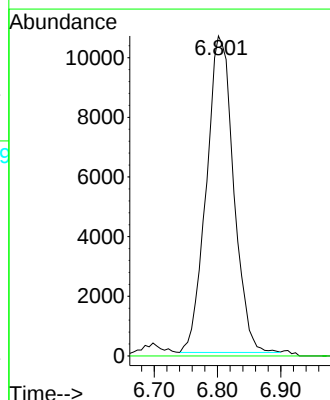
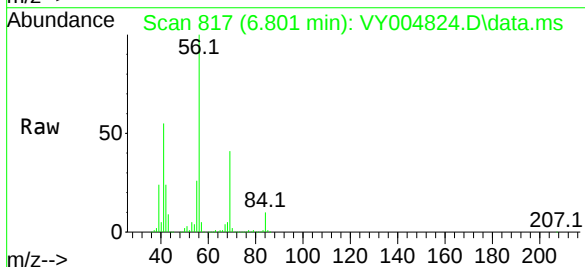
Acq: 18 May 2021 13:55

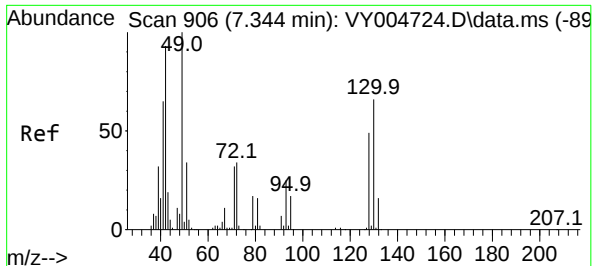
Tgt Ion: 77 Resp: 31838

Ion Ratio Lower Upper

77 100

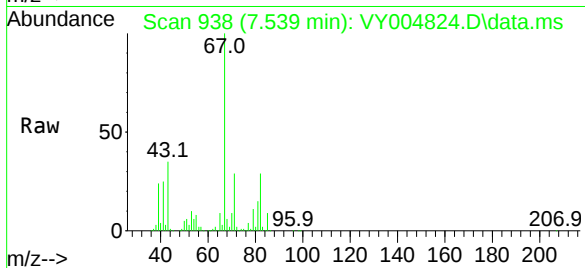
97 0.0 10.9 32.9#



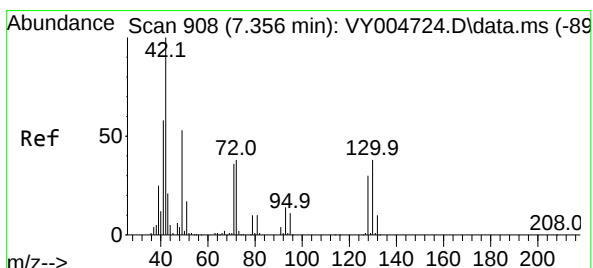
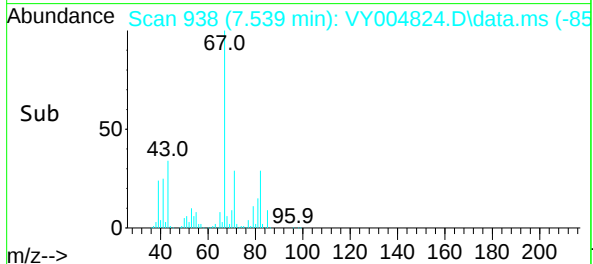
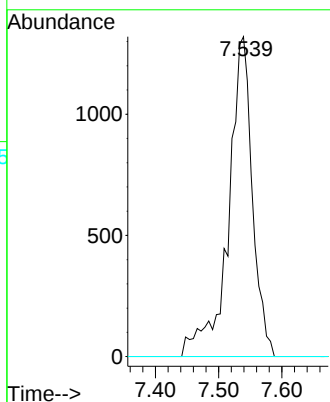


#28
Bromochloromethane
Concen: 1.95 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.195 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

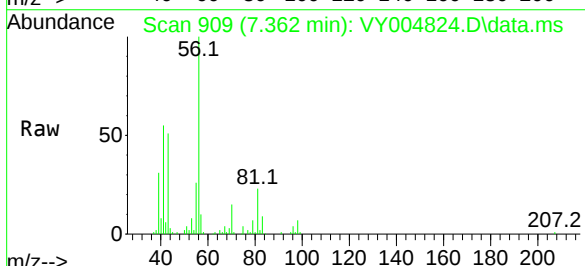
Instrument :
MSVOA_Y
ClientSampled :



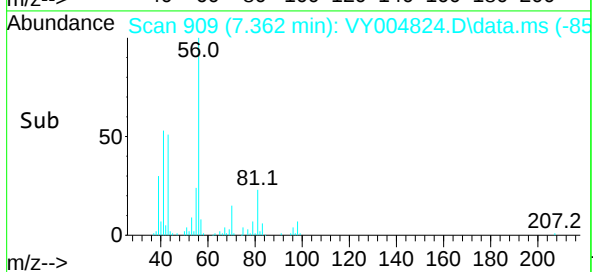
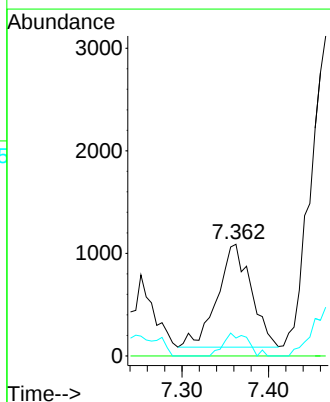
Tgt Ion: 49 Resp: 3482
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 52.8 79.2#

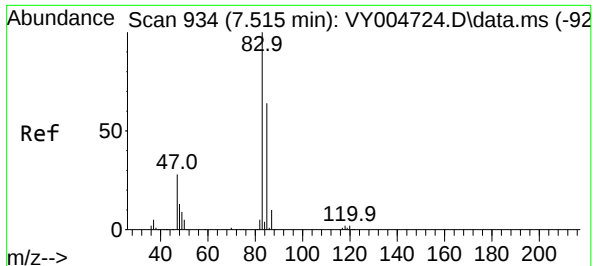


#29
Tetrahydrofuran
Concen: 5.14 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55



Tgt Ion: 42 Resp: 2727
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0#
71 0.0 28.0 42.0#

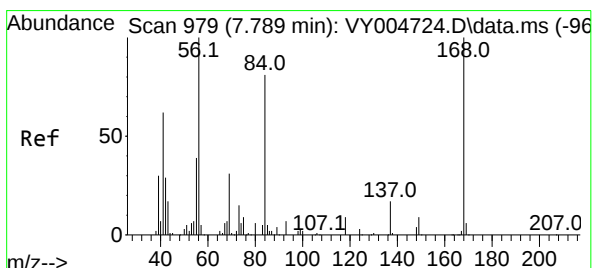
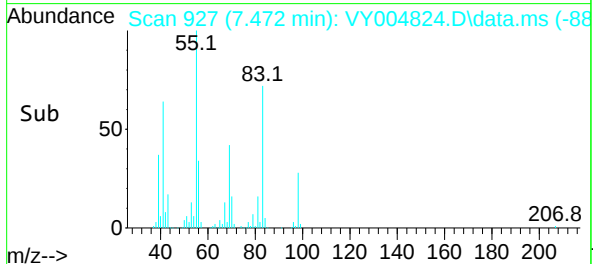
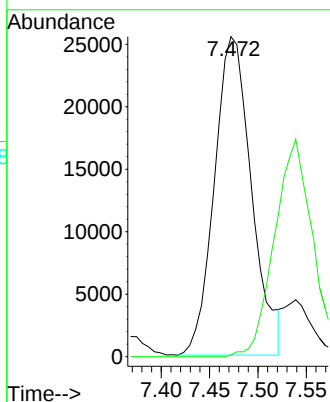
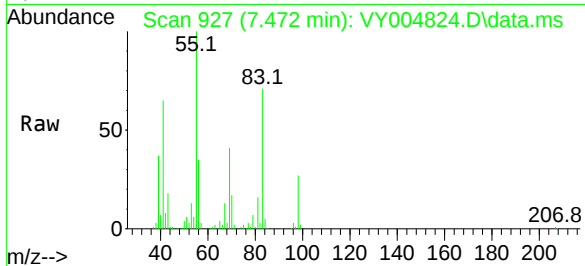




#30
Chloroform
Concen: 18.88 ug/l
RT: 7.472 min Scan# 927
Delta R.T. -0.043 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

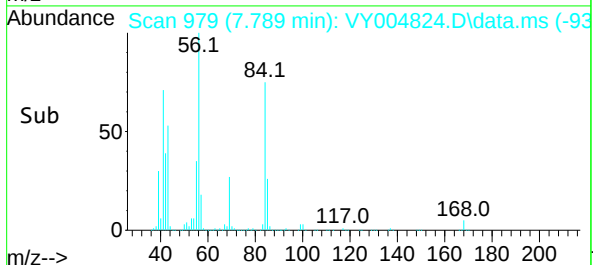
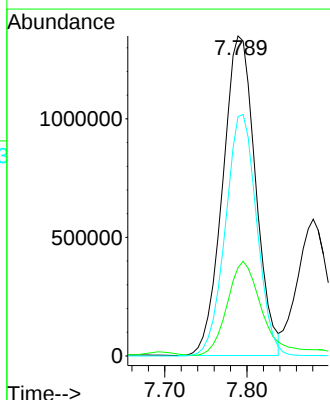
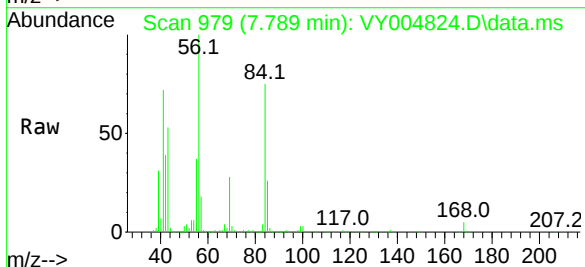
Instrument :
MSVOA_Y
ClientSampleId :

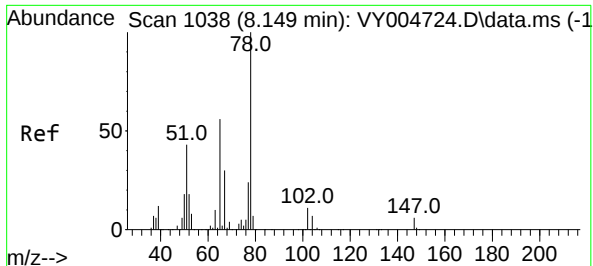
Tgt Ion: 83 Resp: 68072
Ion Ratio Lower Upper
83 100
85 0.5 51.3 76.9#



#31
Cyclohexane
Concen: 1108.30 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 56 Resp: 3736906
Ion Ratio Lower Upper
56 100
69 27.1 24.4 36.6
84 74.9 64.8 97.2

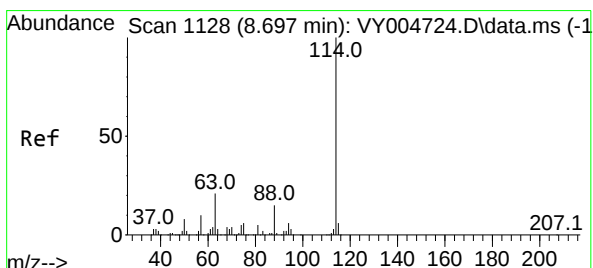
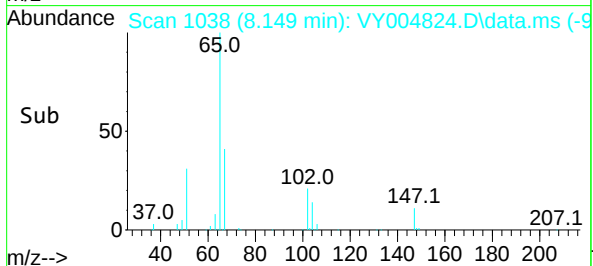
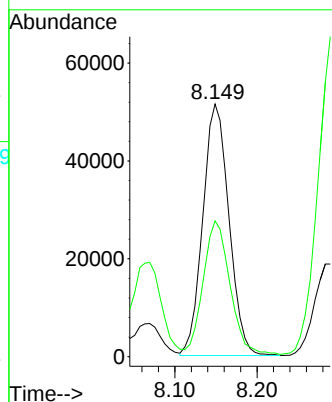
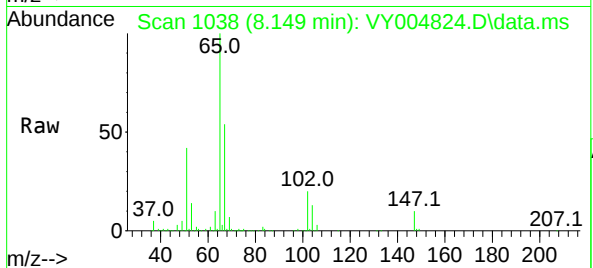




#33
1,2-Dichloroethane-d4
Concen: 54.54 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

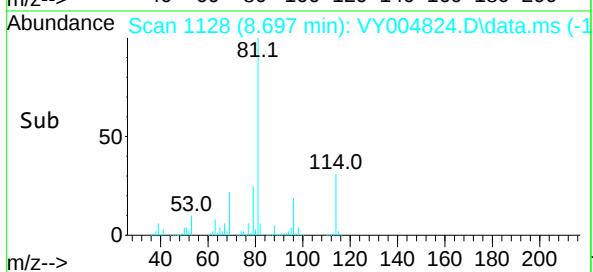
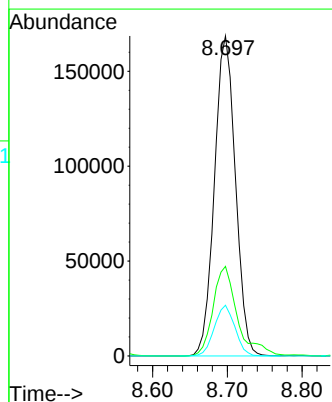
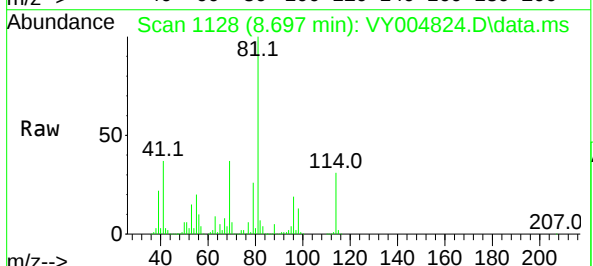
Instrument :
MSVOA_Y
ClientSampled :

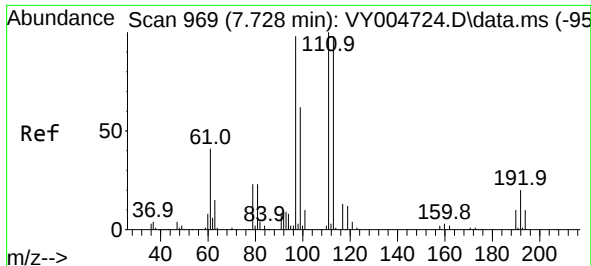
Tgt Ion: 65 Resp: 113610
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 114 Resp: 328576
Ion Ratio Lower Upper
114 100
63 28.0 0.0 42.8
88 15.8 0.0 31.0

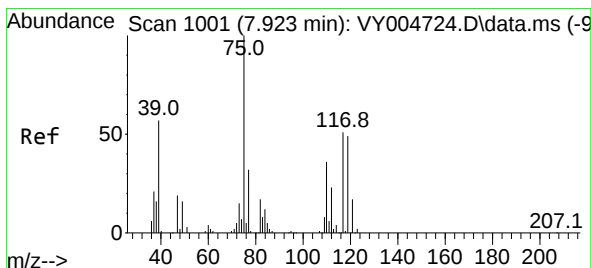
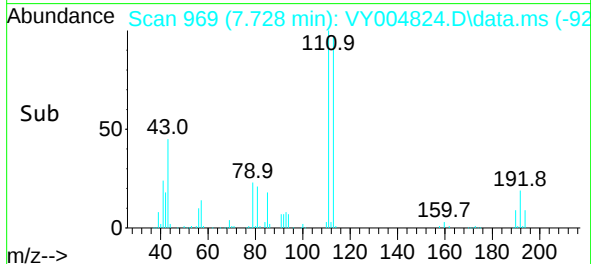
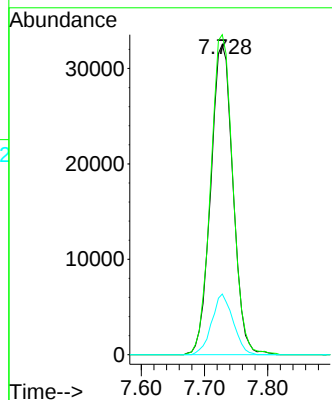
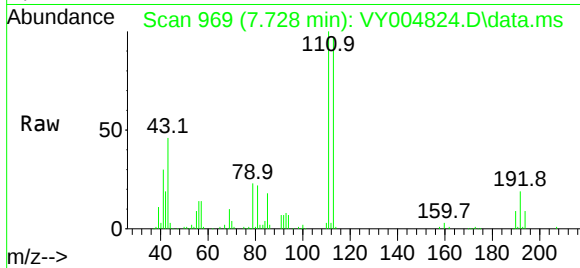




#35
Dibromofluoromethane
Concen: 44.12 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

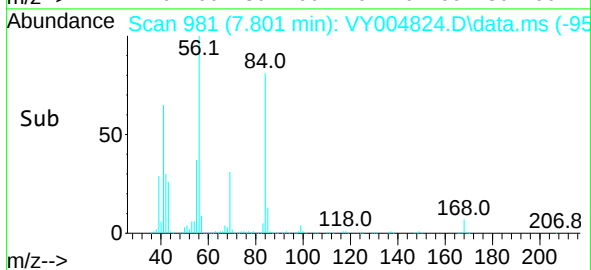
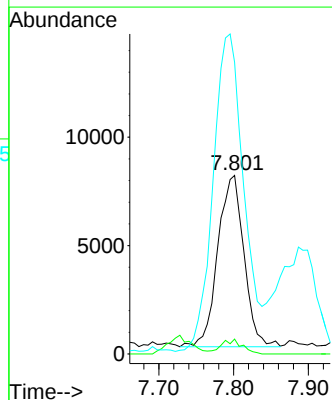
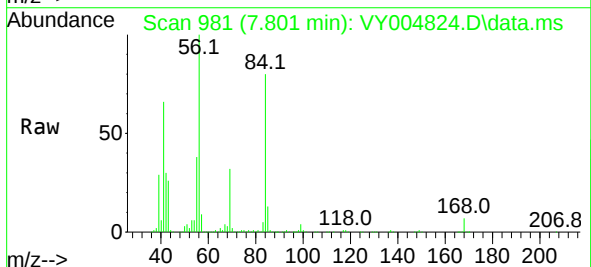
Instrument :
MSVOA_Y
ClientSampled :

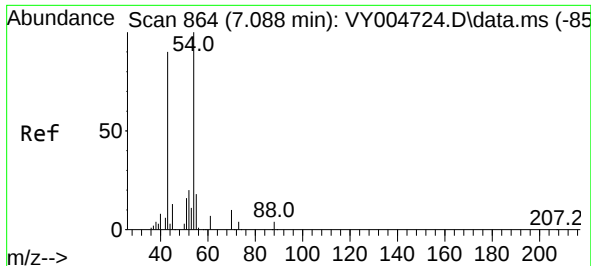
Tgt Ion:113 Resp: 79361
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 18.7 15.0 22.6



#36
1,1-Dichloropropene
Concen: 5.73 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 75 Resp: 19308
Ion Ratio Lower Upper
75 100
110 6.9 17.0 50.9#
77 214.7 25.0 37.4#

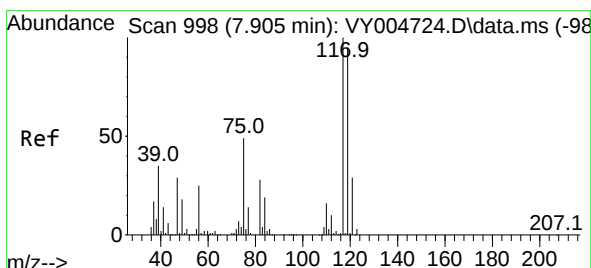
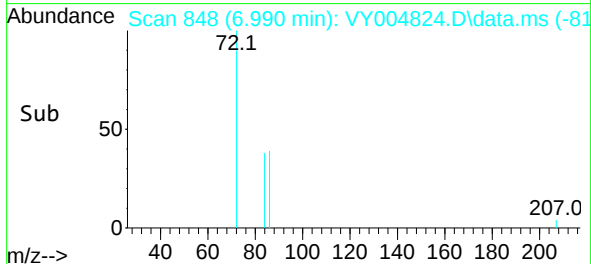
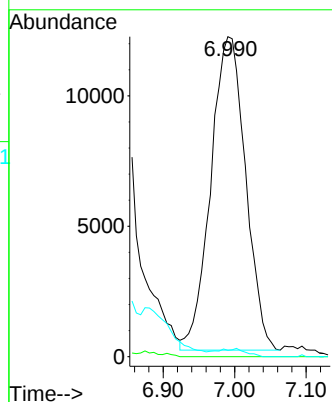
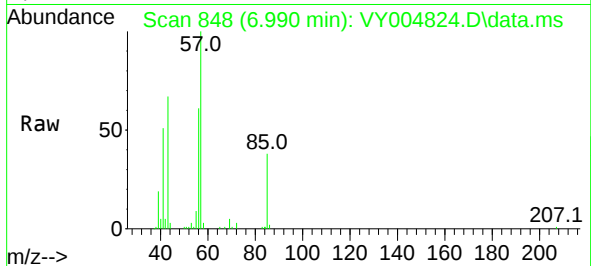




#37
Ethyl Acetate
Concen: 17.62 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.097 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

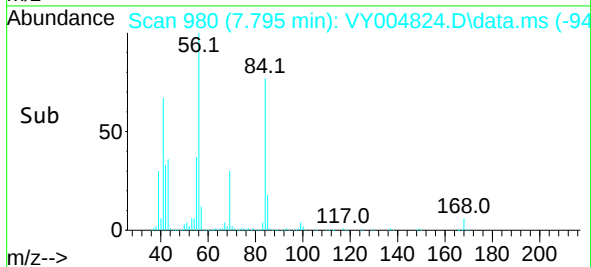
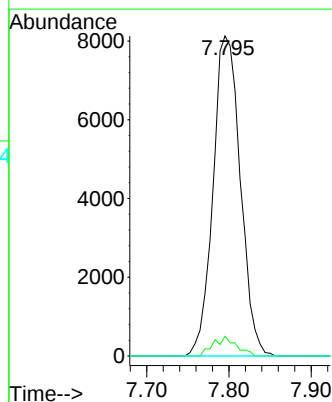
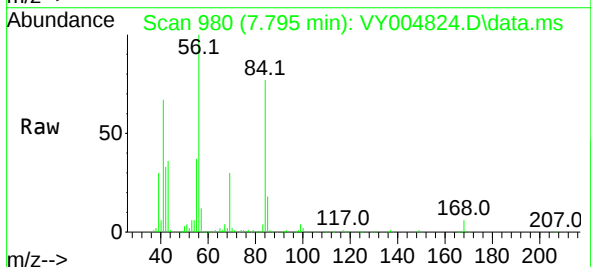
Instrument :
MSVOA_Y
ClientSampleId :

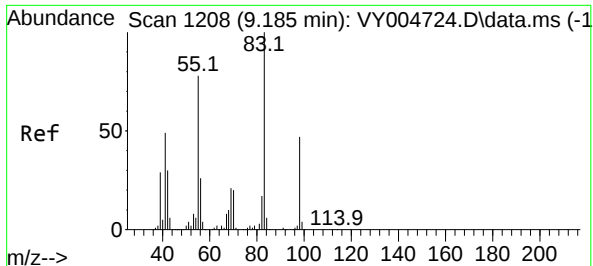
Tgt Ion: 43 Resp: 40661
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.0 6.7 10.1#



#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 117 Resp: 18712
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 23.0 34.6#





#39

Methylcyclohexane

Concen: 3025.03 ug/l

RT: 9.191 min Scan# 1209

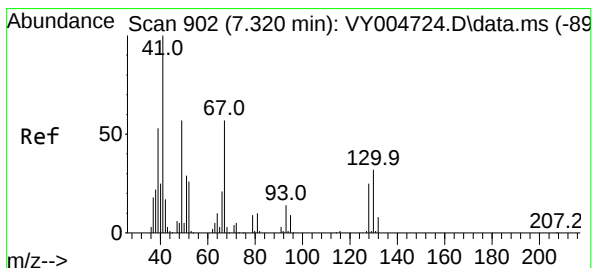
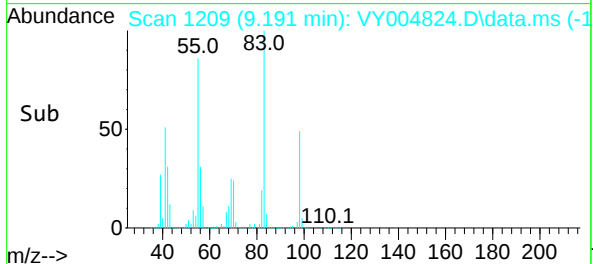
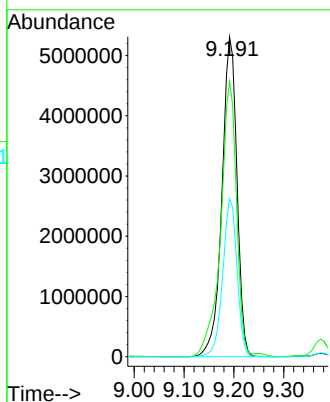
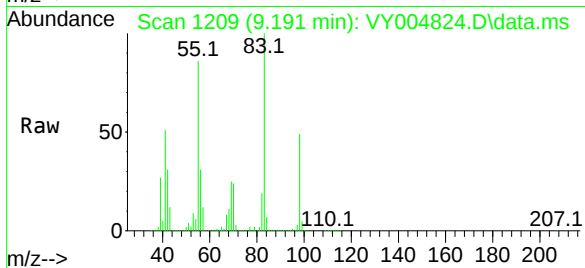
Delta R.T. 0.006 min

Lab File: VY004824.D

Acq: 18 May 2021 13:55

Tgt Ion: 83 Resp:11108402

Ion	Ratio	Lower	Upper
83	100		
55	86.0	62.6	94.0
98	49.3	37.8	56.6



#41

Methacrylonitrile

Concen: 21.71 ug/l

RT: 7.362 min Scan# 909

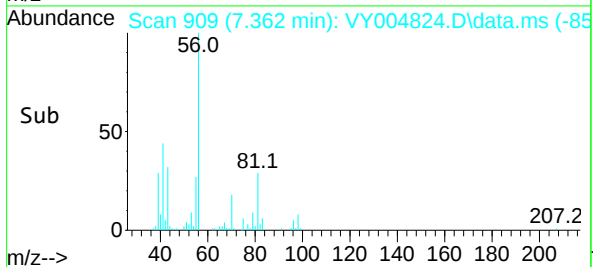
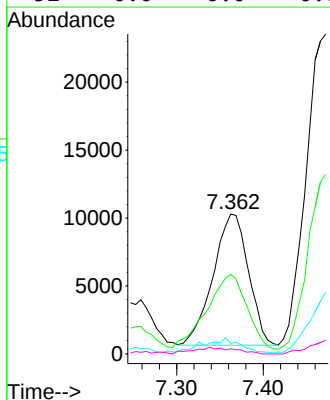
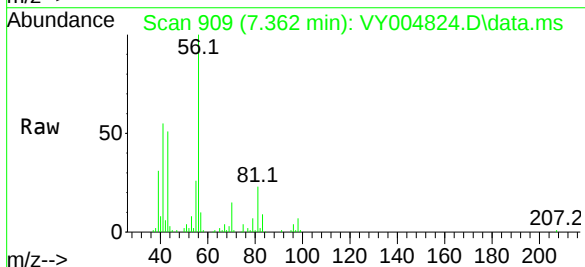
Delta R.T. 0.043 min

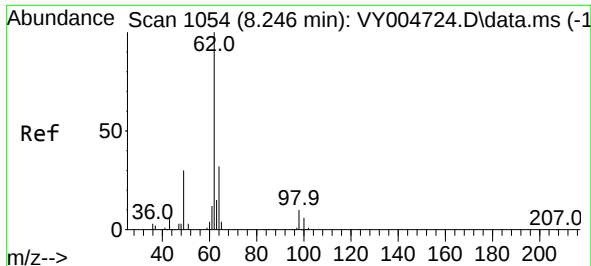
Lab File: VY004824.D

Acq: 18 May 2021 13:55

Tgt Ion: 41 Resp: 27371

Ion	Ratio	Lower	Upper
41	100		
39	64.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

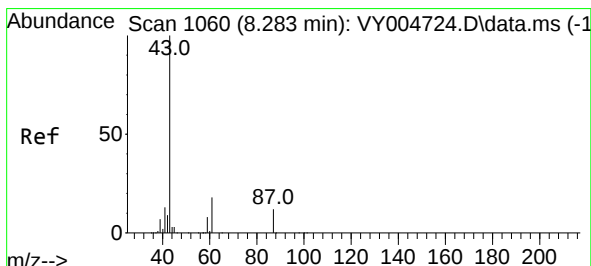
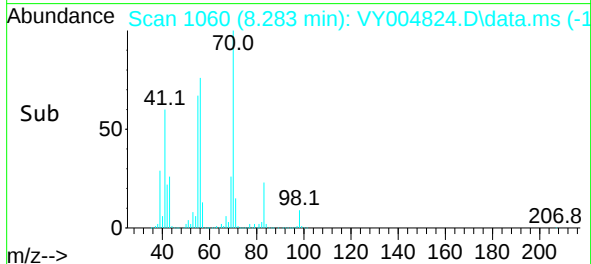
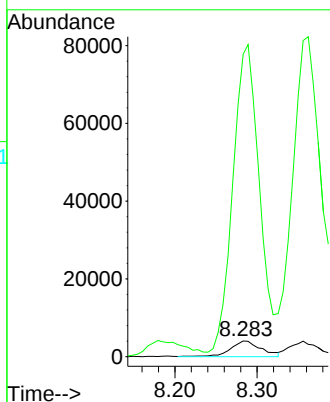
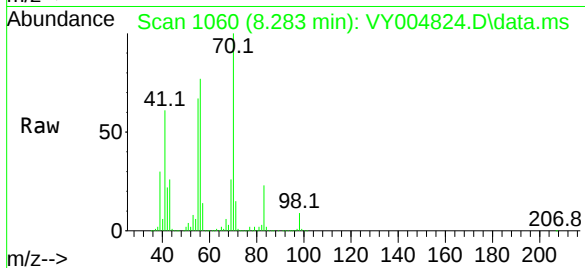




#42
1,2-Dichloroethane
Concen: 3.48 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.037 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

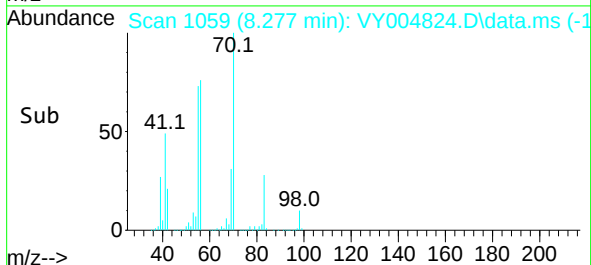
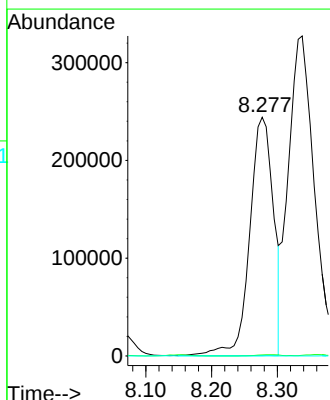
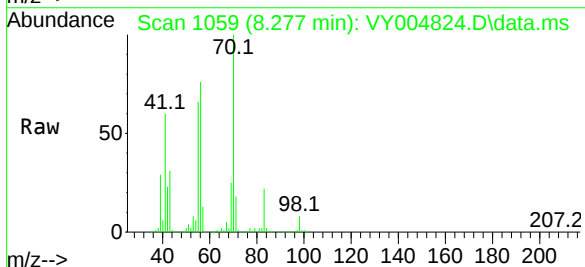
Instrument :
MSVOA_Y
ClientSampled :

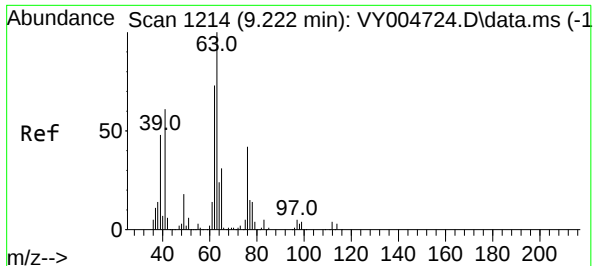
Tgt Ion: 62 Resp: 10452
Ion Ratio Lower Upper
62 100
98 1696.5 0.0 18.2#



#43
Isopropyl Acetate
Concen: 142.20 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 43 Resp: 609149
Ion Ratio Lower Upper
43 100
61 0.5 20.3 30.5#
87 0.0 9.2 13.8#

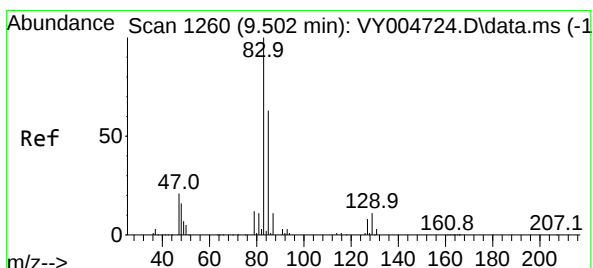
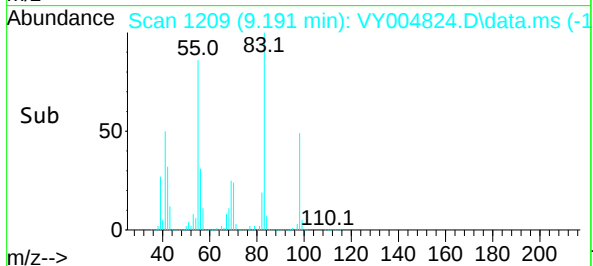
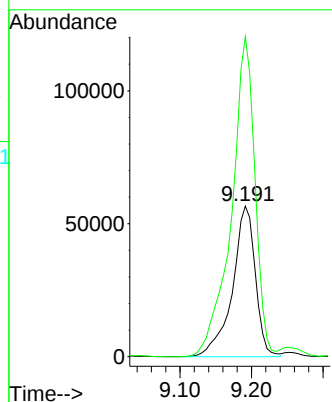
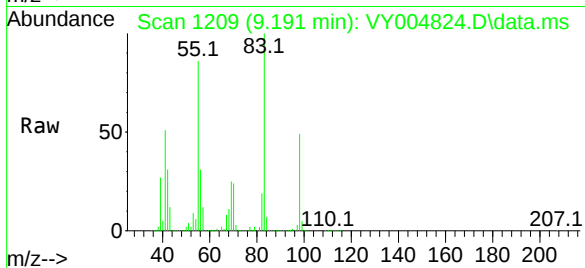




#45
1,2-Dichloropropane
Concen: 50.73 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.030 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

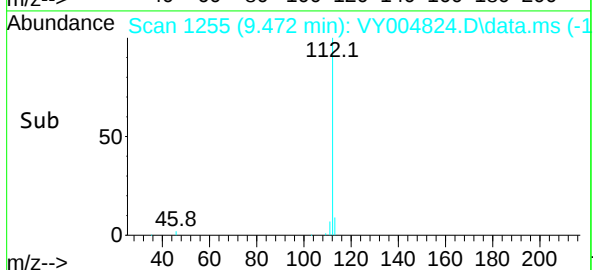
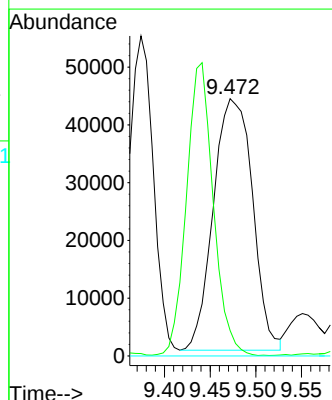
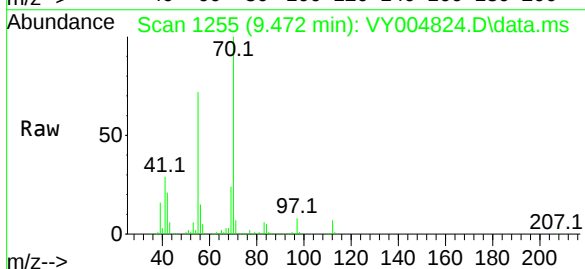
Instrument :
MSVOA_Y
ClientSampled :

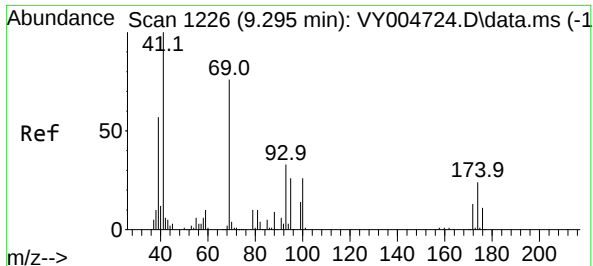
Tgt Ion: 63 Resp: 126324
Ion Ratio Lower Upper
63 100
65 212.5 25.0 37.4#



#47
Bromodichloromethane
Concen: 39.46 ug/l
RT: 9.472 min Scan# 1255
Delta R.T. -0.030 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 83 Resp: 129634
Ion Ratio Lower Upper
83 100
85 9.7 50.4 75.6#
127 0.0 6.6 9.8#





#48

Methyl methacrylate

Concen: 145.06 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. -0.049 min

Lab File: VY004824.D

Acq: 18 May 2021 13:55

Tgt Ion: 41 Resp: 282792

Ion Ratio Lower Upper

41 100

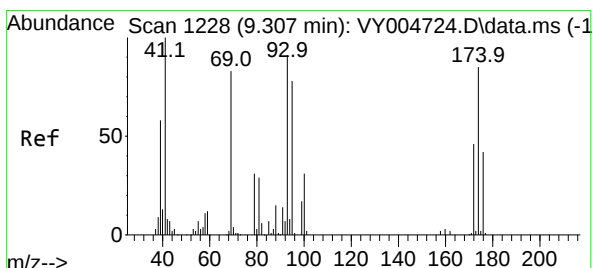
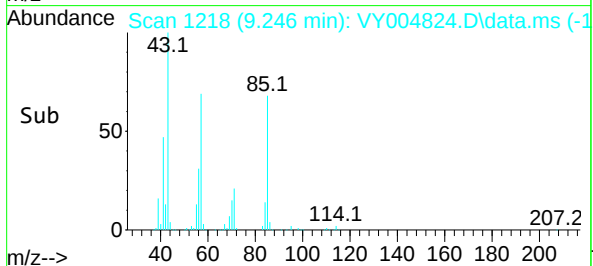
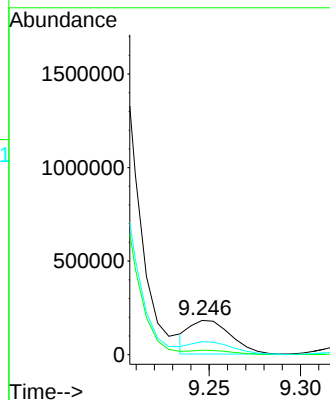
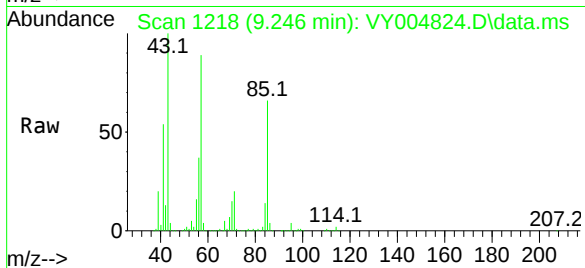
69 0.0 62.0 93.0#

39 38.3 48.4 72.6#

Instrument :

MSVOA_Y

ClientSampleId :



#49

1,4-Dioxane

Concen: 6.44 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.116 min

Lab File: VY004824.D

Acq: 18 May 2021 13:55

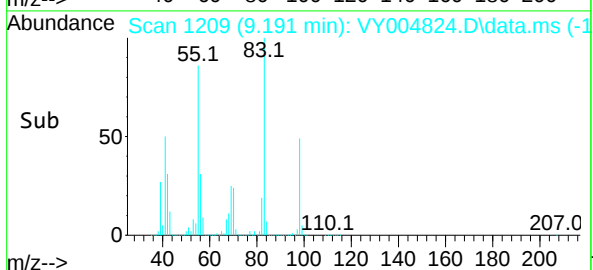
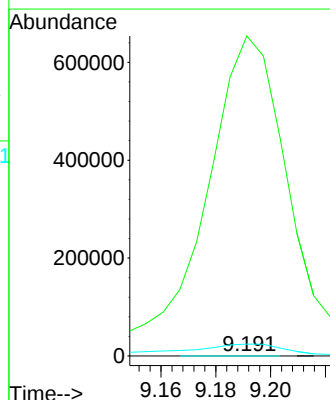
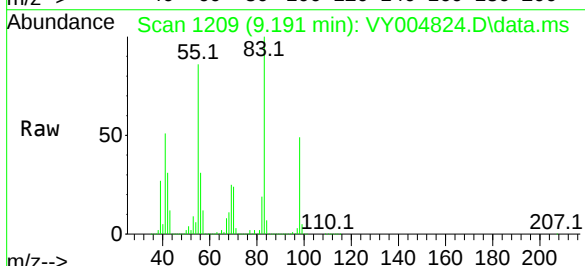
Tgt Ion: 88 Resp: 105

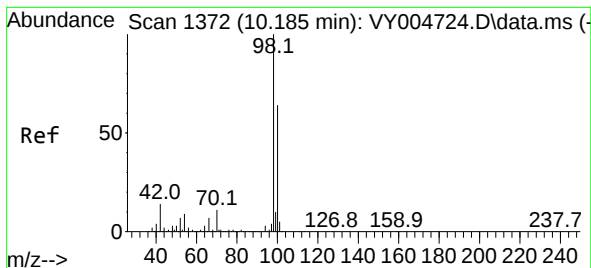
Ion Ratio Lower Upper

88 100

43 1315430.5 32.1 48.1#

58 63513.3 64.2 96.4#

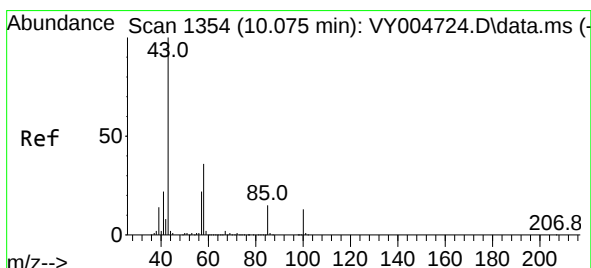
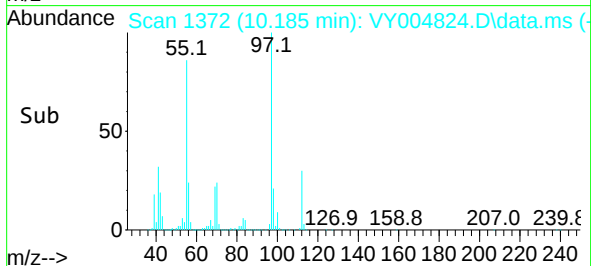
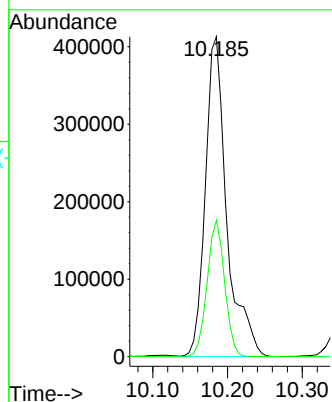
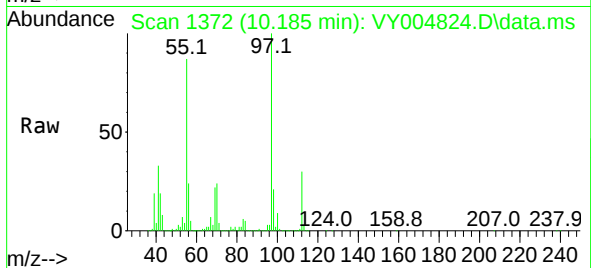




#50
Toluene-d8
Concen: 100.74 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

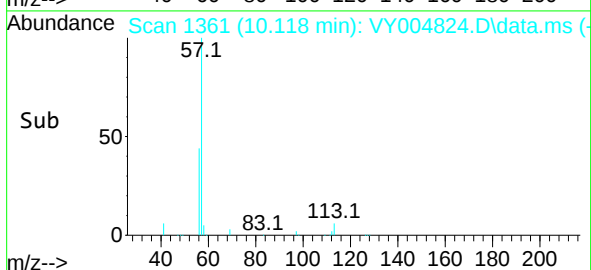
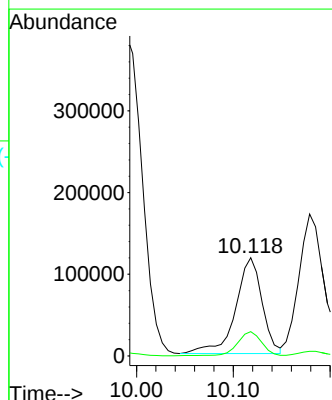
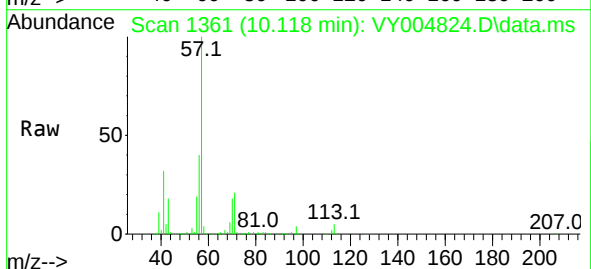
Instrument :
MSVOA_Y
ClientSampled :

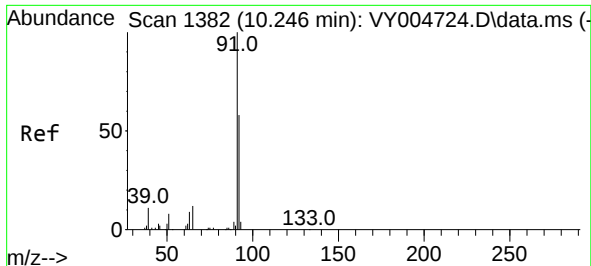
Tgt Ion: 98 Resp: 818630
Ion Ratio Lower Upper
98 100
100 34.9 51.5 77.3#



#51
4-Methyl-2-Pentanone
Concen: 97.20 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.043 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 43 Resp: 224033
Ion Ratio Lower Upper
43 100
58 23.0 28.7 43.1#

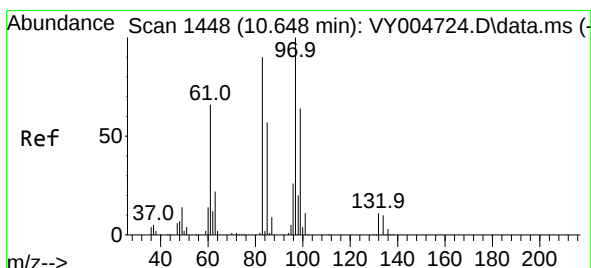
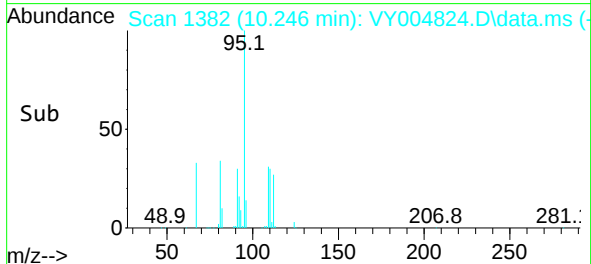
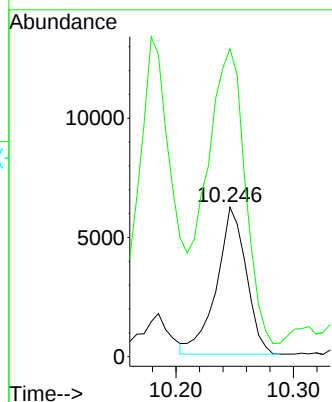
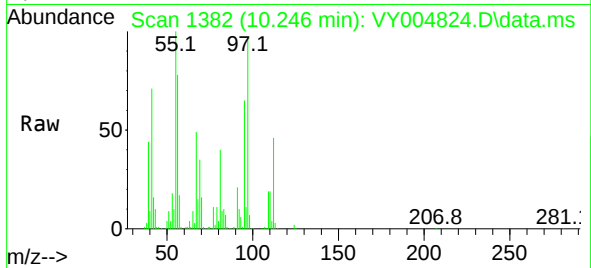




#52
Toluene
Concen: 1.80 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

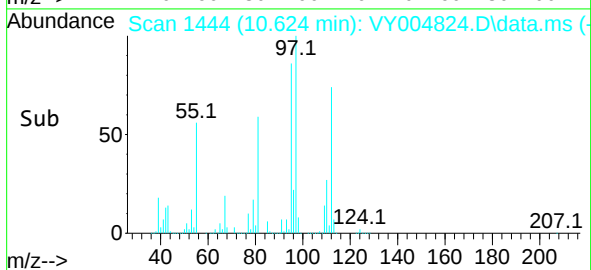
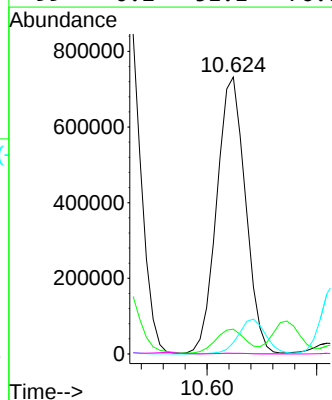
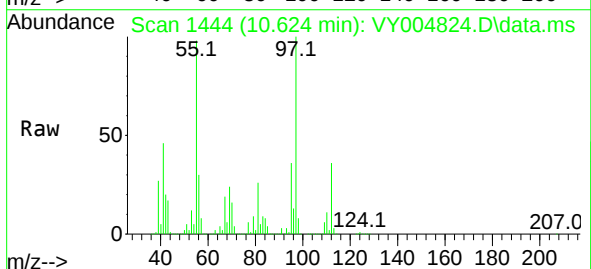
Instrument :
MSVOA_Y
ClientSampled :

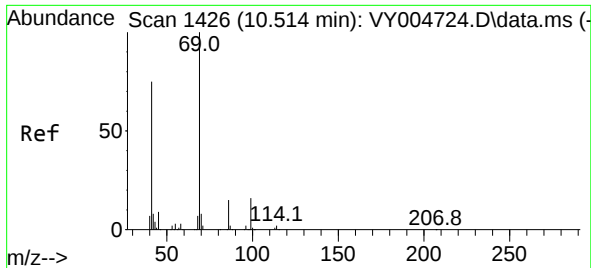
Tgt Ion: 92 Resp: 10807
Ion Ratio Lower Upper
92 100
91 259.9 138.2 207.4#



#55
1,1,2-Trichloroethane
Concen: 696.26 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 97 Resp: 1327081
Ion Ratio Lower Upper
97 100
83 8.6 71.9 107.9#
85 4.1 45.8 68.6#
99 0.2 51.1 76.7#

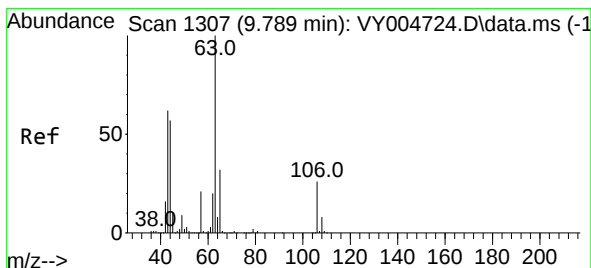
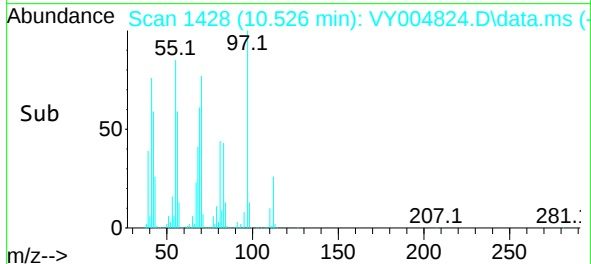
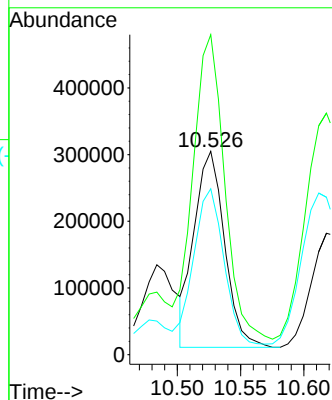
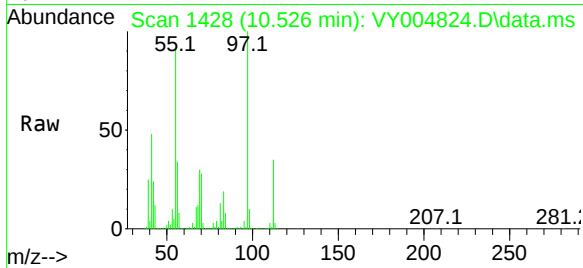




#56
Ethyl methacrylate
Concen: 179.01 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

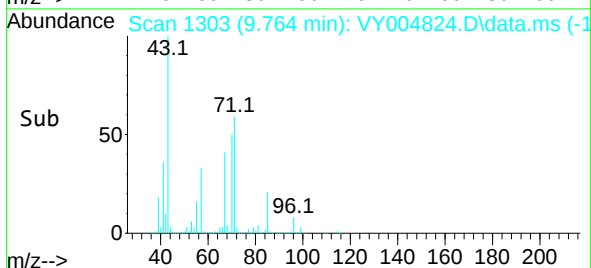
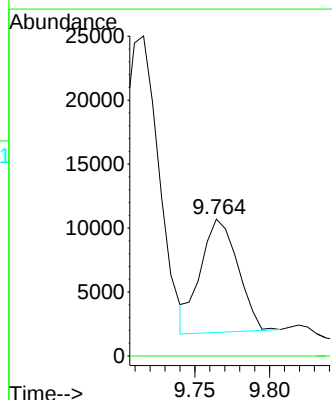
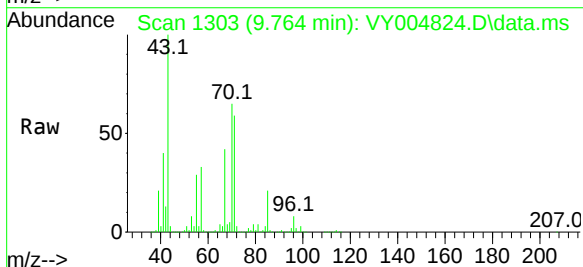
Instrument :
MSVOA_Y
ClientSampled :

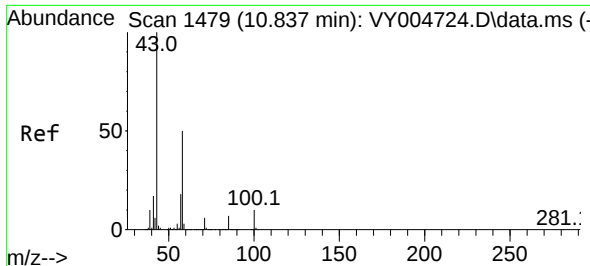
Tgt Ion: 69 Resp: 493428
Ion Ratio Lower Upper
69 100
41 159.2 60.2 90.4#
39 83.9 33.5 50.3#



#58
2-Chloroethyl Vinyl ether
Concen: 10.83 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.024 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 63 Resp: 15406
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#

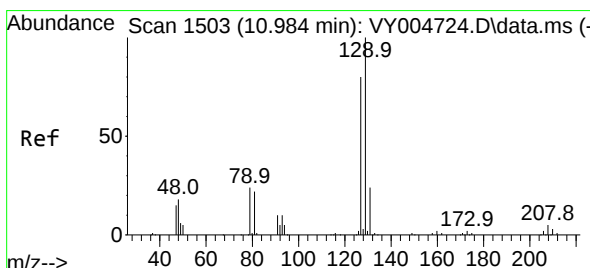
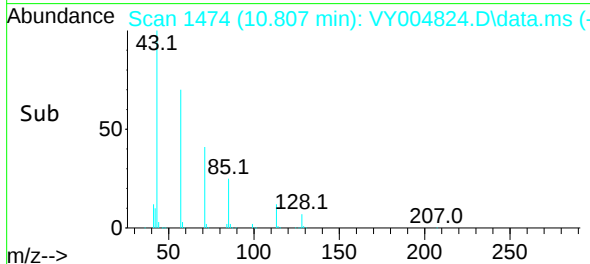
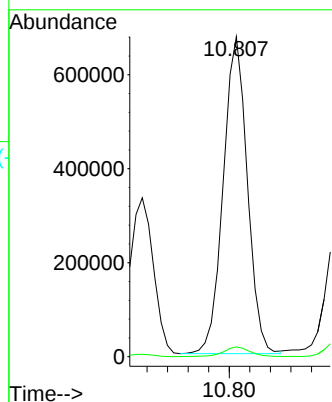
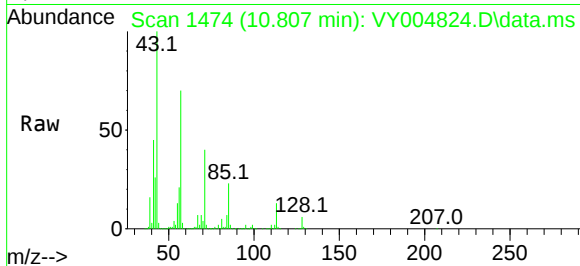




#59
2-Hexanone
Concen: 702.80 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

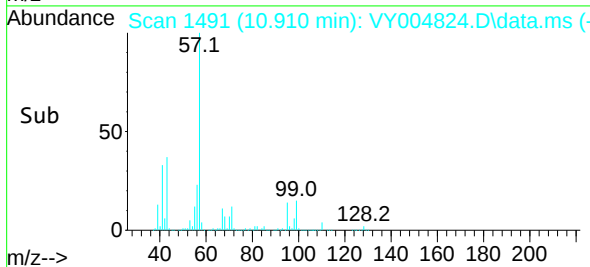
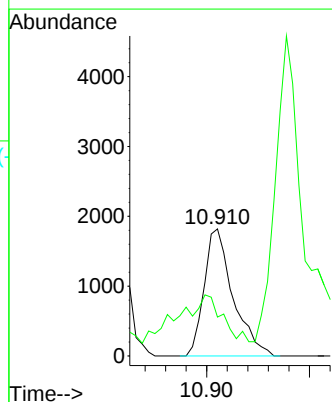
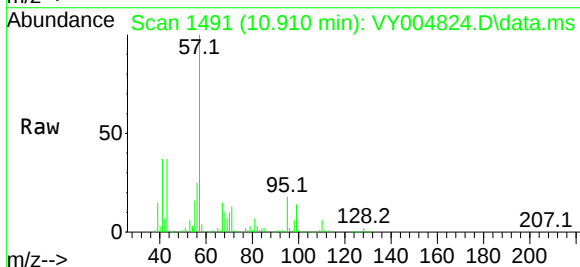
Instrument :
MSVOA_Y
ClientSampleId :

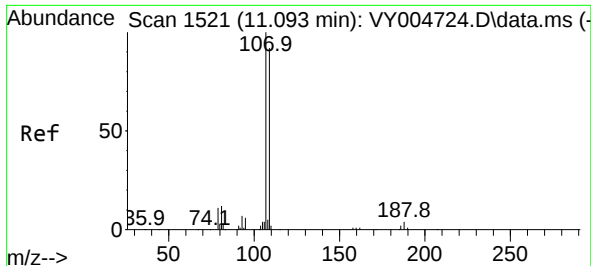
Tgt Ion: 43 Resp: 1097642
Ion Ratio Lower Upper
43 100
58 3.4 24.9 74.8#



#60
Dibromochloromethane
Concen: 1.57 ug/l
RT: 10.910 min Scan# 1491
Delta R.T. -0.073 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:129 Resp: 3560
Ion Ratio Lower Upper
129 100
127 60.7 39.4 118.1

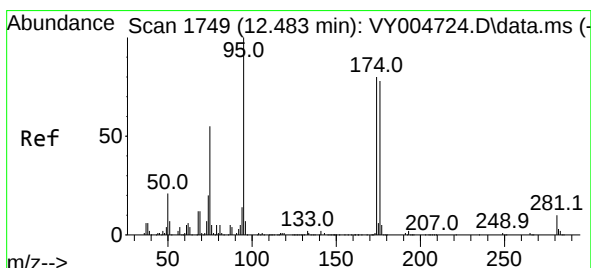
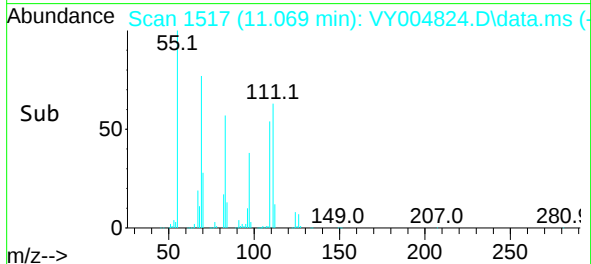
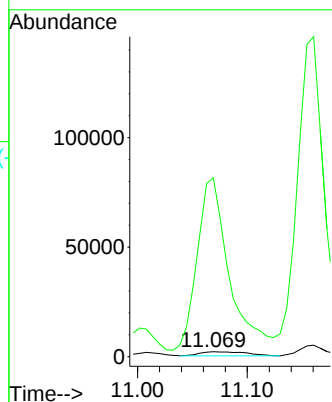
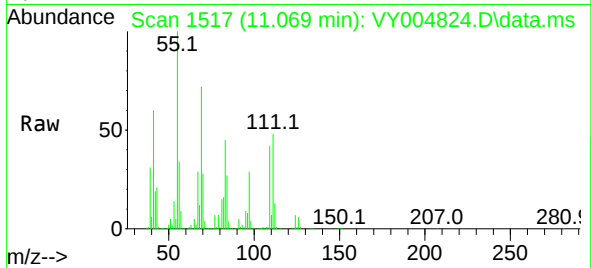




#61
1,2-Dibromoethane
Concen: 3.10 ug/l
RT: 11.069 min Scan# 1517
Delta R.T. -0.024 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

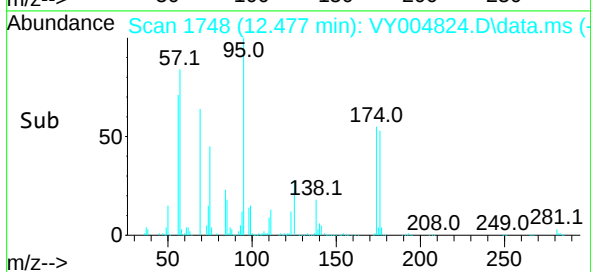
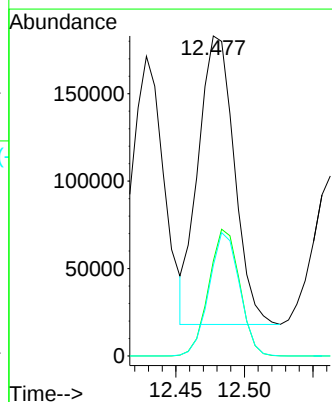
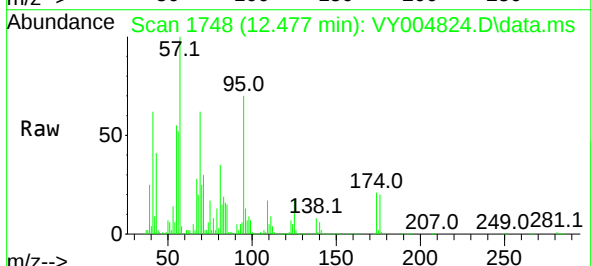
Instrument :
MSVOA_Y
ClientSampleId :

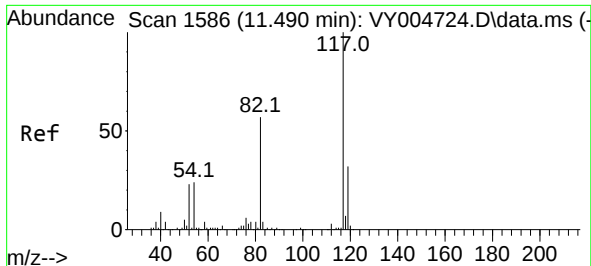
Tgt Ion:107 Resp: 5689
Ion Ratio Lower Upper
107 100
109 2801.2 73.8 110.6#



#62
4-Bromofluorobenzene
Concen: 110.04 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 95 Resp: 301802
Ion Ratio Lower Upper
95 100
174 37.6 0.0 164.2
176 36.3 0.0 159.0

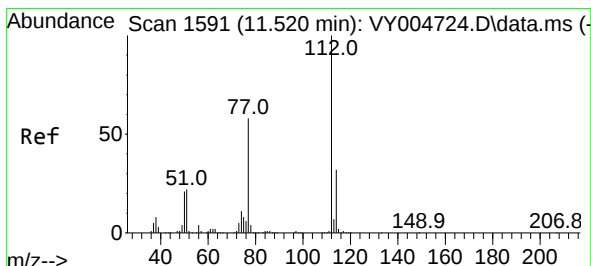
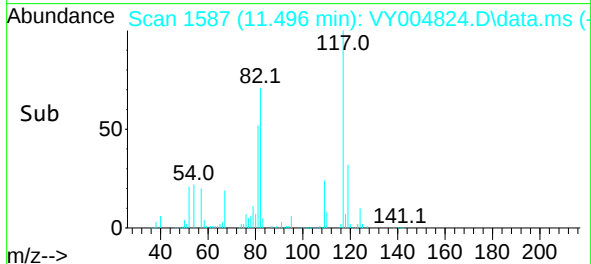
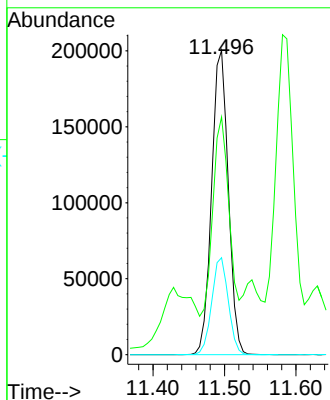
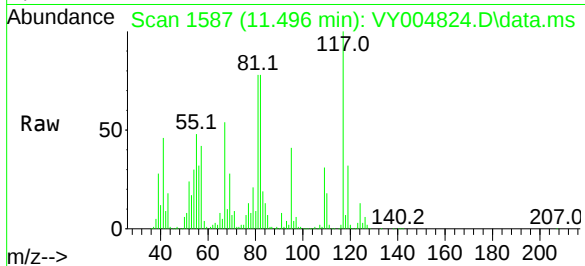




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

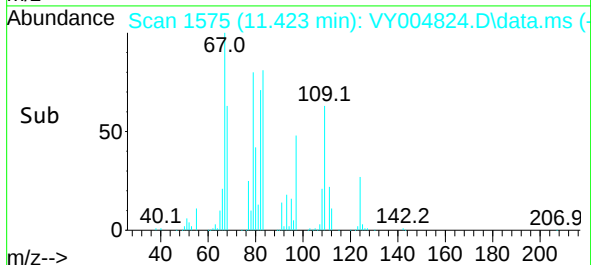
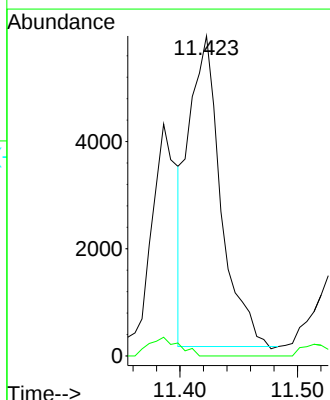
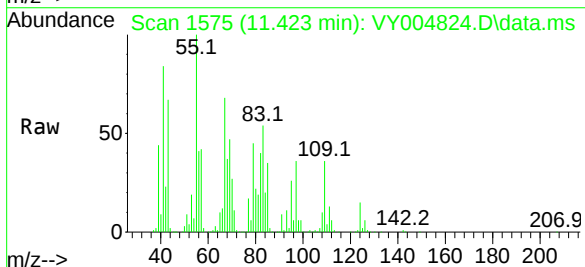
Instrument :
MSVOA_Y
ClientSampleId :

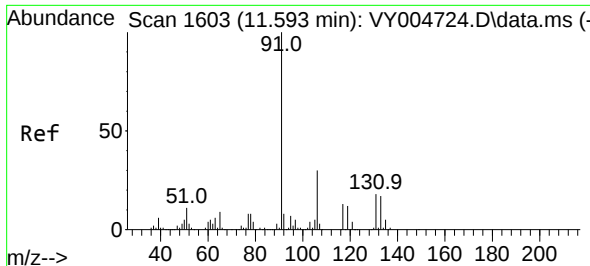
Tgt Ion:117 Resp: 323939
Ion Ratio Lower Upper
117 100
82 58.6 45.4 68.2
119 31.9 25.8 38.6



#65
Chlorobenzene
Concen: 1.66 ug/l
RT: 11.423 min Scan# 1575
Delta R.T. -0.097 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:112 Resp: 11069
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

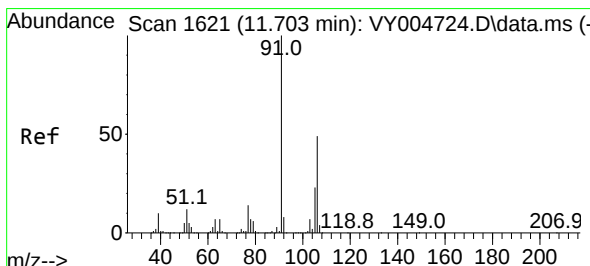
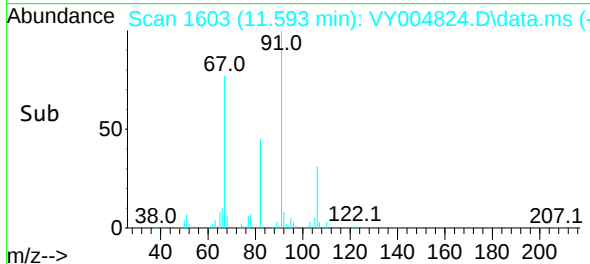
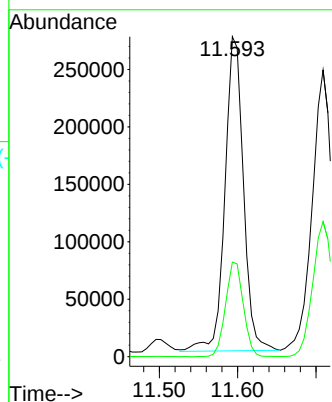
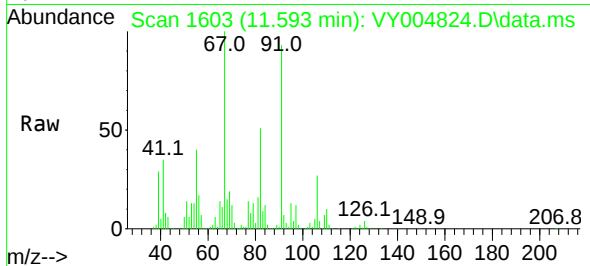




#67
Ethyl Benzene
Concen: 36.37 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

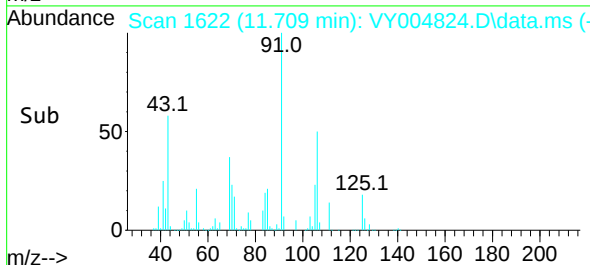
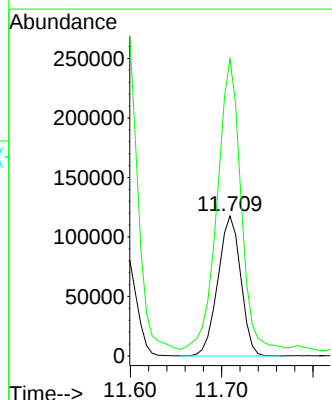
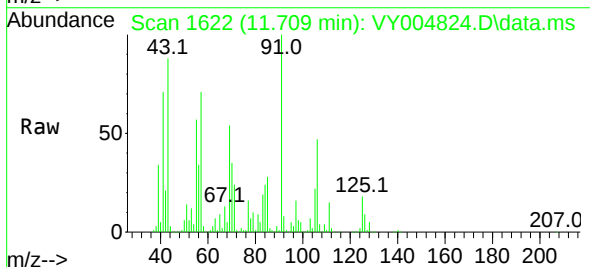
Instrument :
MSVOA_Y
ClientSampled :

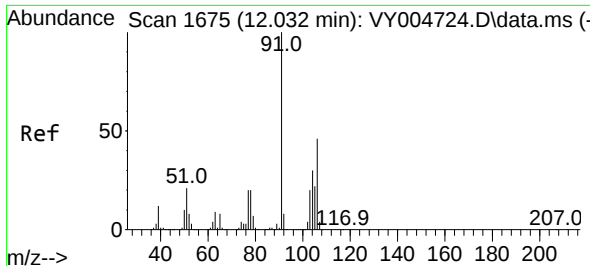
Tgt Ion: 91 Resp: 450508
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 43.82 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:106 Resp: 203923
Ion Ratio Lower Upper
106 100
91 213.5 163.6 245.4

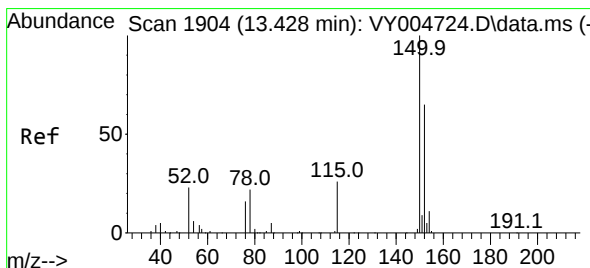
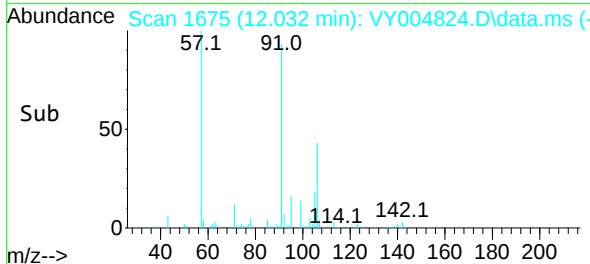
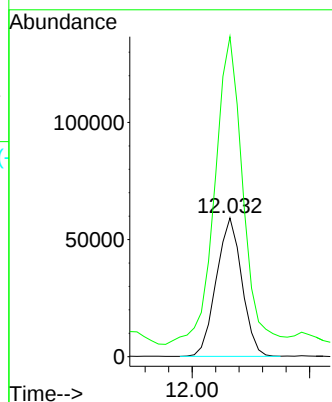
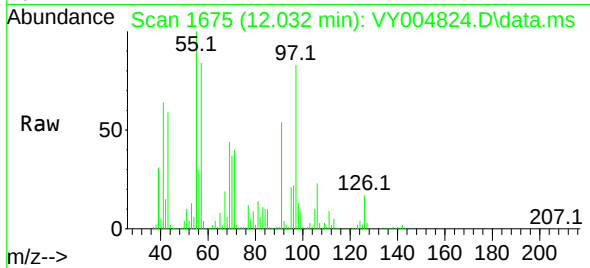




#69
o-Xylene
Concen: 20.46 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

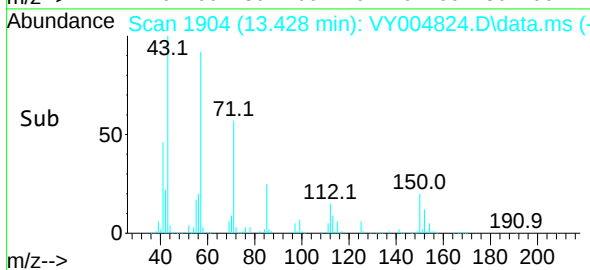
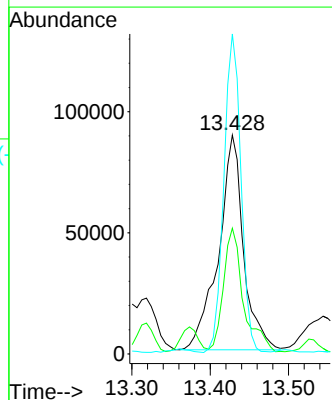
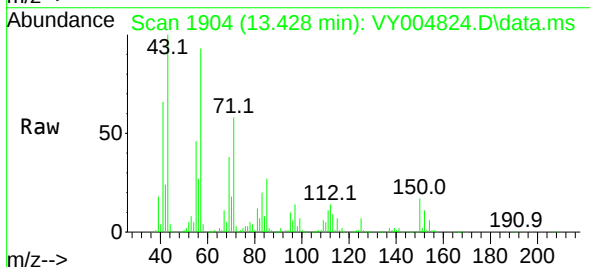
Instrument :
MSVOA_Y
ClientSampled :

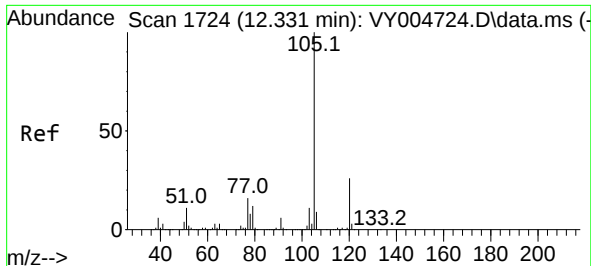
Tgt Ion:106 Resp: 89012
Ion Ratio Lower Upper
106 100
91 245.4 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:152 Resp: 197093
Ion Ratio Lower Upper
152 100
115 45.8 29.4 88.3
150 101.4 0.0 349.8

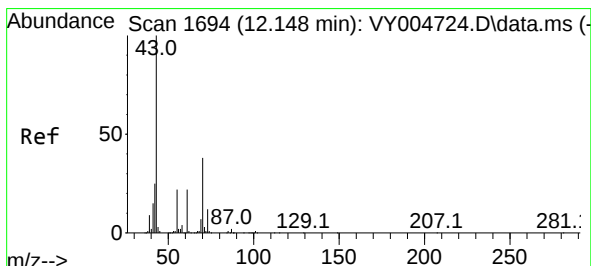
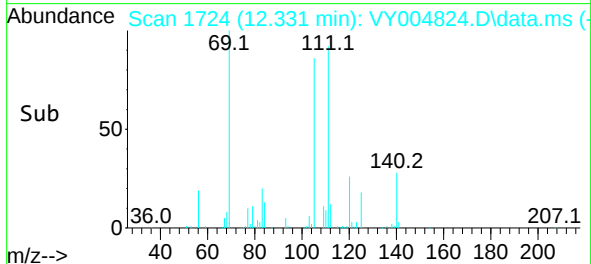
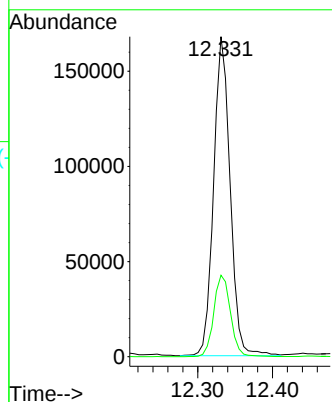
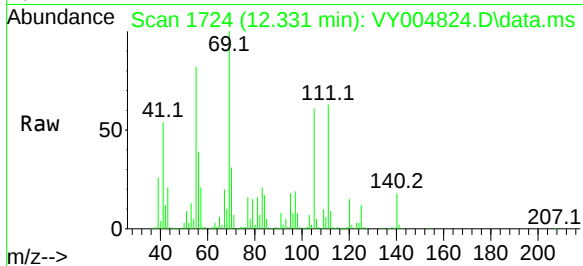




#73
Isopropylbenzene
Concen: 17.38 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

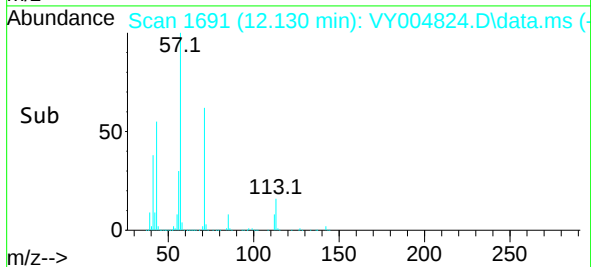
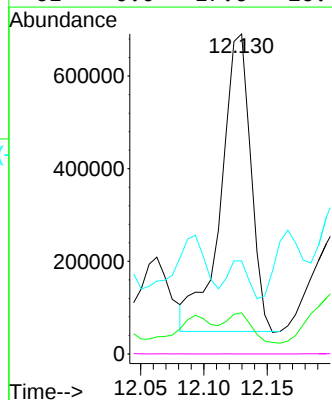
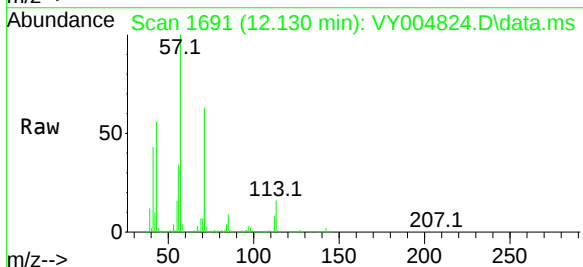
Instrument :
MSVOA_Y
ClientSampleId :

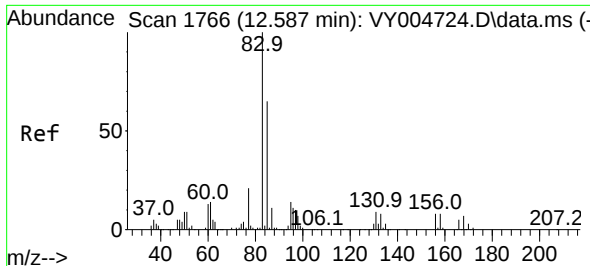
Tgt Ion:105 Resp: 258420
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 201.12 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.018 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 43 Resp: 1057319
Ion Ratio Lower Upper
43 100
70 8.4 30.2 45.2#
55 8.5 17.8 26.8#
61 0.0 17.6 26.4#

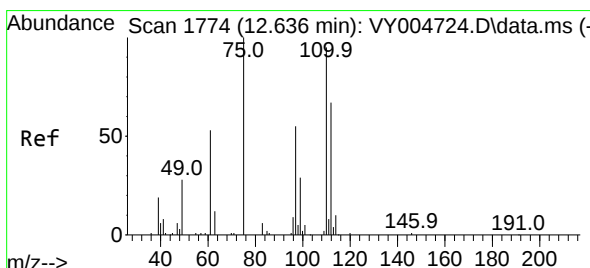
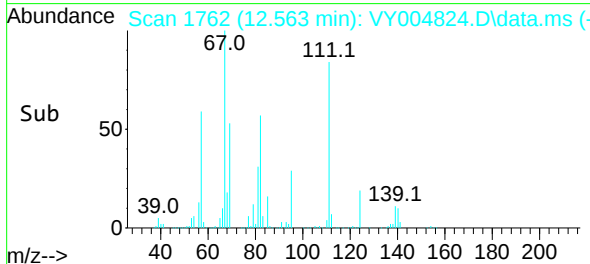
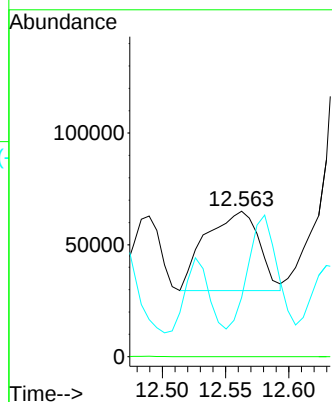
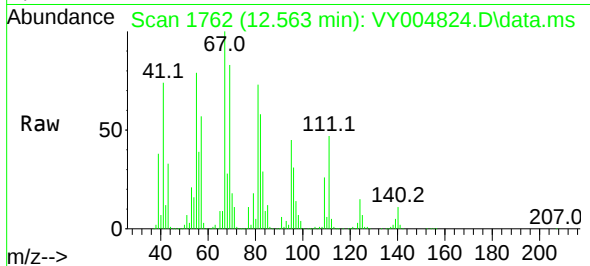




#75
1,1,2,2-Tetrachloroethane
Concen: 35.16 ug/l
RT: 12.563 min Scan# 1762
Delta R.T. -0.024 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

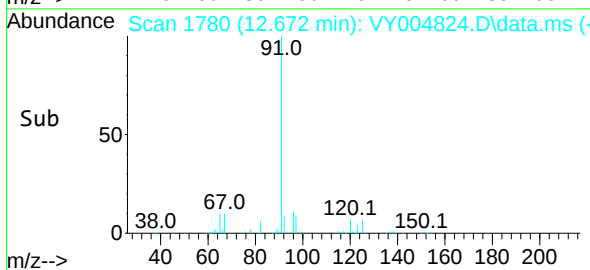
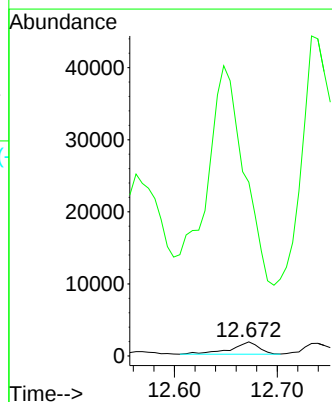
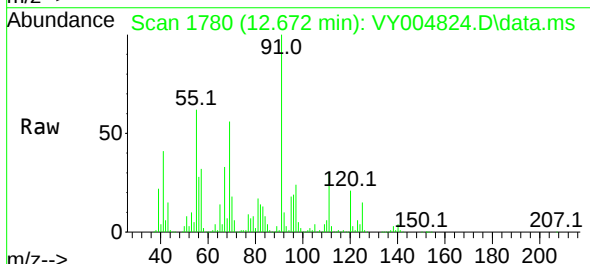
Instrument :
MSVOA_Y
ClientSampleId :

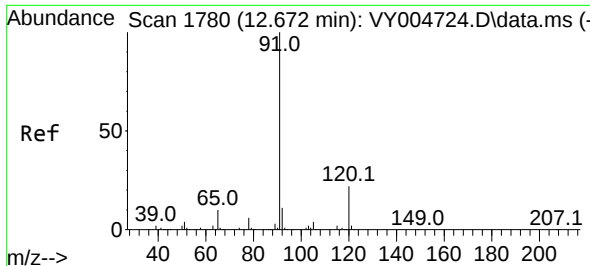
Tgt Ion: 83 Resp: 104336
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 75.2 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 1.54 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.037 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

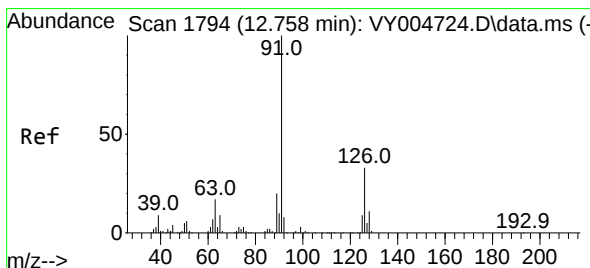
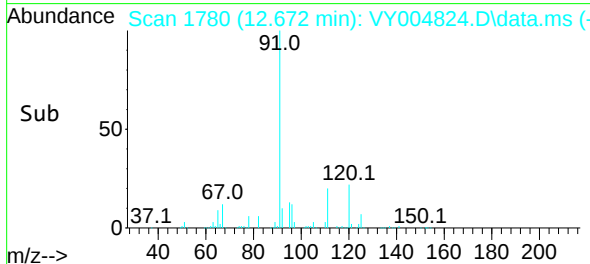
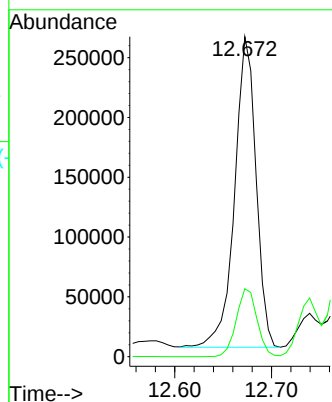
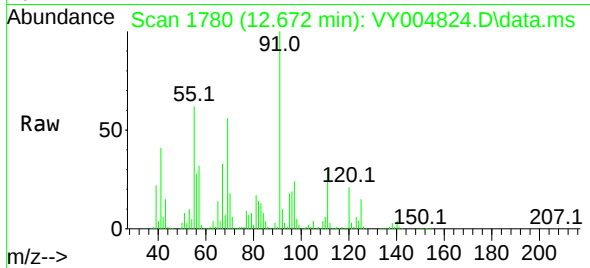




#78
n-propylbenzene
Concen: 22.05 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

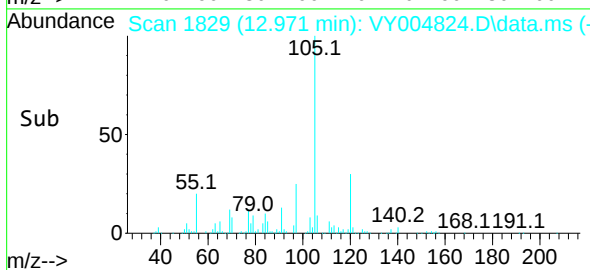
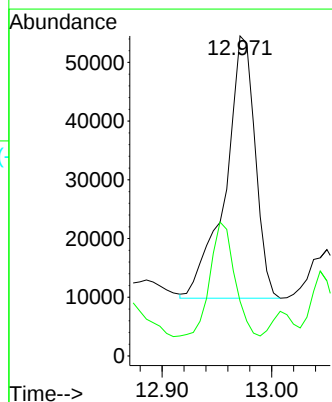
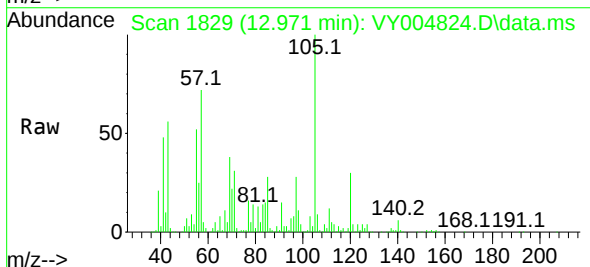
Instrument :
MSVOA_Y
ClientSampled :

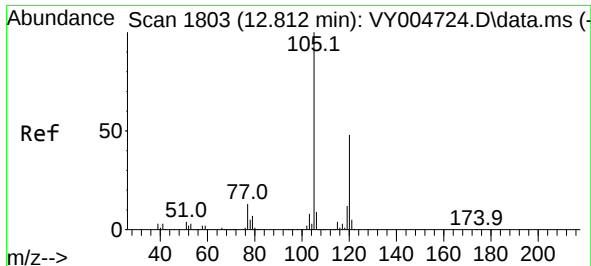
Tgt Ion: 91 Resp: 400081
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.3



#79
2-Chlorotoluene
Concen: 8.47 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. 0.214 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 91 Resp: 84296
Ion Ratio Lower Upper
91 100
126 36.2 16.8 50.3

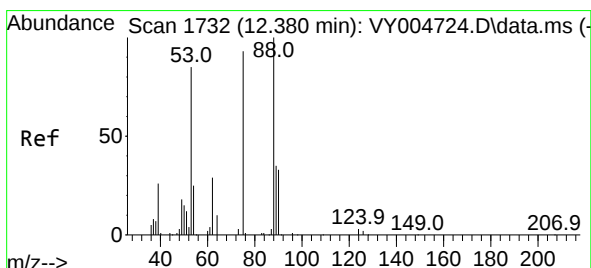
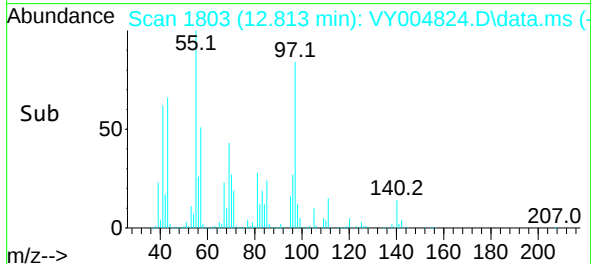
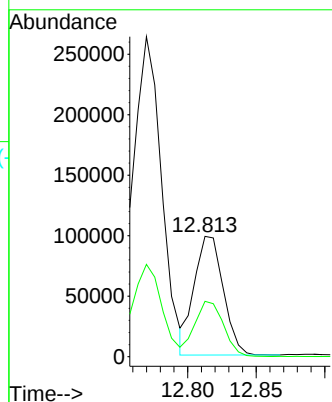
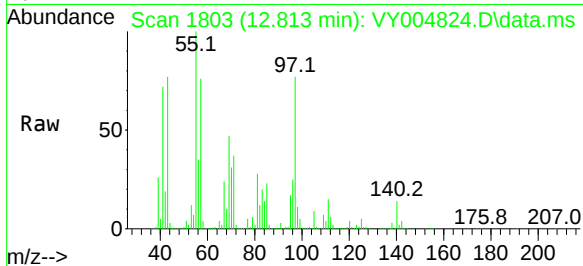




#80
1,3,5-Trimethylbenzene
Concen: 11.75 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

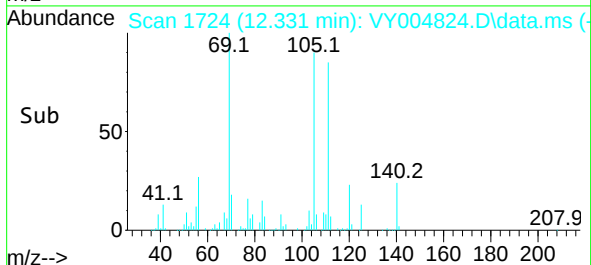
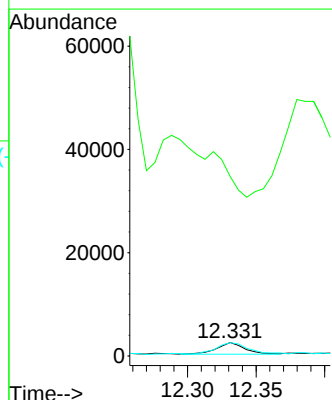
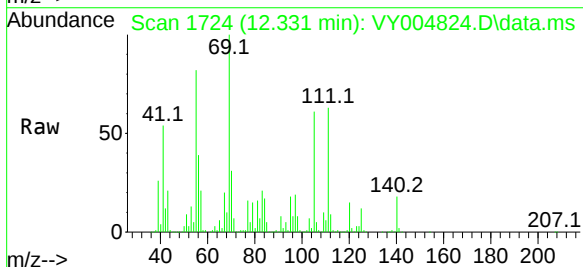
Instrument :
MSVOA_Y
ClientSampled :

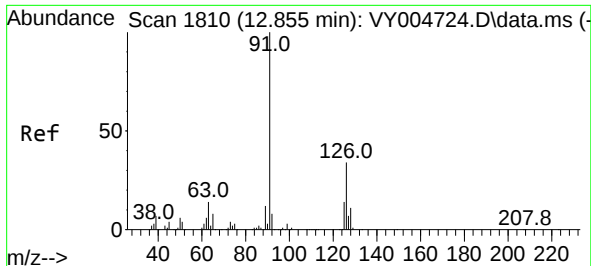
Tgt Ion:105 Resp: 145139
Ion Ratio Lower Upper
105 100
120 46.1 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 2.61 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.049 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 75 Resp: 3152
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 122.0 35.5 53.3#

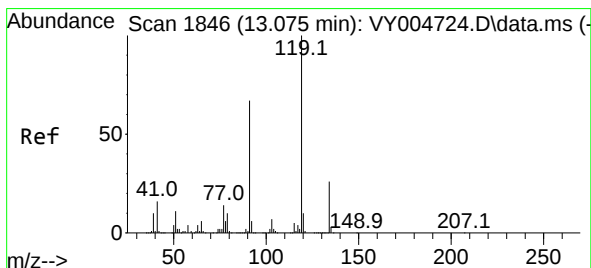
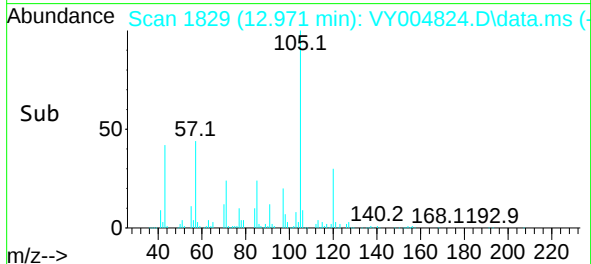
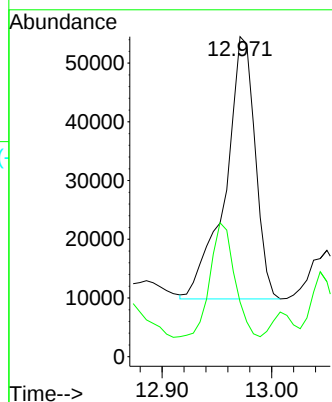
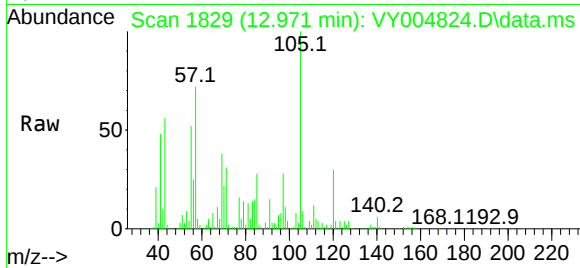




#82
4-Chlorotoluene
Concen: 8.15 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. 0.116 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

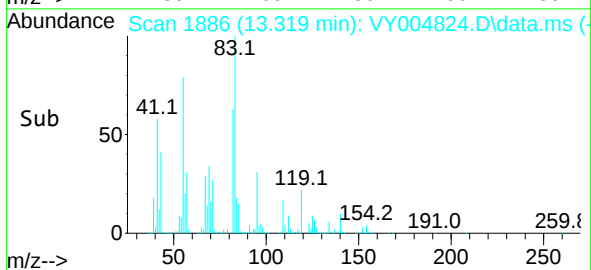
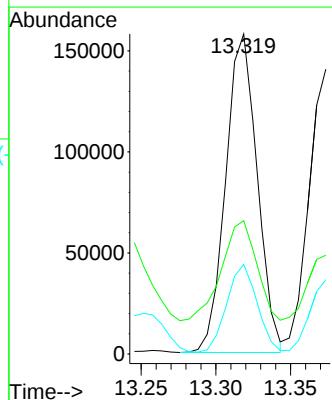
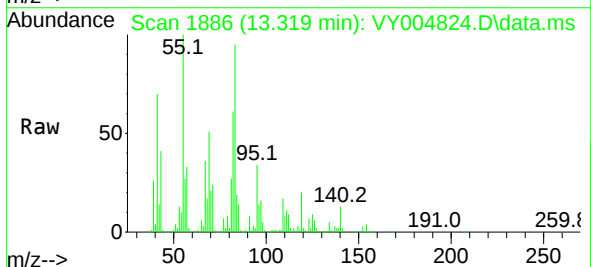
Instrument :
MSVOA_Y
ClientSampled :

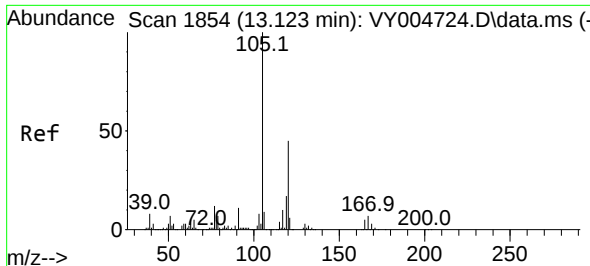
Tgt Ion: 91 Resp: 84296
Ion Ratio Lower Upper
91 100
126 36.5 16.8 50.3



#83
tert-Butylbenzene
Concen: 21.92 ug/l
RT: 13.319 min Scan# 1886
Delta R.T. 0.244 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 119 Resp: 231074
Ion Ratio Lower Upper
119 100
91 35.0 32.3 96.8
134 26.4 12.9 38.7

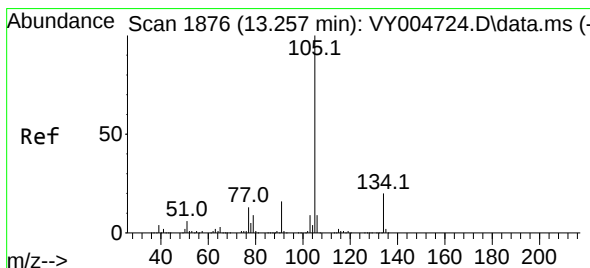
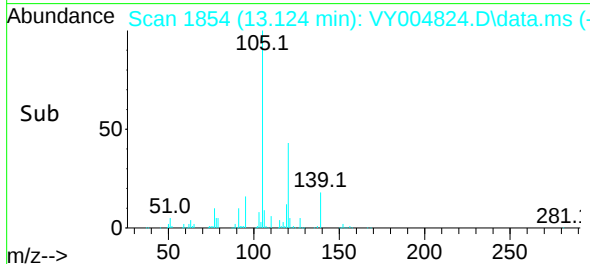
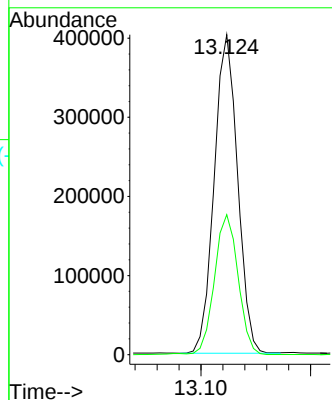
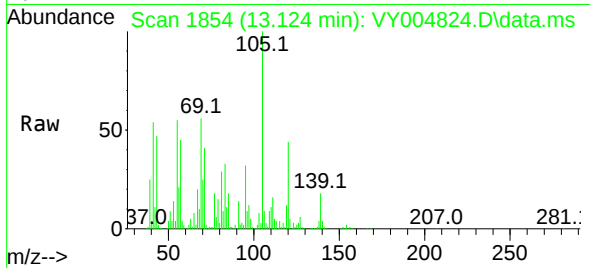




#84
1,2,4-Trimethylbenzene
Concen: 48.23 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

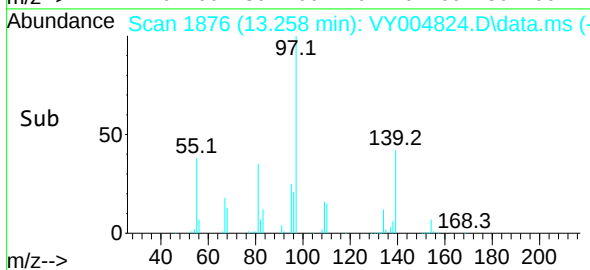
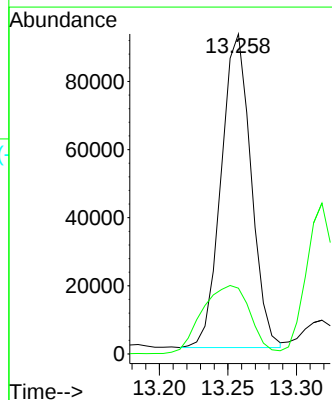
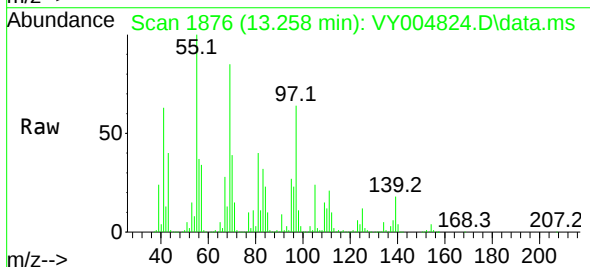
Instrument :
MSVOA_Y
ClientSampled :

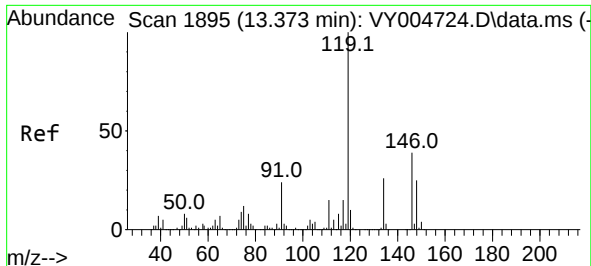
Tgt Ion:105 Resp: 596065
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5



#85
sec-Butylbenzene
Concen: 9.14 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion:105 Resp: 140013
Ion Ratio Lower Upper
105 100
134 34.9 10.0 29.8#

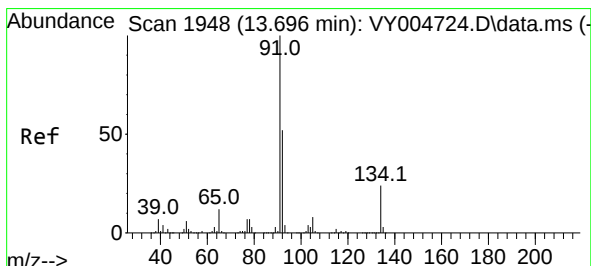
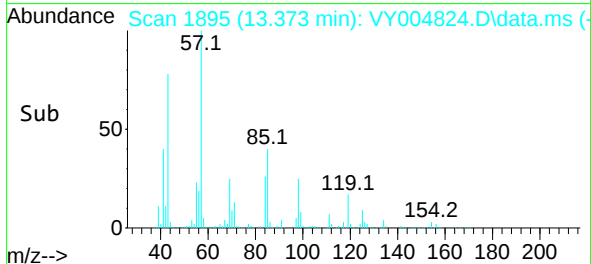
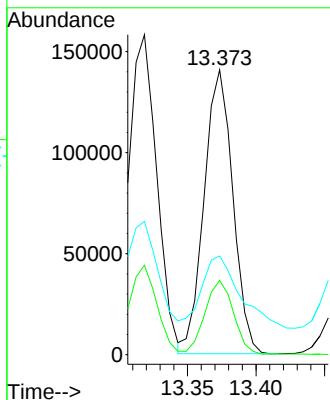
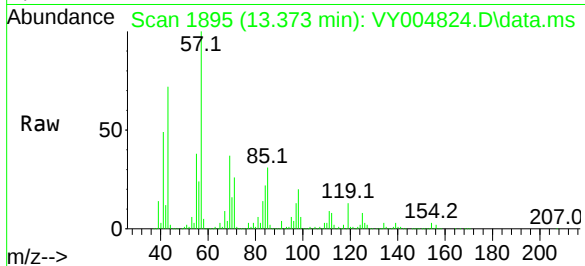




#86
p-Isopropyltoluene
Concen: 15.44 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

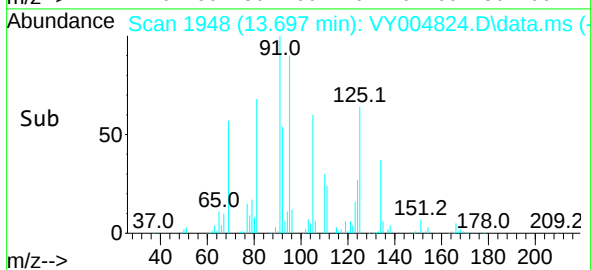
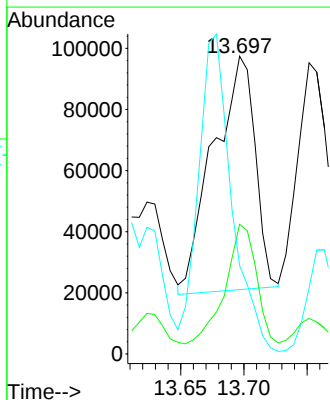
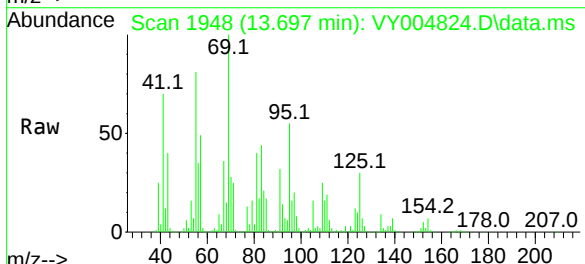
Instrument :
MSVOA_Y
ClientSampleId :

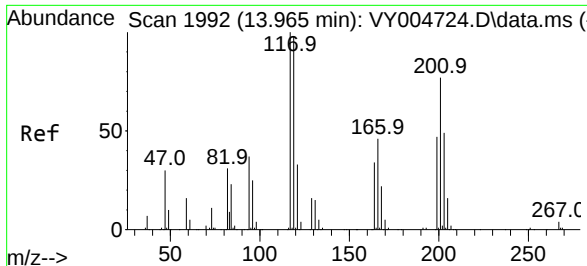
Tgt Ion:119 Resp: 205106
Ion Ratio Lower Upper
119 100
134 25.4 12.9 38.7
91 34.1 12.0 36.1



#89
n-Butylbenzene
Concen: 13.55 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 91 Resp: 175962
Ion Ratio Lower Upper
91 100
92 37.8 26.4 79.0
134 107.7 12.6 37.6#

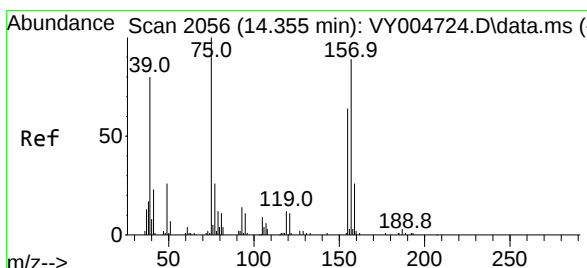
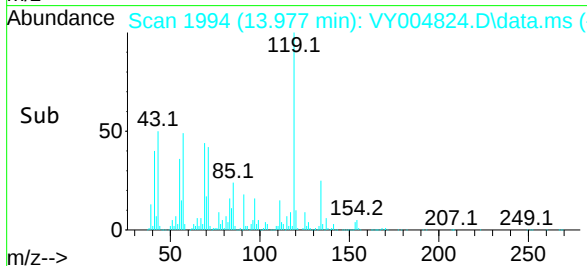
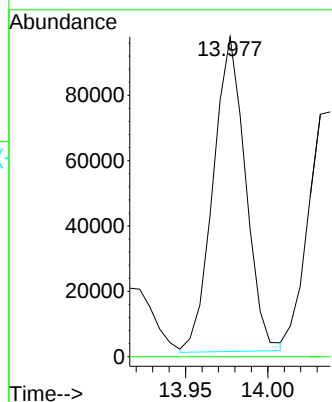
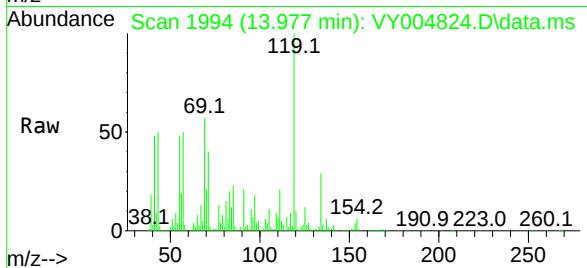




#90
Hexachloroethane
Concen: 70.37 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

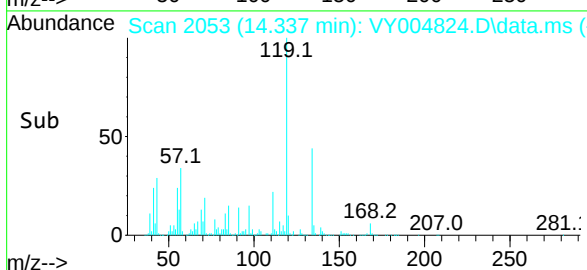
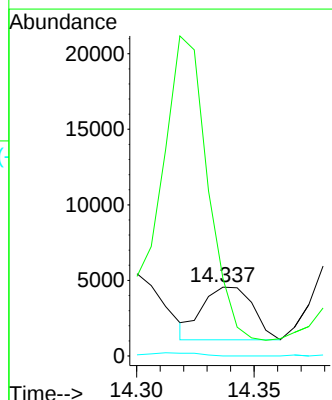
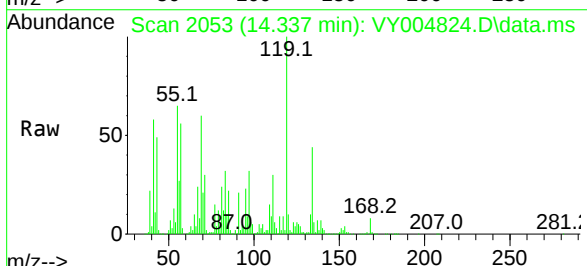
Instrument :
MSVOA_Y
ClientSampled :

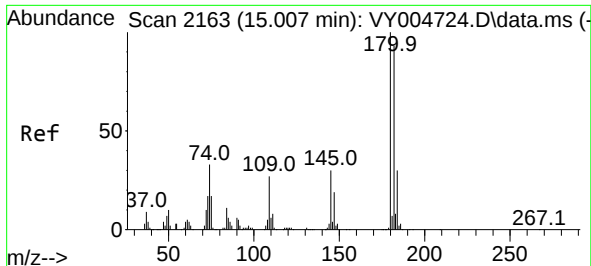
Tgt Ion:117 Resp: 131672
Ion Ratio Lower Upper
117 100
201 0.0 35.9 107.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.36 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

Tgt Ion: 75 Resp: 5189
Ion Ratio Lower Upper
75 100
155 0.0 39.0 117.0#
157 0.0 50.2 150.7#

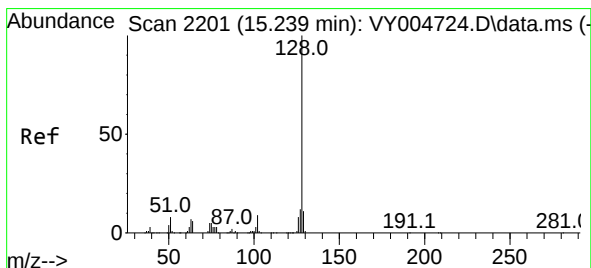
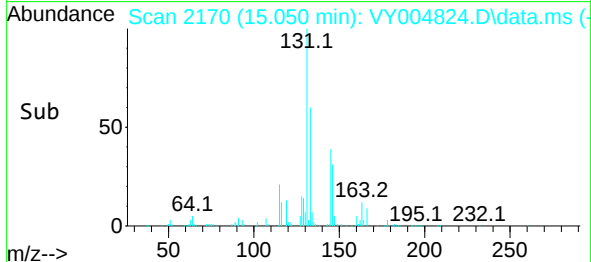
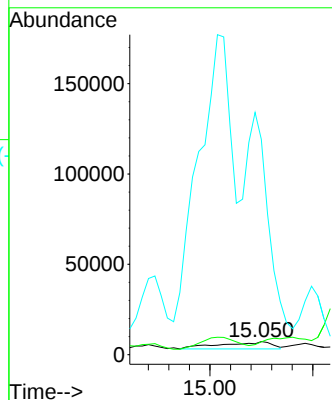
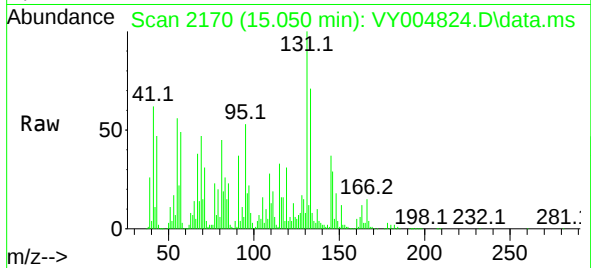




#93
1,2,4-Trichlorobenzene
Concen: 3.68 ug/l
RT: 15.050 min Scan# 2170
Delta R.T. 0.043 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

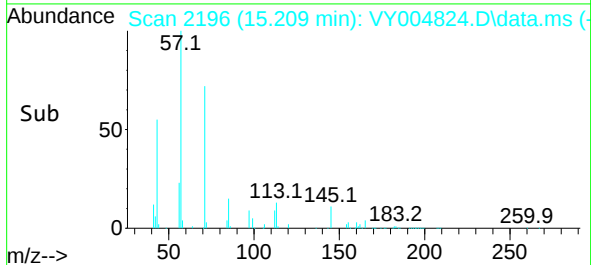
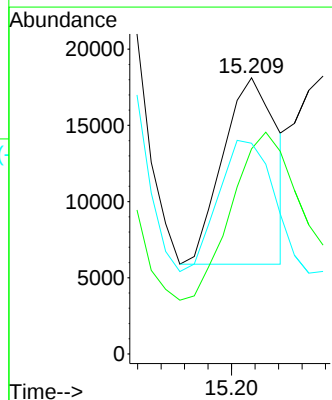
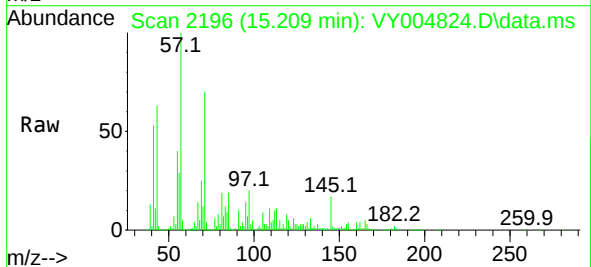
Instrument :
MSVOA_Y
ClientSampled :

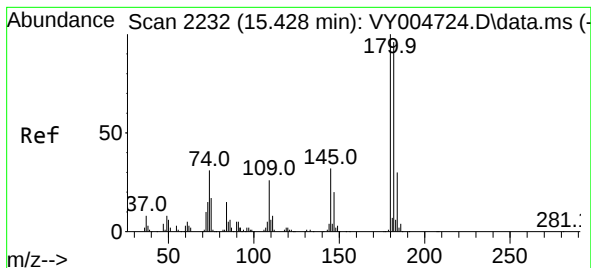
Tgt Ion:180 Resp: 13783
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 1452.4 15.4 46.4#



#95
Naphthalene
Concen: 2.40 ug/l
RT: 15.209 min Scan# 2196
Delta R.T. -0.030 min
Lab File: VY004824.D
Acq: 18 May 2021 13:55

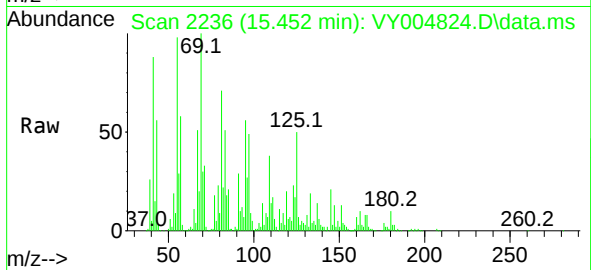
Tgt Ion:128 Resp: 19452
Ion Ratio Lower Upper
128 100
127 141.6 10.2 15.2#
129 126.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.71 ug/l
 RT: 15.452 min Scan# 2236
 Delta R.T. 0.025 min
 Lab File: VY004824.D
 Acq: 18 May 2021 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 8973
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 0.0 16.3 48.8#

