

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007190.D
 Acq On : 17 Jan 2022 16:26
 Operator : SY/MD
 Sample : N1145-01
 Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-1-5.5

Quant Time: Jan 18 03:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	113244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88231	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77746	55.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.900%	
35) Dibromofluoromethane	7.716	113	69238	49.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.940%	
50) Toluene-d8	10.179	98	258719	51.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.483	95	96585	53.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.260%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	2811	19.284	ug/l #	73
13) Acrolein	3.692	56	1320	32.201	ug/l #	1
14) Allyl chloride	4.582	41	3988	1.941	ug/l #	72
15) Acrylonitrile	5.240	53	12866	37.220	ug/l #	40
16) Acetone	3.942	43	40412	112.064	ug/l #	74
20) Methylene Chloride	4.722	84	4026	2.700	ug/l #	1
23) Vinyl Acetate	6.106	43	3853	1.574	ug/l #	70
25) 2-Butanone	6.990	43	10652	22.847	ug/l #	83
26) 2,2-Dichloropropane	6.783	77	3151	1.707	ug/l #	53
29) Tetrahydrofuran	7.344	42	522	1.742	ug/l #	35
30) Chloroform	7.466	83	9068	3.447	ug/l #	18
31) Cyclohexane	7.777	56	136255	58.002	ug/l #	79
36) 1,1-Dichloropropene	7.783	75	9838	4.446	ug/l #	67
37) Ethyl Acetate	6.990	43	10652	9.379	ug/l #	68
38) Carbon Tetrachloride	7.789	117	12394	5.325	ug/l #	14
39) Methylcyclohexane	9.185	83	149209	55.223	ug/l	92
40) Benzene	8.161	78	17203	2.914	ug/l	99
41) Methacrylonitrile	7.362	41	2932	4.483	ug/l #	100
43) Isopropyl Acetate	8.270	43	24397	11.040	ug/l #	52
47) Bromodichloromethane	9.478	83	5661	2.594	ug/l #	25
48) Methyl methacrylate	9.325	41	15239	15.161	ug/l #	25
51) 4-Methyl-2-Pentanone	10.112	43	20349	18.161	ug/l #	81
52) Toluene	10.246	92	9894	2.644	ug/l	98
55) 1,1,2-Trichloroethane	10.618	97	27709	23.013	ug/l #	22
56) Ethyl methacrylate	10.526	69	1921	1.132	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.764	63	1401	1.816	ug/l #	46
59) 2-Hexanone	10.807	43	11022	14.495	ug/l #	23
67) Ethyl Benzene	11.593	91	1852093	228.508	ug/l	99
68) m/p-Xylenes	11.709	106	36427	12.094	ug/l	100
69) o-Xylene	12.032	106	3973	1.401	ug/l	94
73) Isopropylbenzene	12.331	105	142132	18.651	ug/l	100
74) N-amyl acetate	12.123	43	3114	1.528	ug/l #	50
76) 1,2,3-Trichloropropane	12.672	75	3032	3.014	ug/l #	100
78) n-propylbenzene	12.672	91	453276	47.982	ug/l	99
79) 2-Chlorotoluene	12.672	91	453276	86.299	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.812	105	12577	2.010	ug/l	99

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

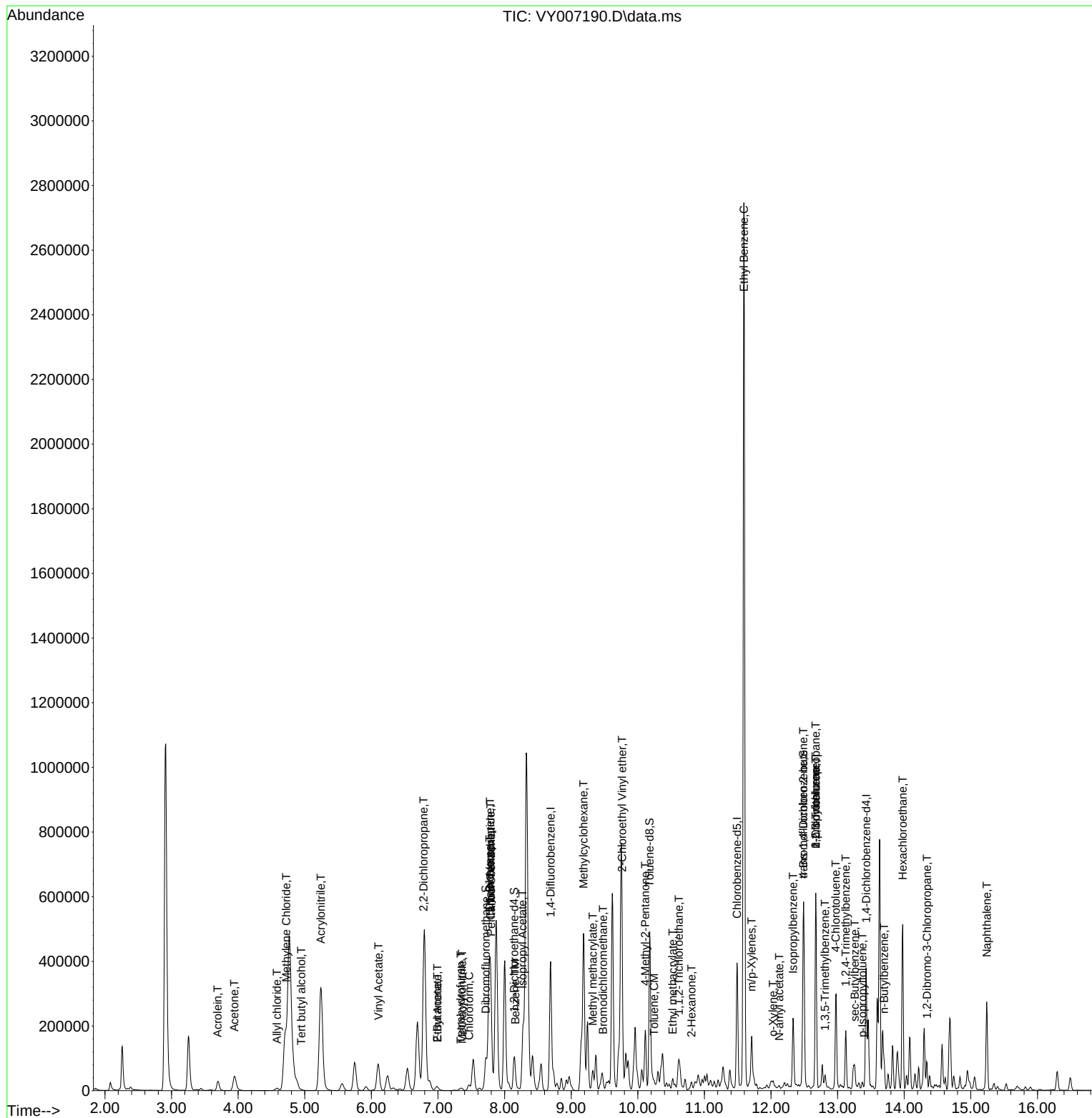
81) trans-1,4-Dichloro-2-b...	12.483	75	55495	100.983	ug/l #	3
82) 4-Chlorotoluene	12.971	91	23809	4.345	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.123	105	95201	15.350	ug/l	99
85) sec-Butylbenzene	13.257	105	43213	5.342	ug/l #	57
86) p-Isopropyltoluene	13.373	119	9324	1.403	ug/l	98
89) n-Butylbenzene	13.696	91	60479	9.241	ug/l #	67
90) Hexachloroethane	13.977	117	24007	18.474	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.343	75	374	1.461	ug/l #	3
95) Naphthalene	15.239	128	209323	56.120	ug/l	100

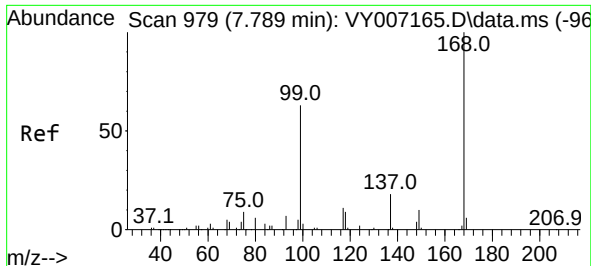
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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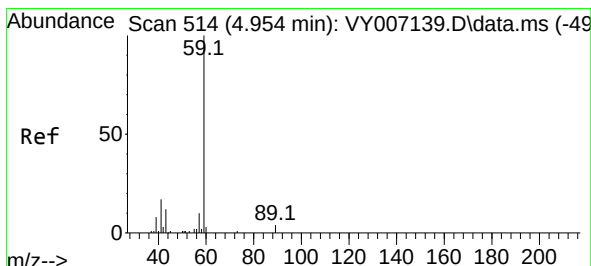
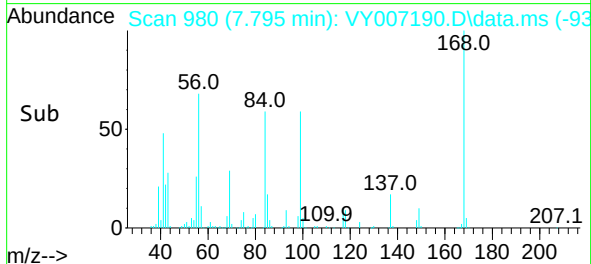
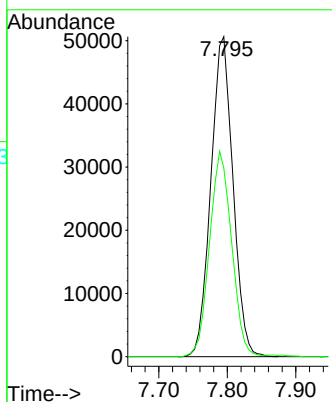
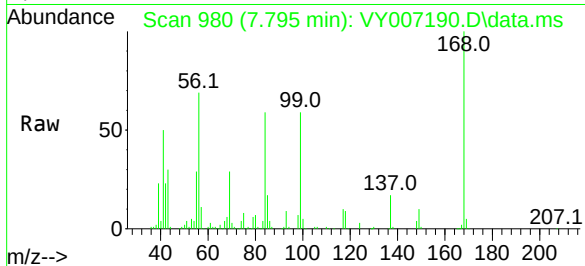




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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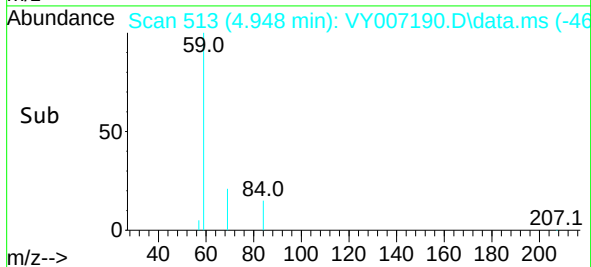
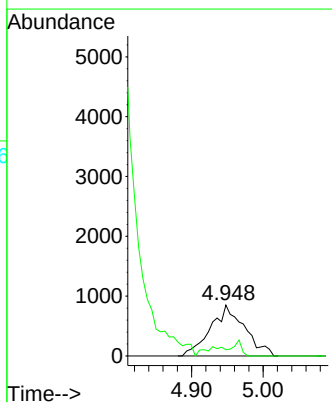
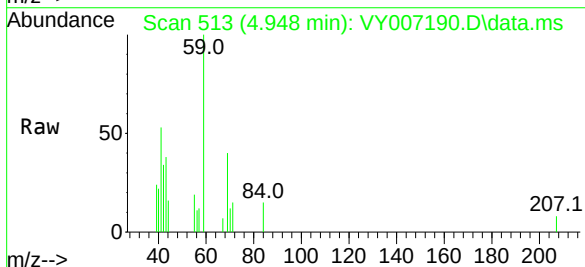
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

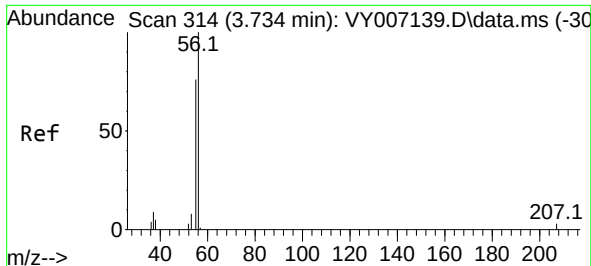
Tgt Ion:168 Resp: 113244
Ion Ratio Lower Upper
168 100
99 59.0 49.1 73.7



#11
Tert butyl alcohol
Concen: 19.284 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 59 Resp: 2811
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

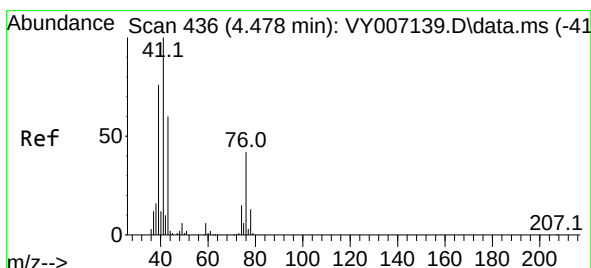
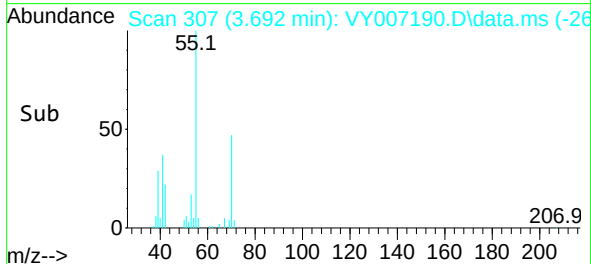
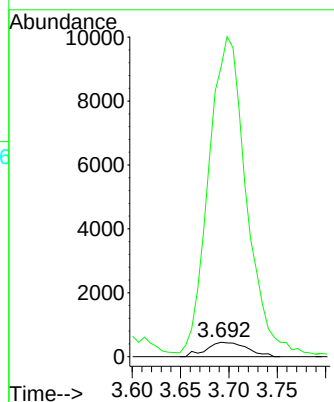
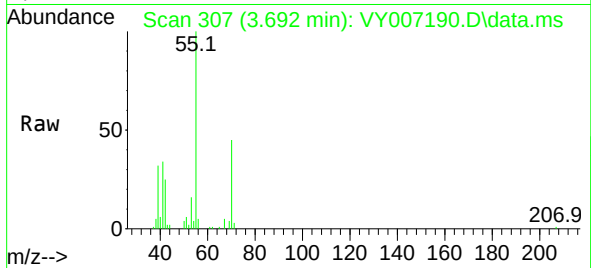




#13
Acrolein
Concen: 32.201 ug/l
RT: 3.692 min Scan# 307
Delta R.T. -0.042 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

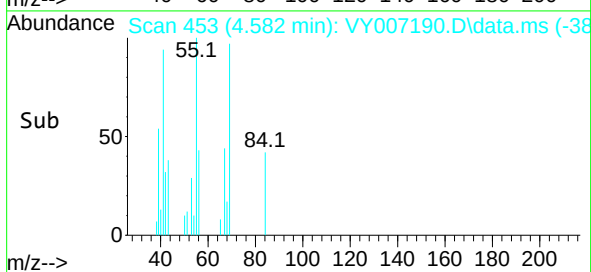
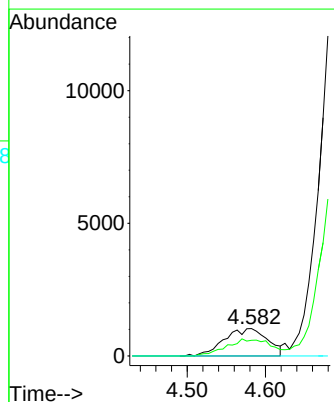
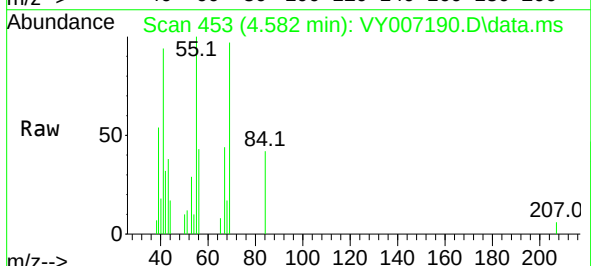
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

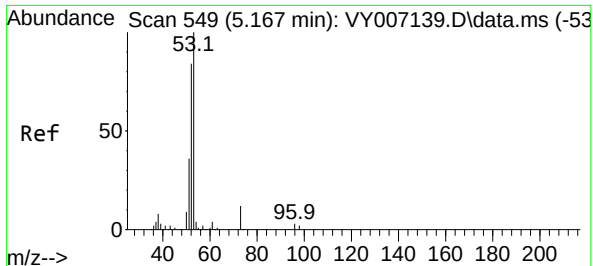
Tgt Ion: 56 Resp: 1320
Ion Ratio Lower Upper
56 100
55 2087.7 55.7 83.5#



#14
Allyl chloride
Concen: 1.941 ug/l
RT: 4.582 min Scan# 453
Delta R.T. 0.104 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 41 Resp: 3988
Ion Ratio Lower Upper
41 100
39 63.2 56.1 84.1
76 0.0 31.4 47.2#

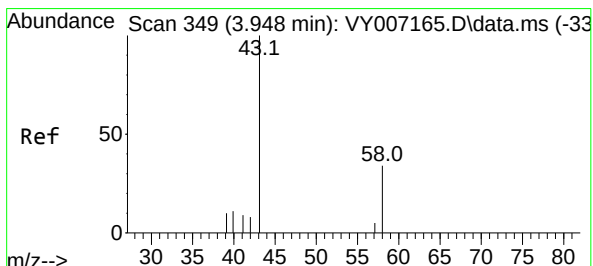
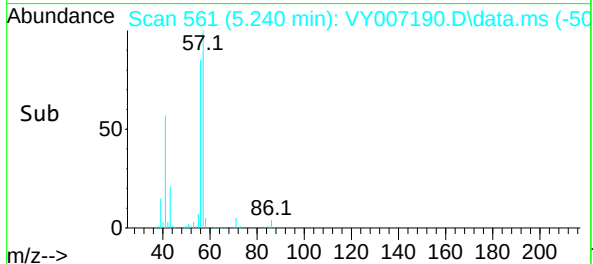
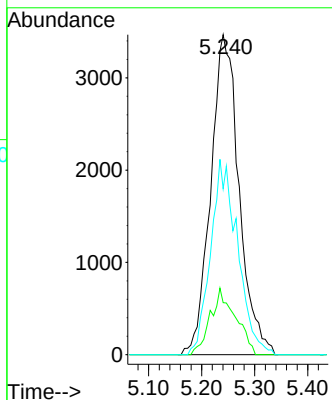
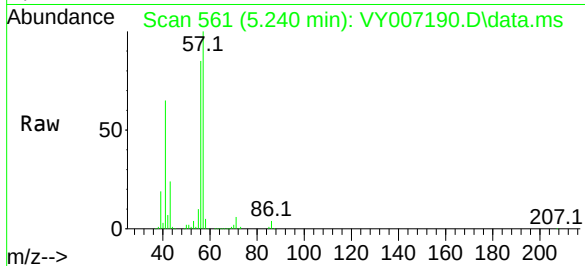




#15
Acrylonitrile
Concen: 37.220 ug/l
RT: 5.240 min Scan# 50
Delta R.T. 0.073 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

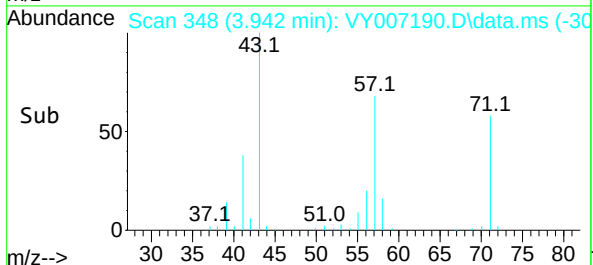
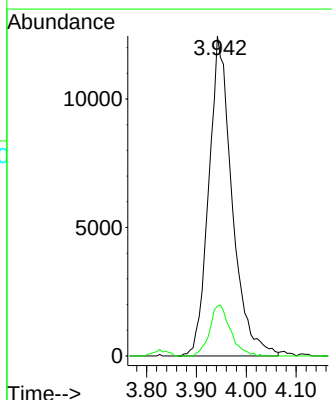
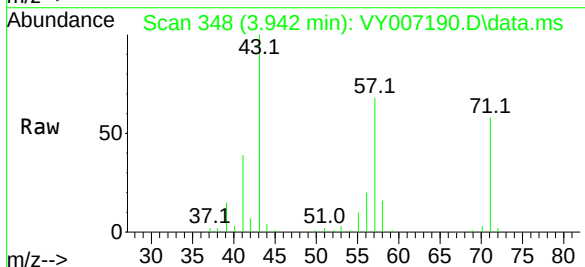
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

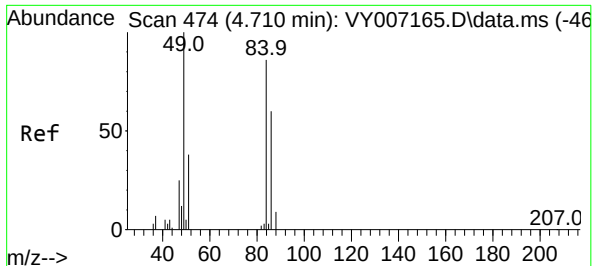
Tgt Ion: 53 Resp: 12866
Ion Ratio Lower Upper
53 100
52 18.5 65.4 98.2#
51 58.1 29.4 44.2#



#16
Acetone
Concen: 112.064 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

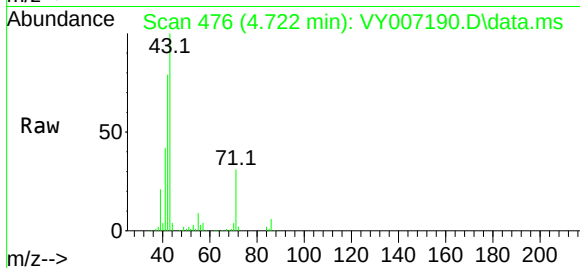
Tgt Ion: 43 Resp: 40412
Ion Ratio Lower Upper
43 100
58 15.5 23.8 35.6#



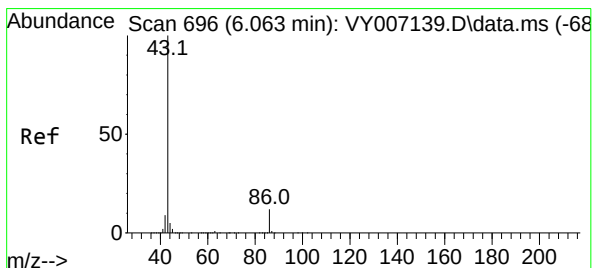
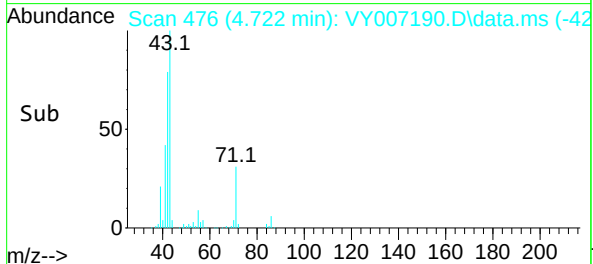
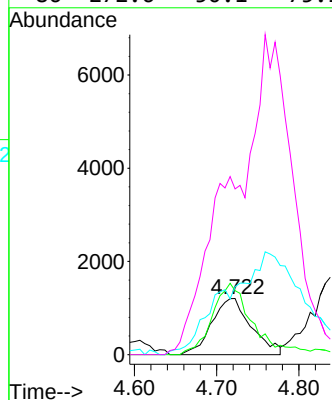


#20
Methylene Chloride
Concen: 2.700 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

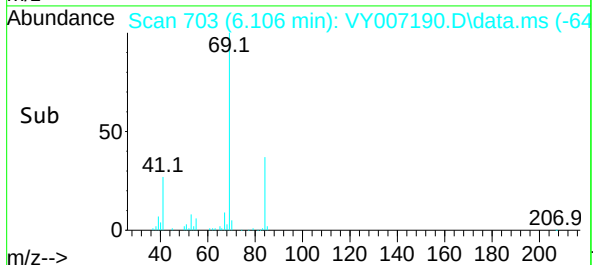
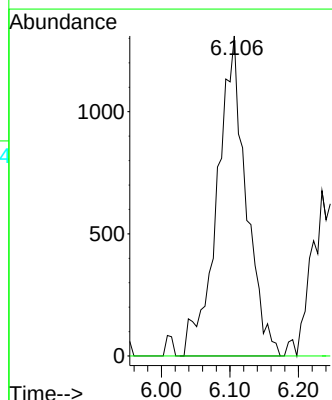
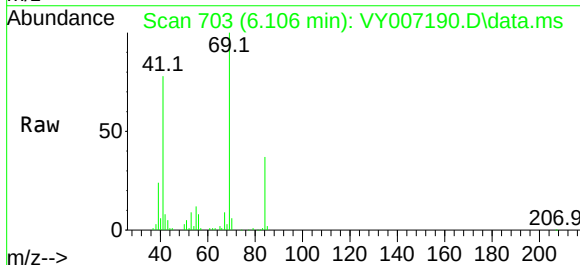


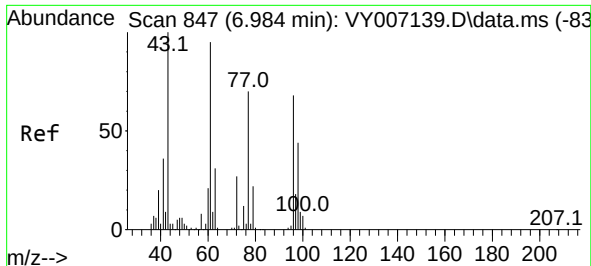
Tgt Ion: 84 Resp: 4026
Ion Ratio Lower Upper
84 100
49 113.8 92.6 139.0
51 111.0 28.6 42.8#
86 272.6 50.1 75.1#



#23
Vinyl Acetate
Concen: 1.574 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.043 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

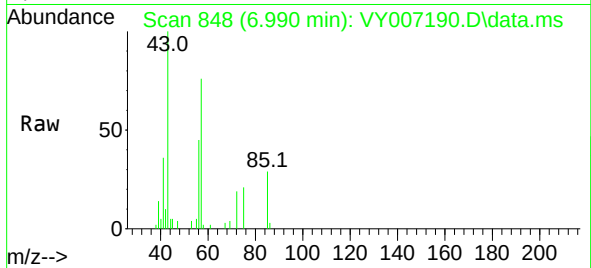
Tgt Ion: 43 Resp: 3853
Ion Ratio Lower Upper
43 100
86 0.0 9.0 13.6#



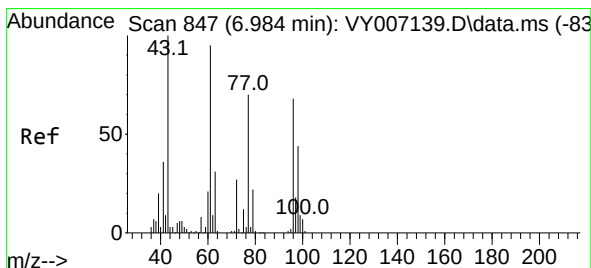
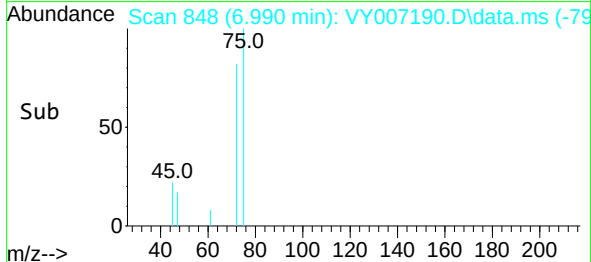
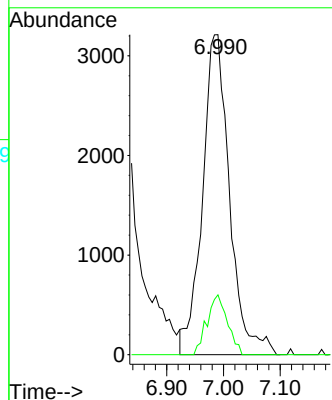


#25
2-Butanone
Concen: 22.847 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

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A3-1-5.5

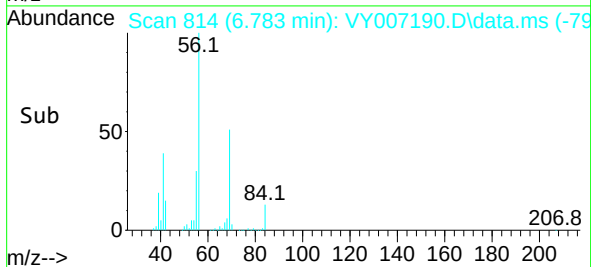
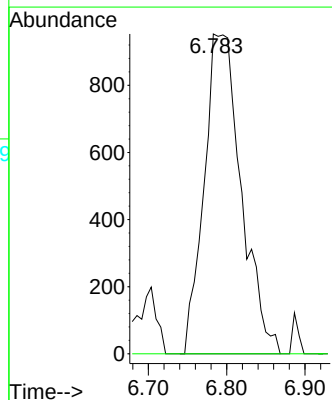
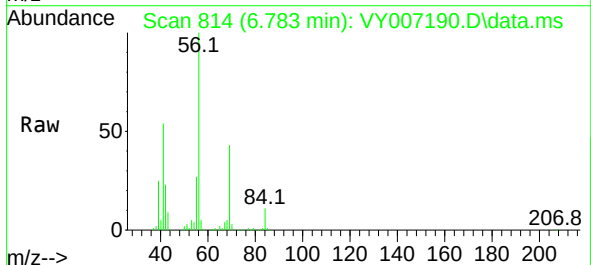


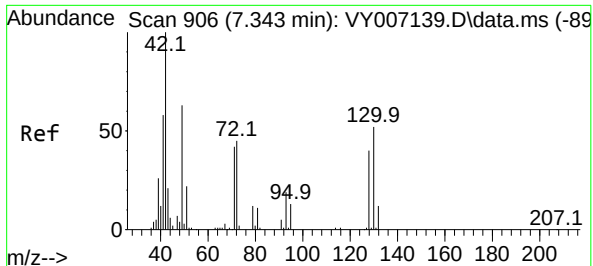
Tgt Ion: 43 Resp: 10652
Ion Ratio Lower Upper
43 100
72 18.7 21.9 32.9#



#26
2,2-Dichloropropane
Concen: 1.707 ug/l
RT: 6.783 min Scan# 814
Delta R.T. -0.201 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 77 Resp: 3151
Ion Ratio Lower Upper
77 100
97 0.0 11.3 33.8#





#29

Tetrahydrofuran

Concen: 1.742 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

A3-1-5.5

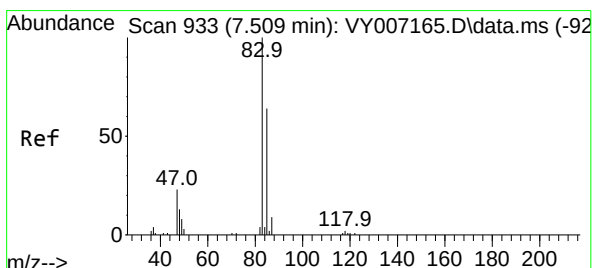
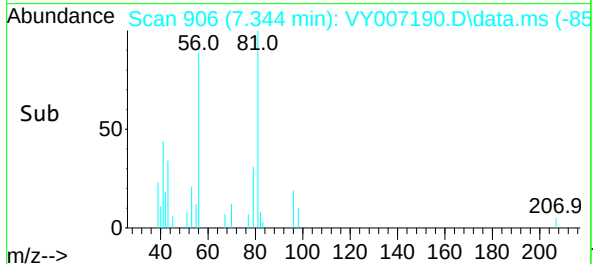
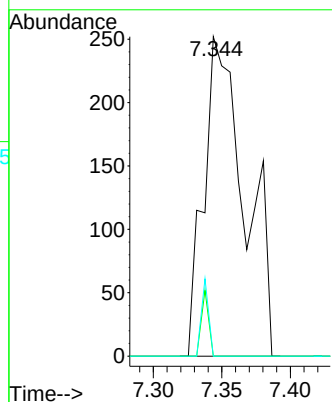
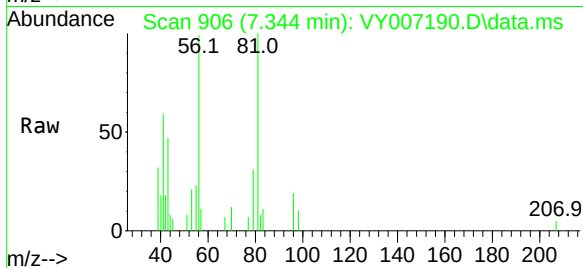
Tgt Ion: 42 Resp: 522

Ion Ratio Lower Upper

42 100

72 3.6 36.6 54.8#

71 0.0 34.1 51.1#



#30

Chloroform

Concen: 3.447 ug/l

RT: 7.466 min Scan# 926

Delta R.T. -0.042 min

Lab File: VY007190.D

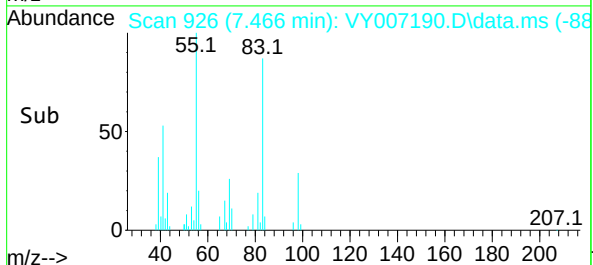
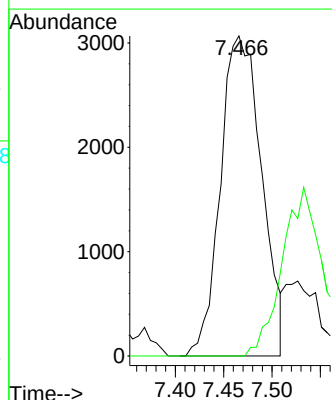
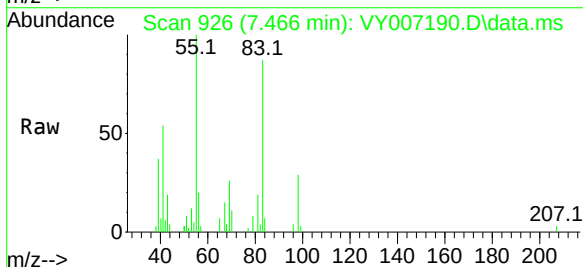
Acq: 17 Jan 2022 16:26

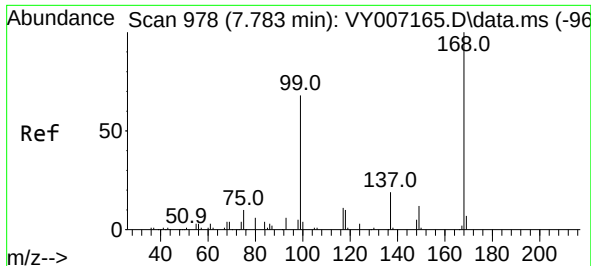
Tgt Ion: 83 Resp: 9068

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

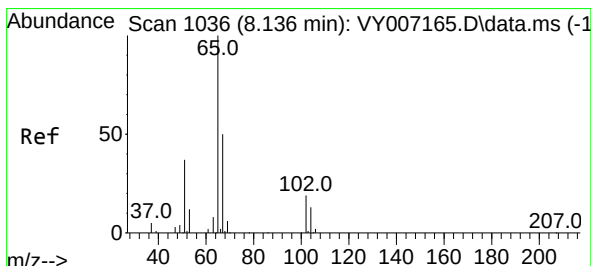
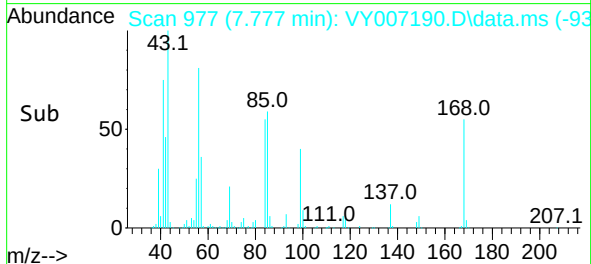
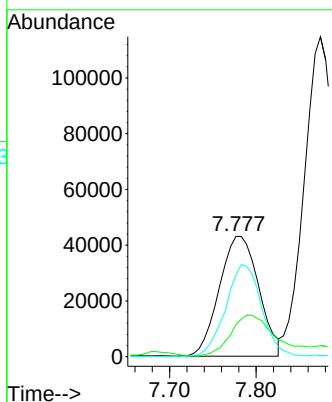
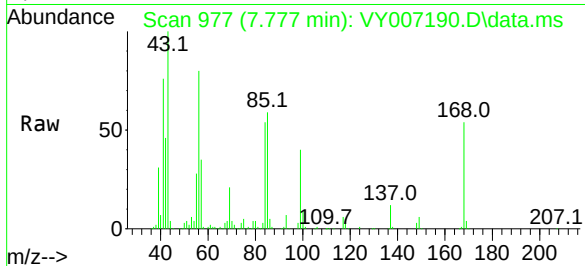




#31
Cyclohexane
Concen: 58.002 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

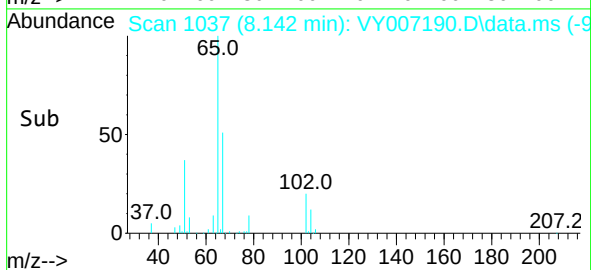
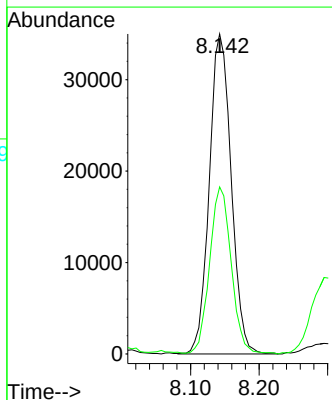
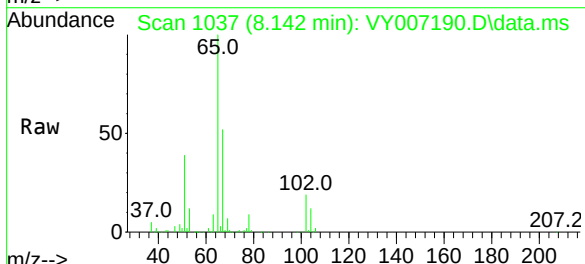
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

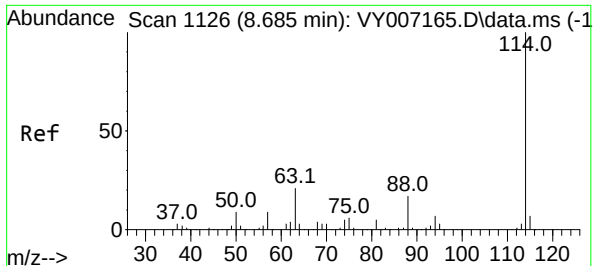
Tgt Ion: 56 Resp: 136255
Ion Ratio Lower Upper
56 100
69 24.9 27.2 40.8#
84 68.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 55.952 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 65 Resp: 77746
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

A3-1-5.5

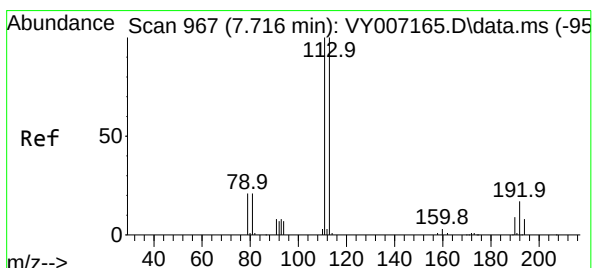
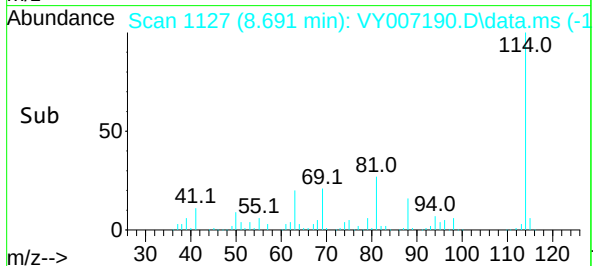
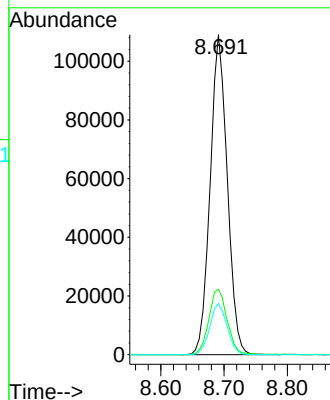
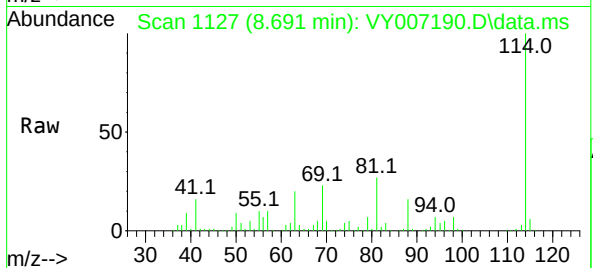
Tgt Ion:114 Resp: 204912

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 15.9 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.970 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

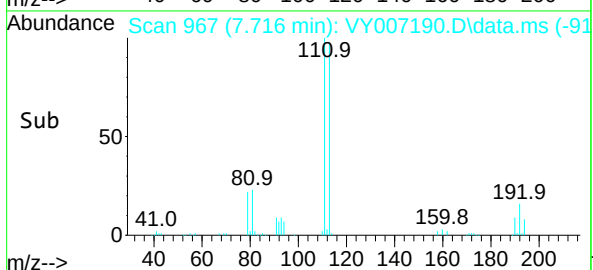
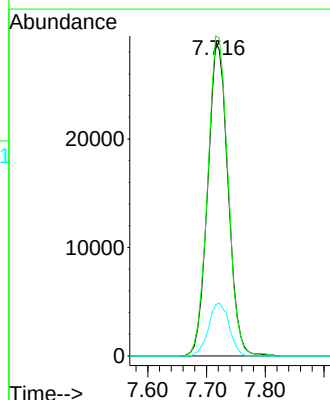
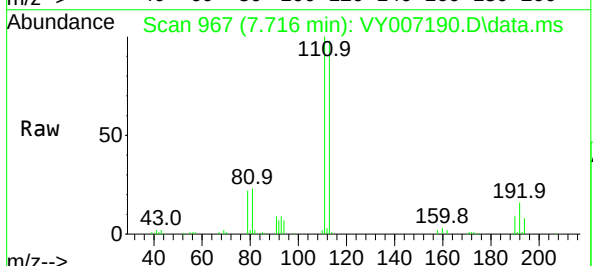
Tgt Ion:113 Resp: 69238

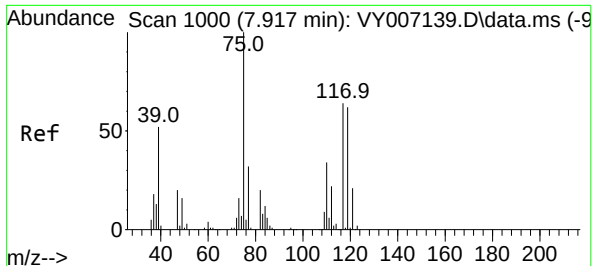
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 17.1 14.2 21.4

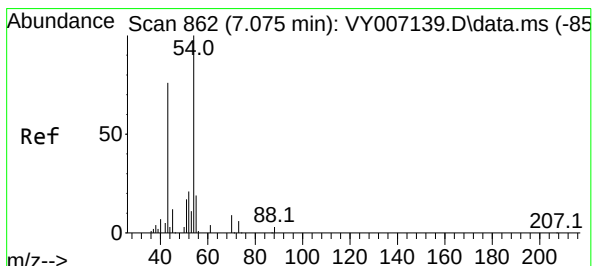
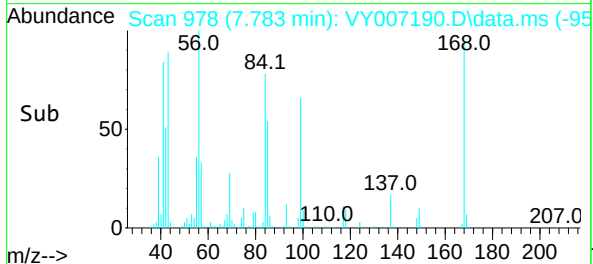
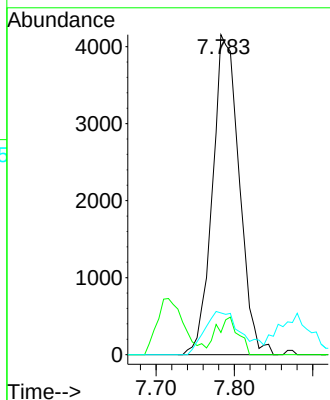
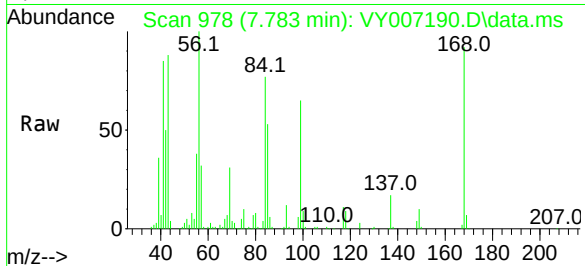




#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

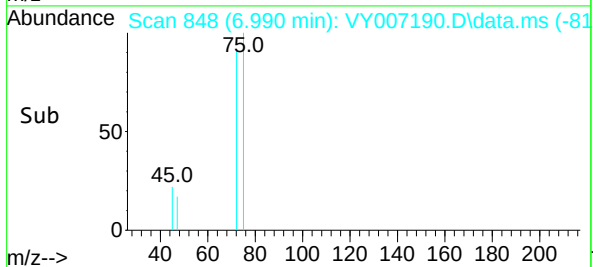
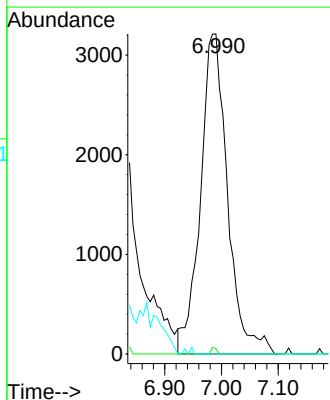
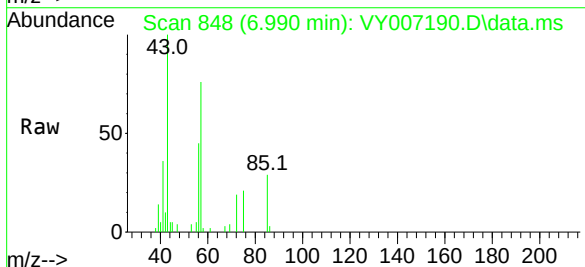
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

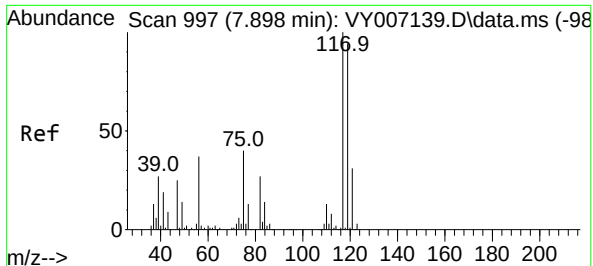
Tgt Ion: 75 Resp: 9838
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.9#
77 18.8 24.7 37.1#



#37
Ethyl Acetate
Concen: 9.379 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.085 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 43 Resp: 10652
Ion Ratio Lower Upper
43 100
61 0.4 11.8 17.8#
70 0.0 9.0 13.4#

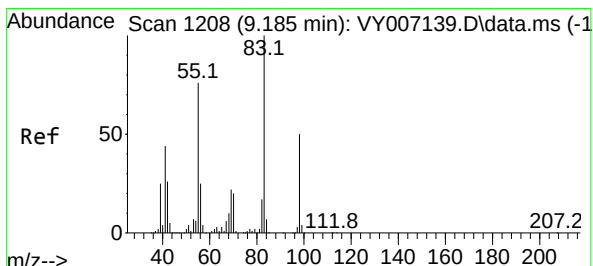
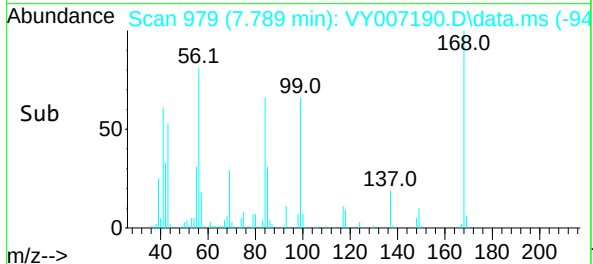
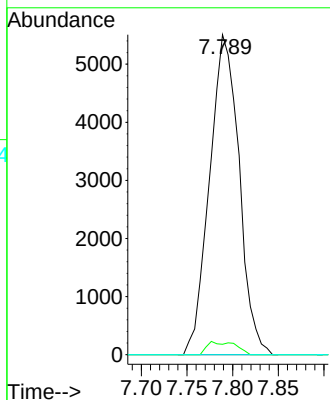
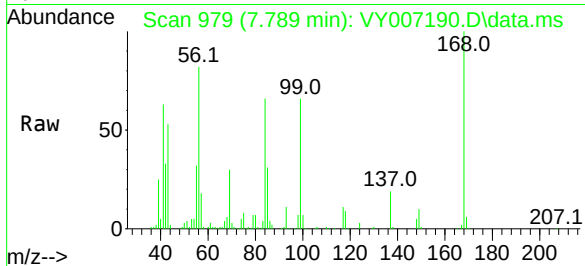




#38
Carbon Tetrachloride
Concen: 5.325 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

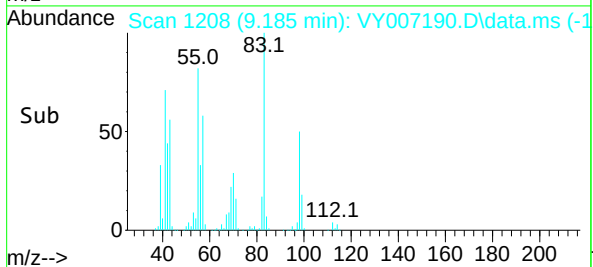
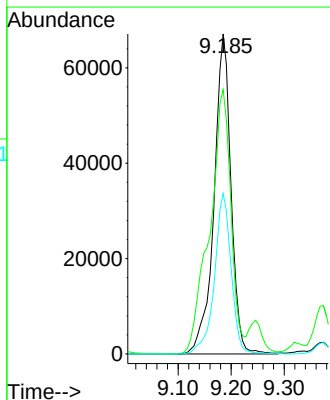
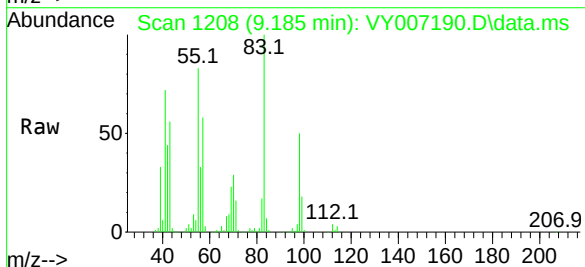
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

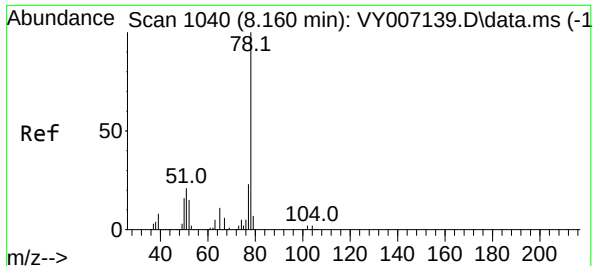
Tgt Ion:117 Resp: 12394
Ion Ratio Lower Upper
117 100
119 3.3 77.2 115.8#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 55.223 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 83 Resp: 149209
Ion Ratio Lower Upper
83 100
55 82.6 58.8 88.2
98 50.1 38.7 58.1

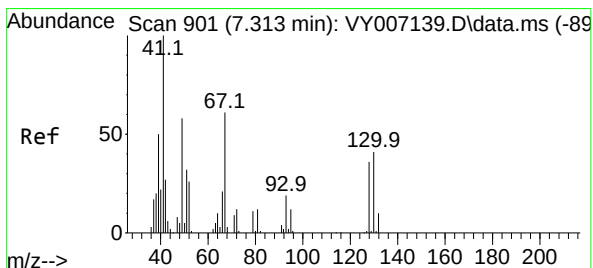
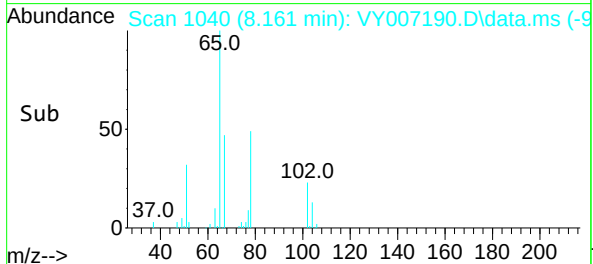
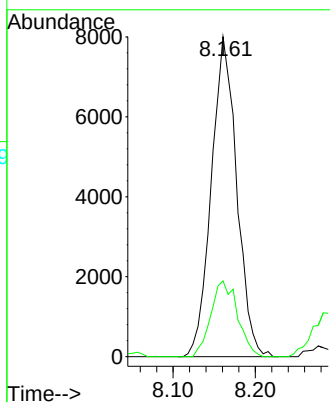
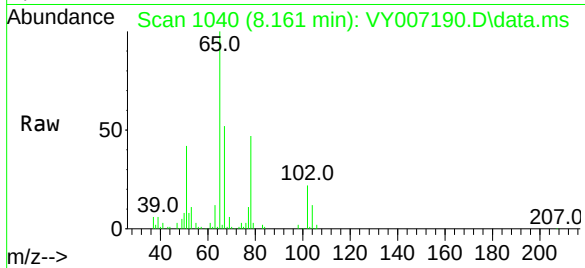




#40
Benzene
Concen: 2.914 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

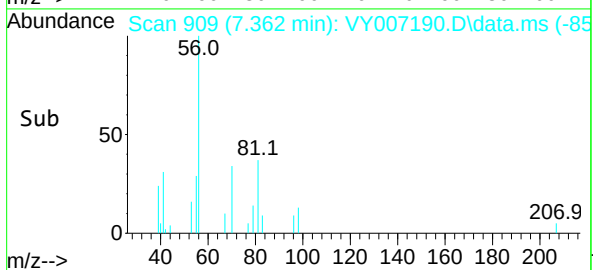
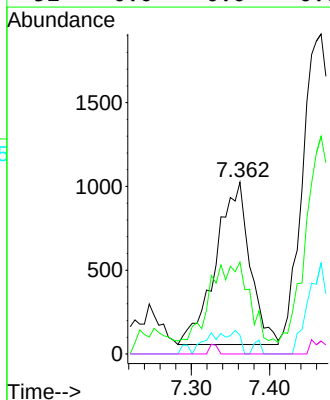
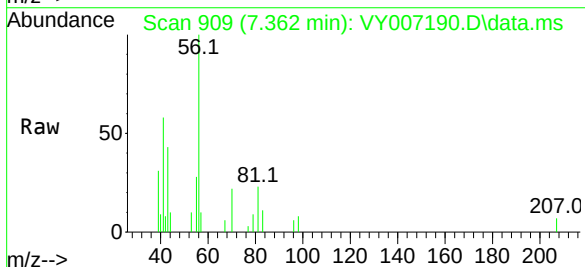
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

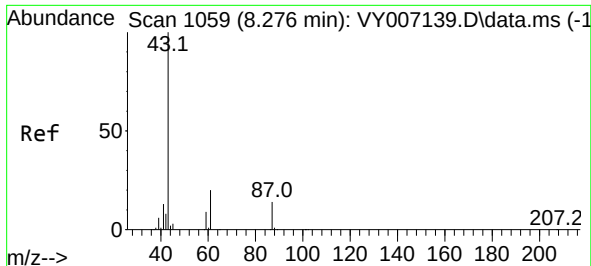
Tgt Ion: 78 Resp: 17203
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



#41
Methacrylonitrile
Concen: 4.483 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.049 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 41 Resp: 2932
Ion Ratio Lower Upper
41 100
39 53.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

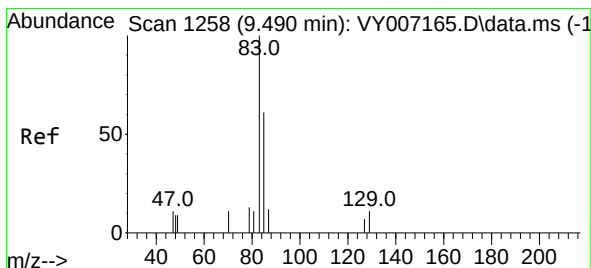
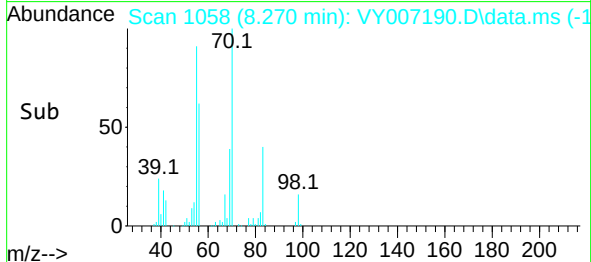
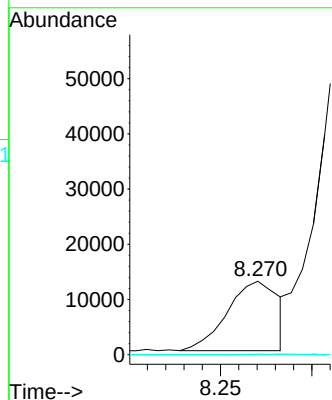
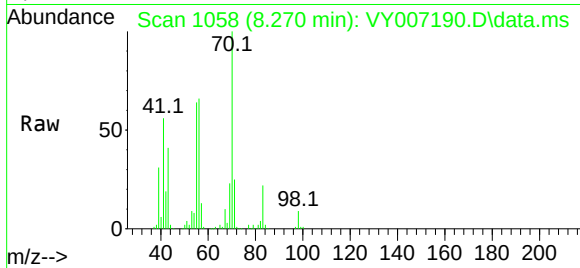




#43
Isopropyl Acetate
Concen: 11.040 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

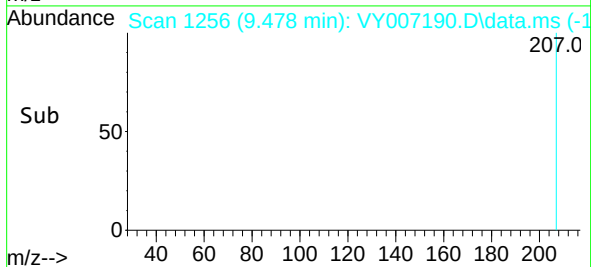
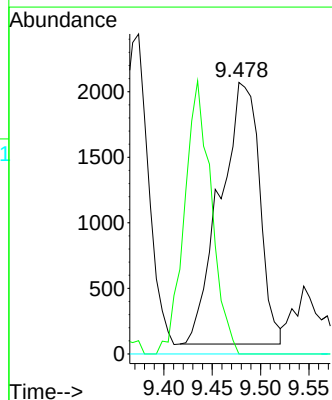
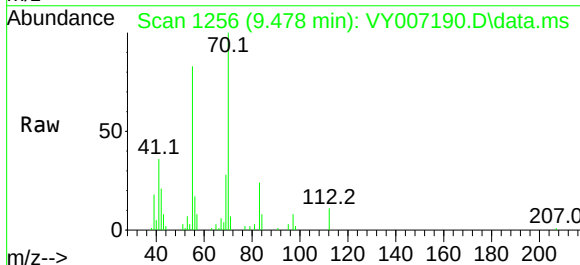
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

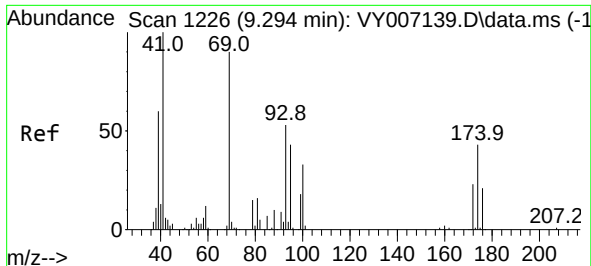
Tgt Ion: 43 Resp: 24397
Ion Ratio Lower Upper
43 100
61 0.8 23.8 35.8#
87 0.0 11.6 17.4#



#47
Bromodichloromethane
Concen: 2.594 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. -0.018 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 83 Resp: 5661
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.2#
127 0.0 6.5 9.7#

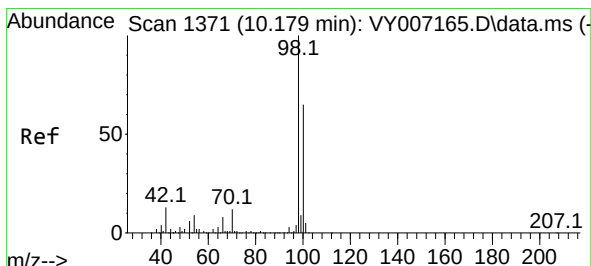
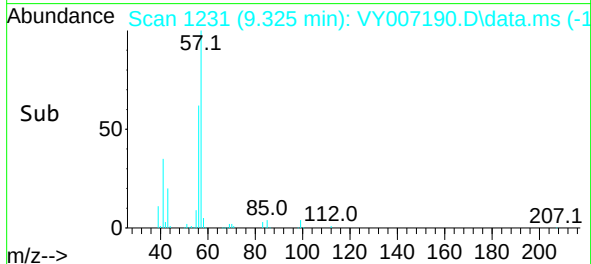
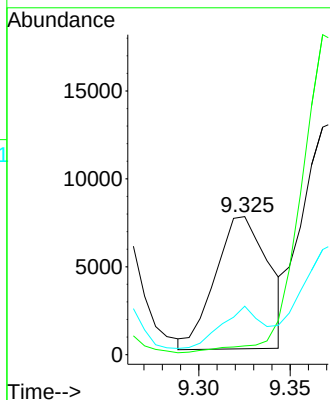
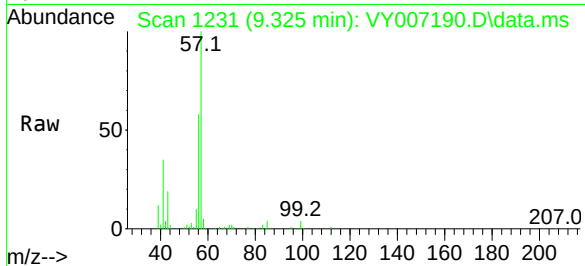




#48
Methyl methacrylate
Concen: 15.161 ug/l
RT: 9.325 min Scan# 1226
Delta R.T. 0.031 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

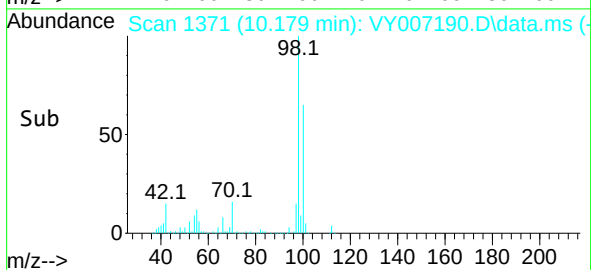
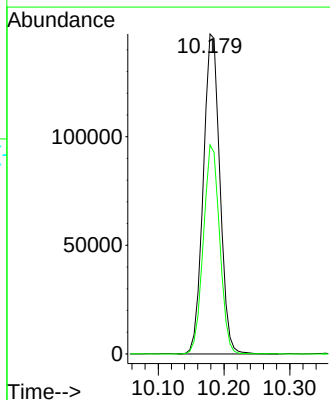
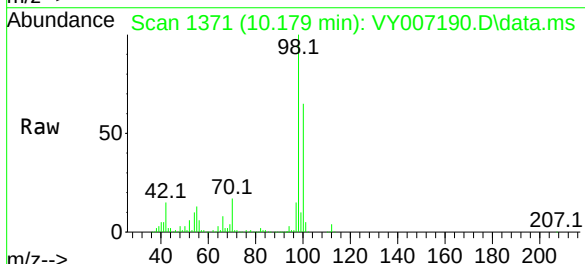
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

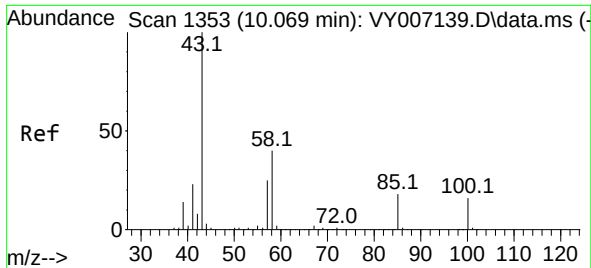
Tgt Ion: 41 Resp: 15239
Ion Ratio Lower Upper
41 100
69 0.0 70.5 105.7#
39 23.5 43.8 65.8#



#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 98 Resp: 258719
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 18.161 ug/l

RT: 10.112 min Scan# 1353

Delta R.T. 0.043 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

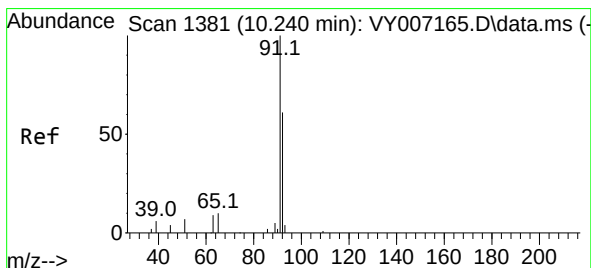
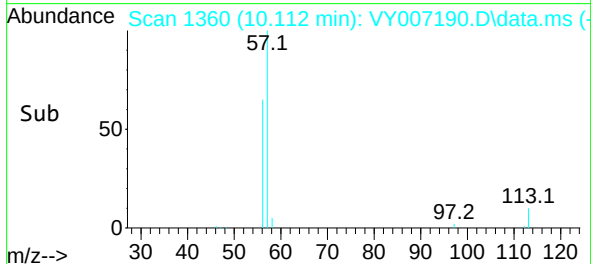
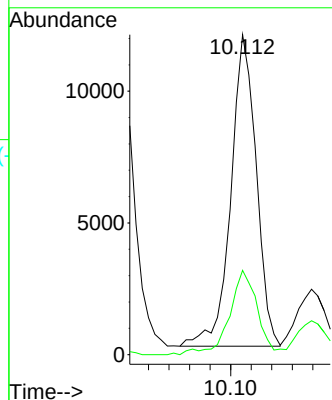
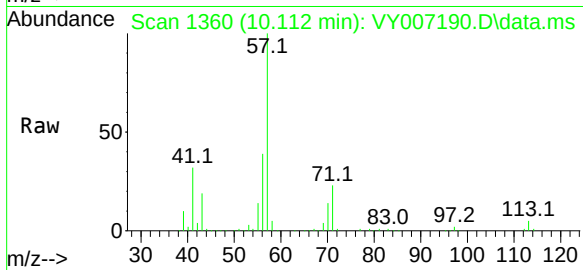
A3-1-5.5

Tgt Ion: 43 Resp: 20349

Ion Ratio Lower Upper

43 100

58 29.0 32.8 49.2#



#52

Toluene

Concen: 2.644 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY007190.D

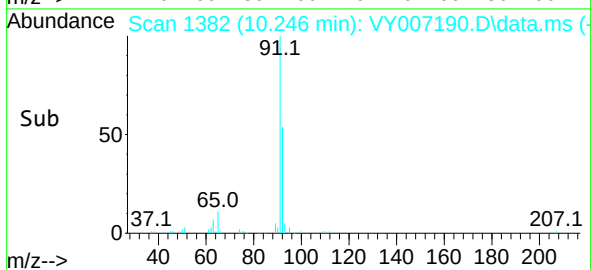
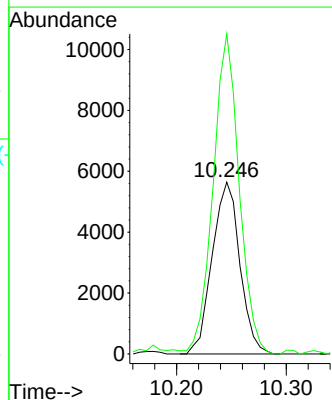
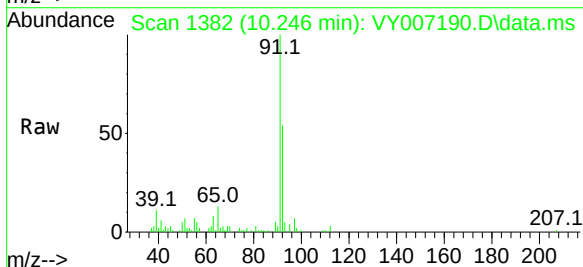
Acq: 17 Jan 2022 16:26

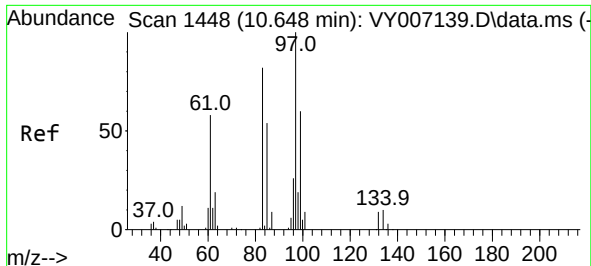
Tgt Ion: 92 Resp: 9894

Ion Ratio Lower Upper

92 100

91 175.6 138.6 207.8

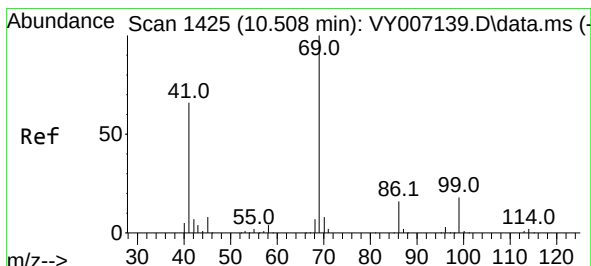
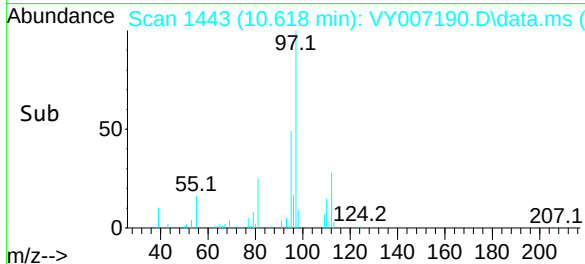
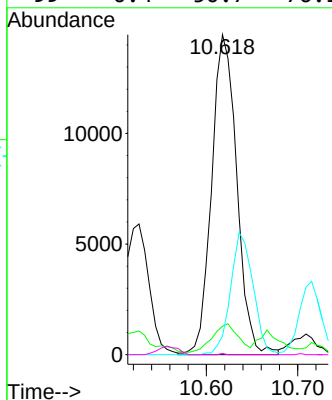
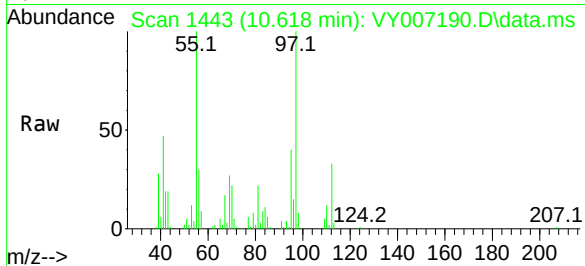




#55
1,1,2-Trichloroethane
Concen: 23.013 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

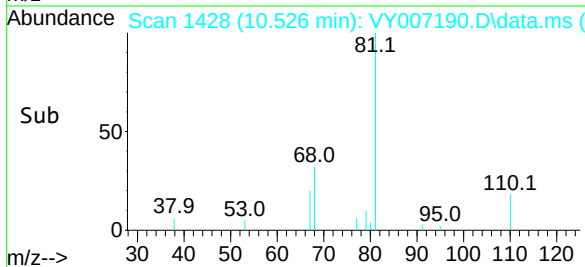
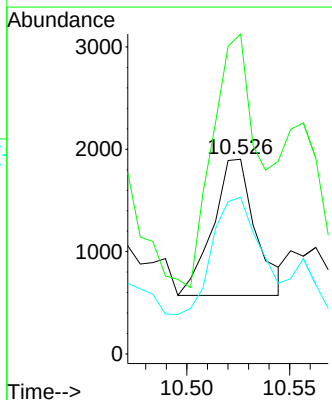
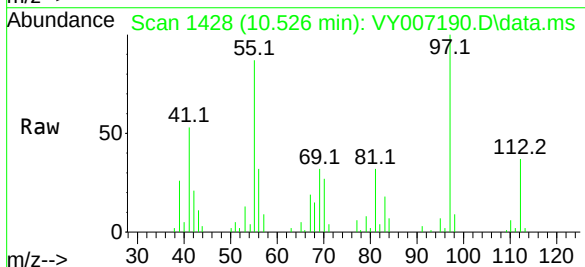
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

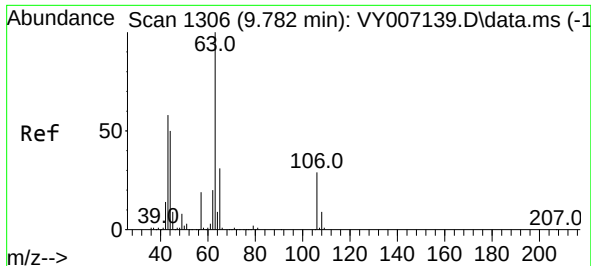
Tgt Ion:	97	Resp:	27709
Ion	Ratio	Lower	Upper
97	100		
83	7.9	67.0	100.4#
85	5.9	41.2	61.8#
99	0.4	50.7	76.1#



#56
Ethyl methacrylate
Concen: 1.132 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.019 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion:	69	Resp:	1921
Ion	Ratio	Lower	Upper
69	100		
41	188.5	49.4	74.0#
39	103.4	27.7	41.5#





#58

2-Chloroethyl Vinyl ether

Concen: 1.816 ug/l

RT: 9.764 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

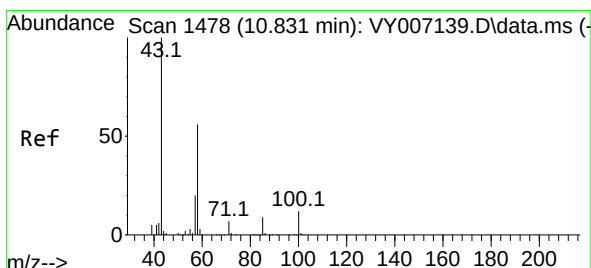
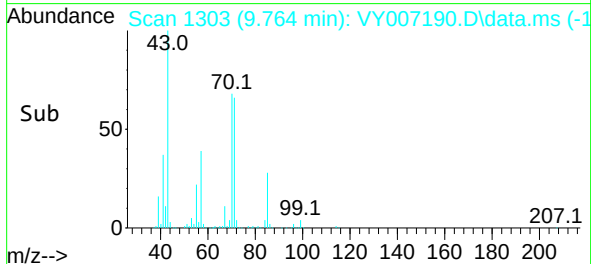
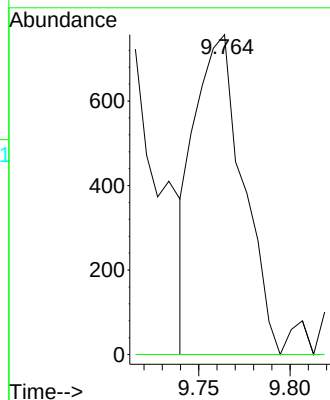
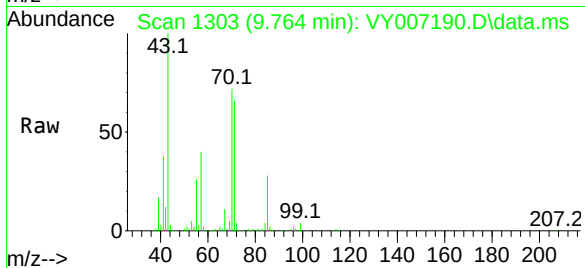
A3-1-5.5

Tgt Ion: 63 Resp: 1401

Ion Ratio Lower Upper

63 100

106 0.0 23.3 34.9#



#59

2-Hexanone

Concen: 14.495 ug/l

RT: 10.807 min Scan# 1474

Delta R.T. -0.024 min

Lab File: VY007190.D

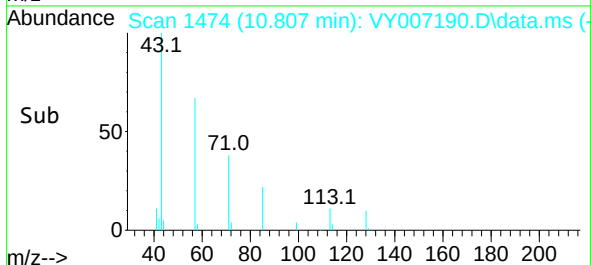
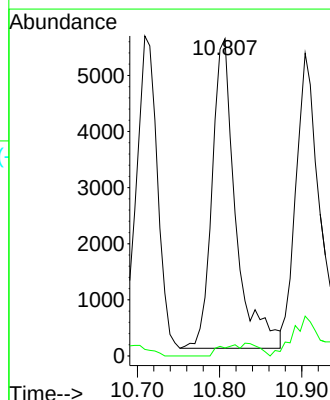
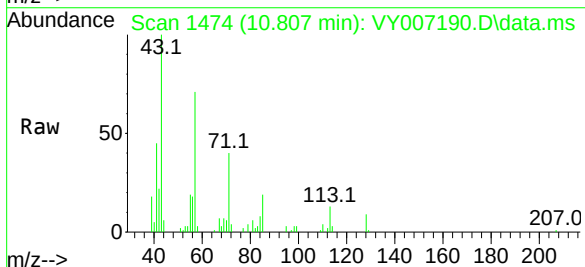
Acq: 17 Jan 2022 16:26

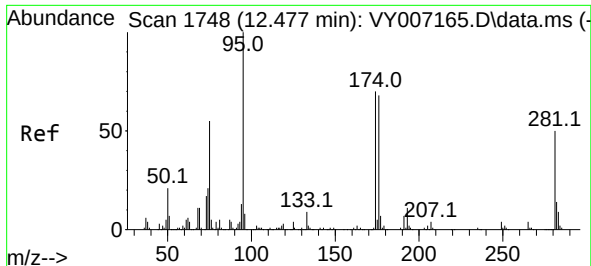
Tgt Ion: 43 Resp: 11022

Ion Ratio Lower Upper

43 100

58 0.0 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 53.631 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

A3-1-5.5

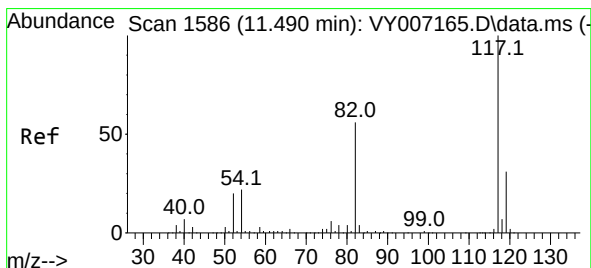
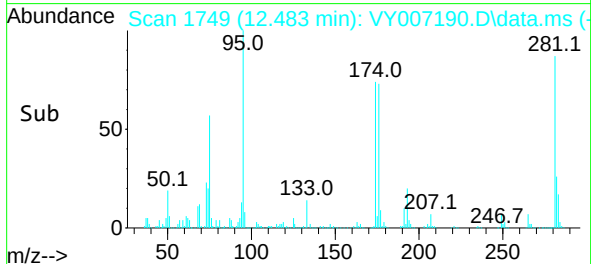
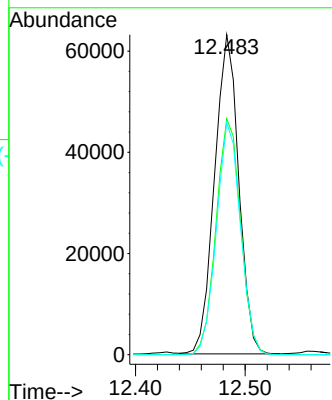
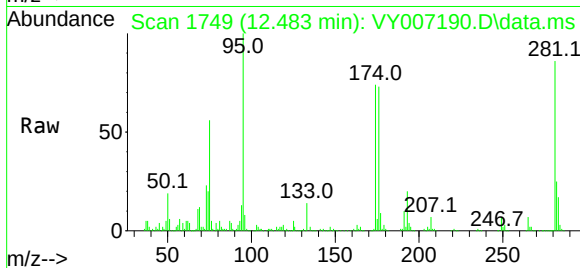
Tgt Ion: 95 Resp: 96585

Ion Ratio Lower Upper

95 100

174 75.1 0.0 148.4

176 72.5 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

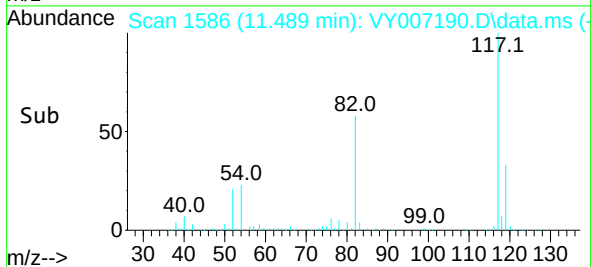
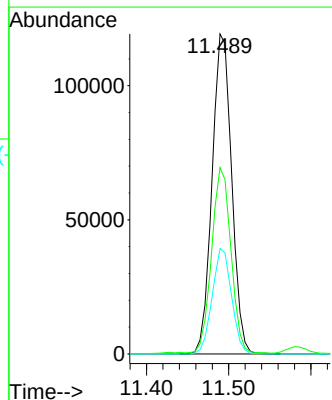
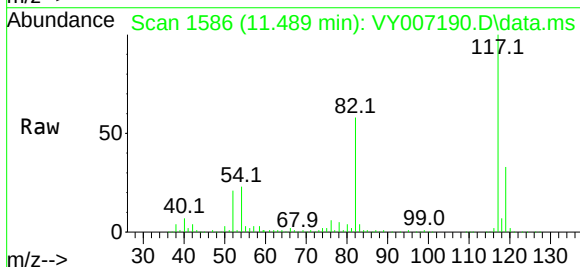
Tgt Ion: 117 Resp: 197223

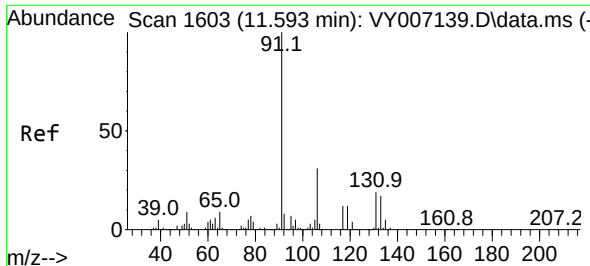
Ion Ratio Lower Upper

117 100

82 57.7 45.4 68.0

119 33.0 26.4 39.6

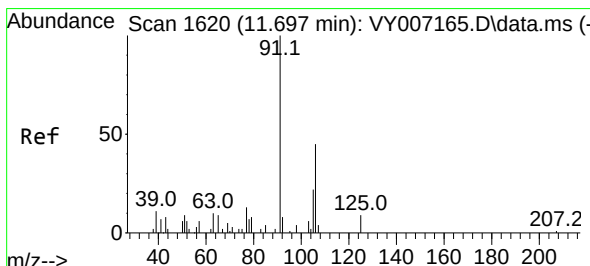
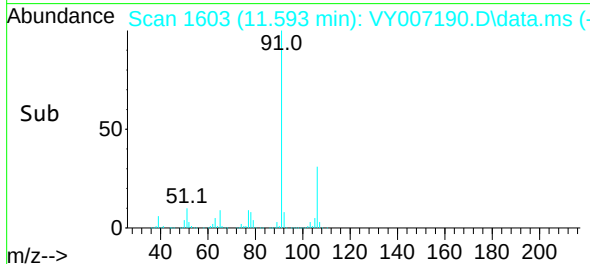
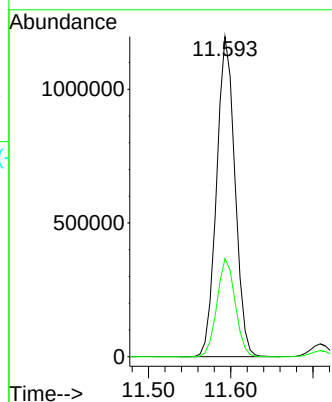
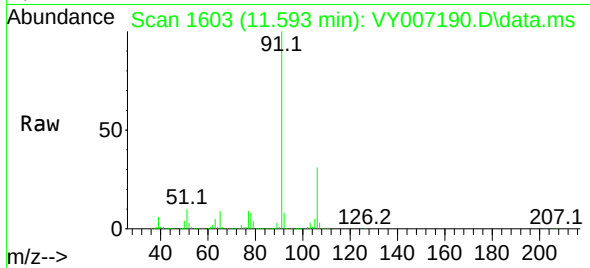




#67
Ethyl Benzene
Concen: 228.508 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

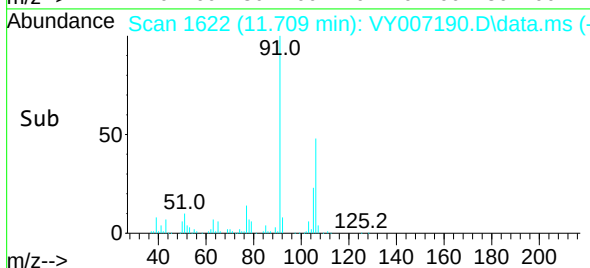
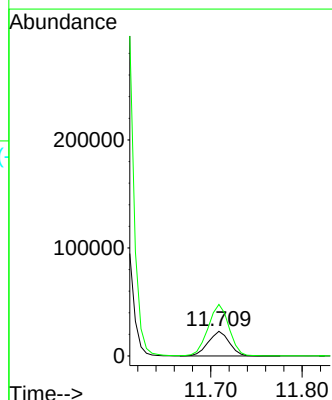
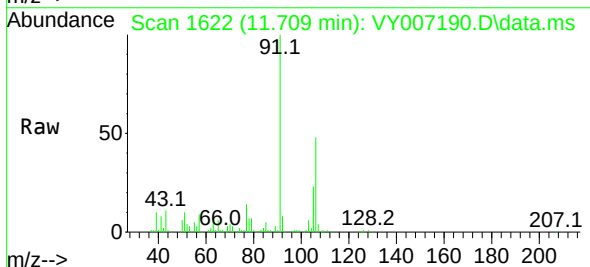
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

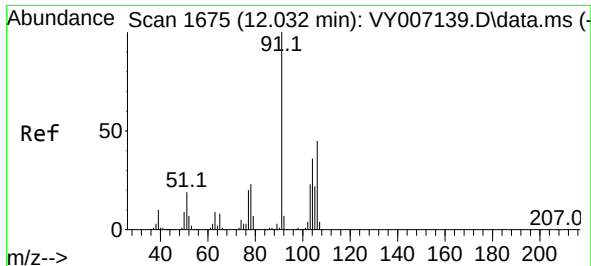
Tgt Ion: 91 Resp: 1852093
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9



#68
m/p-Xylenes
Concen: 12.094 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion:106 Resp: 36427
Ion Ratio Lower Upper
106 100
91 209.6 167.1 250.7

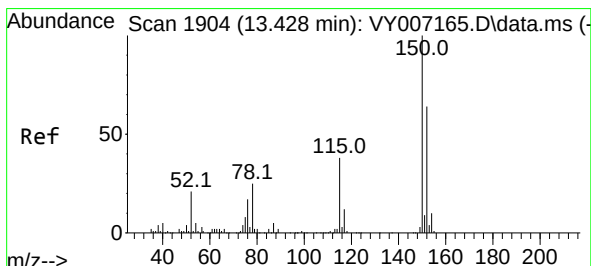
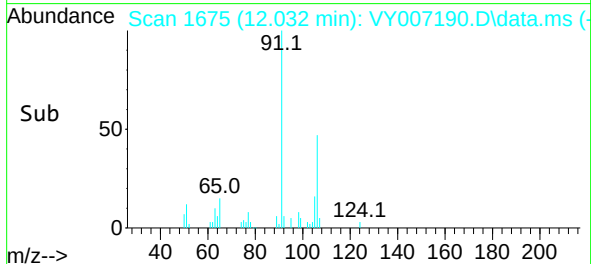
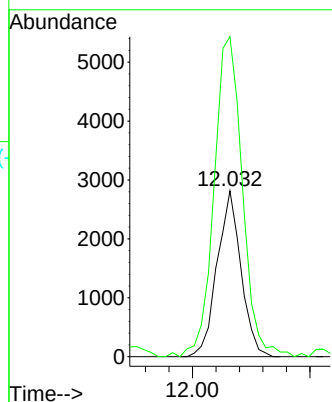
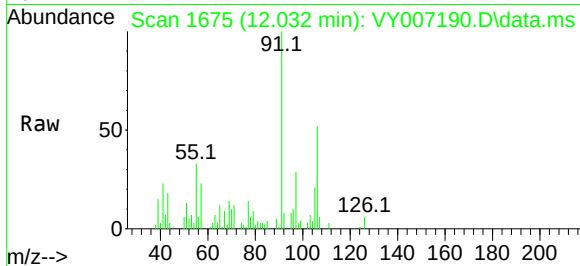




#69
o-Xylene
Concen: 1.401 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

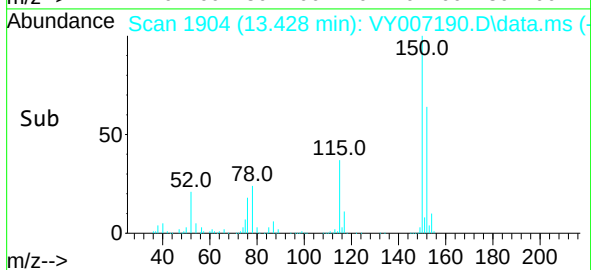
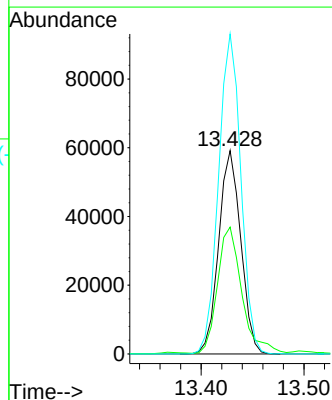
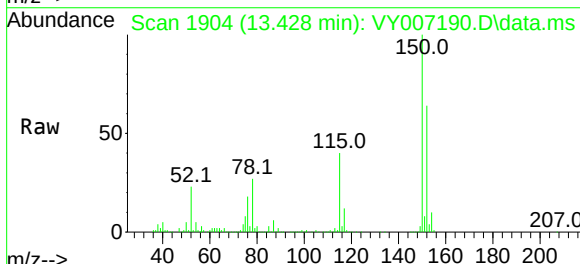
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

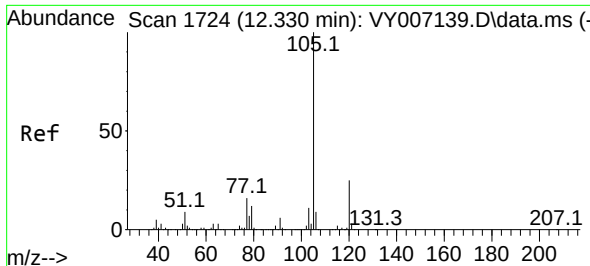
Tgt Ion:106 Resp: 3973
Ion Ratio Lower Upper
106 100
91 228.8 109.9 329.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion:152 Resp: 88231
Ion Ratio Lower Upper
152 100
115 68.0 31.4 94.0
150 158.8 0.0 348.4

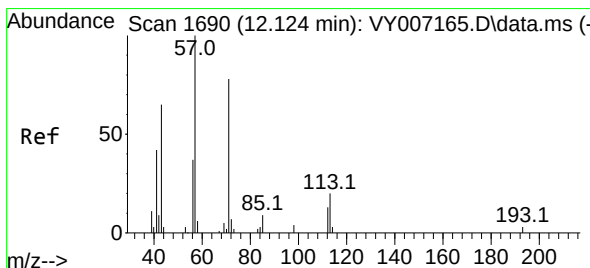
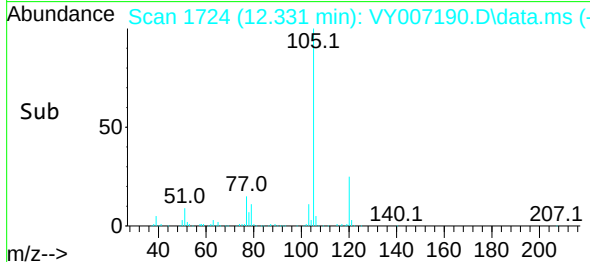
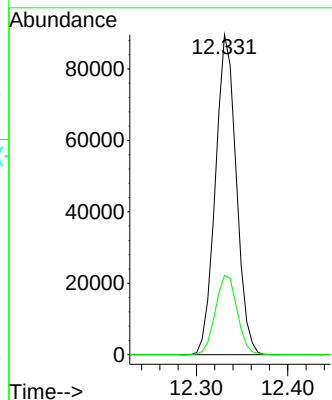
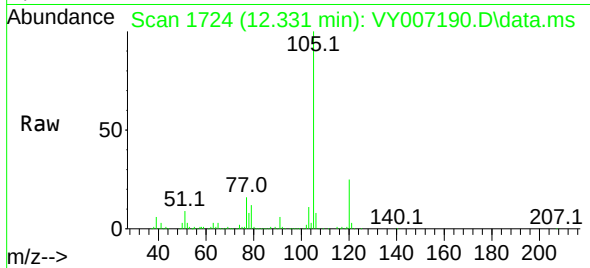




#73
Isopropylbenzene
Concen: 18.651 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

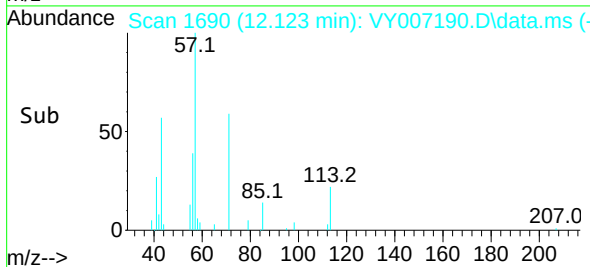
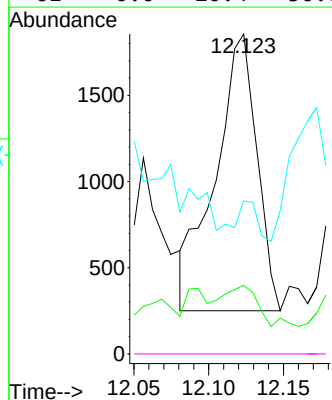
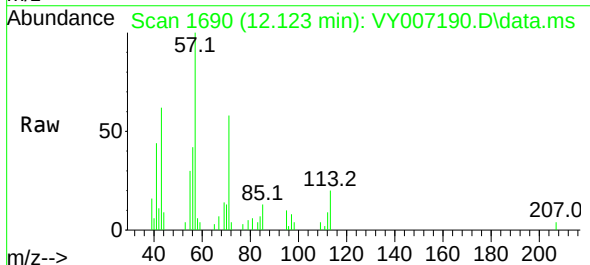
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

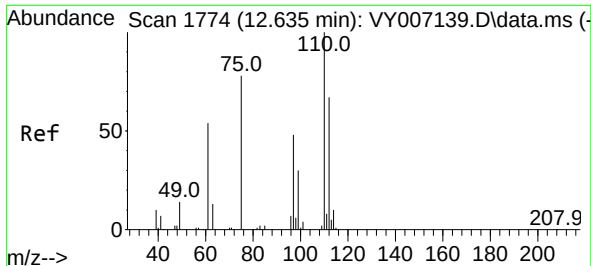
Tgt Ion:105 Resp: 142132
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 1.528 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
70 11.6 36.2 54.4#
55 0.0 19.0 28.4#
61 0.0 20.4 30.6#

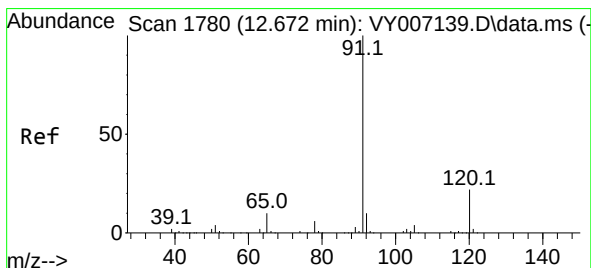
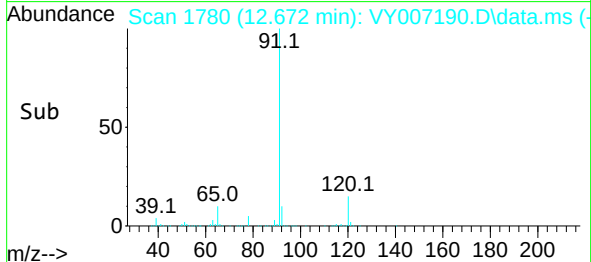
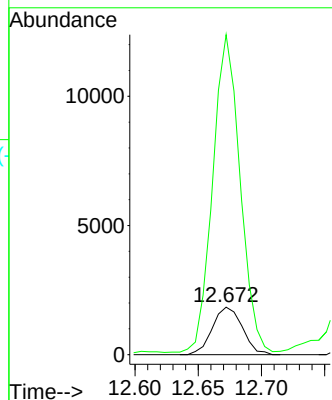
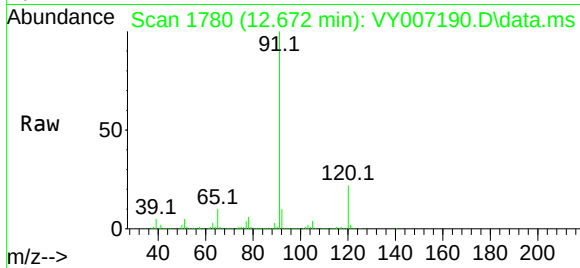




#76
1,2,3-Trichloropropane
Concen: 3.014 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.037 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

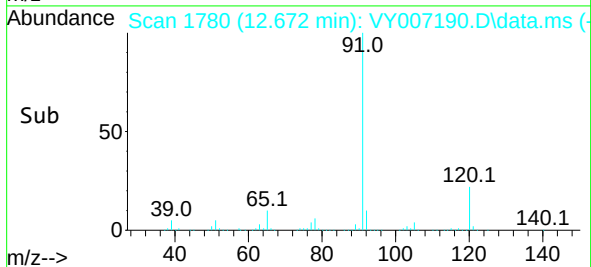
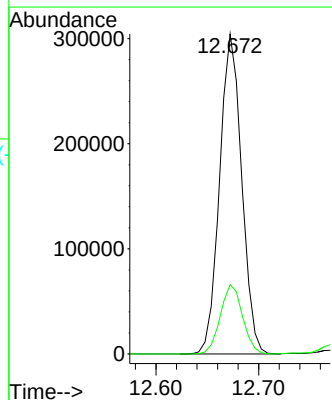
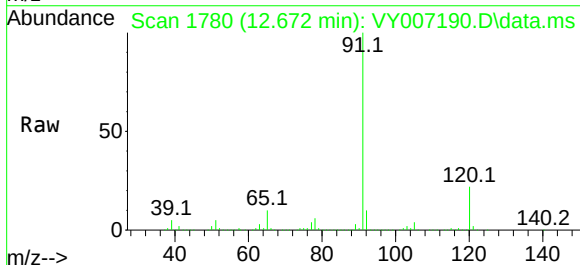
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

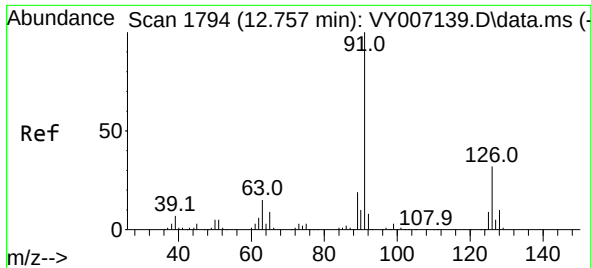
Tgt Ion: 75 Resp: 3032
Ion Ratio Lower Upper
75 100
77 623.6 0.0 0.0#



#78
n-propylbenzene
Concen: 47.982 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 91 Resp: 453276
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5

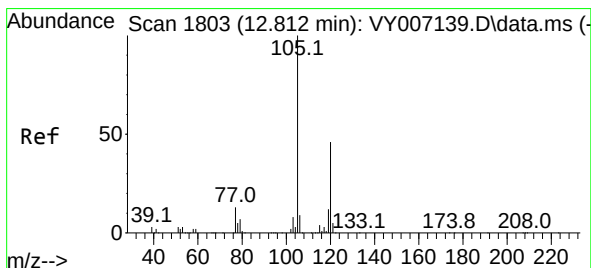
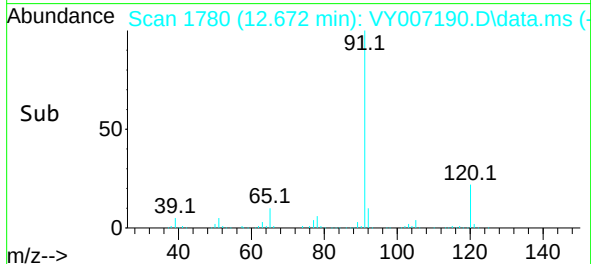
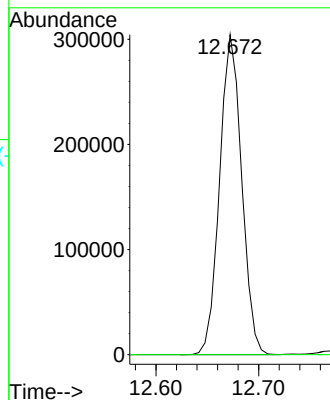
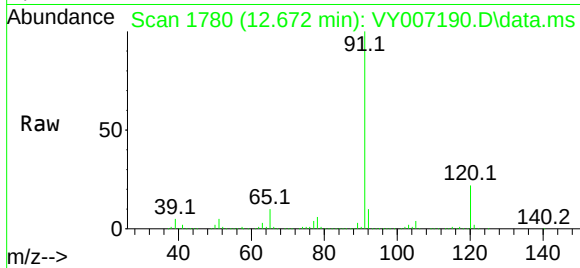




#79
2-Chlorotoluene
Concen: 86.299 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.085 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

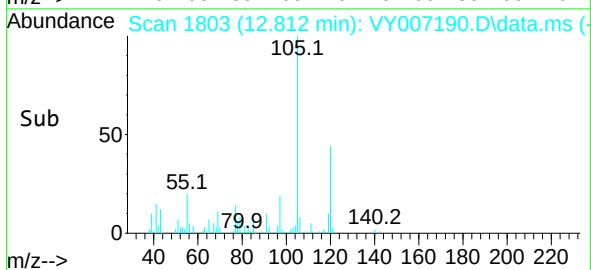
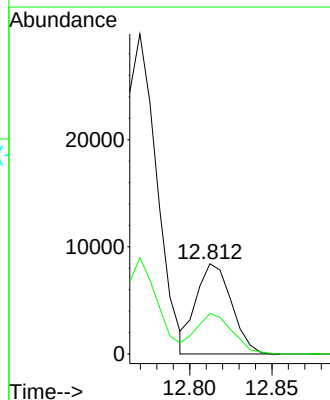
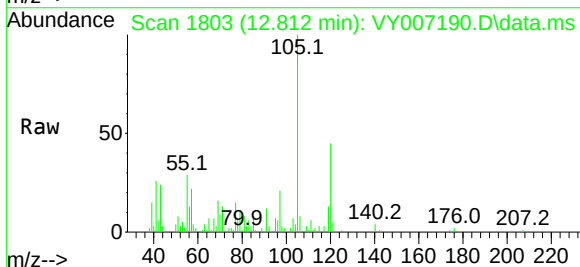
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

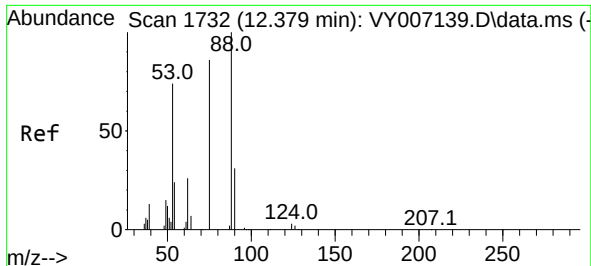
Tgt Ion: 91 Resp: 453276
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#80
1,3,5-Trimethylbenzene
Concen: 2.010 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 105 Resp: 12577
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1

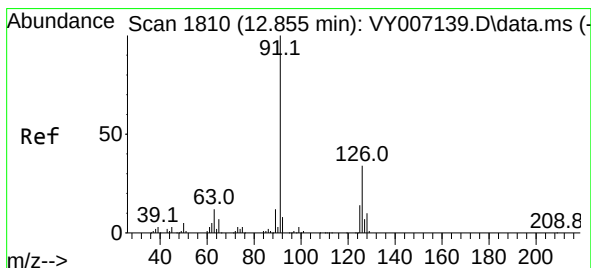
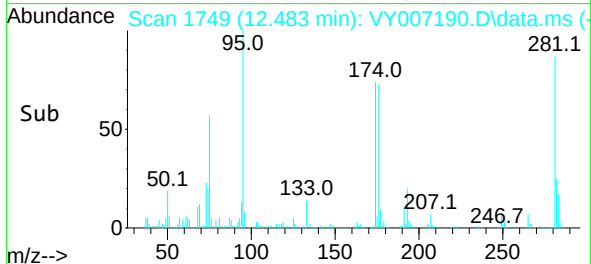
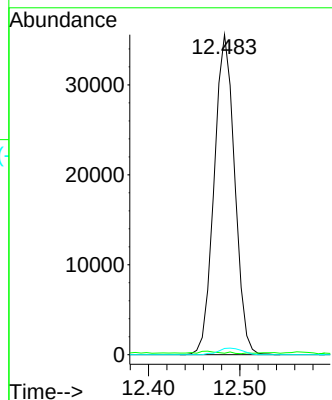
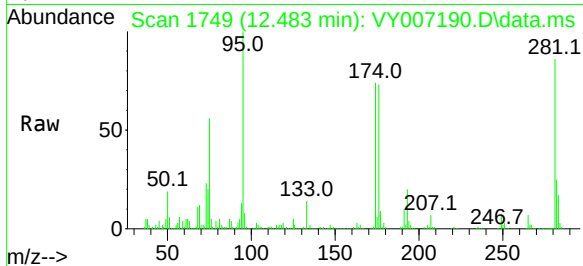




#81
trans-1,4-Dichloro-2-butene
Concen: 100.983 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

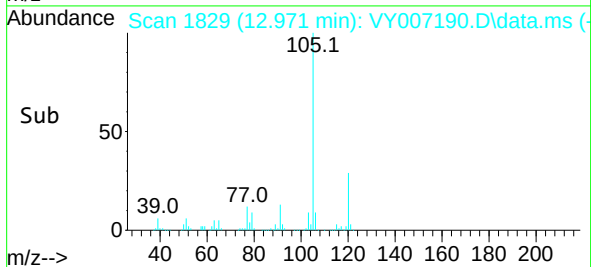
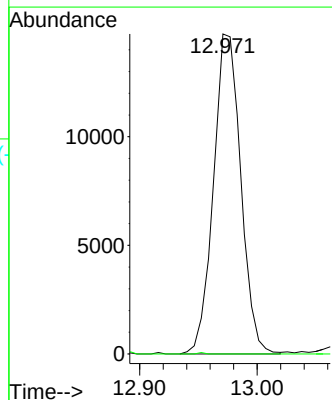
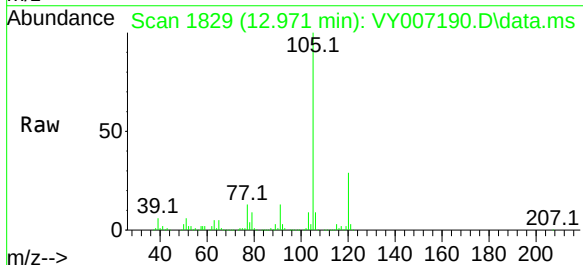
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

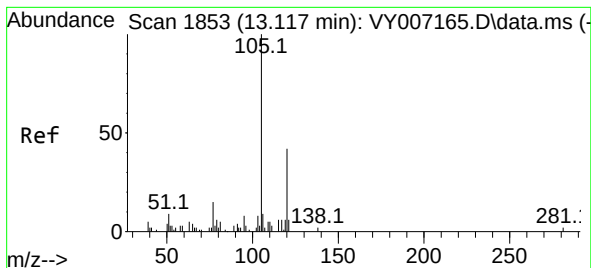
Tgt Ion: 75 Resp: 55495
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 2.4 0.0 0.0#



#82
4-Chlorotoluene
Concen: 4.345 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. 0.116 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 91 Resp: 23809
Ion Ratio Lower Upper
91 100
126 0.1 16.3 48.9#





#84

1,2,4-Trimethylbenzene

Concen: 15.350 ug/l

RT: 13.123 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007190.D

Acq: 17 Jan 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

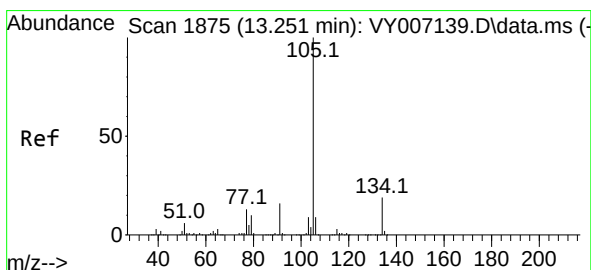
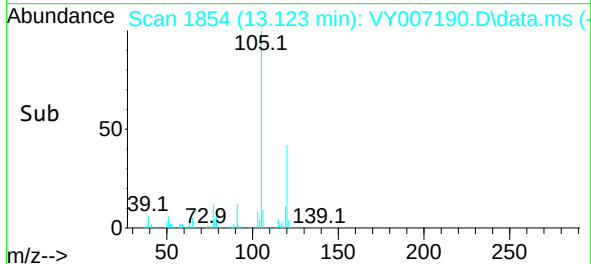
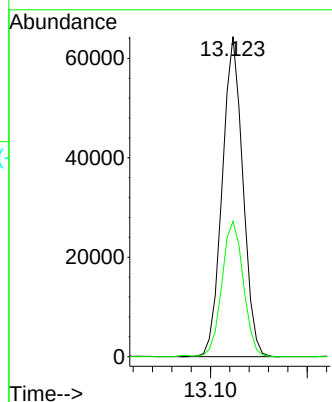
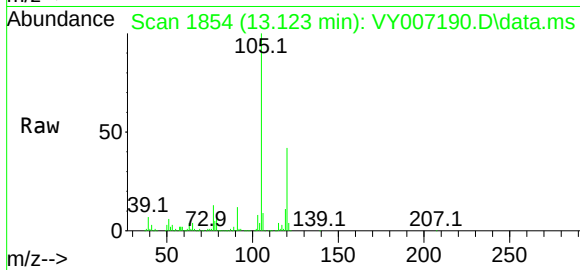
A3-1-5.5

Tgt Ion:105 Resp: 95201

Ion Ratio Lower Upper

105 100

120 43.8 21.6 64.6



#85

sec-Butylbenzene

Concen: 5.342 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY007190.D

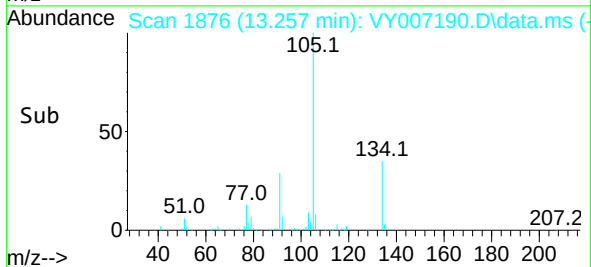
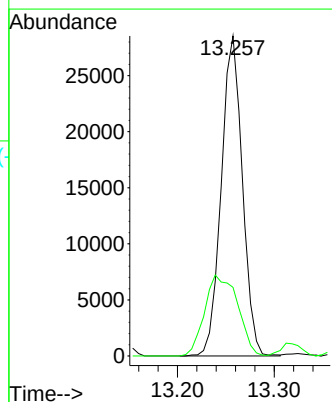
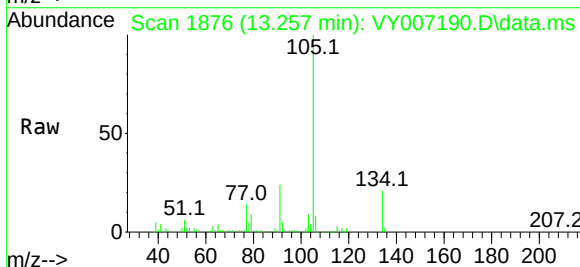
Acq: 17 Jan 2022 16:26

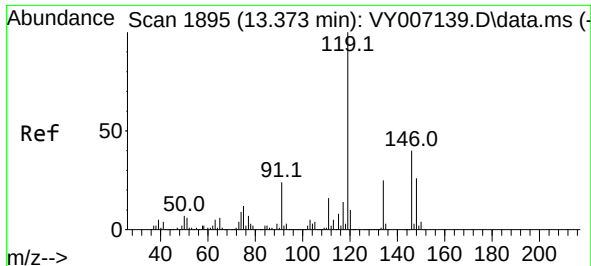
Tgt Ion:105 Resp: 43213

Ion Ratio Lower Upper

105 100

134 39.6 9.9 29.7#

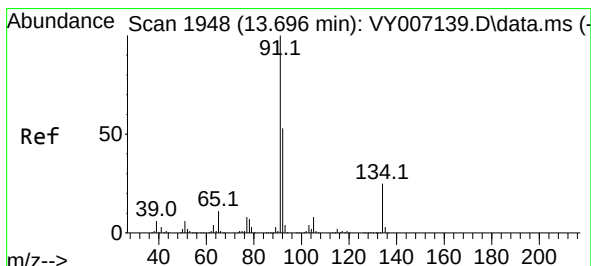
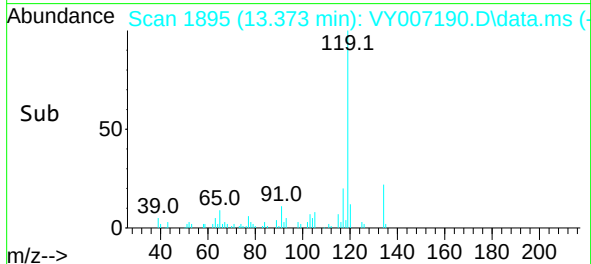
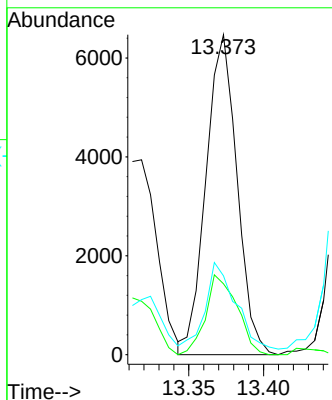
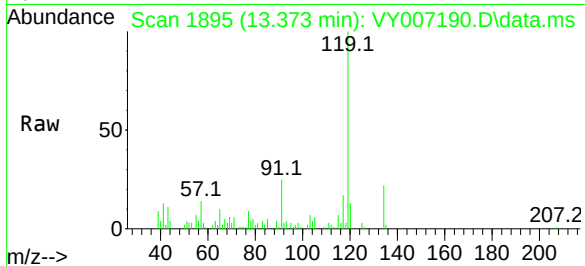




#86
p-Isopropyltoluene
Concen: 1.403 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

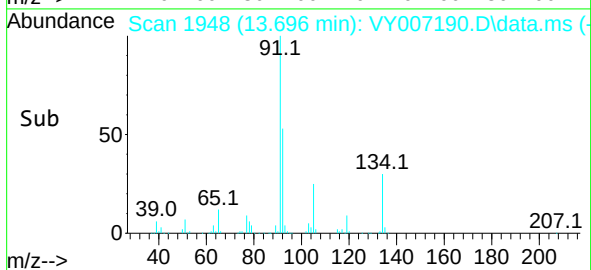
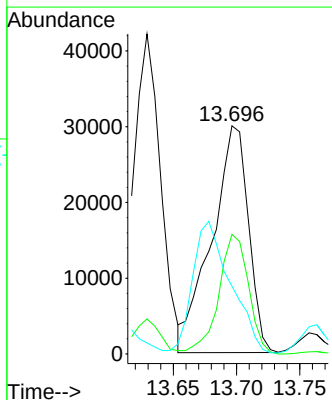
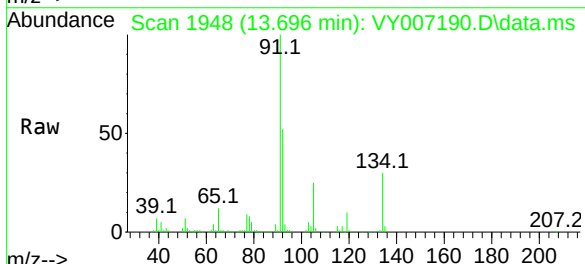
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

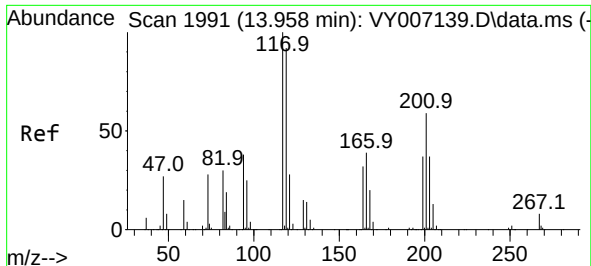
Tgt Ion:	119	Resp:	9324
Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.9	38.7
91	26.1	12.4	37.2



#89
n-Butylbenzene
Concen: 9.241 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion:	91	Resp:	60479
Ion	Ratio	Lower	Upper
91	100		
92	42.6	26.9	80.6
134	60.1	12.6	37.6#

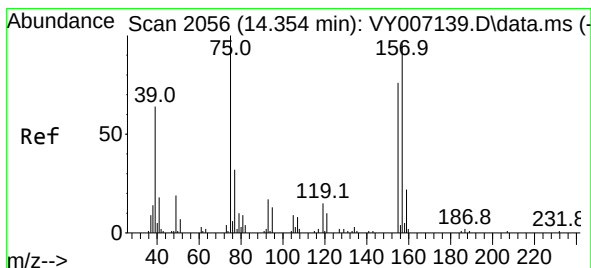
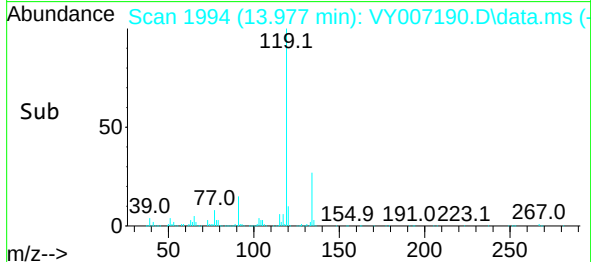
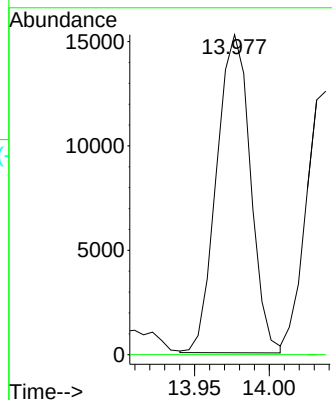
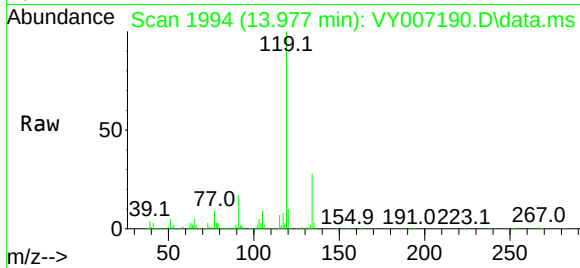




#90
Hexachloroethane
Concen: 18.474 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.019 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

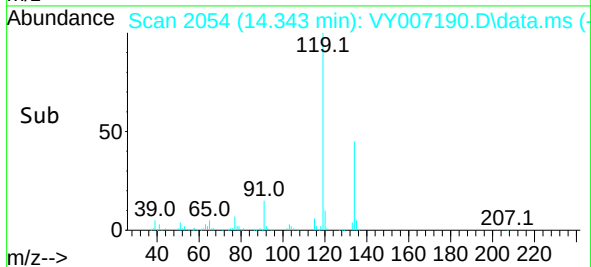
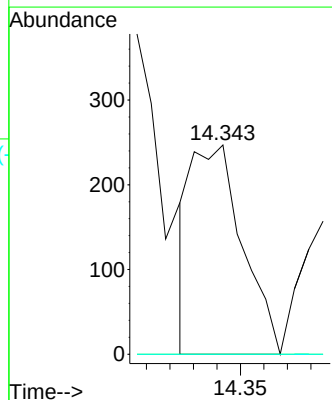
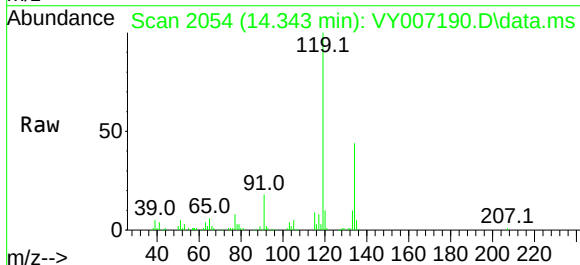
Instrument :
MSVOA_Y
ClientSampleId :
A3-1-5.5

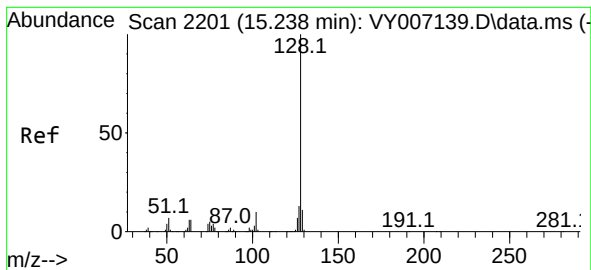
Tgt Ion:117 Resp: 24007
Ion Ratio Lower Upper
117 100
201 0.0 33.6 100.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.461 ug/l
RT: 14.343 min Scan# 2054
Delta R.T. -0.012 min
Lab File: VY007190.D
Acq: 17 Jan 2022 16:26

Tgt Ion: 75 Resp: 374
Ion Ratio Lower Upper
75 100
155 0.0 40.1 120.2#
157 0.0 51.7 155.2#





#95

Naphthalene

Concen: 56.120 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007190.D

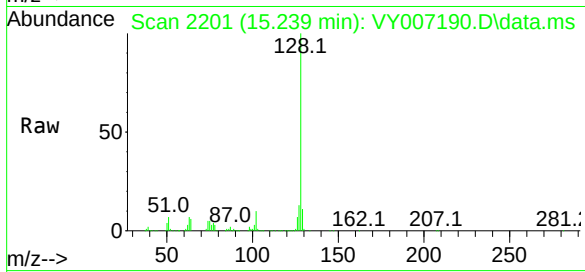
Acq: 17 Jan 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

A3-1-5.5



Tgt Ion:128 Resp: 209323

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.2 8.9 13.3

