

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008006.D
 Acq On : 22 Mar 2022 17:28
 Operator : SY/MD
 Sample : N2061-01
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RW-1-20220321-16.0-17.0

Quant Time: Mar 23 05:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	217517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	207824	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	294199	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133139	53.683	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.716	113	122268	41.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.000%	
50) Toluene-d8	10.179	98	539471	62.041	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.080%	
62) 4-Bromofluorobenzene	12.483	95	419784	99.271	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 198.540%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.131	85	89	Below Cal	#	43
3) Chloromethane	2.107	50	1165	Below Cal		90
4) Vinyl Chloride	2.266	62	191	Below Cal	#	43
5) Bromomethane	2.650	94	172	Below Cal	#	28
11) Tert butyl alcohol	4.942	59	1224	4.236	ug/l	# 77
13) Acrolein	3.692	56	6051	34.772	ug/l	# 1
14) Allyl chloride	4.588	41	39019	9.822	ug/l	# 50
16) Acetone	3.942	43	166503	253.070	ug/l	96
17) Carbon Disulfide	4.192	76	316257	72.675	ug/l	98
18) Methyl Acetate	4.546	43	6918	Below Cal	#	58
20) Methylene Chloride	4.710	84	9836	Below Cal	#	80
25) 2-Butanone	6.990	43	60862	57.752	ug/l	96
28) Bromochloromethane	7.527	49	3483	1.832	ug/l	# 16
29) Tetrahydrofuran	7.356	42	2681	3.970	ug/l	# 48
30) Chloroform	7.527	83	11401	2.291	ug/l	# 68
31) Cyclohexane	7.783	56	654524	195.474	ug/l	97
36) 1,1-Dichloropropene	8.155	75	1261580	288.686	ug/l	# 1
37) Ethyl Acetate	6.990	43	60862	22.824	ug/l	# 73
38) Carbon Tetrachloride	7.783	117	23518	5.036	ug/l	# 14
39) Methylcyclohexane	9.185	83	2660591	583.906	ug/l	88
41) Methacrylonitrile	7.356	41	12059	7.333	ug/l	# 65
42) 1,2-Dichloroethane	8.161	62	552760	149.497	ug/l	# 79
43) Isopropyl Acetate	8.271	43	62589	12.175	ug/l	# 56
45) 1,2-Dichloropropane	9.185	63	27960	8.456	ug/l	# 1
47) Bromodichloromethane	9.466	83	30073	6.435	ug/l	# 46
48) Methyl methacrylate	9.246	41	98498	43.072	ug/l	# 50
51) 4-Methyl-2-Pentanone	10.124	43	44774	16.531	ug/l	# 61
52) Toluene	10.246	92	1482151	180.722	ug/l	95
55) 1,1,2-Trichloroethane	10.624	97	434321	154.542	ug/l	# 21
56) Ethyl methacrylate	10.520	69	186569	46.242	ug/l	# 13
58) 2-Chloroethyl Vinyl ether	9.764	63	12784	6.459	ug/l	# 48
59) 2-Hexanone	10.807	43	938650	484.628	ug/l	# 33
61) 1,2-Dibromoethane	11.093	107	9385	3.452	ug/l	# 3
65) Chlorobenzene	11.514	112	19148985	3846.402	ug/l	# 66
68) m/p-Xylenes	11.697	106	15282757	4417.855	ug/l	# 1
69) o-Xylene	12.044	106	15051964	4498.322	ug/l	# 1

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

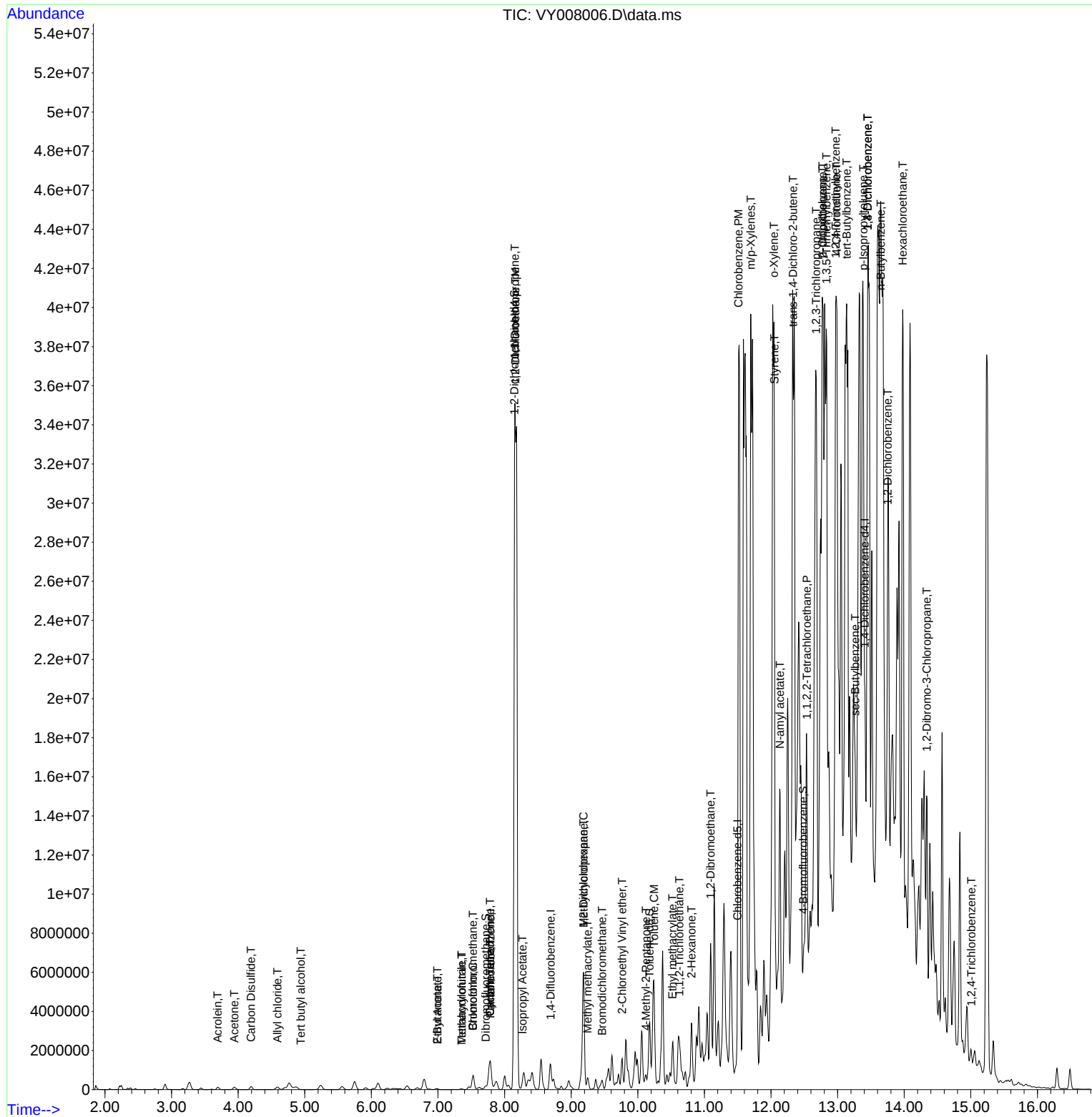
70) Styrene	12.050	104	1185413	210.711	ug/l #	1
74) N-amyl acetate	12.136	43	2558852	334.926	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.538	83	401489	72.026	ug/l #	87
76) 1,2,3-Trichloropropane	12.678	75	207582	49.503	ug/l #	100
78) n-propylbenzene	12.776	91	5049572	161.482	ug/l #	1
79) 2-Chlorotoluene	12.776	91	5049572	287.019	ug/l #	48
80) 1,3,5-Trimethylbenzene	12.831	105	17948347	842.807	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.331	75	419814	210.282	ug/l #	53
82) 4-Chlorotoluene	12.983	91	4160708	227.654	ug/l	73
83) tert-Butylbenzene	13.136	119	5838090	306.348	ug/l #	60
84) 1,2,4-Trimethylbenzene	12.971	105	20667480	990.014	ug/l	94
85) sec-Butylbenzene	13.264	105	1935568	67.772	ug/l #	54
86) p-Isopropyltoluene	13.386	119	11554544	498.344	ug/l	93
87) 1,3-Dichlorobenzene	13.453	146	7059784	610.856	ug/l	95
88) 1,4-Dichlorobenzene	13.453	146	7059784	609.478	ug/l	96
89) n-Butylbenzene	13.648	91	1441150	64.768	ug/l #	33
90) Hexachloroethane	13.977	117	2510641	542.507	ug/l #	6
91) 1,2-Dichlorobenzene	13.751	146	495725	47.686	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.337	75	38247	39.883	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.007	180	10351	1.575	ug/l #	1

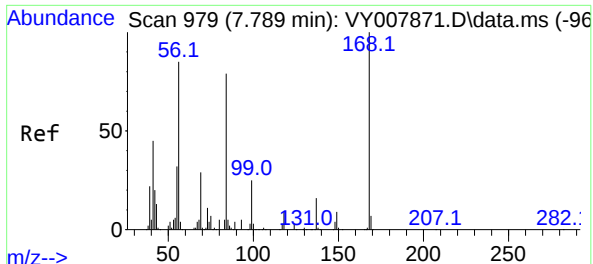
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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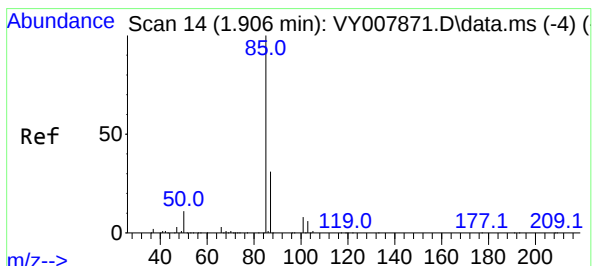
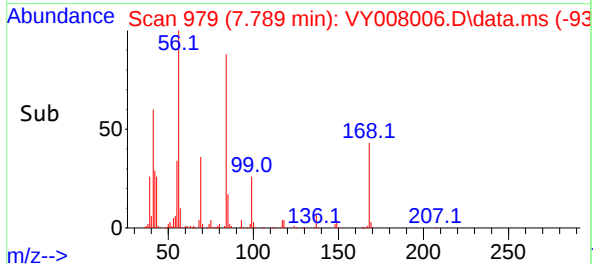
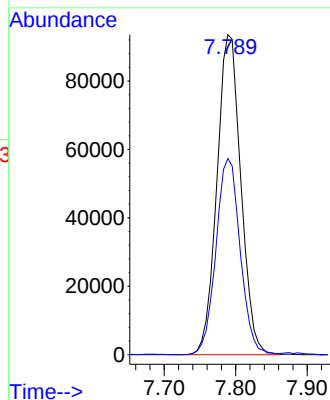
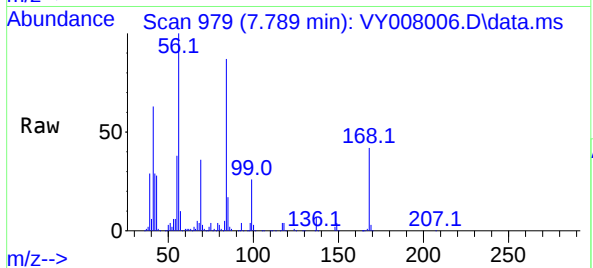




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

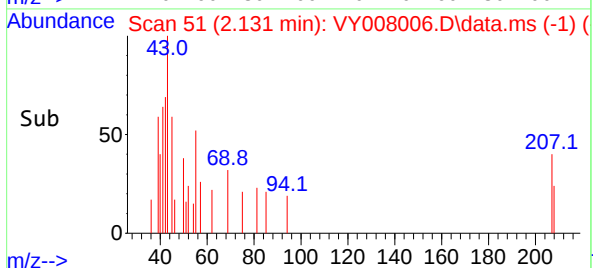
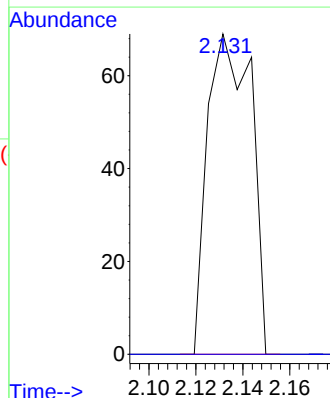
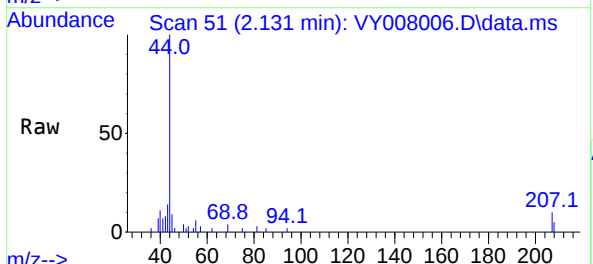
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

Tgt Ion:168 Resp: 217517
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3

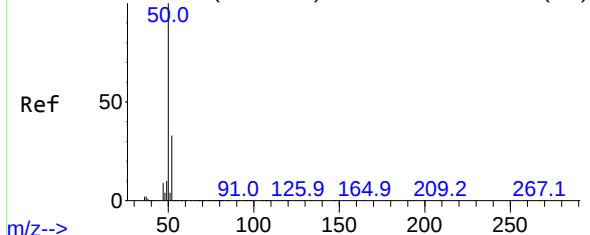


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.131 min Scan# 51
Delta R.T. 0.226 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 85 Resp: 89
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007871.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-16.0-17.0

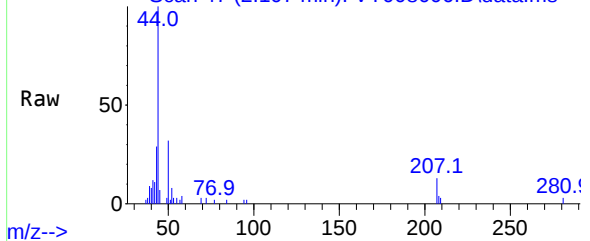
Tgt Ion: 50 Resp: 1165

Ion Ratio Lower Upper

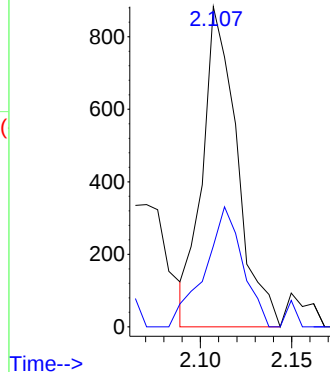
50 100

52 25.3 24.6 37.0

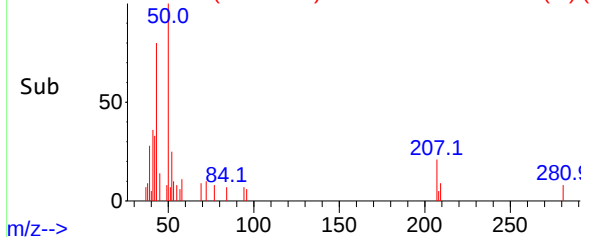
Abundance Scan 47 (2.107 min): VY008006.D\data.ms



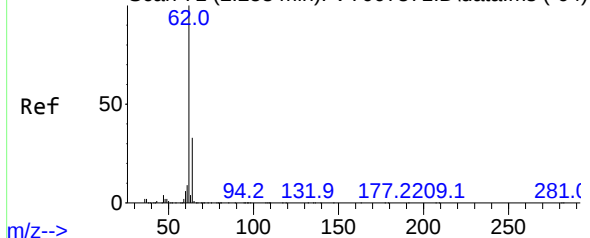
Abundance



Abundance Scan 47 (2.107 min): VY008006.D\data.ms (-1)



Abundance Scan 71 (2.253 min): VY007871.D\data.ms (-64)



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.266 min Scan# 73

Delta R.T. 0.012 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

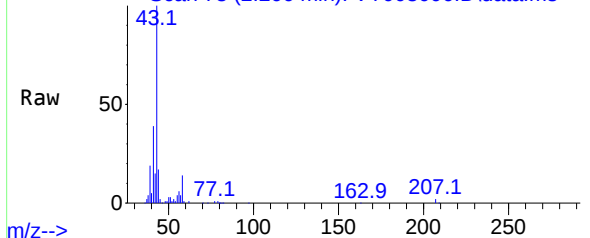
Tgt Ion: 62 Resp: 191

Ion Ratio Lower Upper

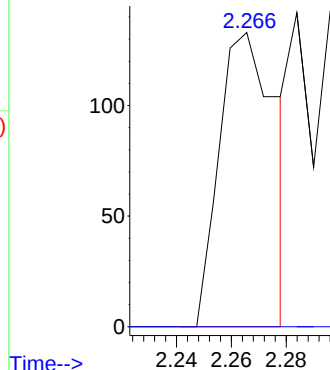
62 100

64 0.0 25.0 37.6#

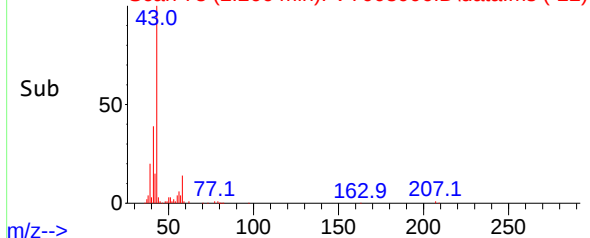
Abundance Scan 73 (2.266 min): VY008006.D\data.ms

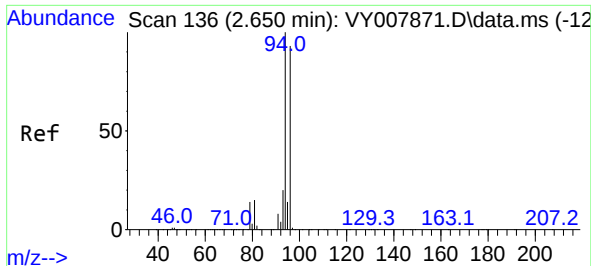


Abundance



Abundance Scan 73 (2.266 min): VY008006.D\data.ms (-22)

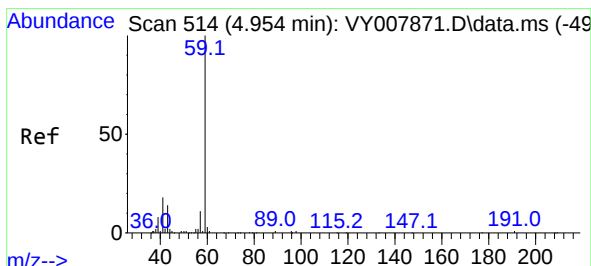
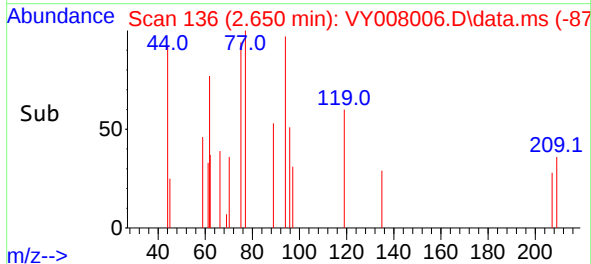
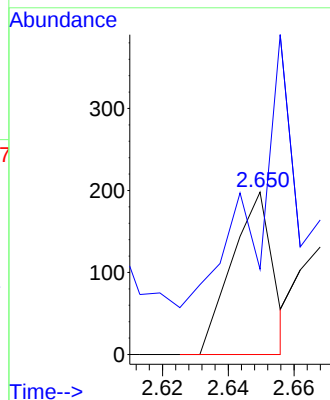
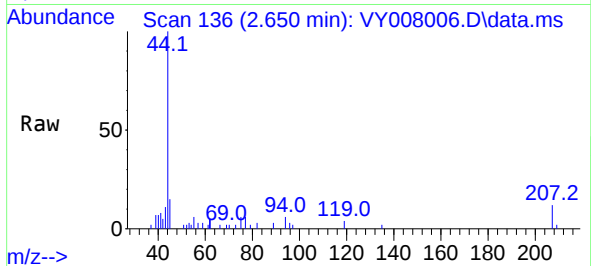




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

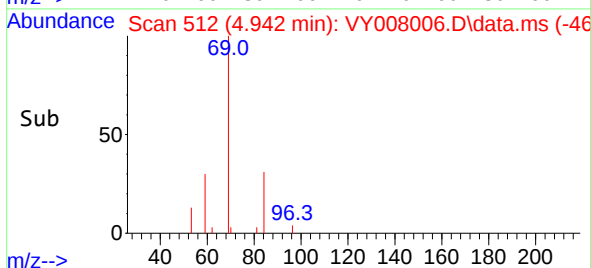
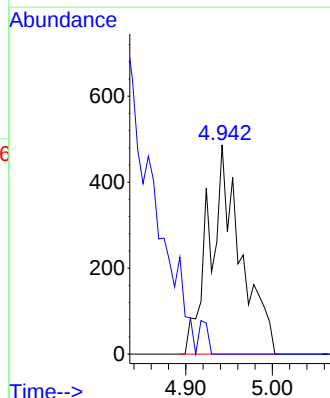
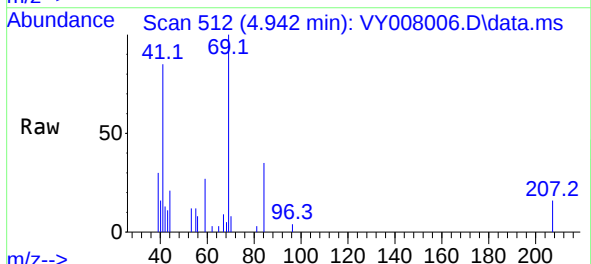
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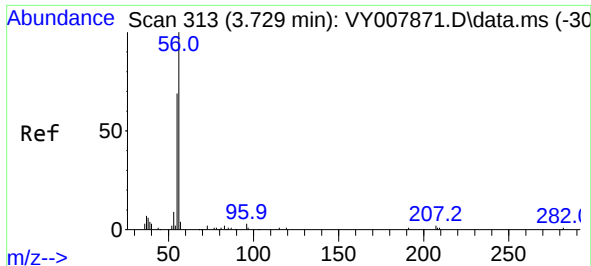
Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 23.7 73.5 110.3#



#11
Tert butyl alcohol
Concen: 4.236 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 59 Resp: 1224
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

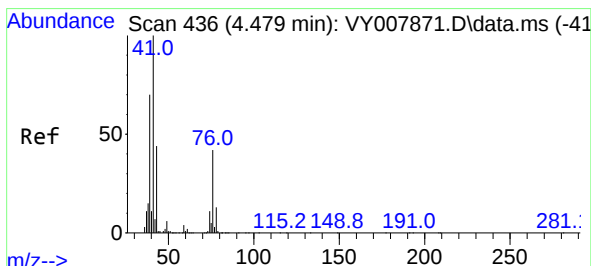
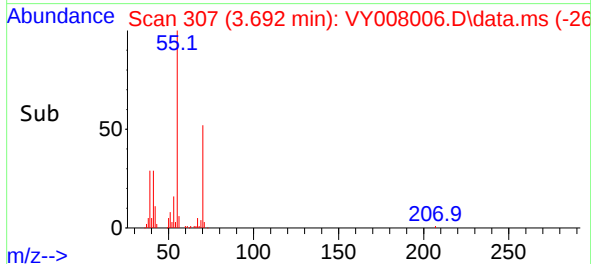
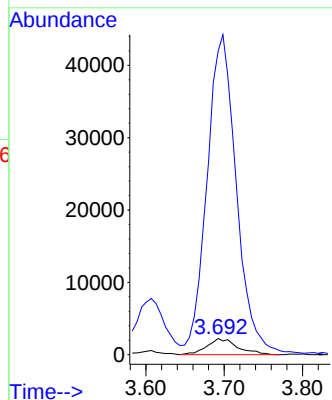
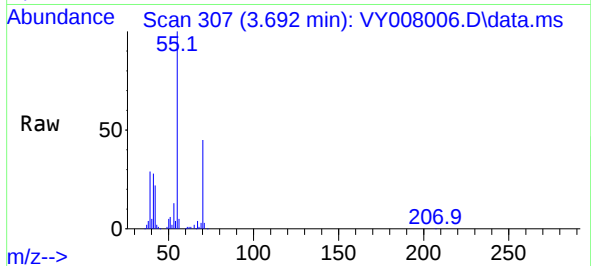




#13
Acrolein
Concen: 34.772 ug/l
RT: 3.692 min Scan# 307
Delta R.T. -0.037 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

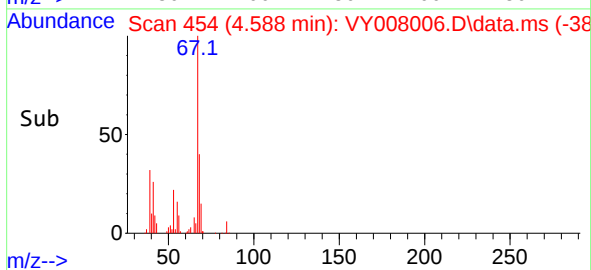
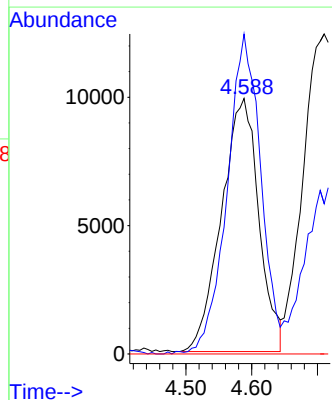
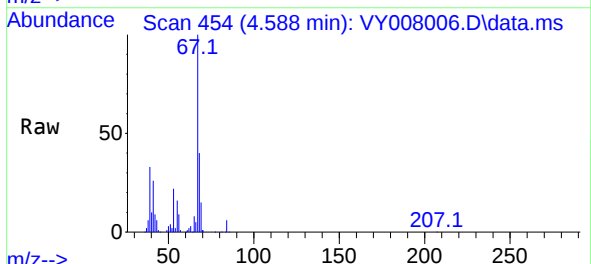
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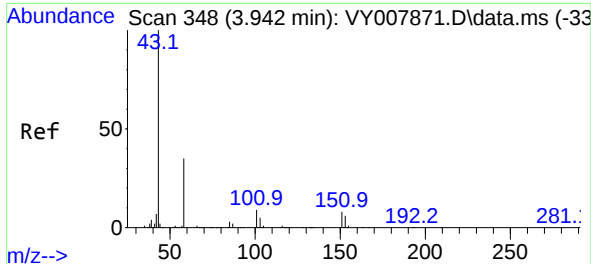
Tgt Ion: 56 Resp: 6051
Ion Ratio Lower Upper
56 100
55 1894.4 57.6 86.4#



#14
Allyl chloride
Concen: 9.822 ug/l
RT: 4.588 min Scan# 454
Delta R.T. 0.110 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 41 Resp: 39019
Ion Ratio Lower Upper
41 100
39 113.4 58.8 88.2#
76 0.0 25.1 37.7#





#16

Acetone

Concen: 253.070 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

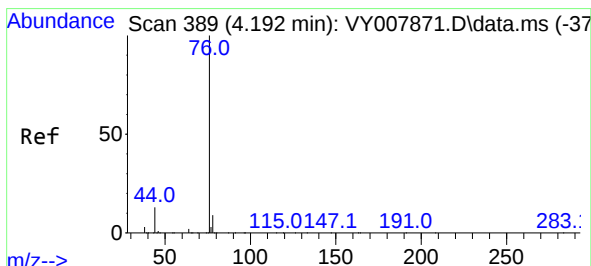
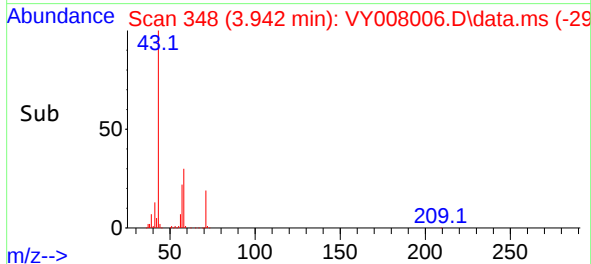
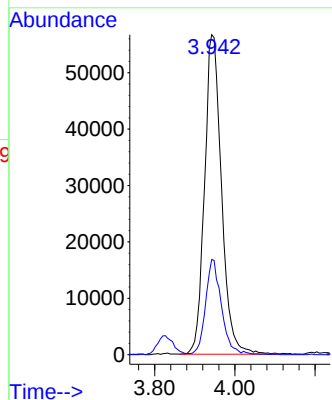
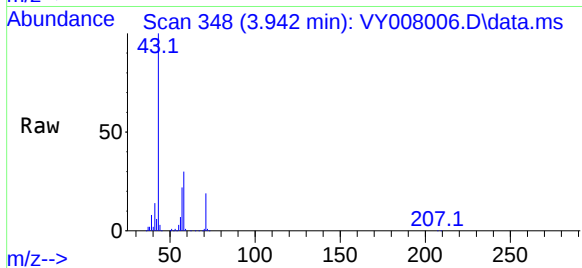
RW-1-20220321-16.0-17.0

Tgt Ion: 43 Resp: 166503

Ion Ratio Lower Upper

43 100

58 29.8 22.0 33.0



#17

Carbon Disulfide

Concen: 72.675 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.000 min

Lab File: VY008006.D

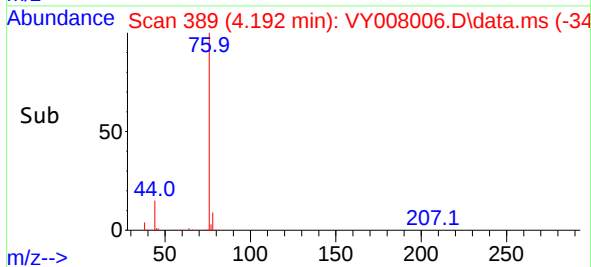
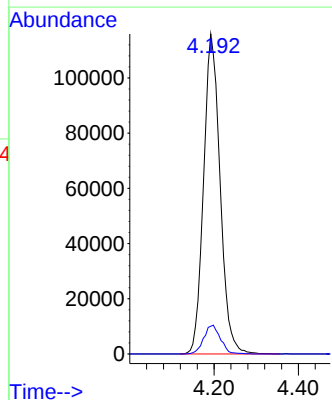
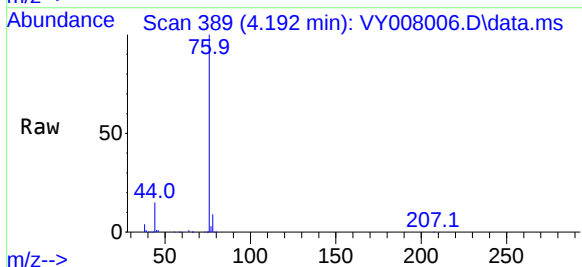
Acq: 22 Mar 2022 17:28

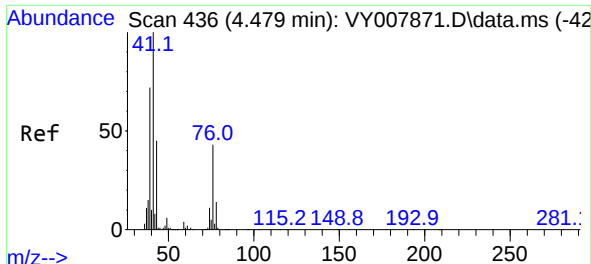
Tgt Ion: 76 Resp: 316257

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.546 min Scan# 44

Delta R.T. 0.073 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

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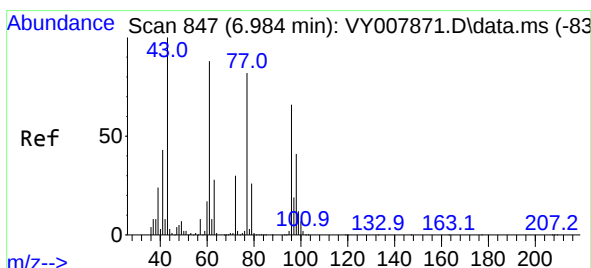
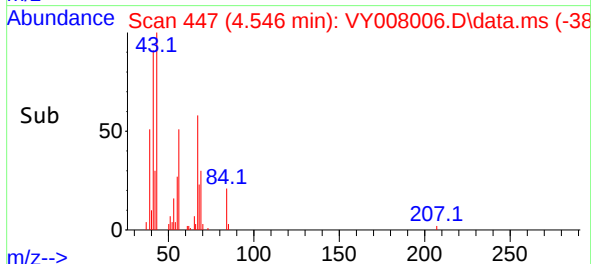
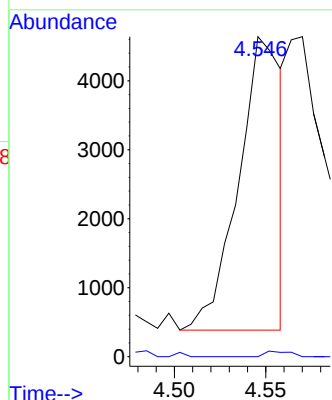
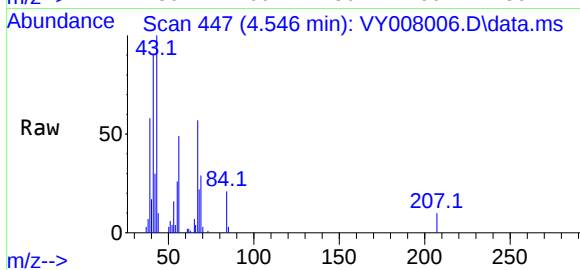
RW-1-20220321-16.0-17.0

Tgt Ion: 43 Resp: 6918

Ion Ratio Lower Upper

43 100

74 1.1 16.6 24.8#



#25

2-Butanone

Concen: 57.752 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY008006.D

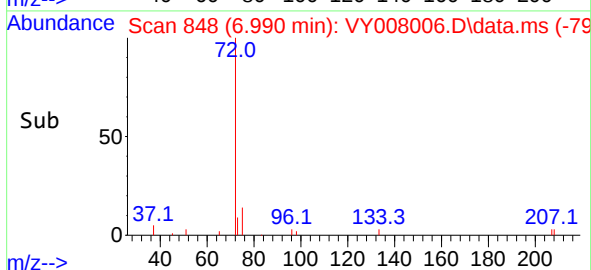
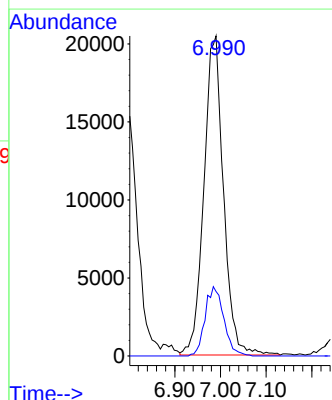
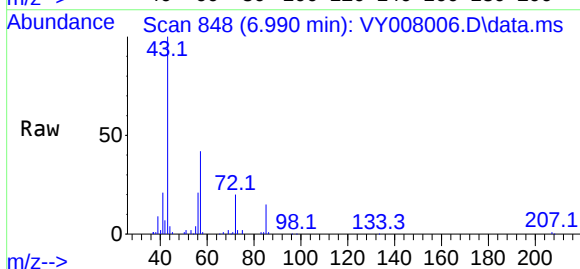
Acq: 22 Mar 2022 17:28

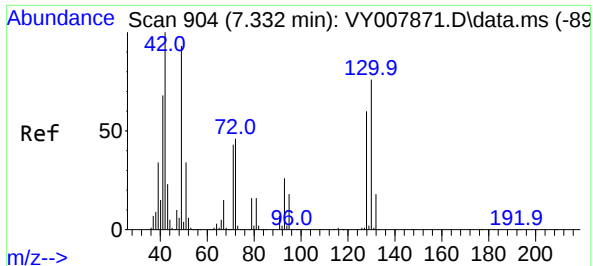
Tgt Ion: 43 Resp: 60862

Ion Ratio Lower Upper

43 100

72 20.2 17.7 26.5

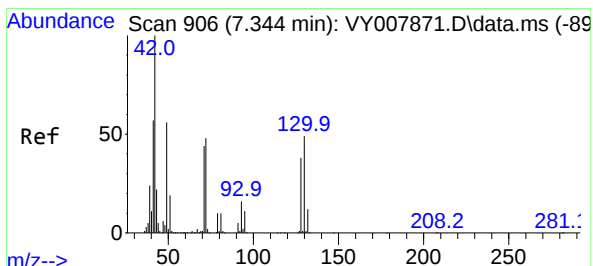
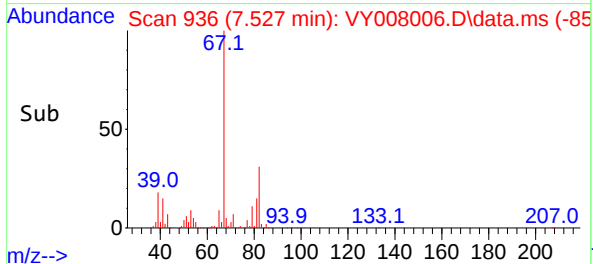
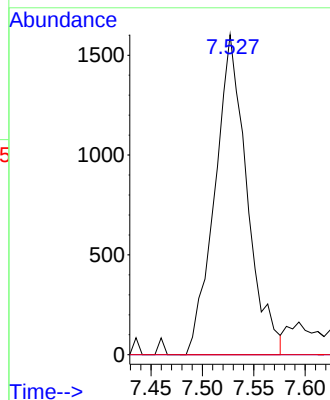
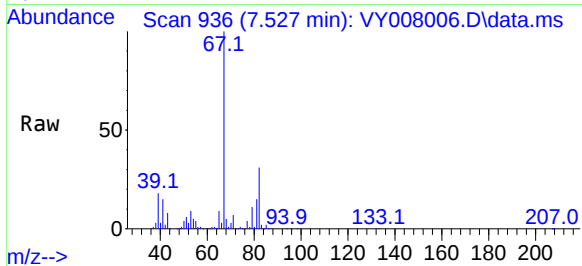




#28
Bromochloromethane
Concen: 1.832 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.195 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

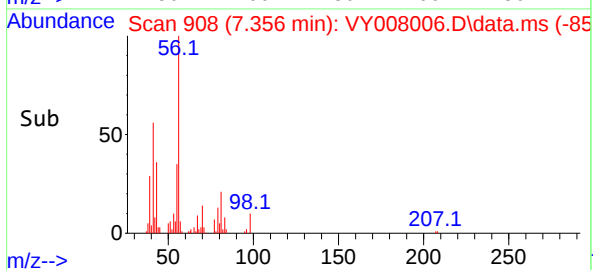
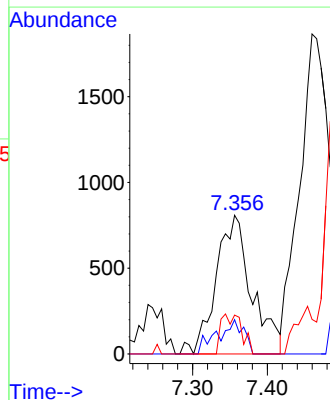
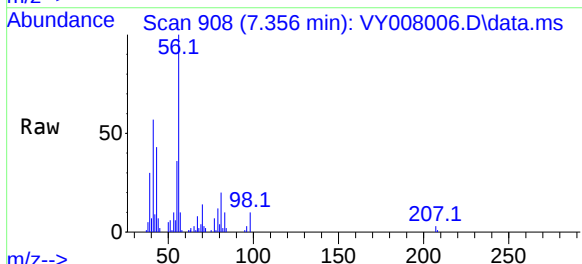
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

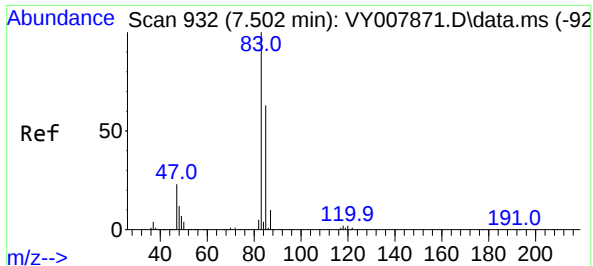
Tgt Ion: 49 Resp: 3483
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



#29
Tetrahydrofuran
Concen: 3.970 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 42 Resp: 2681
Ion Ratio Lower Upper
42 100
72 11.7 30.3 45.5#
71 0.0 29.0 43.4#

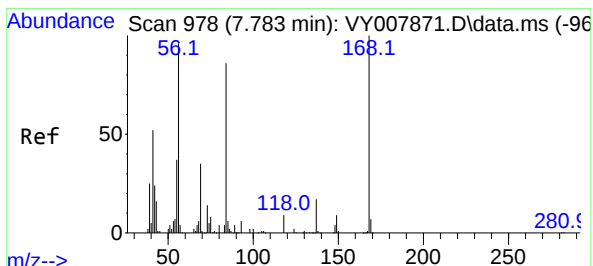
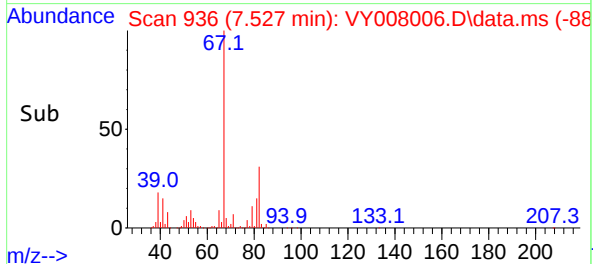
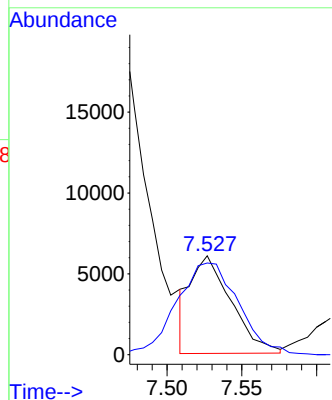
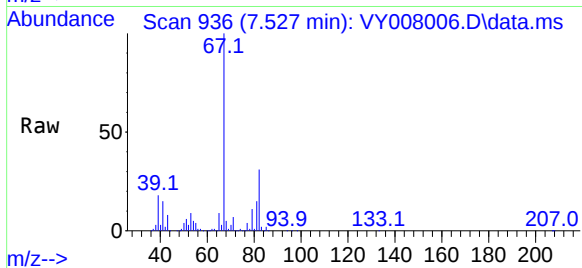




#30
Chloroform
Concen: 2.291 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

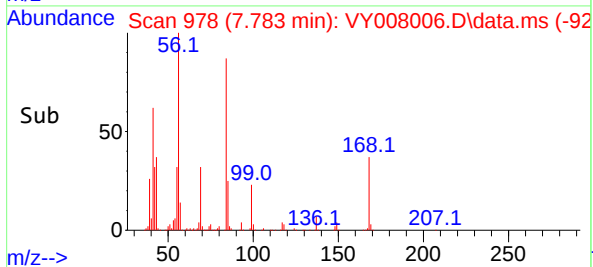
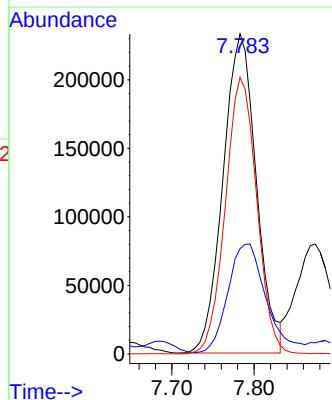
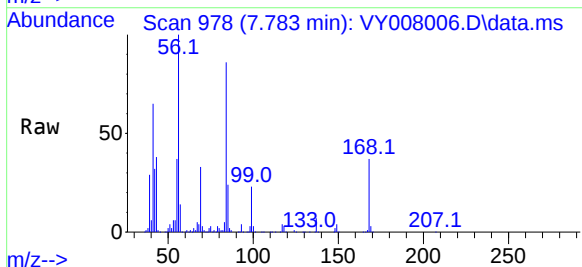
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

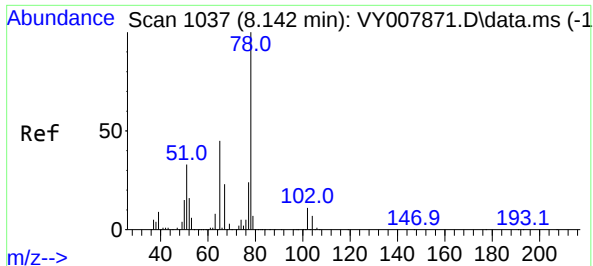
Tgt Ion: 83 Resp: 11401
Ion Ratio Lower Upper
83 100
85 89.7 51.8 77.6#



#31
Cyclohexane
Concen: 195.474 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 56 Resp: 654524
Ion Ratio Lower Upper
56 100
69 31.6 26.7 40.1
84 86.6 67.2 100.8

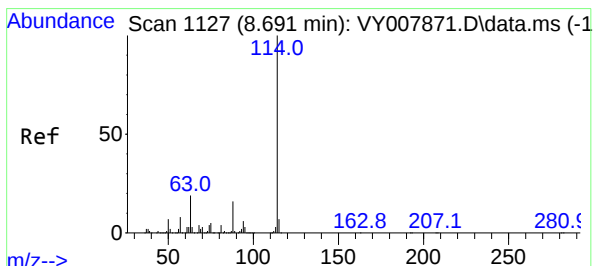
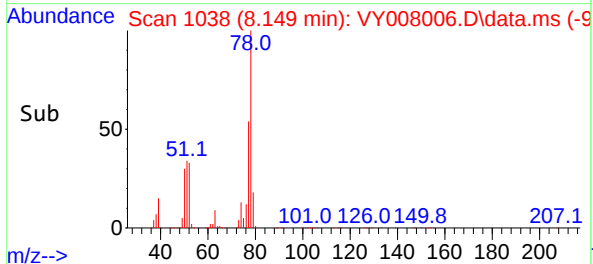
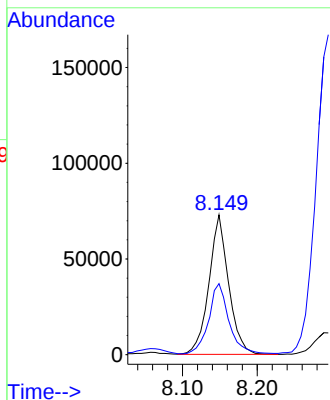
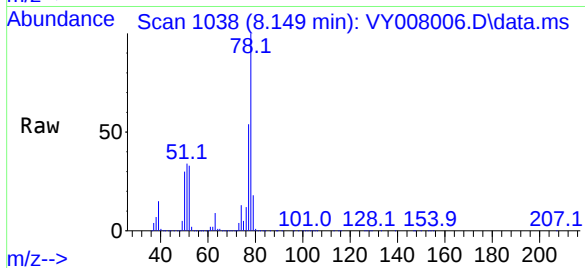




#33
1,2-Dichloroethane-d4
Concen: 53.683 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

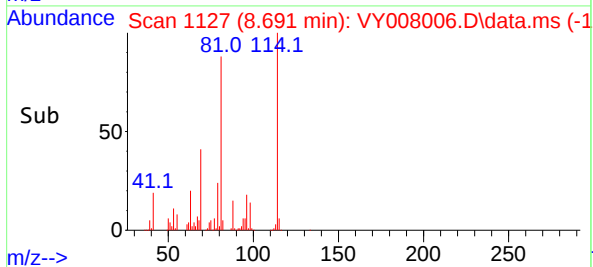
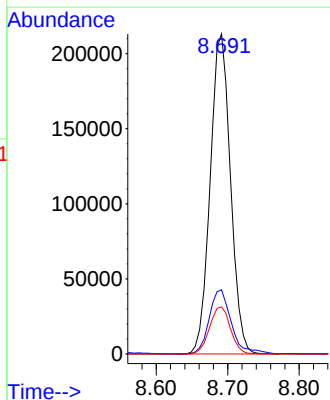
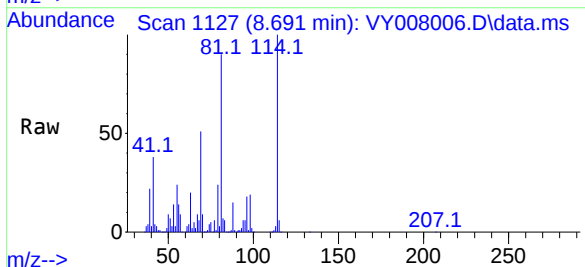
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

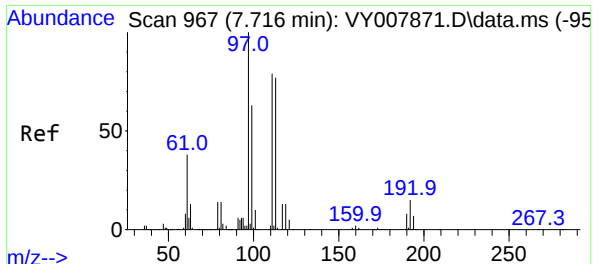
Tgt Ion: 65 Resp: 133139
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 114 Resp: 419543
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 14.7 0.0 31.8

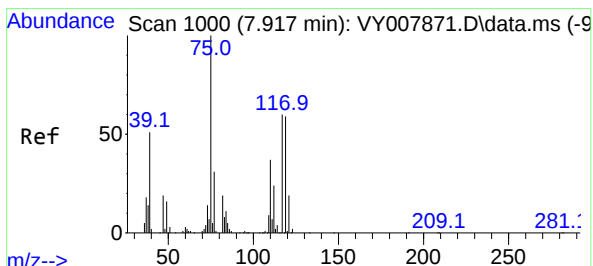
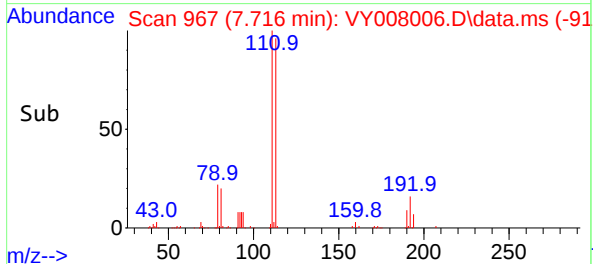
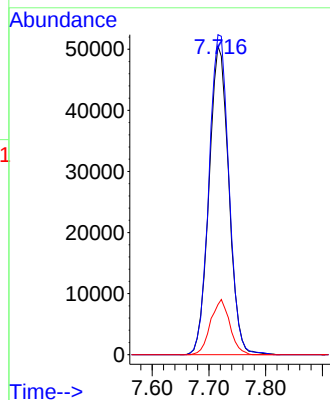
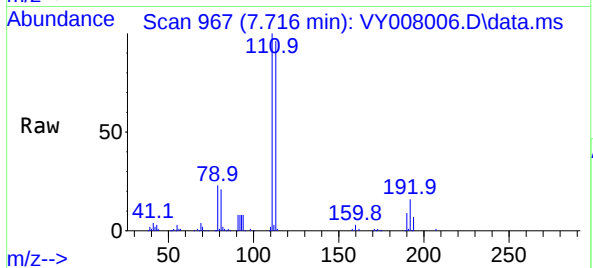




#35
Dibromofluoromethane
Concen: 41.497 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

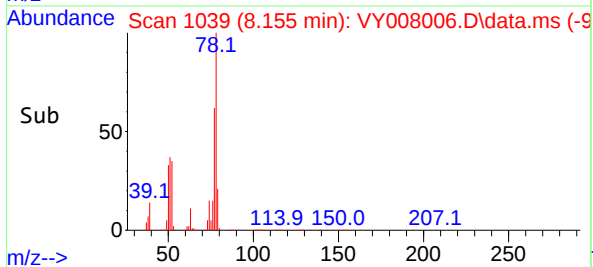
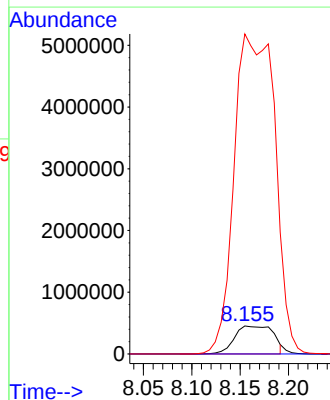
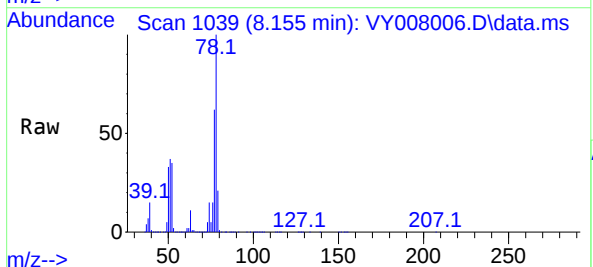
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

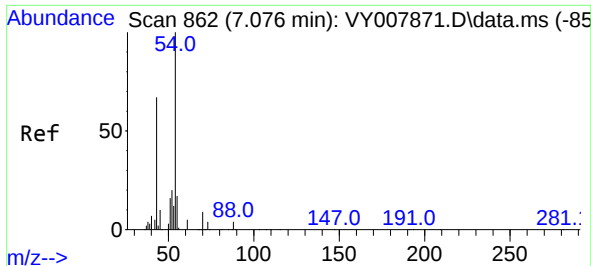
Tgt Ion:113 Resp: 122268
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 17.5 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 288.686 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.238 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 75 Resp: 1261580
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 1165.9 24.4 36.6#





#37

Ethyl Acetate

Concen: 22.824 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.079 min

Lab File: VY008006.D

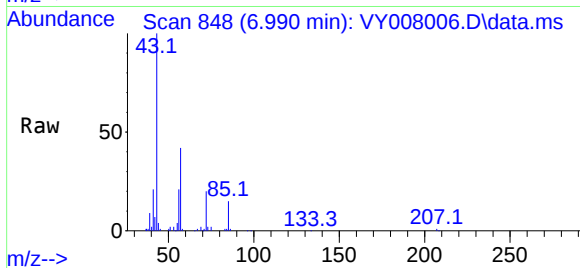
Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-16.0-17.0



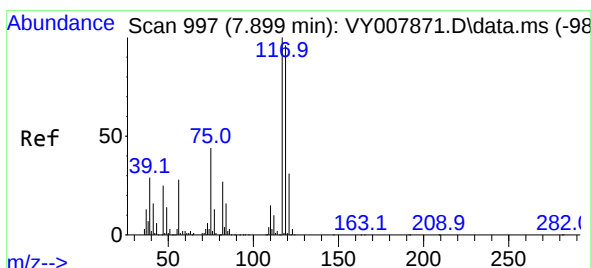
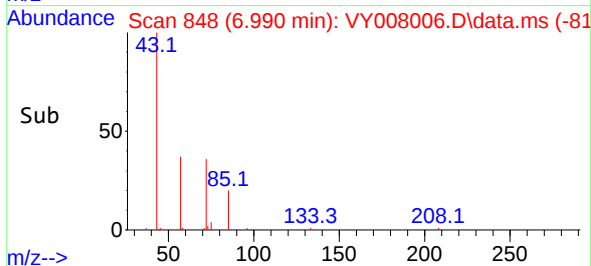
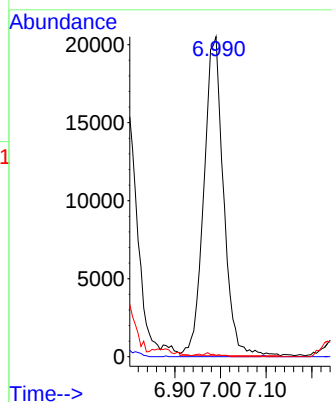
Tgt Ion: 43 Resp: 60862

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 1.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.036 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

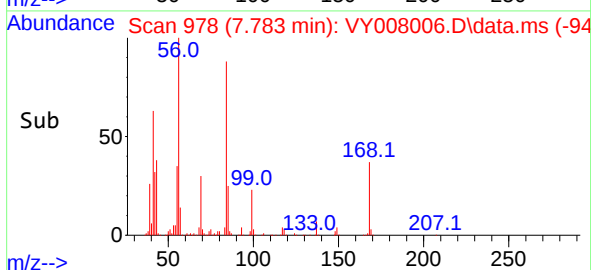
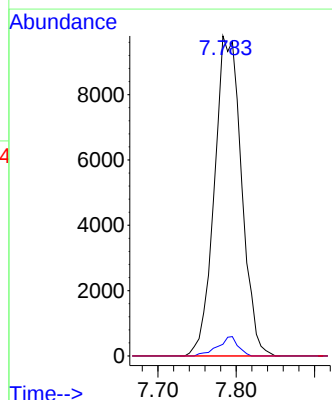
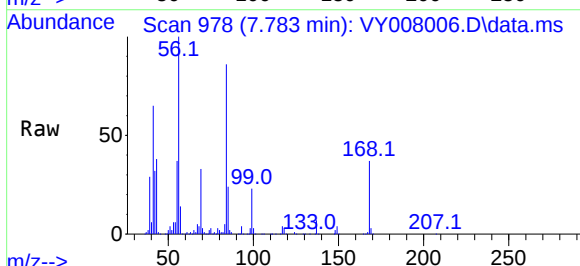
Tgt Ion: 117 Resp: 23518

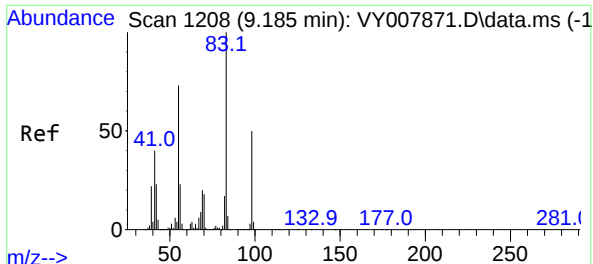
Ion Ratio Lower Upper

117 100

119 3.6 77.9 116.9#

121 0.0 24.8 37.2#



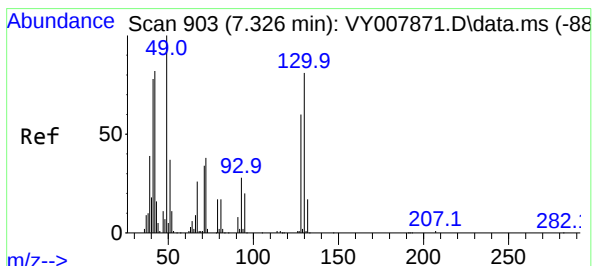
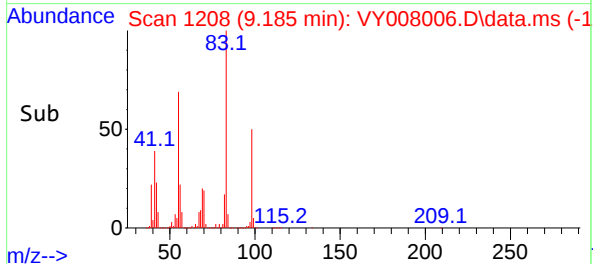
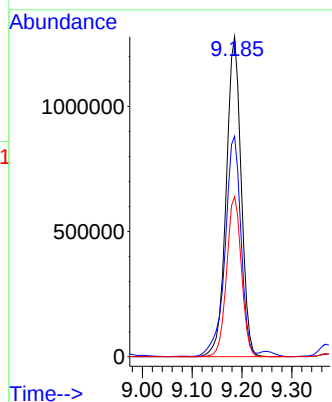
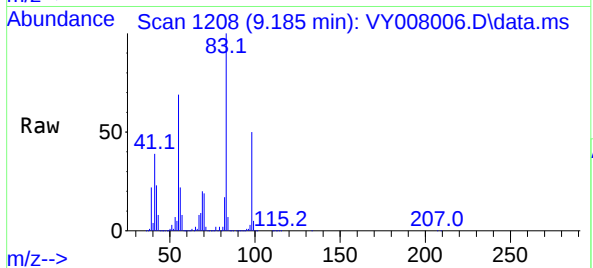


#39
Methylcyclohexane
Concen: 583.906 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

Tgt Ion: 83 Resp: 2660591

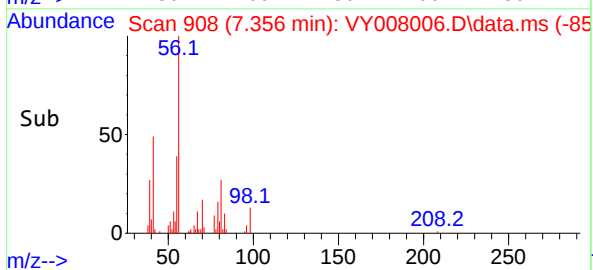
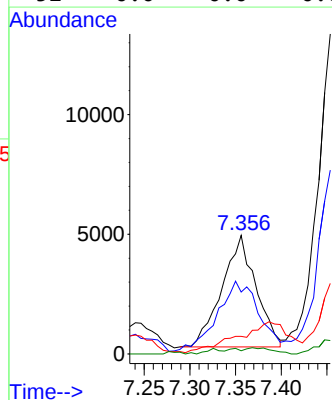
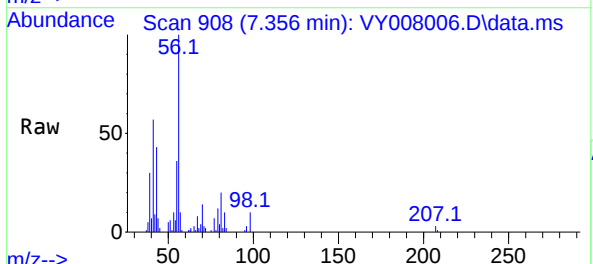
Ion	Ratio	Lower	Upper
83	100		
55	68.7	66.5	99.7
98	50.0	37.9	56.9

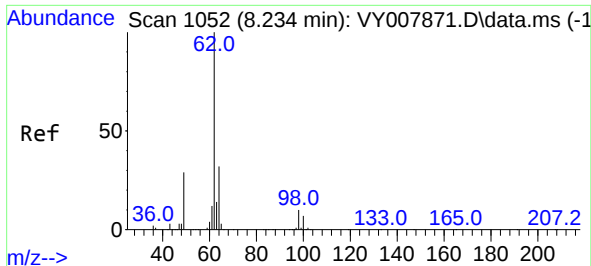


#41
Methacrylonitrile
Concen: 7.333 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.049 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 41 Resp: 12059

Ion	Ratio	Lower	Upper
41	100		
39	77.8	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0





#42

1,2-Dichloroethane

Concen: 149.497 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.073 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

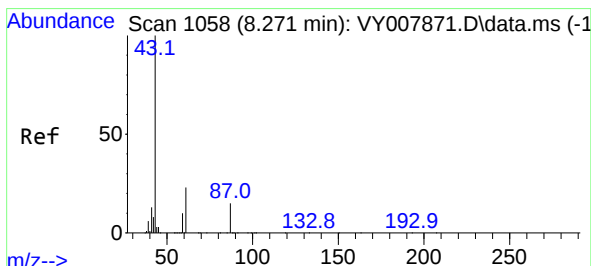
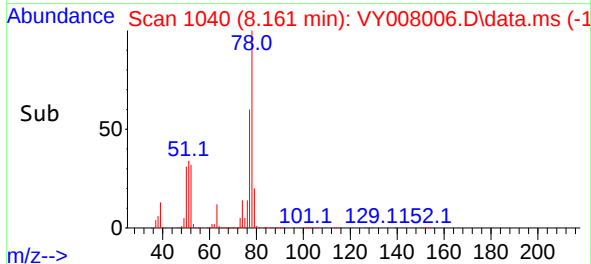
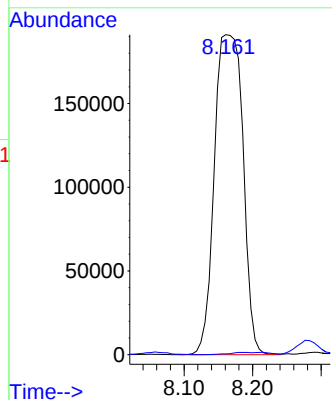
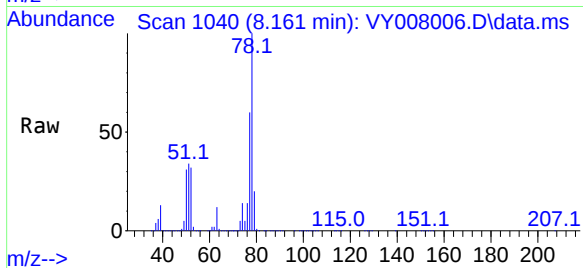
RW-1-20220321-16.0-17.0

Tgt Ion: 62 Resp: 552760

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.8



#43

Isopropyl Acetate

Concen: 12.175 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

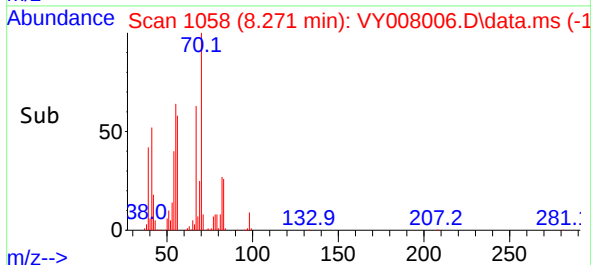
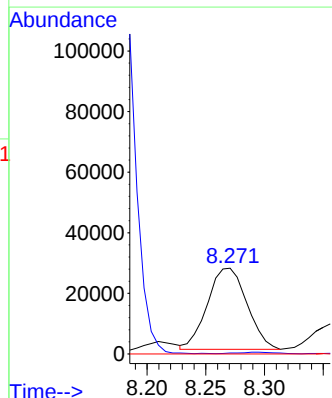
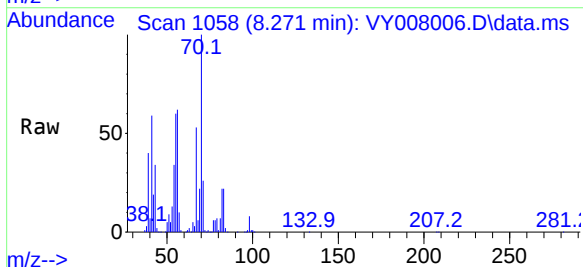
Tgt Ion: 43 Resp: 62589

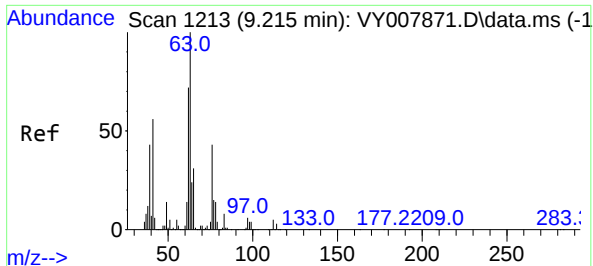
Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 8.9 13.3#





#45

1,2-Dichloropropane

Concen: 8.456 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.031 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

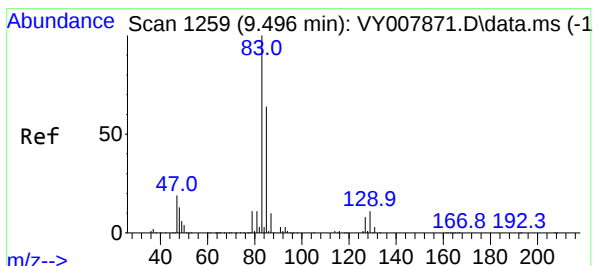
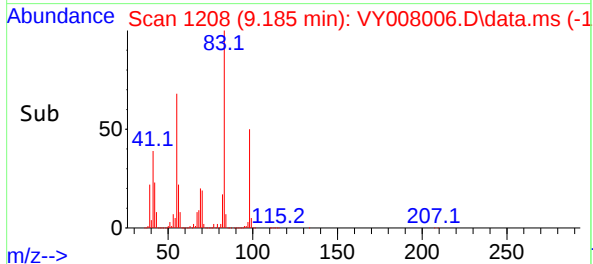
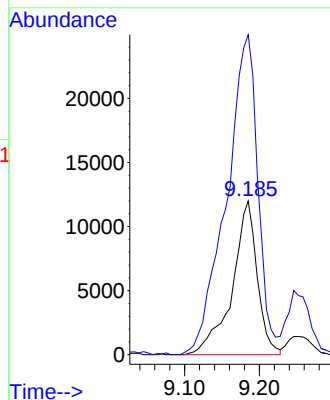
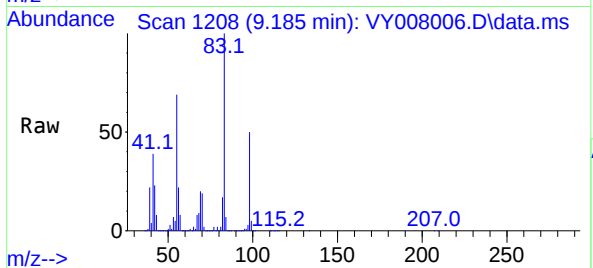
RW-1-20220321-16.0-17.0

Tgt Ion: 63 Resp: 27960

Ion Ratio Lower Upper

63 100

65 208.0 23.0 34.6#



#47

Bromodichloromethane

Concen: 6.435 ug/l

RT: 9.466 min Scan# 1254

Delta R.T. -0.031 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

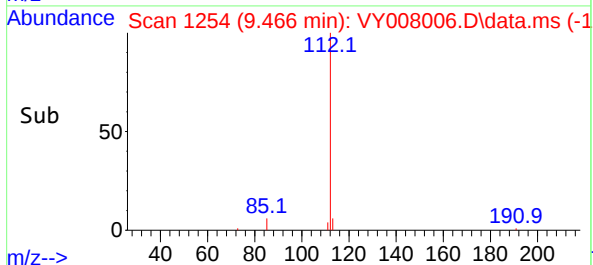
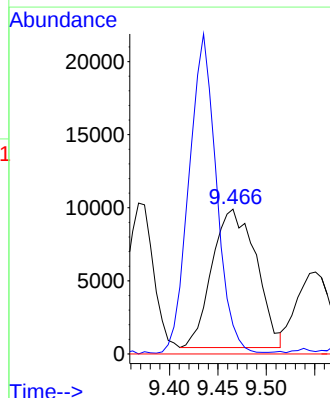
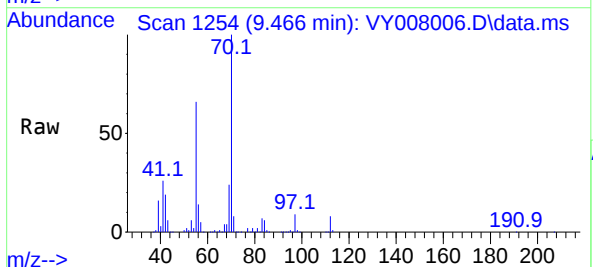
Tgt Ion: 83 Resp: 30073

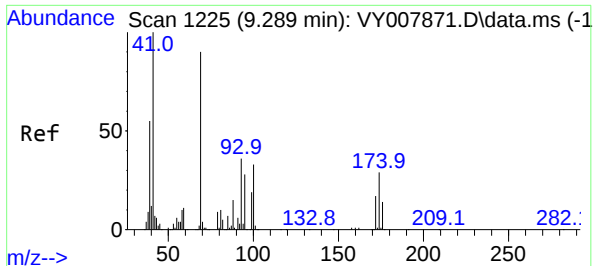
Ion Ratio Lower Upper

83 100

85 19.0 51.9 77.9#

127 0.0 6.6 10.0#

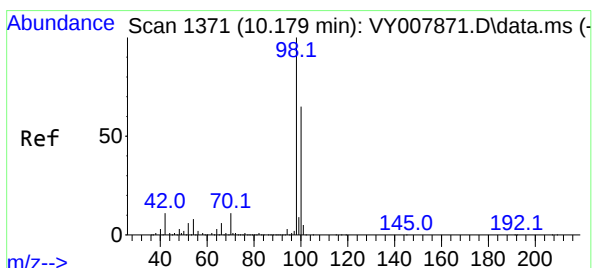
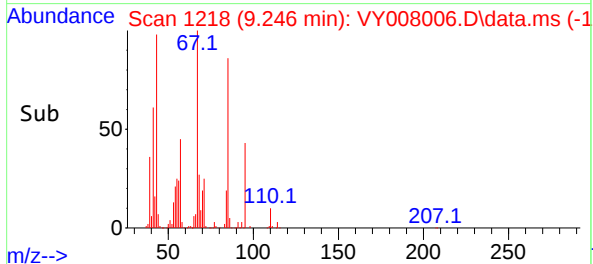
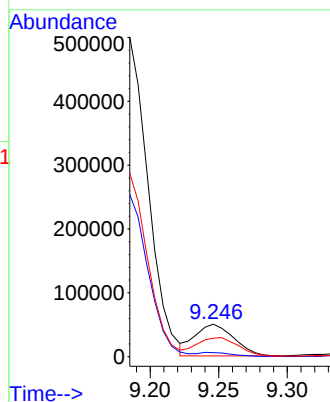
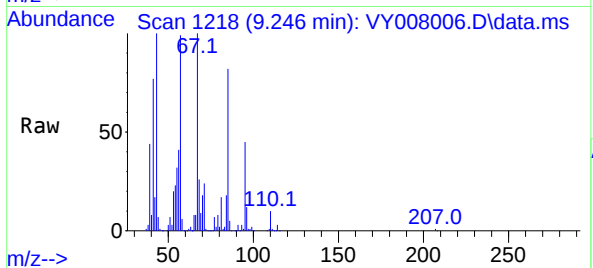




#48
Methyl methacrylate
Concen: 43.072 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.043 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

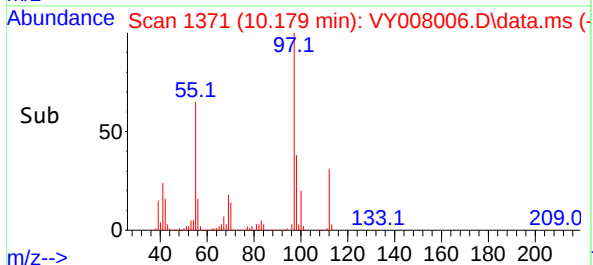
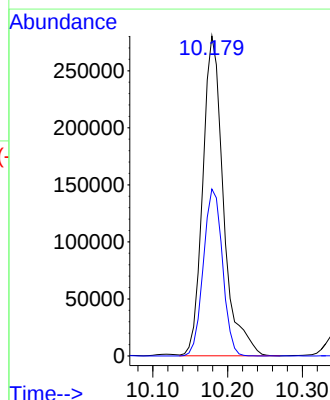
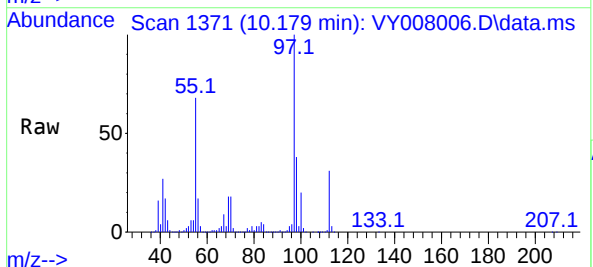
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

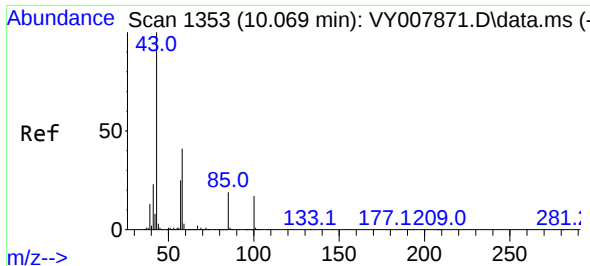
Tgt Ion: 41 Resp: 98498
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 62.3 47.4 71.0



#50
Toluene-d8
Concen: 62.041 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 98 Resp: 539471
Ion Ratio Lower Upper
98 100
100 48.1 50.2 75.2#





#51

4-Methyl-2-Pentanone

Concen: 16.531 ug/l

RT: 10.124 min Scan# 1362

Delta R.T. 0.055 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

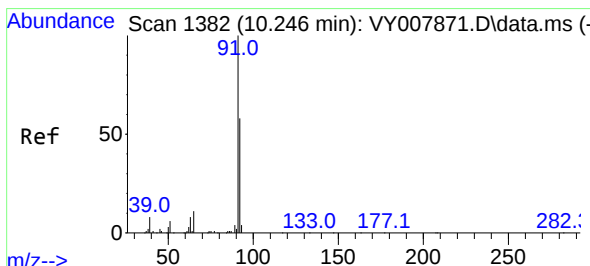
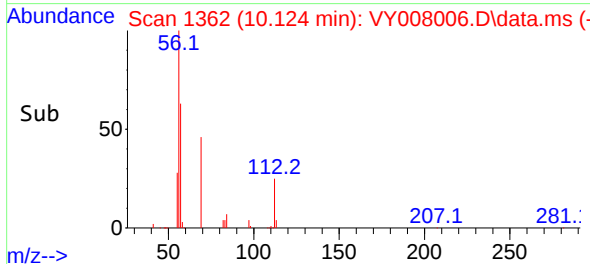
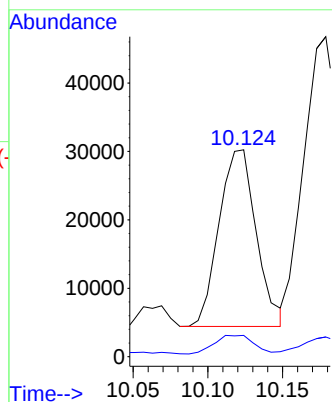
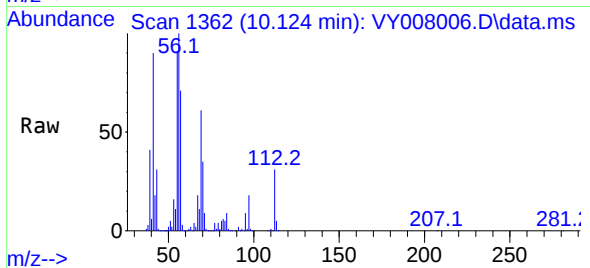
RW-1-20220321-16.0-17.0

Tgt Ion: 43 Resp: 44774

Ion Ratio Lower Upper

43 100

58 12.7 28.1 42.1#



#52

Toluene

Concen: 180.722 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY008006.D

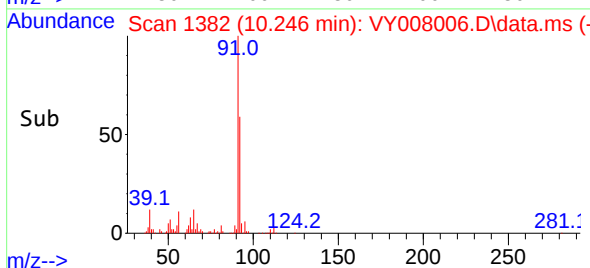
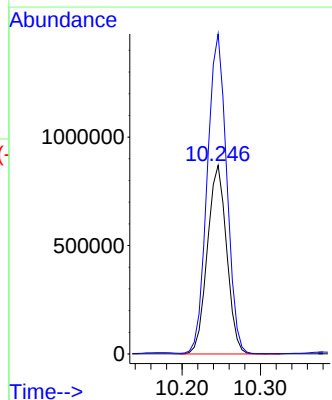
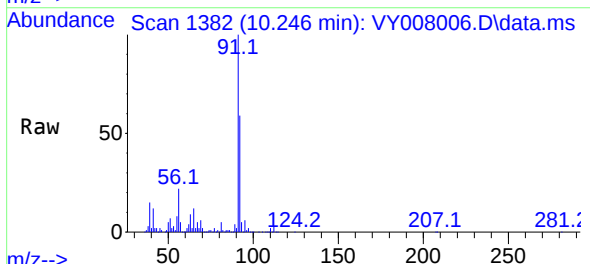
Acq: 22 Mar 2022 17:28

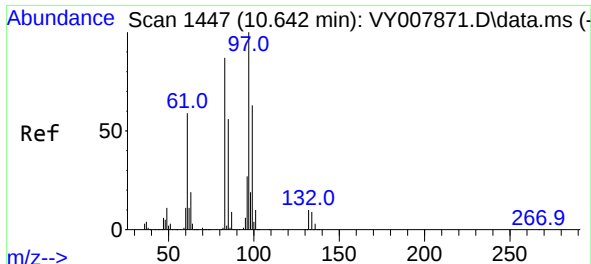
Tgt Ion: 92 Resp: 1482151

Ion Ratio Lower Upper

92 100

91 171.0 142.6 213.8



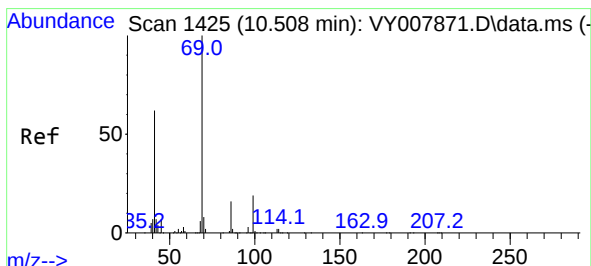
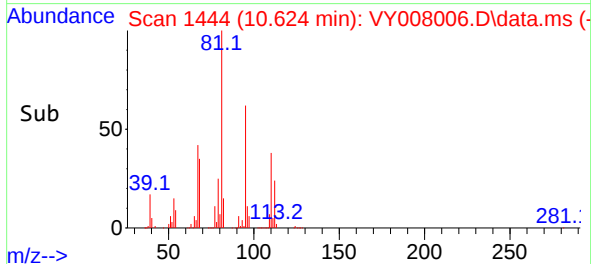
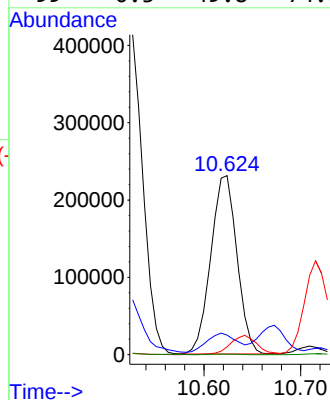
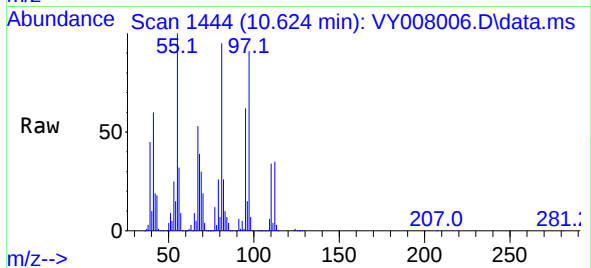


#55
1,1,2-Trichloroethane
Concen: 154.542 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.018 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

Tgt Ion: 97 Resp: 434321

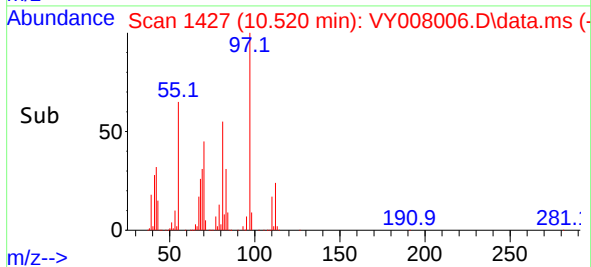
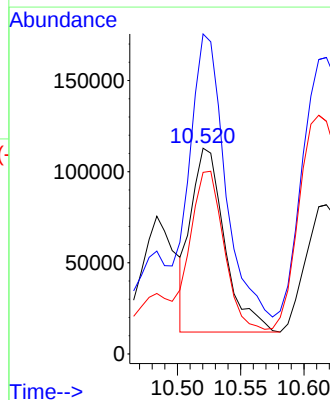
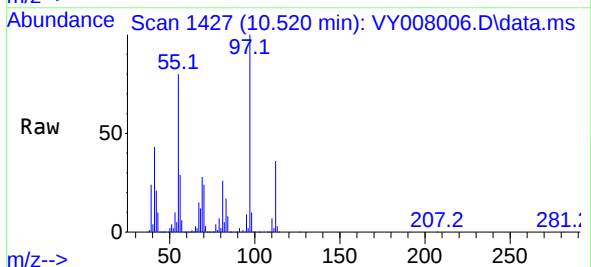
Ion	Ratio	Lower	Upper
97	100		
83	9.4	69.8	104.8#
85	4.4	44.3	66.5#
99	0.3	49.8	74.6#

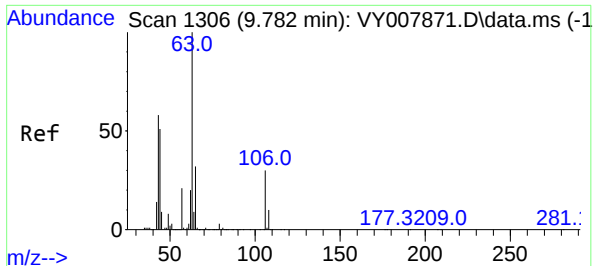


#56
Ethyl methacrylate
Concen: 46.242 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 69 Resp: 186569

Ion	Ratio	Lower	Upper
69	100		
41	159.9	63.4	95.0#
39	94.9	35.8	53.8#





#58

2-Chloroethyl Vinyl ether

Concen: 6.459 ug/l

RT: 9.764 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

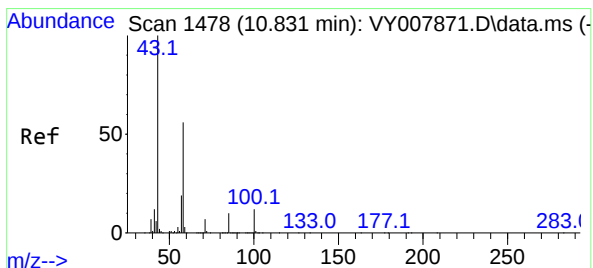
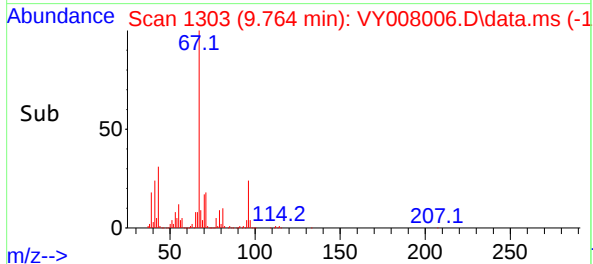
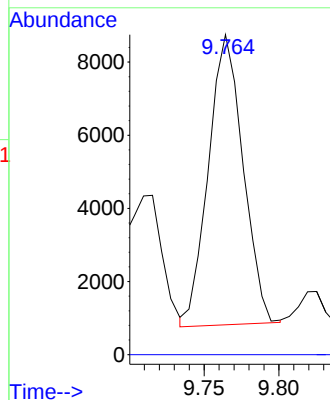
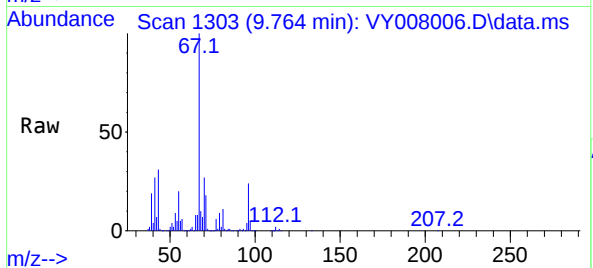
RW-1-20220321-16.0-17.0

Tgt Ion: 63 Resp: 12784

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#



#59

2-Hexanone

Concen: 484.628 ug/l

RT: 10.807 min Scan# 1474

Delta R.T. -0.024 min

Lab File: VY008006.D

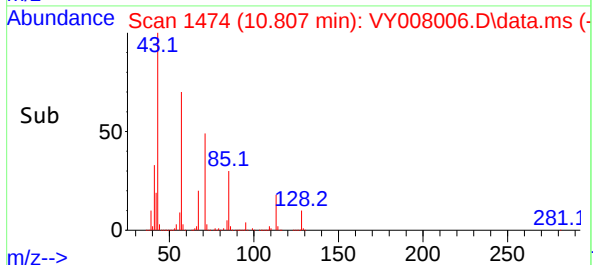
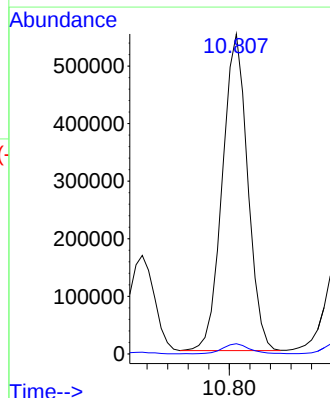
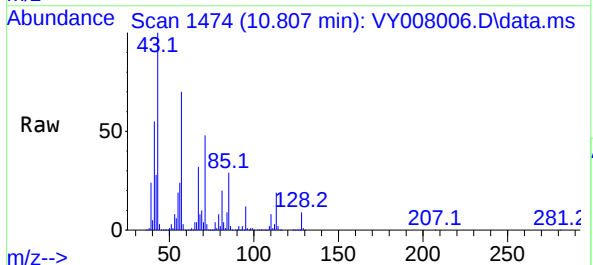
Acq: 22 Mar 2022 17:28

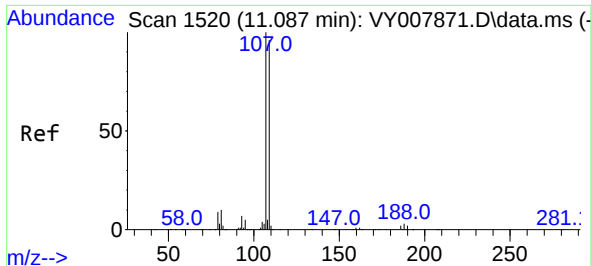
Tgt Ion: 43 Resp: 938650

Ion Ratio Lower Upper

43 100

58 3.4 24.4 73.4#

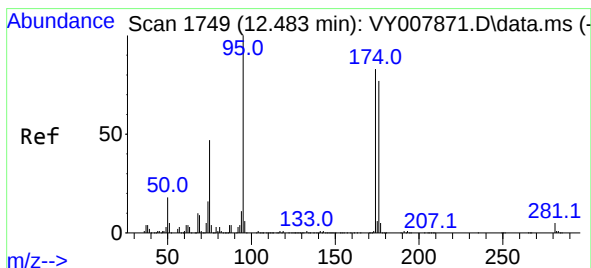
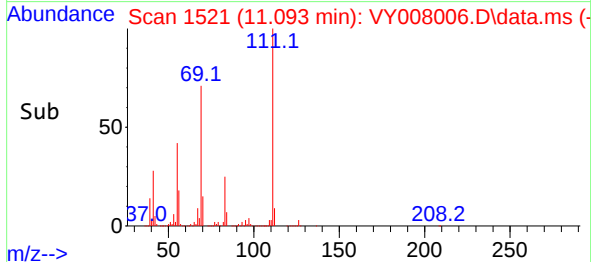
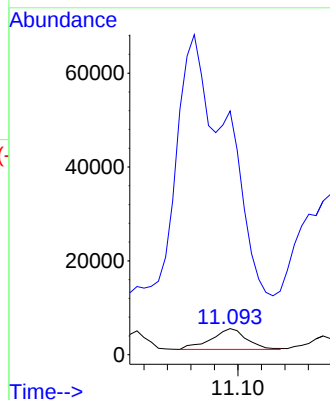
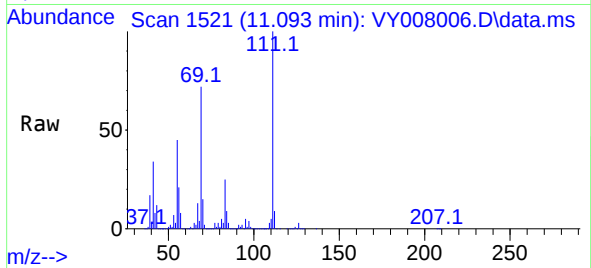




#61
1,2-Dibromoethane
Concen: 3.452 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

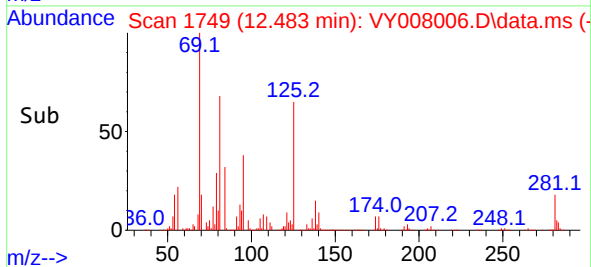
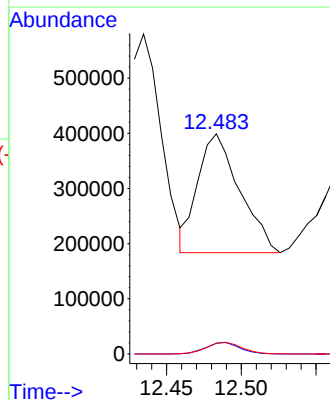
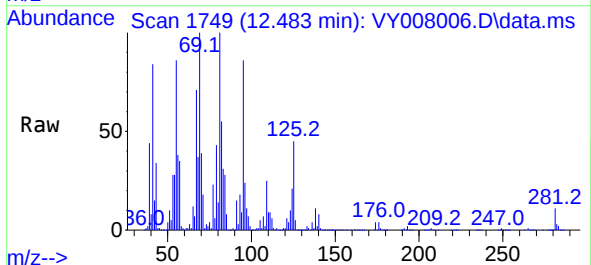
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

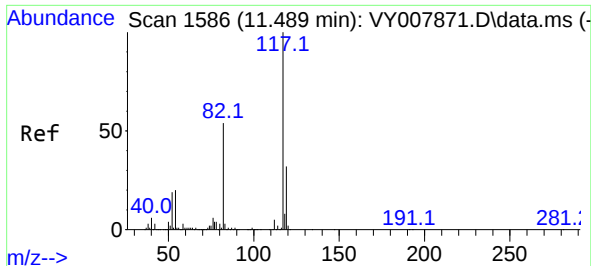
Tgt Ion:107 Resp: 9385
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 99.271 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 95 Resp: 419784
Ion Ratio Lower Upper
95 100
174 7.8 0.0 177.0
176 8.3 0.0 175.8

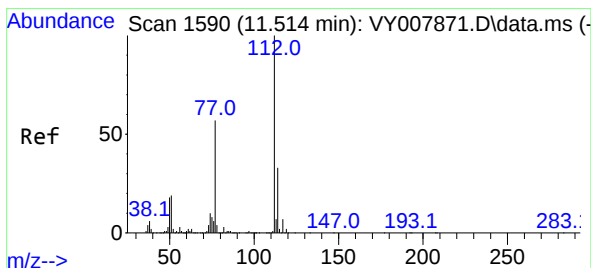
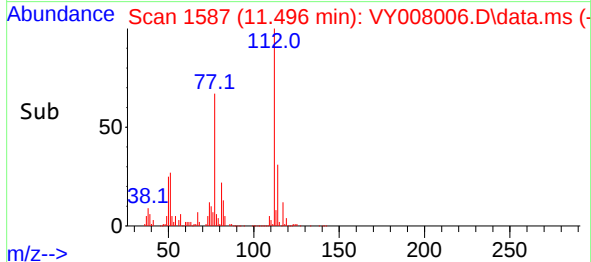
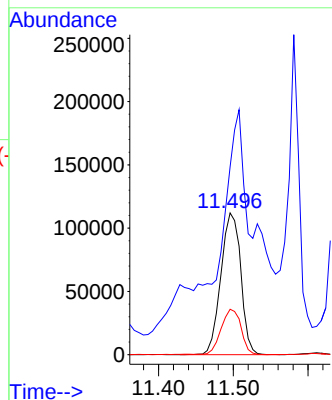
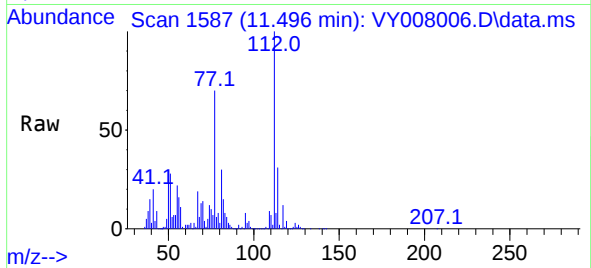




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

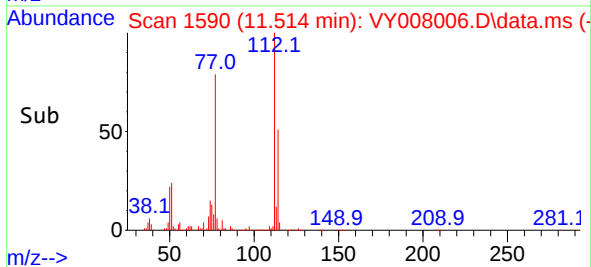
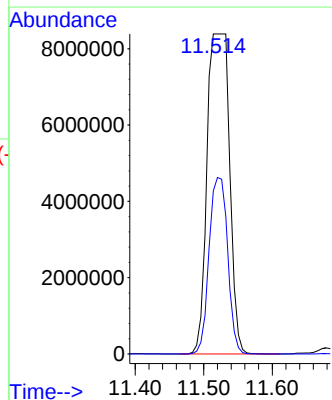
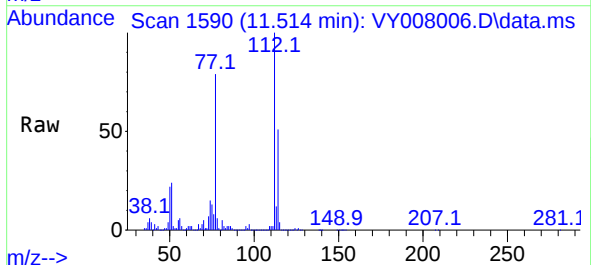
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

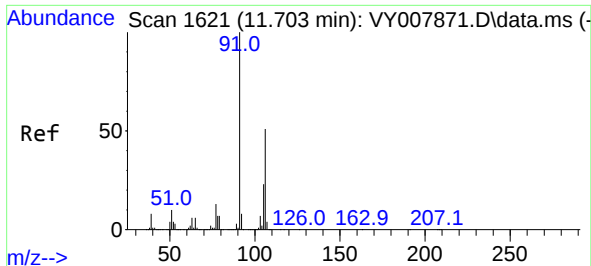
Tgt Ion:117 Resp: 207824
Ion Ratio Lower Upper
117 100
82 83.2 43.0 64.4#
119 31.9 25.4 38.0



#65
Chlorobenzene
Concen: 3846.402 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion:112 Resp:19148985
Ion Ratio Lower Upper
112 100
114 50.9 25.8 38.6#

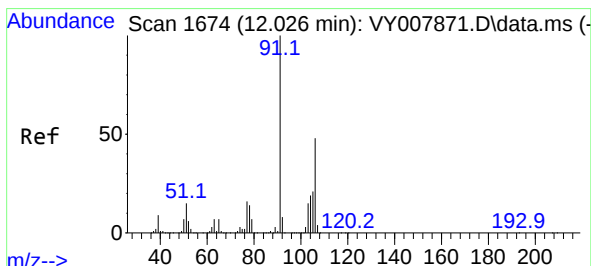
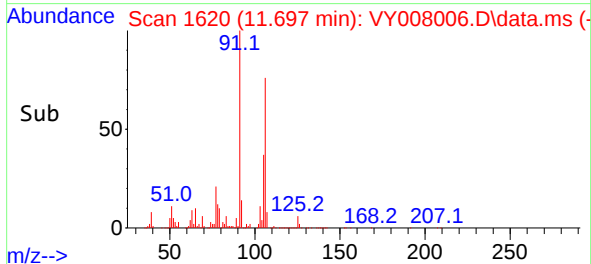
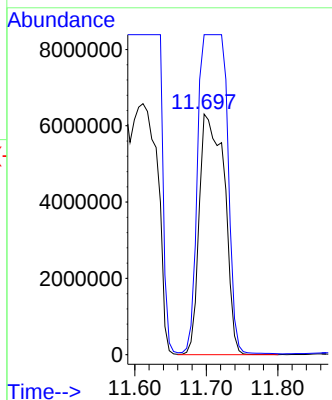
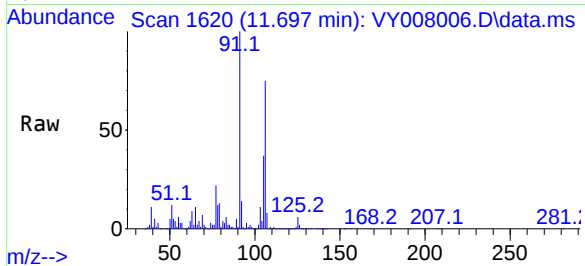




#68
m/p-Xylenes
Concen: 4417.855 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

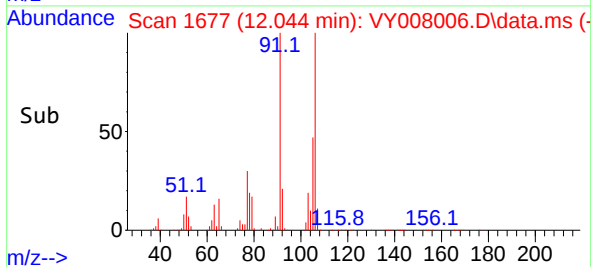
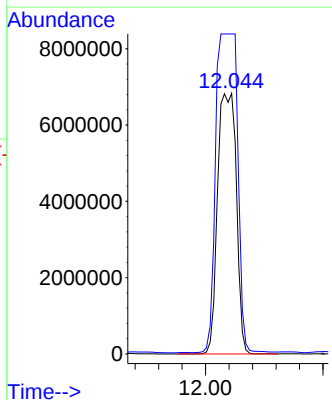
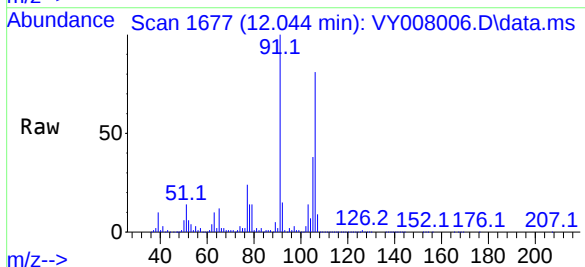
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

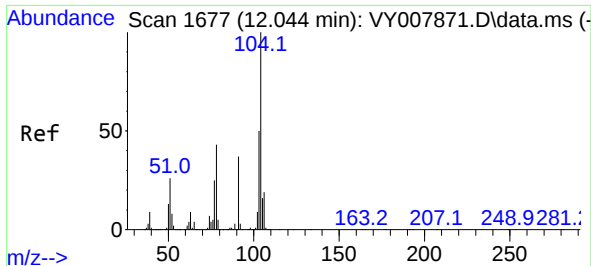
Tgt Ion:106 Resp:15282757
Ion Ratio Lower Upper
106 100
91 0.0 166.6 249.8#



#69
o-Xylene
Concen: 4498.322 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion:106 Resp:15051964
Ion Ratio Lower Upper
106 100
91 0.0 110.3 331.0#

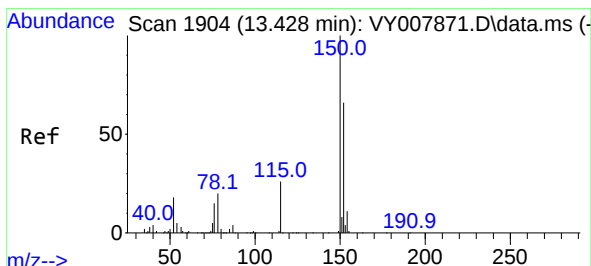
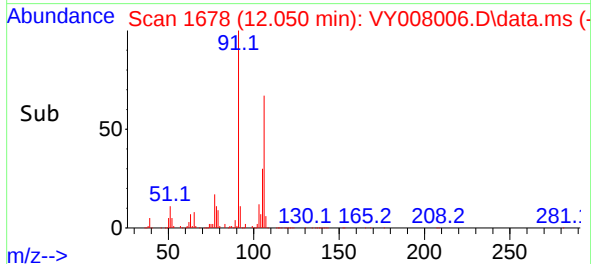
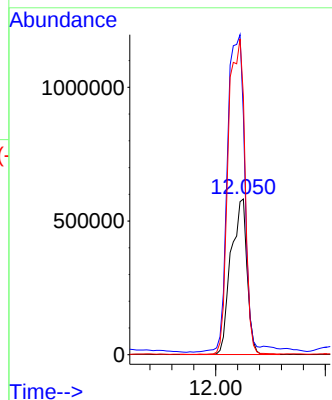
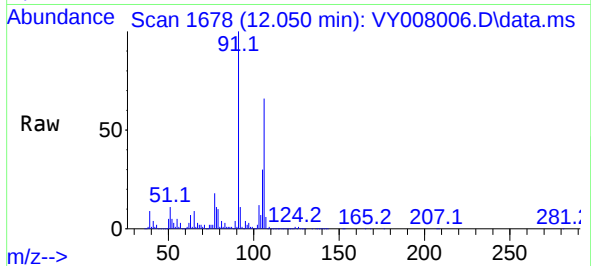




#70
Styrene
Concen: 210.711 ug/l
RT: 12.050 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

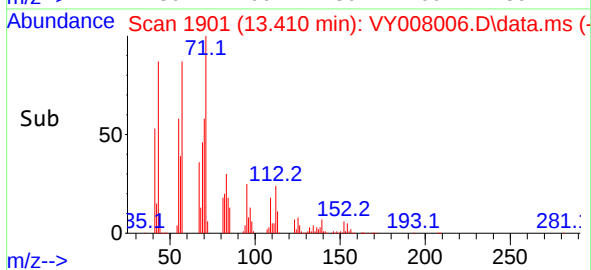
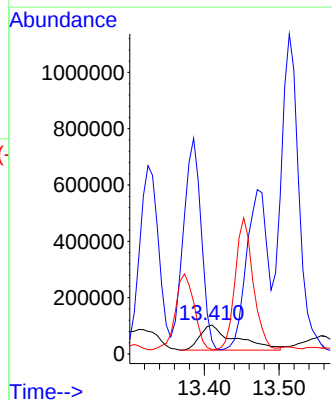
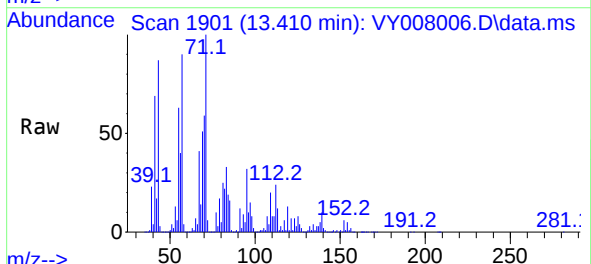
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

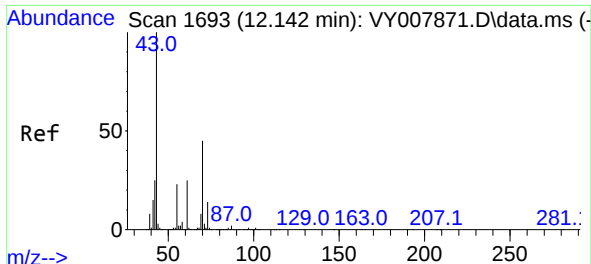
Tgt Ion:104 Resp: 1185413
Ion Ratio Lower Upper
104 100
78 216.7 42.4 63.6#
103 209.4 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1901
Delta R.T. -0.018 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion:152 Resp: 294199
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



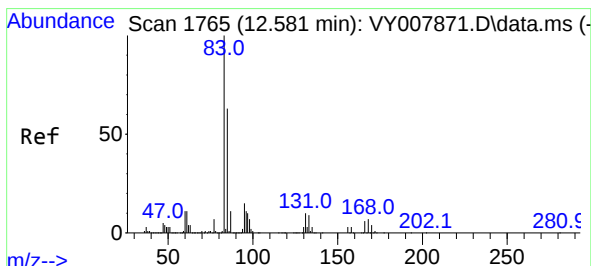
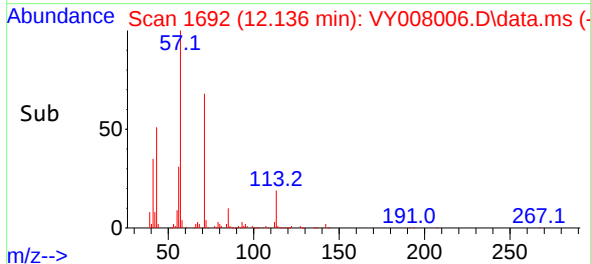
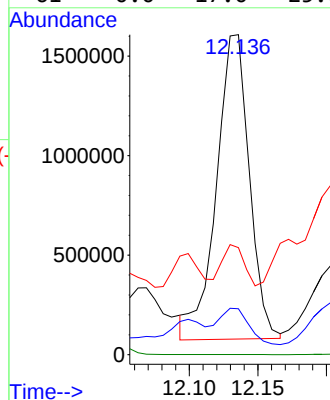
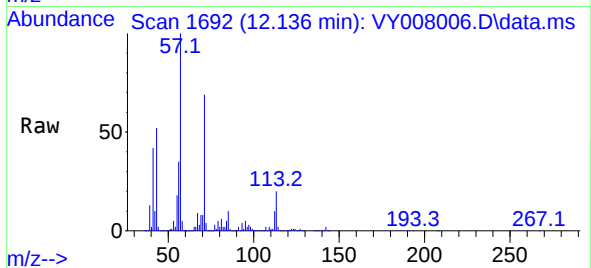


#74
N-amy1 acetate
Concen: 334.926 ug/l
RT: 12.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

Tgt Ion: 43 Resp: 2558852

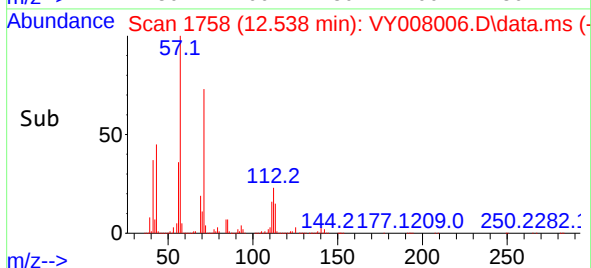
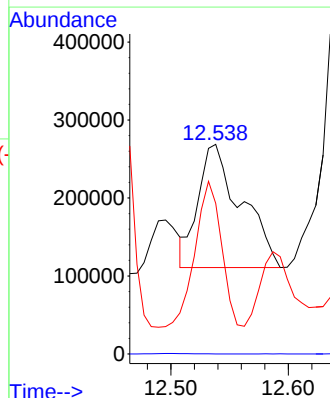
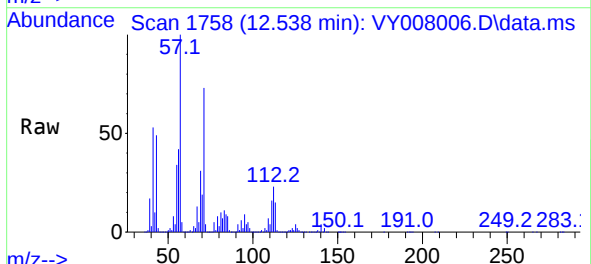
Ion	Ratio	Lower	Upper
43	100		
70	11.3	28.7	43.1#
55	8.6	17.3	25.9#
61	0.0	17.0	25.6#

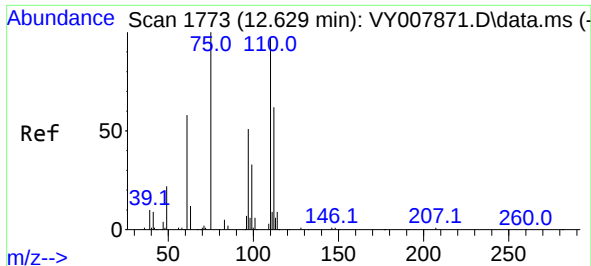


#75
1,1,2,2-Tetrachloroethane
Concen: 72.026 ug/l
RT: 12.538 min Scan# 1758
Delta R.T. -0.043 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 83 Resp: 401489

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	72.2	32.3	96.8

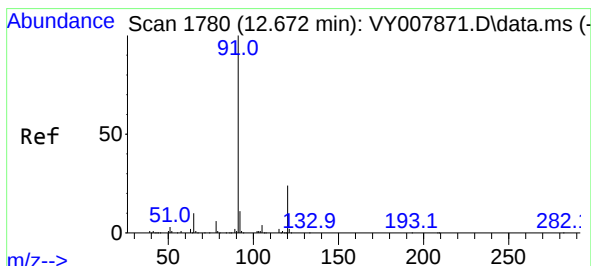
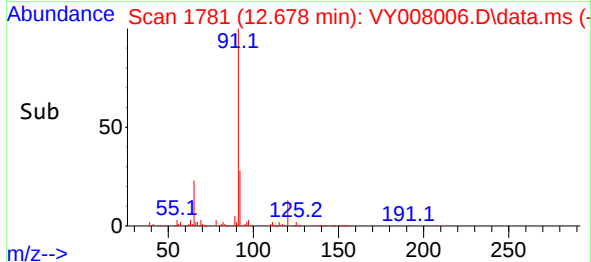
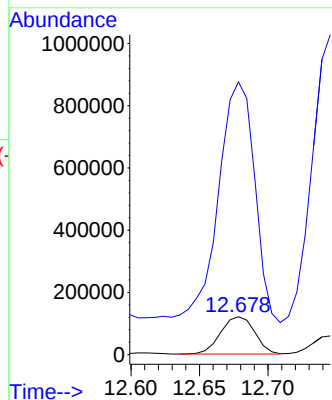
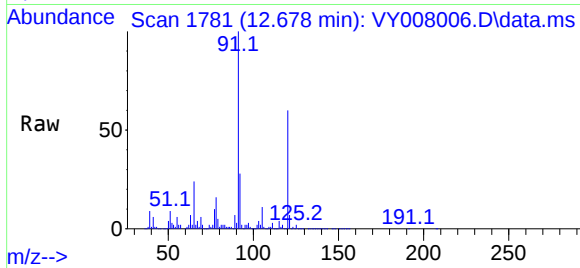




#76
1,2,3-Trichloropropane
Concen: 49.503 ug/l
RT: 12.678 min Scan# 1797
Delta R.T. 0.043 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

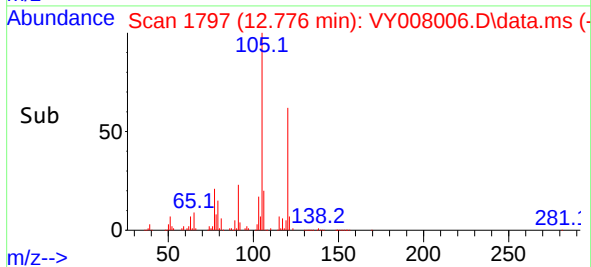
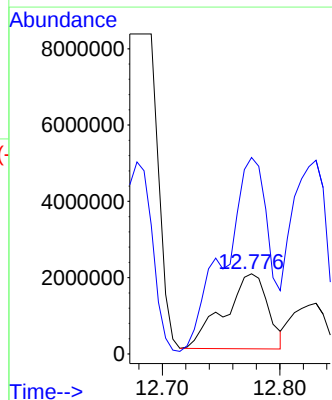
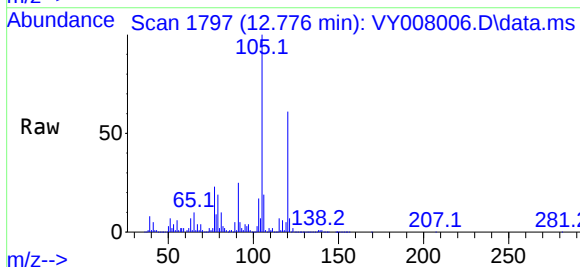
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

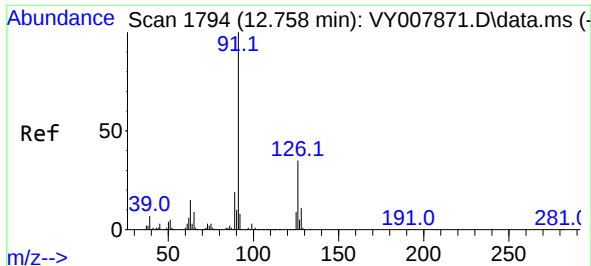
Tgt Ion: 75 Resp: 207582
Ion Ratio Lower Upper
75 100
77 686.2 0.0 0.0#



#78
n-propylbenzene
Concen: 161.482 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.104 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 91 Resp: 5049572
Ion Ratio Lower Upper
91 100
120 272.3 11.3 33.9#





#79

2-Chlorotoluene

Concen: 287.019 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

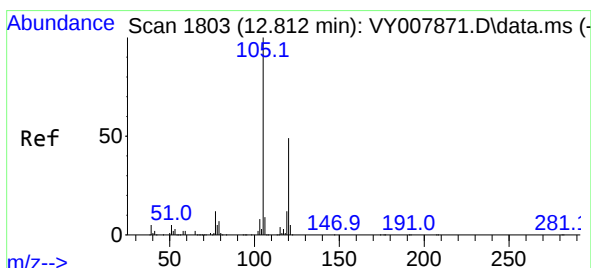
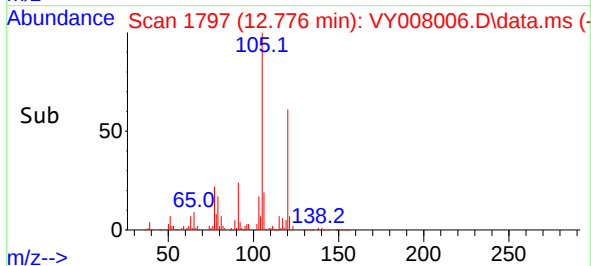
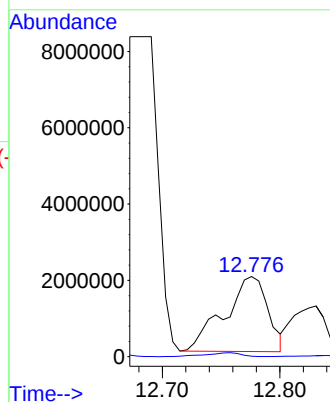
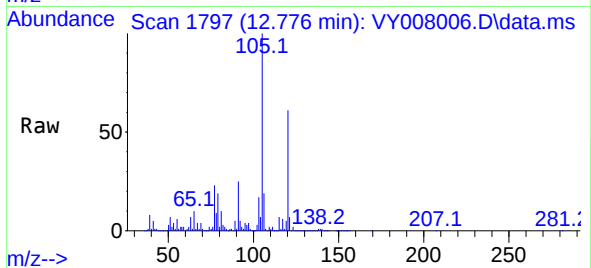
RW-1-20220321-16.0-17.0

Tgt Ion: 91 Resp: 5049572

Ion Ratio Lower Upper

91 100

126 4.1 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 842.807 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.018 min

Lab File: VY008006.D

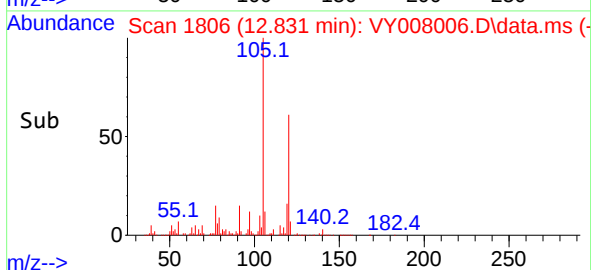
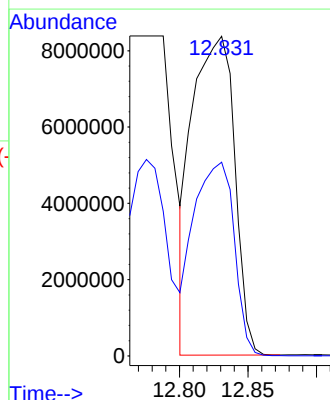
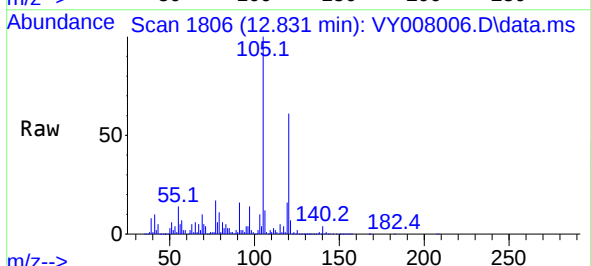
Acq: 22 Mar 2022 17:28

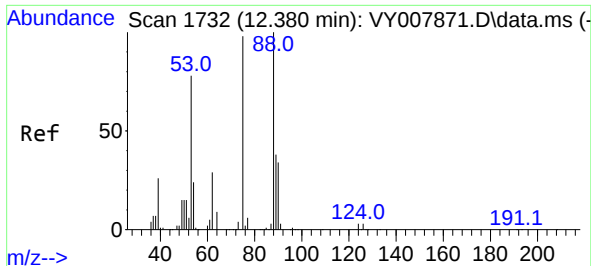
Tgt Ion: 105 Resp: 17948347

Ion Ratio Lower Upper

105 100

120 58.3 24.4 73.4

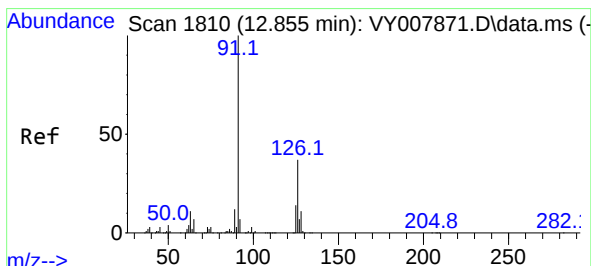
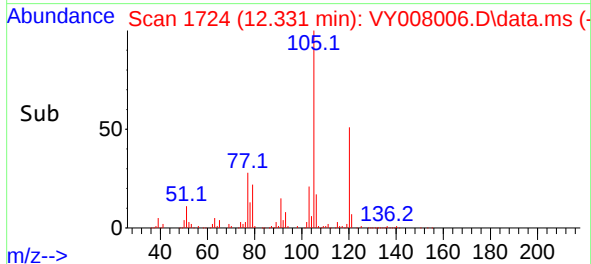
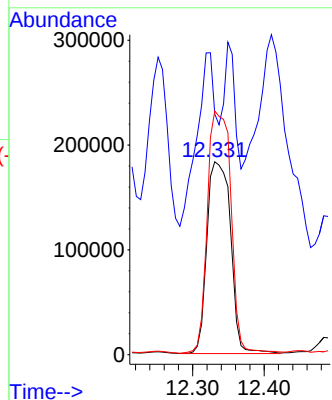
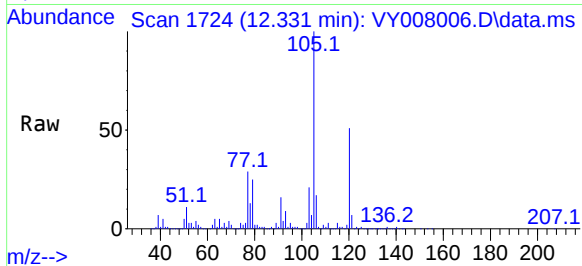




#81
trans-1,4-Dichloro-2-butene
Concen: 210.282 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

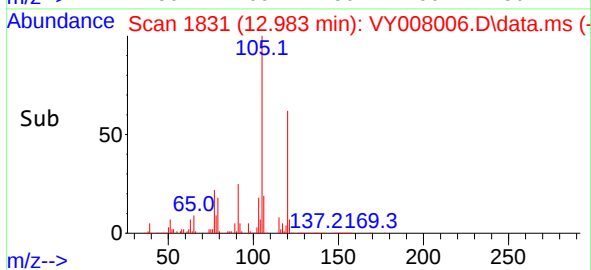
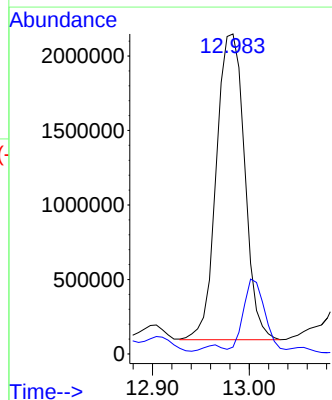
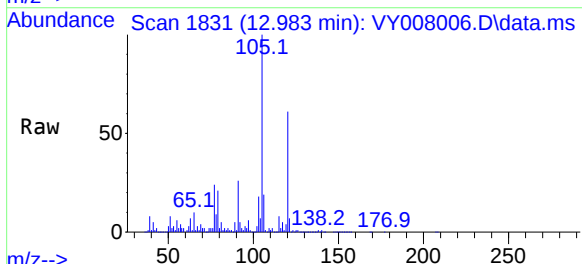
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

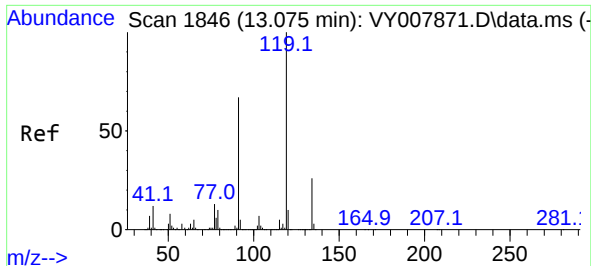
Tgt Ion: 75 Resp: 419814
Ion Ratio Lower Upper
75 100
53 90.1 85.3 127.9
89 125.6 37.0 55.4#



#82
4-Chlorotoluene
Concen: 227.654 ug/l
RT: 12.983 min Scan# 1831
Delta R.T. 0.128 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 91 Resp: 4160708
Ion Ratio Lower Upper
91 100
126 18.7 17.0 51.0

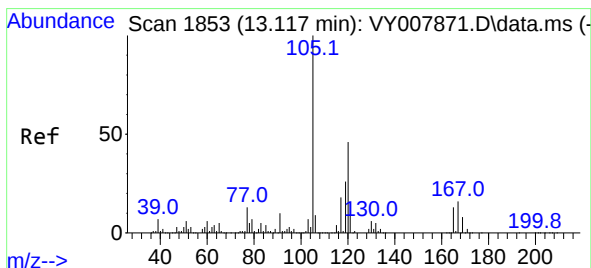
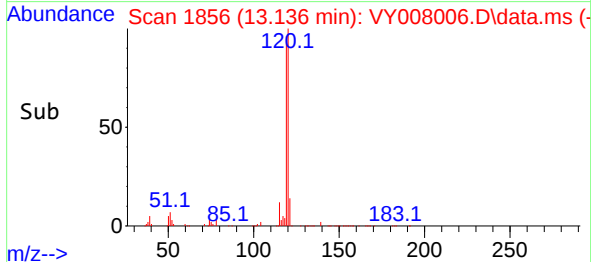
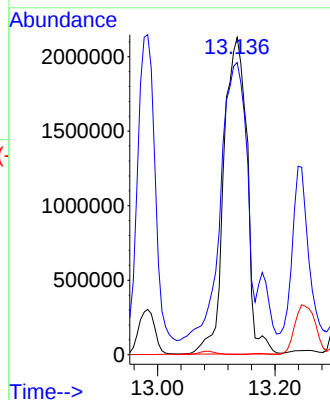
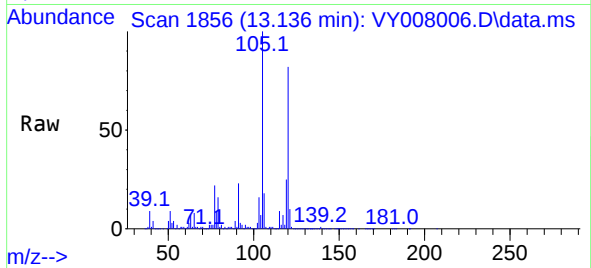




#83
tert-Butylbenzene
Concen: 306.348 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.061 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

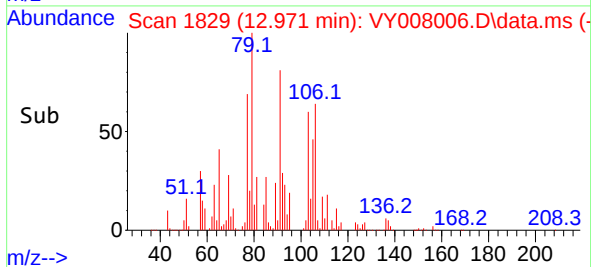
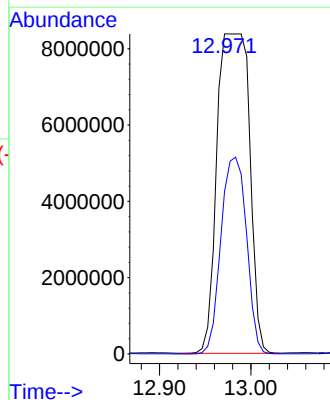
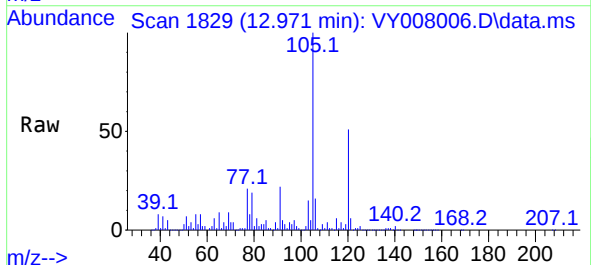
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

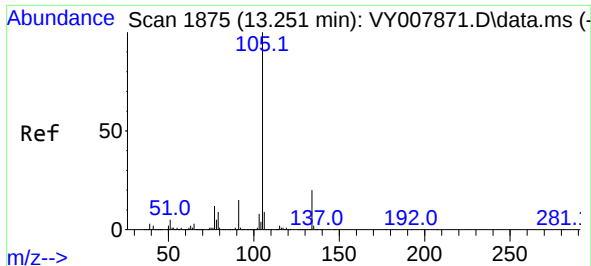
Tgt Ion:119 Resp: 5838090
Ion Ratio Lower Upper
119 100
91 98.3 34.8 104.4
134 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 990.014 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. -0.152 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion:105 Resp:20667480
Ion Ratio Lower Upper
105 100
120 48.4 22.3 66.9

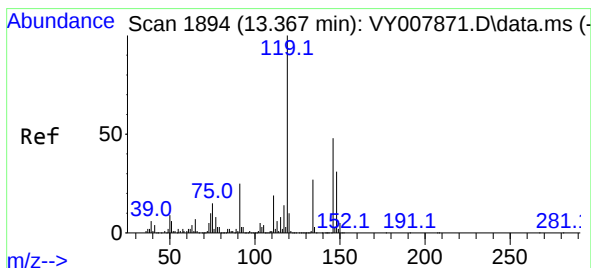
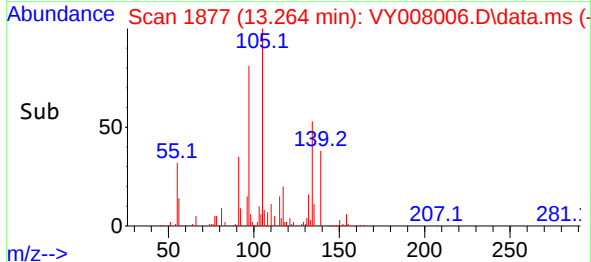
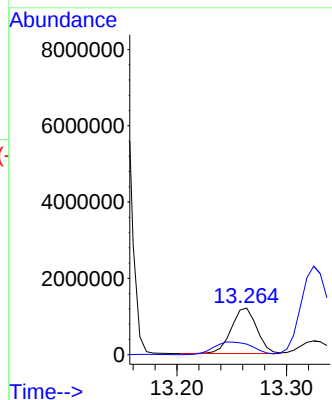
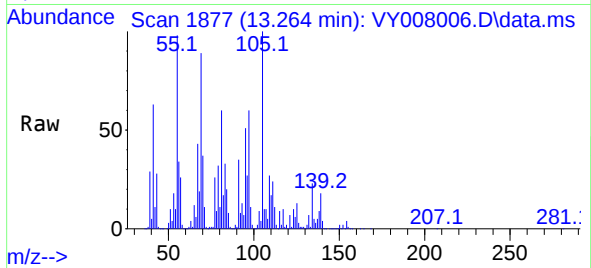




#85
sec-Butylbenzene
Concen: 67.772 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

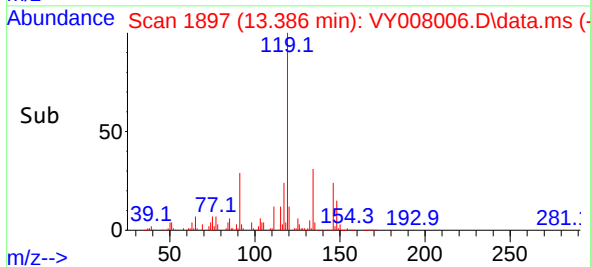
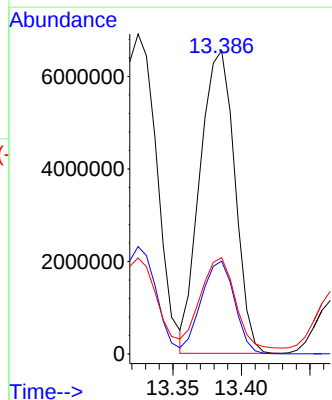
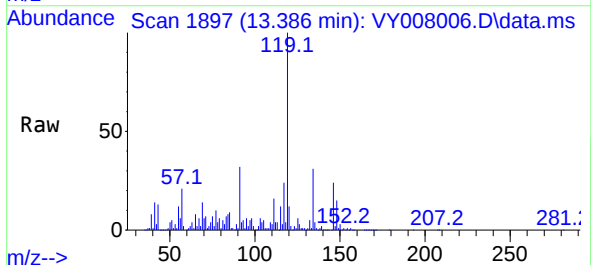
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

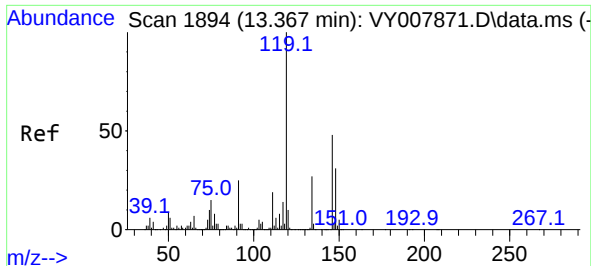
Tgt Ion:105 Resp: 1935568
Ion Ratio Lower Upper
105 100
134 41.8 10.2 30.4#



#86
p-Isopropyltoluene
Concen: 498.344 ug/l
RT: 13.386 min Scan# 1897
Delta R.T. 0.018 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion:119 Resp:11554544
Ion Ratio Lower Upper
119 100
134 29.3 13.2 39.5
91 29.2 12.4 37.2

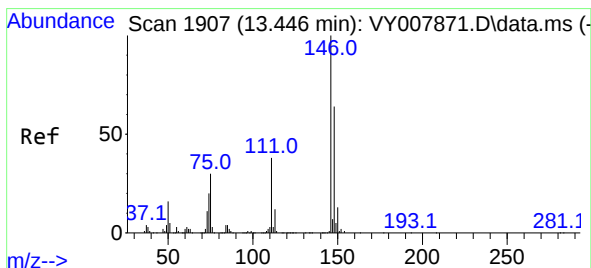
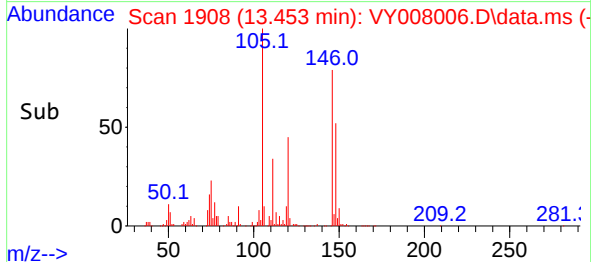
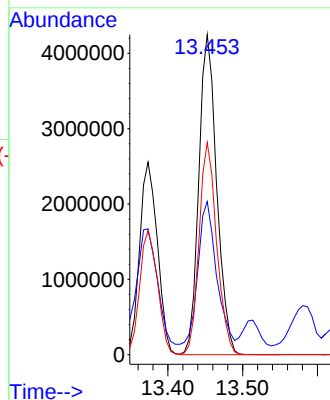
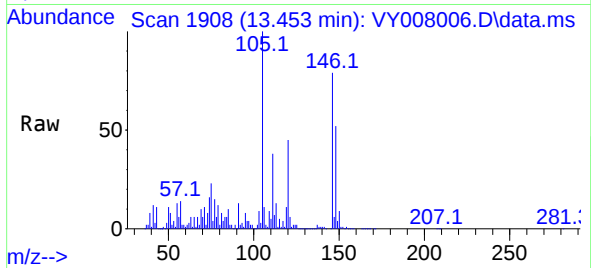




#87
 1,3-Dichlorobenzene
 Concen: 610.856 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.085 min
 Lab File: VY008006.D
 Acq: 22 Mar 2022 17:28

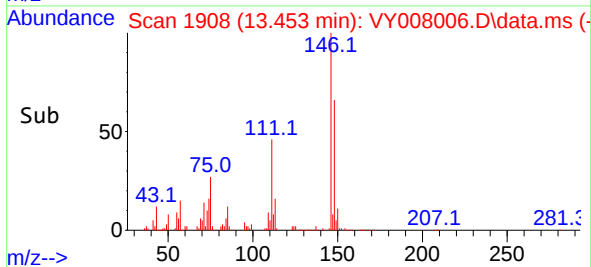
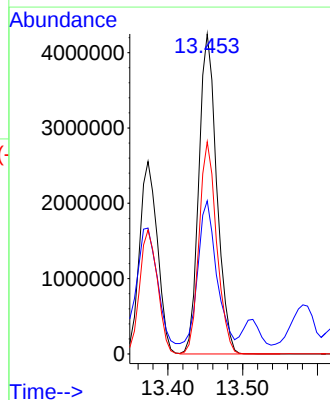
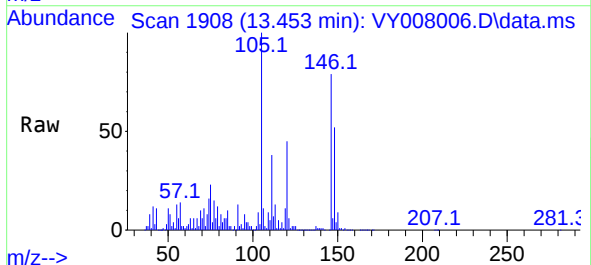
Instrument :
 MSVOA_Y
 ClientSampleId :
 RW-1-20220321-16.0-17.0

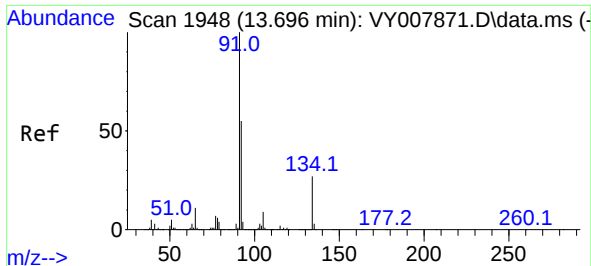
Tgt Ion:146 Resp: 7059784
 Ion Ratio Lower Upper
 146 100
 111 45.1 19.5 58.5
 148 65.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 609.478 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY008006.D
 Acq: 22 Mar 2022 17:28

Tgt Ion:146 Resp: 7059784
 Ion Ratio Lower Upper
 146 100
 111 45.1 19.3 57.8
 148 65.1 32.6 97.8

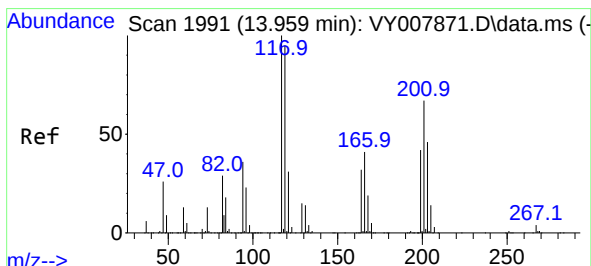
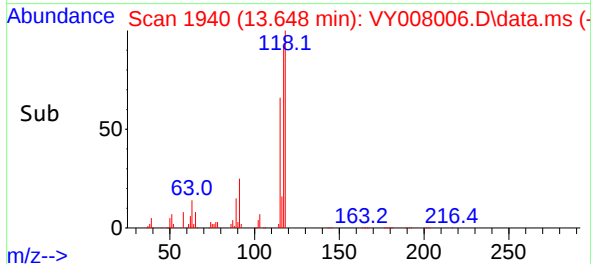
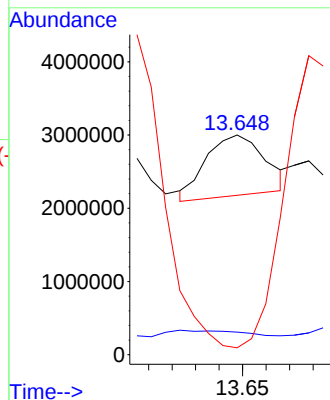
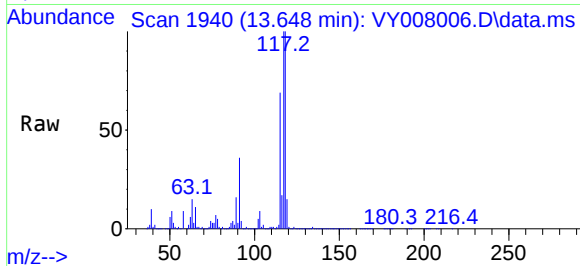




#89
n-Butylbenzene
Concen: 64.768 ug/l
RT: 13.648 min Scan# 1940
Delta R.T. -0.049 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

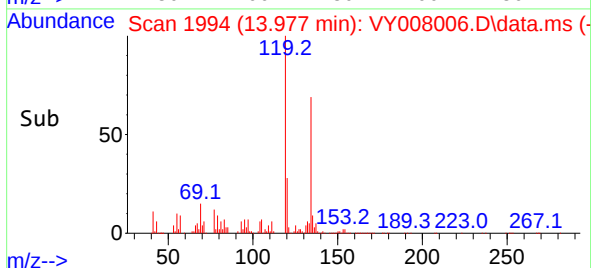
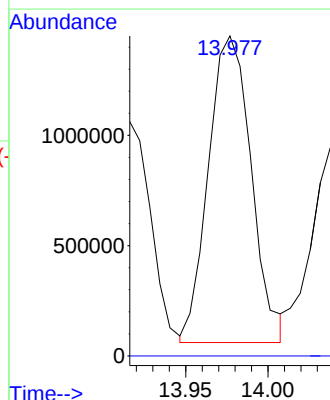
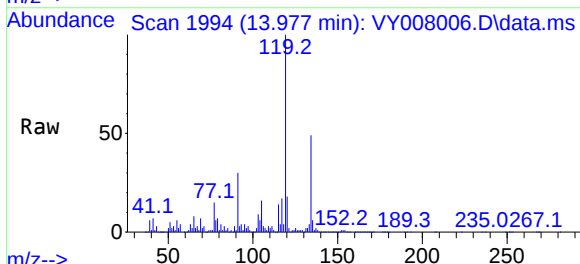
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-16.0-17.0

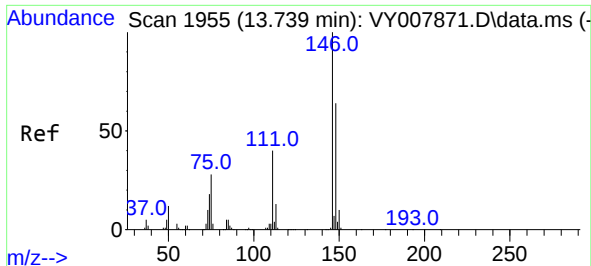
Tgt Ion: 91 Resp: 1441150
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 542.507 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY008006.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 117 Resp: 2510641
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#91

1,2-Dichlorobenzene

Concen: 47.686 ug/l

RT: 13.751 min Scan# 1955

Delta R.T. 0.012 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-16.0-17.0

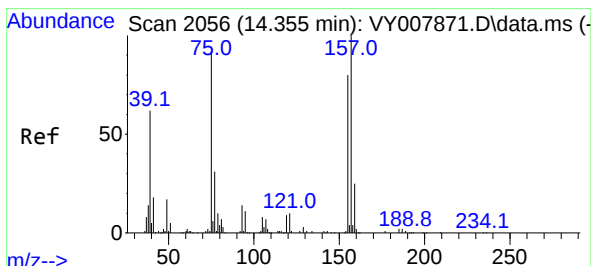
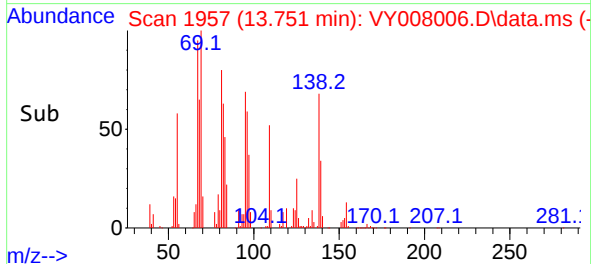
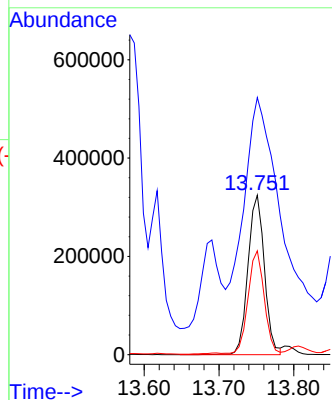
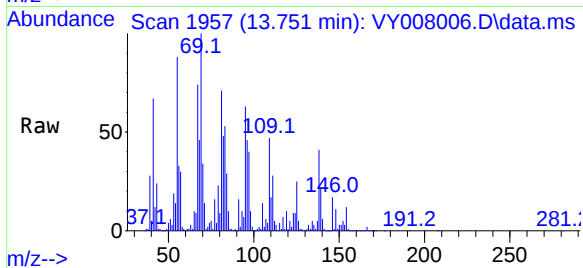
Tgt Ion:146 Resp: 495725

Ion Ratio Lower Upper

146 100

111 324.3 20.3 60.9#

148 62.6 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.883 ug/l

RT: 14.337 min Scan# 2053

Delta R.T. -0.018 min

Lab File: VY008006.D

Acq: 22 Mar 2022 17:28

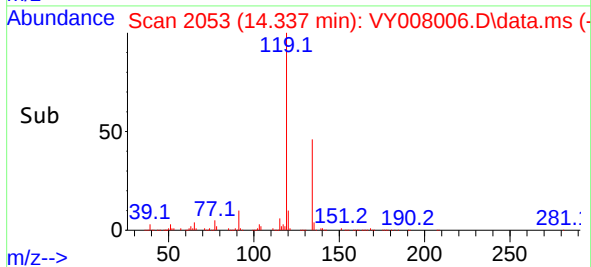
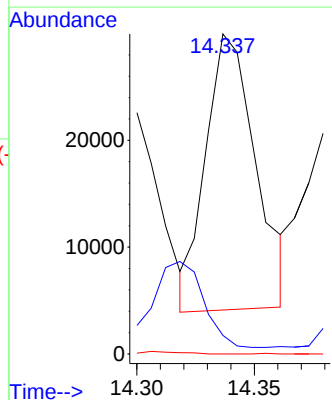
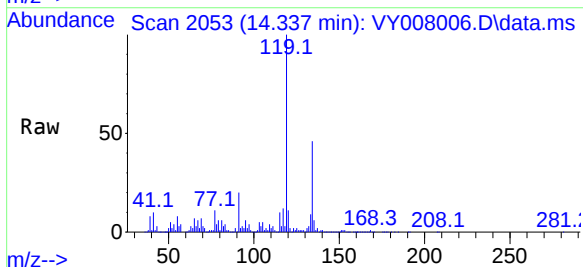
Tgt Ion: 75 Resp: 38247

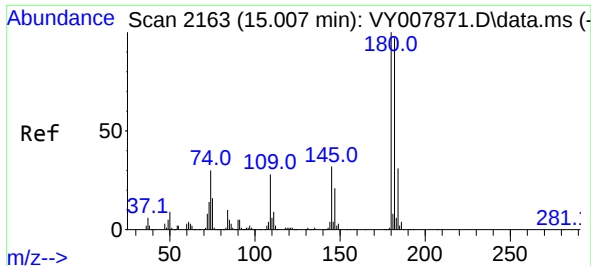
Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 0.1 47.8 143.3#





#93

1,2,4-Trichlorobenzene

Concen: 1.575 ug/l

RT: 15.007 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008006.D

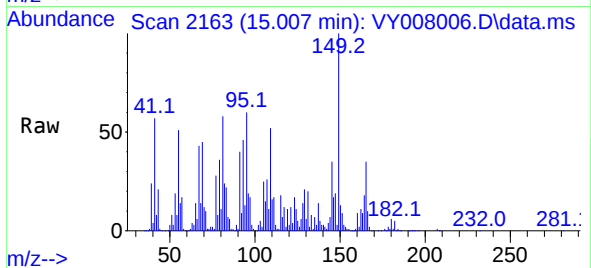
Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-16.0-17.0



Tgt Ion:180 Resp: 10351

Ion Ratio Lower Upper

180 100

182 100.6 47.3 141.9

145 1068.8 14.6 43.8#

