

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009441.D
 Acq On : 05 Jul 2022 16:41
 Operator : KP/MD
 Sample : N3568-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-07012022RE

Quant Time: Jul 06 04:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	299	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.391	152	373	50.000	ug/l	#-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	150	62.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.260%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.172	98	86	26.823	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 53.640%#	
62) 4-Bromofluorobenzene	12.507	95	1052	691.839	ug/l	0.03
Spiked Amount	50.000	Range	50 - 146	Recovery	= 1383.680%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	22	8.214	ug/l	# 44
6) Chloroethane	2.802	64	92	55.689	ug/l	# 43
12) 1,1-Dichloroethene	3.936	96	19	7.069	ug/l	# 1
14) Allyl chloride	4.515	41	41	8.325	ug/l	# 22
18) Methyl Acetate	4.326	43	19	5.233	ug/l	# 56
23) Vinyl Acetate	6.106	43	19	2.918	ug/l	# 75
25) 2-Butanone	7.039	43	42	33.683	ug/l	# 54
26) 2,2-Dichloropropane	6.978	77	23	4.159	ug/l	# 55
27) cis-1,2-Dichloroethene	6.990	96	42	11.235	ug/l	# 1
29) Tetrahydrofuran	7.301	42	19	23.767	ug/l	# 38
30) Chloroform	7.496	83	57	9.491	ug/l	# 18
31) Cyclohexane	7.770	56	25	4.641	ug/l	# 32
32) 1,1,1-Trichloroethane	7.721	97	83	15.432	ug/l	# 23
37) Ethyl Acetate	7.039	43	42	38.734	ug/l	# 72
38) Carbon Tetrachloride	7.904	117	21	10.988	ug/l	# 11
39) Methylcyclohexane	9.179	83	239	110.444	ug/l	# 16
41) Methacrylonitrile	7.295	41	68	111.006	ug/l	# 1
43) Isopropyl Acetate	8.295	43	271	136.127	ug/l	# 56
44) Trichloroethene	8.929	130	23	15.481	ug/l	# 3
45) 1,2-Dichloropropane	9.203	63	59	43.561	ug/l	# 46
46) Dibromomethane	9.282	93	247	318.329	ug/l	# 35
47) Bromodichloromethane	9.489	83	172	93.604	ug/l	# 18
48) Methyl methacrylate	9.270	41	262	305.284	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.063	43	439	427.693	ug/l	# 47
52) Toluene	10.221	92	225	66.695	ug/l	# 83
53) t-1,3-Dichloropropene	10.367	75	22	11.969	ug/l	# 63
54) cis-1,3-Dichloropropene	9.941	75	23	10.480	ug/l	# 1
55) 1,1,2-Trichloroethane	10.623	97	616	596.707	ug/l	# 39
56) Ethyl methacrylate	10.520	69	330	250.437	ug/l	# 31
57) 1,3-Dichloropropane	10.794	76	71	38.824	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.782	63	46	63.051	ug/l	# 1
59) 2-Hexanone	10.831	43	236	332.840	ug/l	# 28
60) Dibromochloromethane	11.062	129	232	177.582	ug/l	# 57
61) 1,2-Dibromoethane	10.940	107	114	109.994	ug/l	# 99
64) Tetrachloroethene	10.721	164	365	105.961	ug/l	# 1
65) Chlorobenzene	11.526	112	61	7.705	ug/l	# 42

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

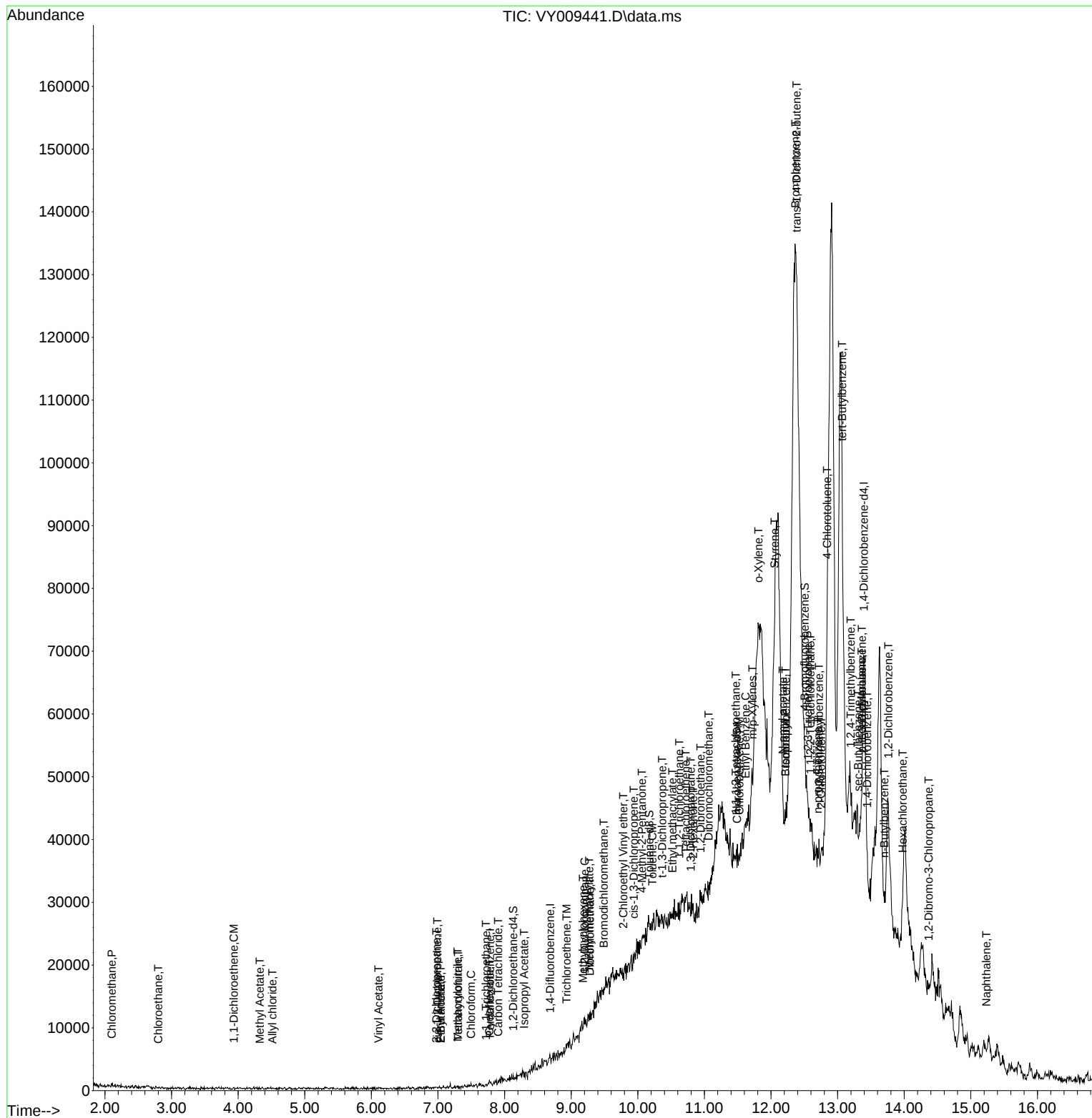
66) 1,1,1,2-Tetrachloroethane	11.471	131	195	67.149	ug/l	75
67) Ethyl Benzene	11.617	91	383	27.887	ug/l #	44
68) m/p-Xylenes	11.721	106	296	53.899	ug/l #	1
69) o-Xylene	11.812	106	430	82.970	ug/l	78
70) Styrene	12.056	104	115	13.393	ug/l #	1
71) Bromoform	12.215	173	257	140.845	ug/l #	91
73) Isopropylbenzene	12.221	105	1069	38.801	ug/l	99
74) N-amyl acetate	12.178	43	124	17.158	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.593	83	699	130.977	ug/l #	26
76) 1,2,3-Trichloropropane	12.556	75	56	12.820	ug/l #	100
77) Bromobenzene	12.367	156	142908	21759.576	ug/l #	1
78) n-propylbenzene	12.702	91	542	16.173	ug/l	98
79) 2-Chlorotoluene	12.751	91	106	5.603	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.721	105	291	12.631	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.385	75	518	264.029	ug/l #	37
82) 4-Chlorotoluene	12.843	91	524	26.655	ug/l #	41
83) tert-Butylbenzene	13.068	119	604	31.203	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.196	105	168	7.673	ug/l	91
85) sec-Butylbenzene	13.306	105	342	11.730	ug/l	93
86) p-Isopropyltoluene	13.361	119	157	6.404	ug/l #	50
87) 1,3-Dichlorobenzene	13.367	146	74	5.703	ug/l #	1
88) 1,4-Dichlorobenzene	13.446	146	115	8.613	ug/l #	4
89) n-Butylbenzene	13.702	91	318	13.805	ug/l #	29
90) Hexachloroethane	13.976	117	285	58.632	ug/l #	6
91) 1,2-Dichlorobenzene	13.763	146	248	21.074	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	14.367	75	46	51.430	ug/l #	1
95) Naphthalene	15.232	128	147	10.510	ug/l #	69

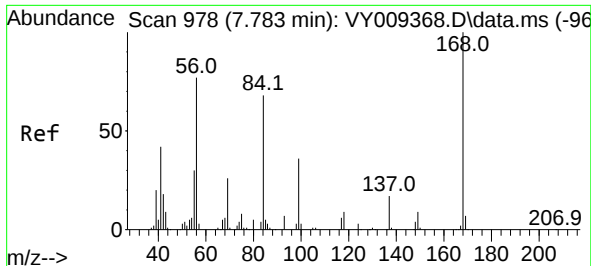
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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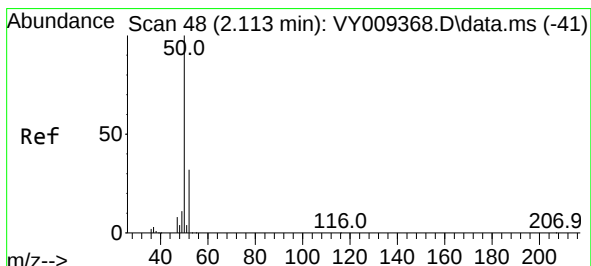
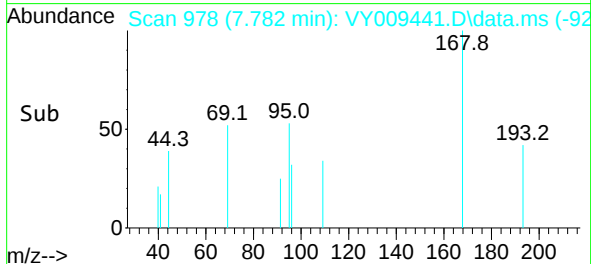
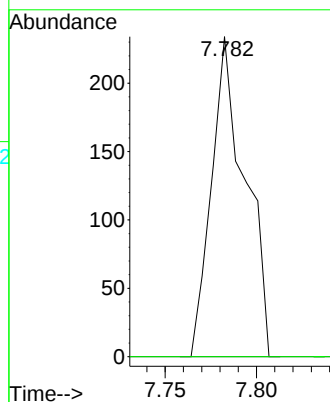
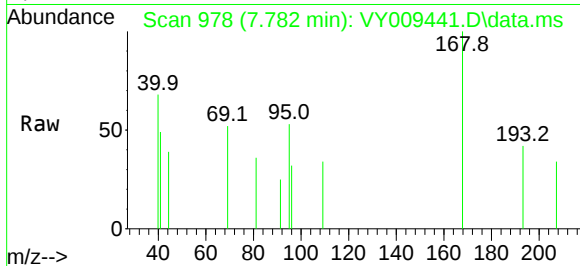




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009441.D
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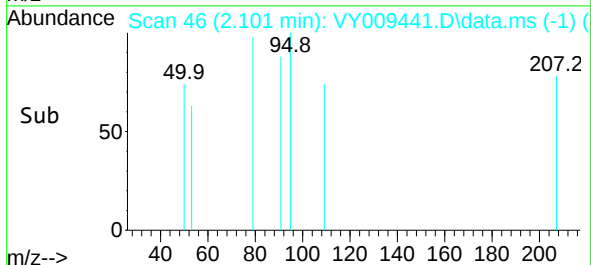
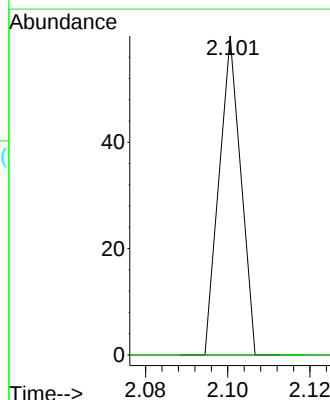
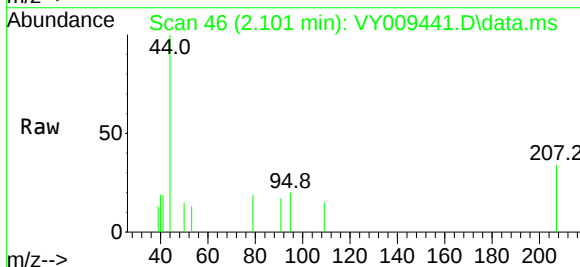
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

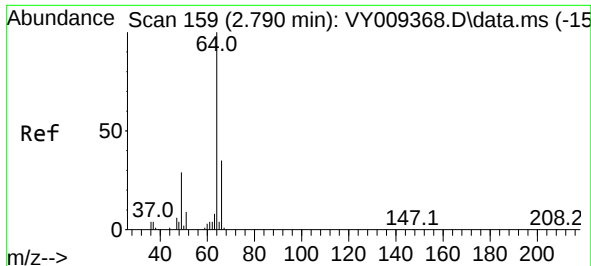
Tgt Ion:168 Resp: 299
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#3
Chloromethane
Concen: 8.214 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.006 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion: 50 Resp: 22
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

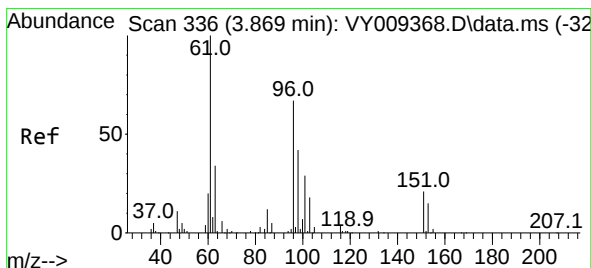
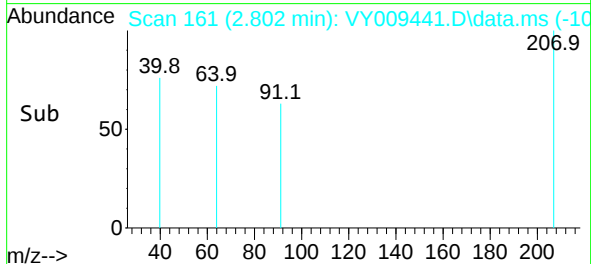
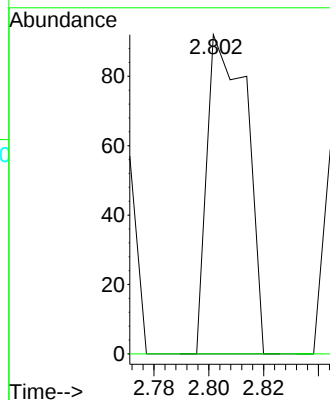
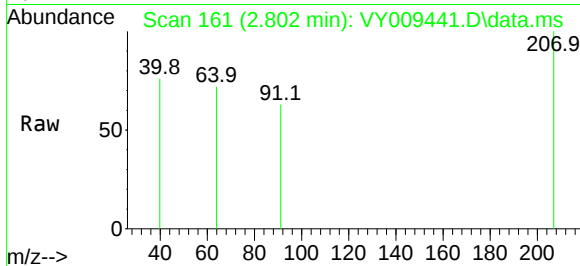




#6
Chloroethane
Concen: 55.689 ug/l
RT: 2.802 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

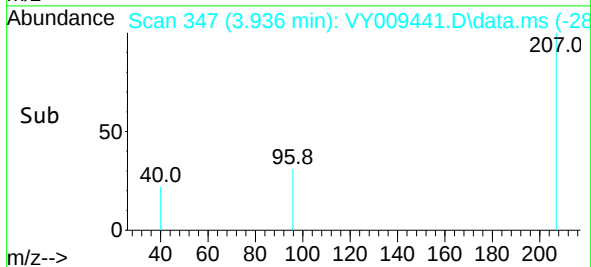
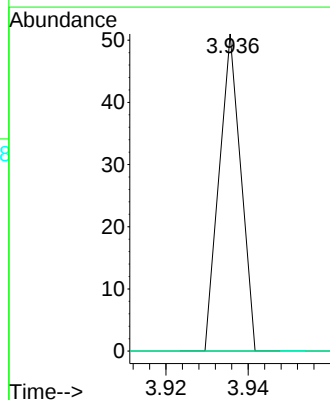
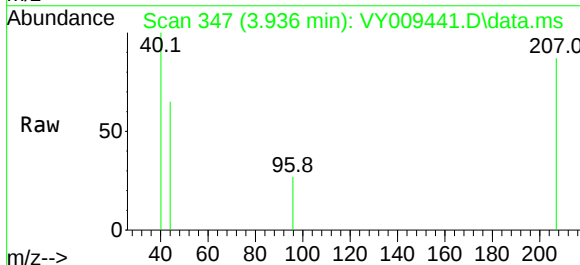
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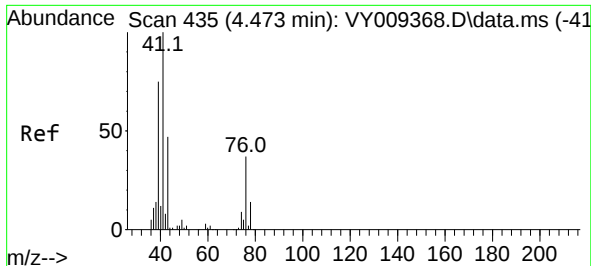
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#12
1,1-Dichloroethene
Concen: 7.069 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.073 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

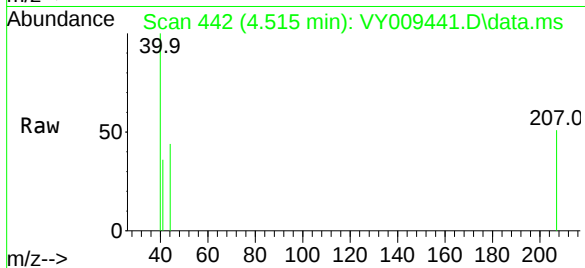
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#



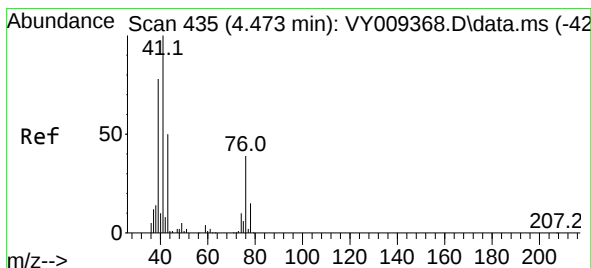
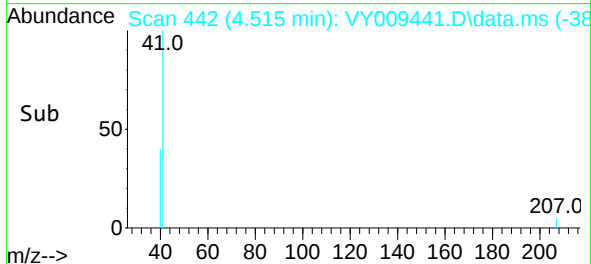
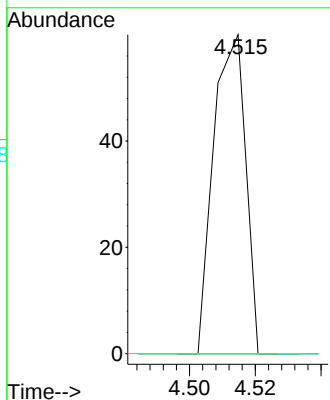


#14
 Allyl chloride
 Concen: 8.325 ug/l
 RT: 4.515 min Scan# 41
 Delta R.T. 0.042 min
 Lab File: VY009441.D
 Acq: 05 Jul 2022 16:41

Instrument :
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 ClientSampleId :
 TR-05-07012022RE

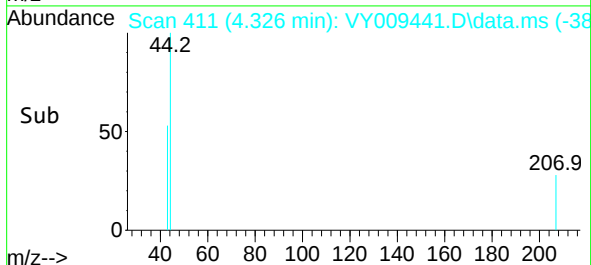
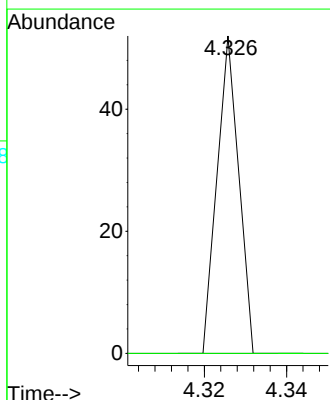
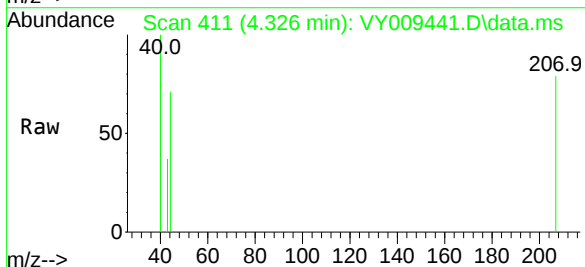


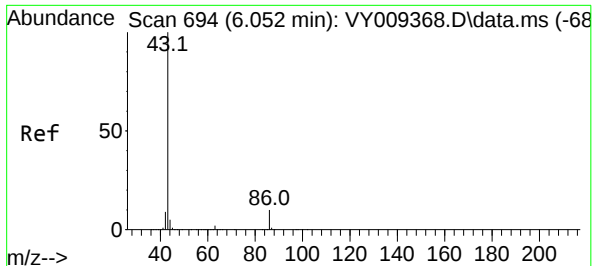
Tgt Ion: 41 Resp: 41
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.8 88.2#
 76 0.0 25.1 37.7#



#18
 Methyl Acetate
 Concen: 5.233 ug/l
 RT: 4.326 min Scan# 411
 Delta R.T. -0.147 min
 Lab File: VY009441.D
 Acq: 05 Jul 2022 16:41

Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.6 24.8#

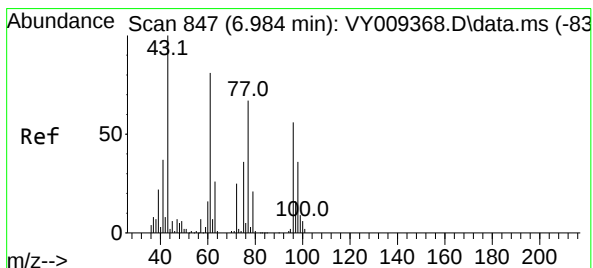
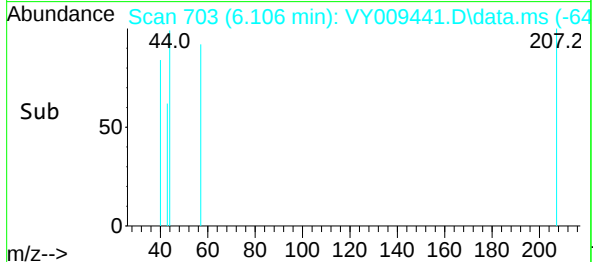
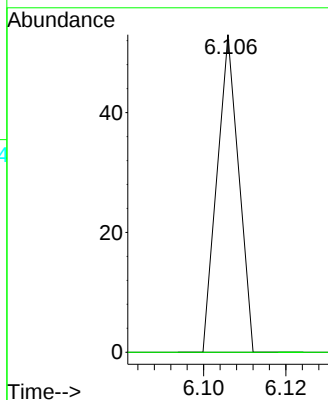
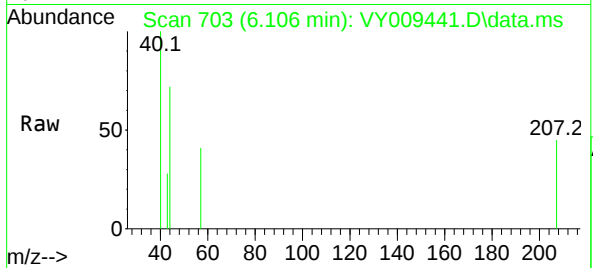




#23
 Vinyl Acetate
 Concen: 2.918 ug/l
 RT: 6.106 min Scan# 703
 Delta R.T. 0.055 min
 Lab File: VY009441.D
 Acq: 05 Jul 2022 16:41

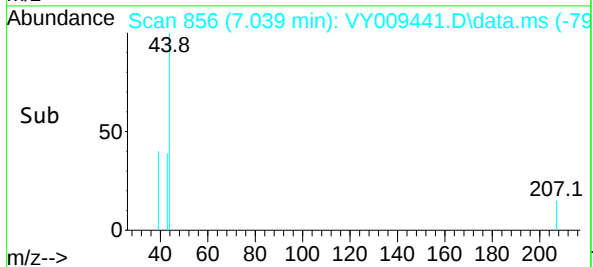
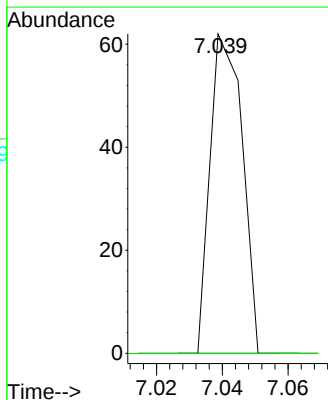
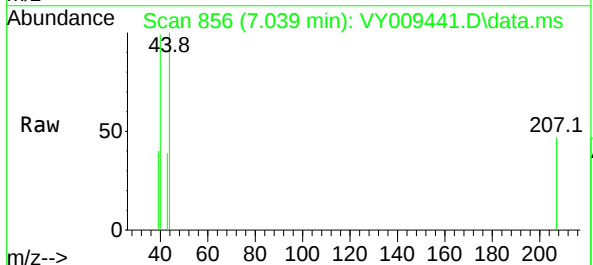
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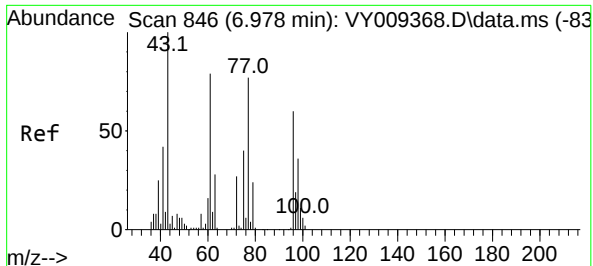
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 33.683 ug/l
 RT: 7.039 min Scan# 856
 Delta R.T. 0.061 min
 Lab File: VY009441.D
 Acq: 05 Jul 2022 16:41

Tgt Ion: 43 Resp: 42
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 4.159 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009441.D

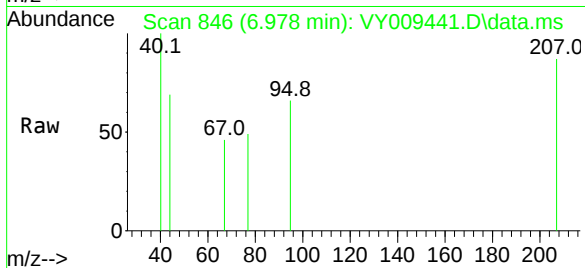
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Instrument :

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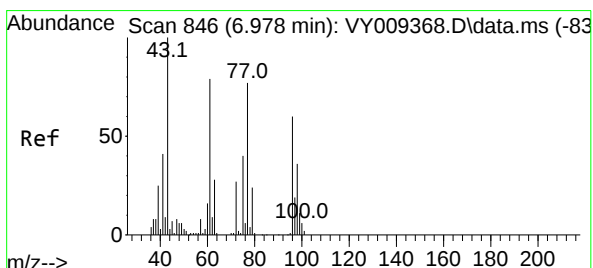
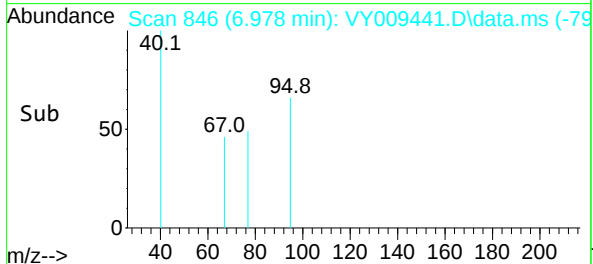
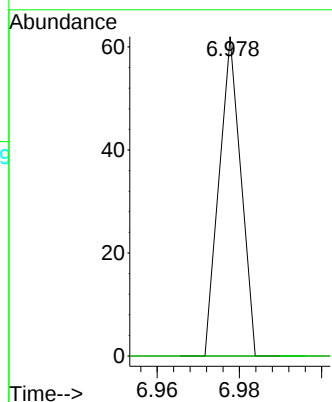


Tgt Ion: 77 Resp: 23

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#27

cis-1,2-Dichloroethene

Concen: 11.235 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

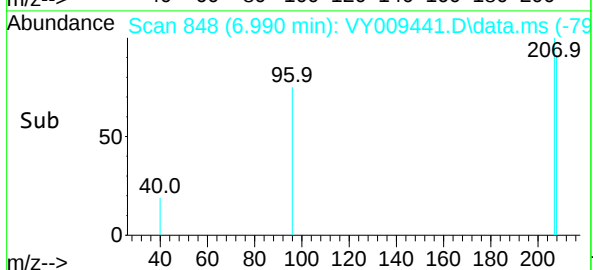
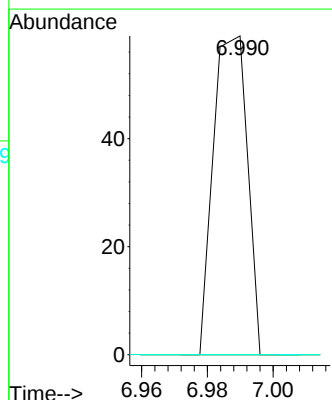
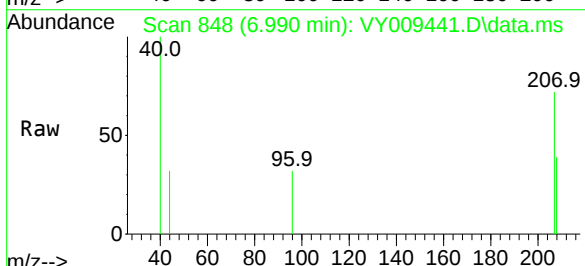
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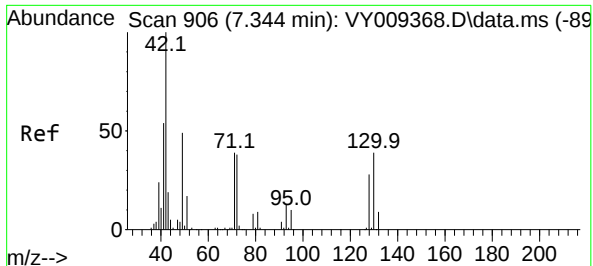
Ion Ratio Lower Upper

96 100

61 0.0 0.0 319.8

98 0.0 0.0 127.0





#29

Tetrahydrofuran

Concen: 23.767 ug/l

RT: 7.301 min Scan# 89

Delta R.T. -0.043 min

Lab File: VY009441.D

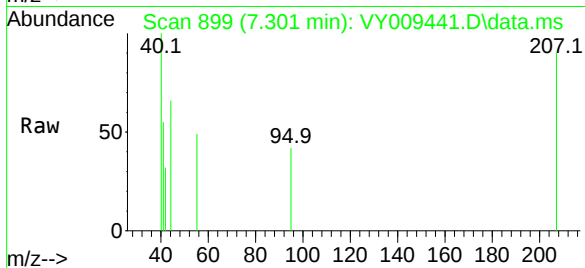
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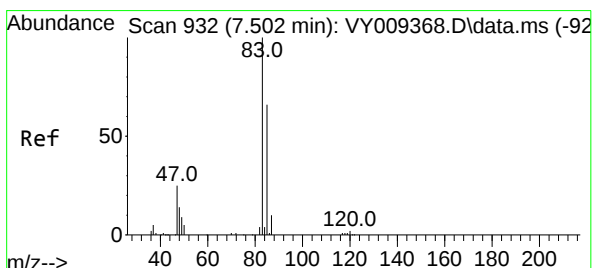
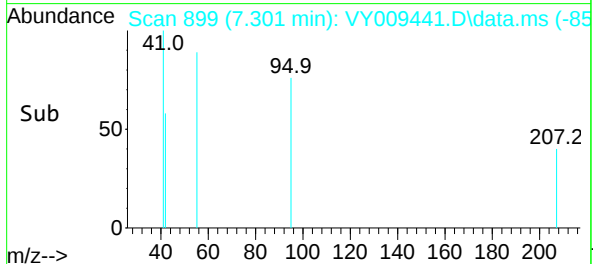
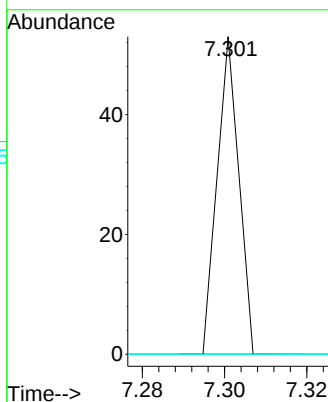
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 9.491 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009441.D

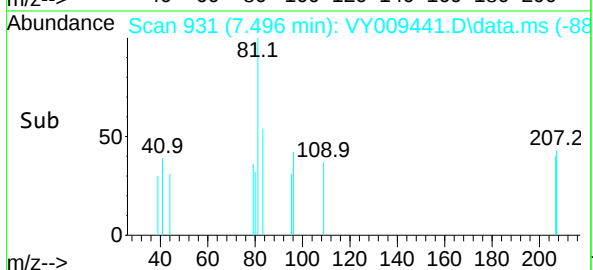
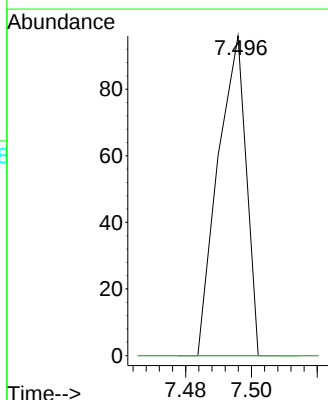
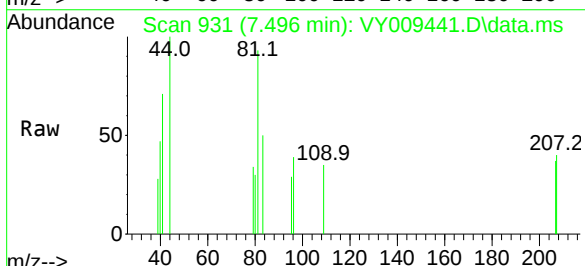
Acq: 05 Jul 2022 16:41

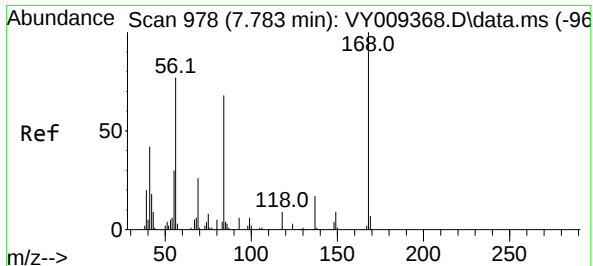
Tgt Ion: 83 Resp: 57

Ion Ratio Lower Upper

83 100

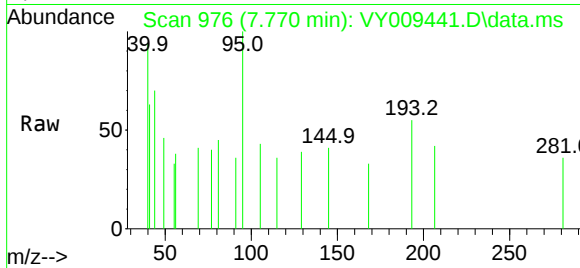
85 0.0 51.8 77.6#



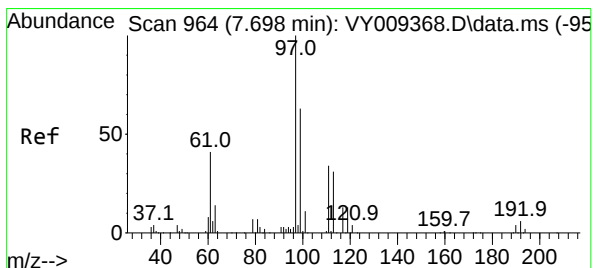
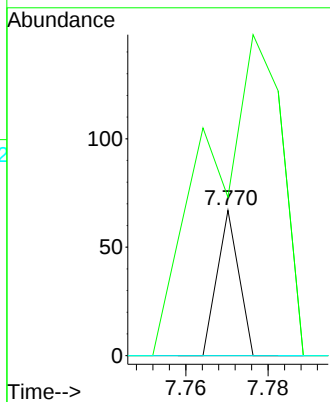
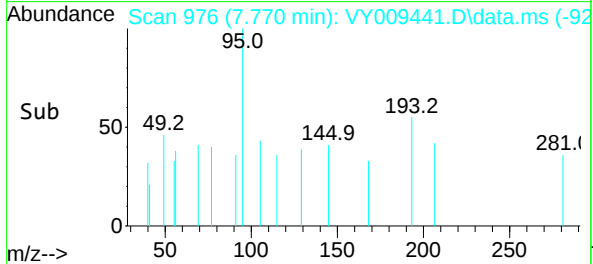


#31
Cyclohexane
Concen: 4.641 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

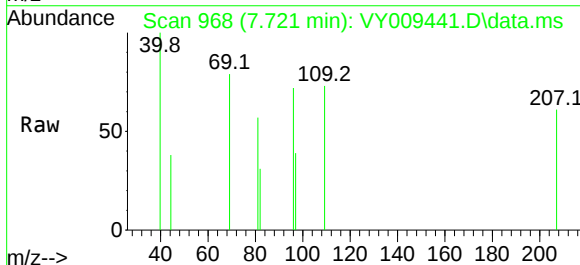
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE



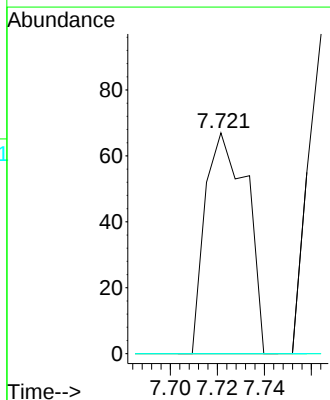
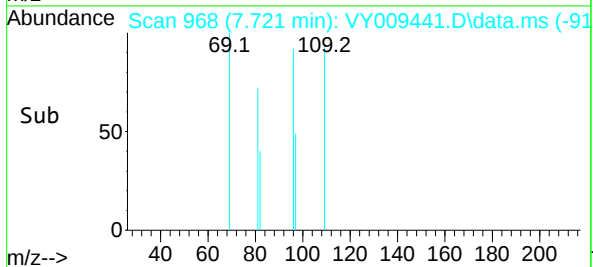
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
69 29.9 26.7 40.1
84 0.0 67.2 100.8#

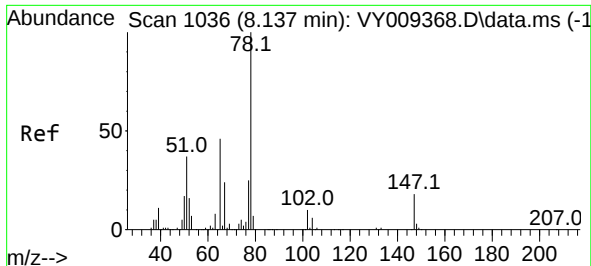


#32
1,1,1-Trichloroethane
Concen: 15.432 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.023 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41



Tgt Ion: 97 Resp: 83
Ion Ratio Lower Upper
97 100
99 0.0 50.7 76.1#
61 0.0 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 62.634 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

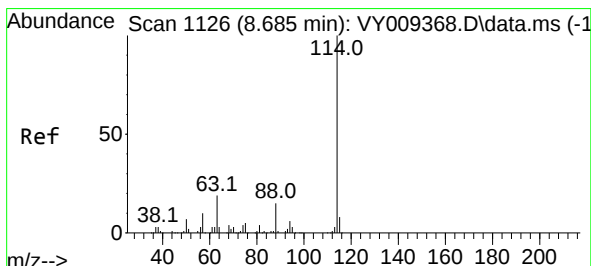
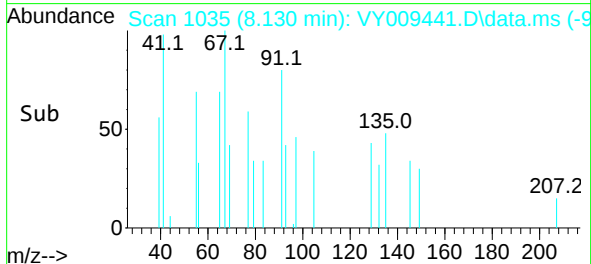
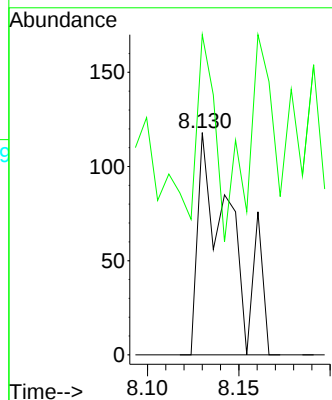
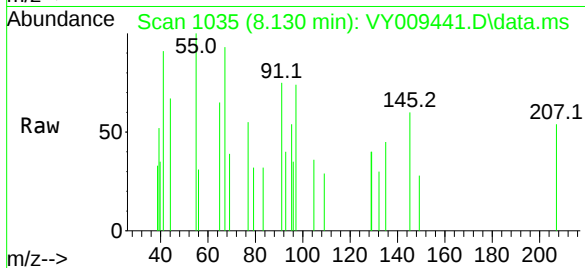
TR-05-07012022RE

Tgt Ion: 65 Resp: 150

Ion Ratio Lower Upper

65 100

67 46.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

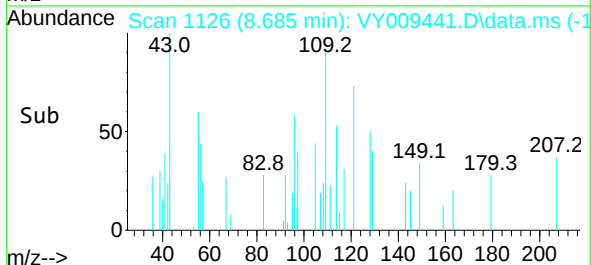
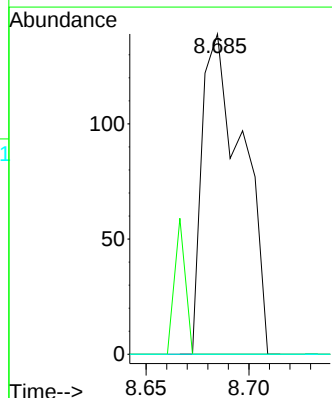
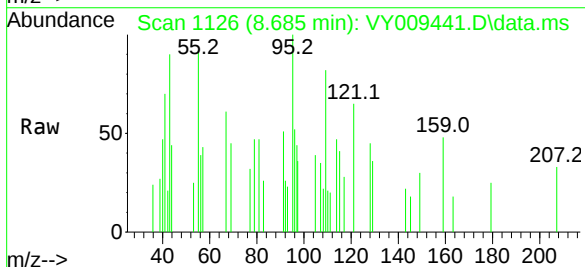
Tgt Ion: 114 Resp: 190

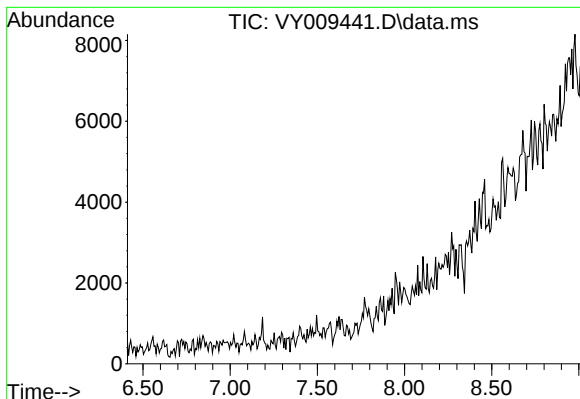
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



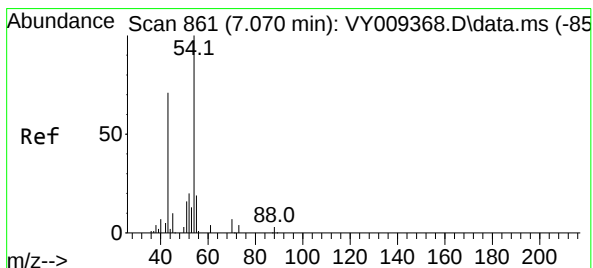
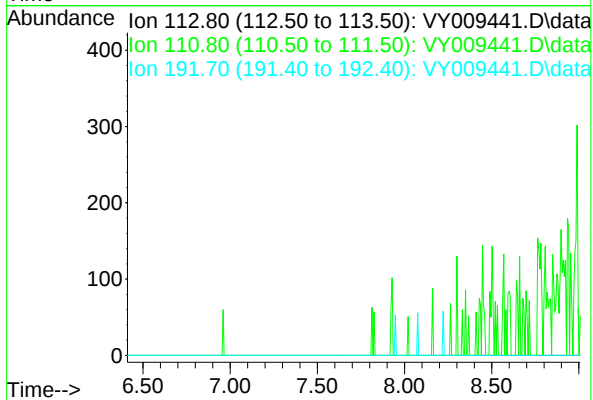


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.71 min
 Lab File: VY009441.D
 Acq: 05 Jul 2022 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-07012022RE

Tgt Ion: 113

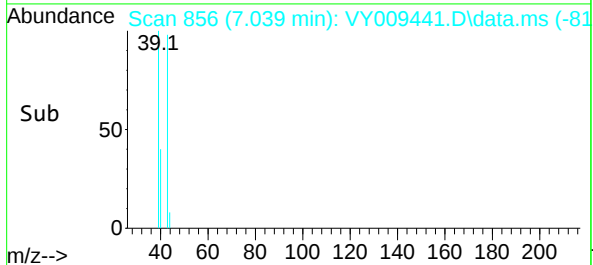
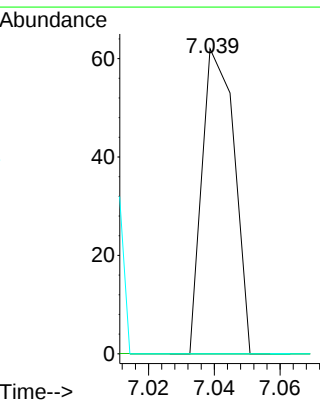
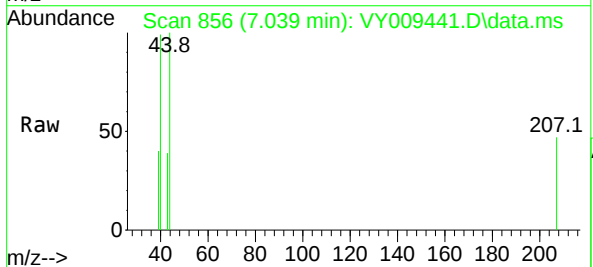
Sig	Exp Ratio
113	100
111	103.3
192	22.0

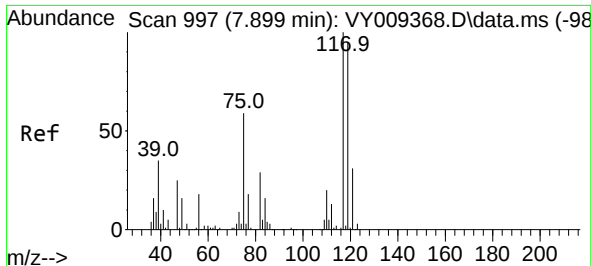


#37
 Ethyl Acetate
 Concen: 38.734 ug/l
 RT: 7.039 min Scan# 856
 Delta R.T. -0.031 min
 Lab File: VY009441.D
 Acq: 05 Jul 2022 16:41

Tgt Ion: 43 Resp: 42

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#

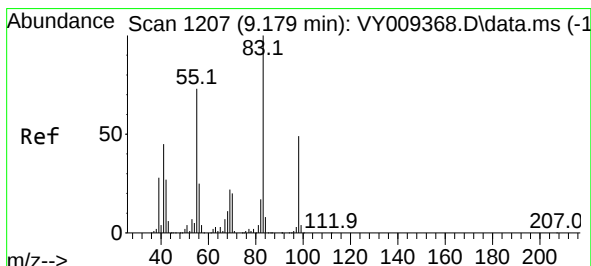
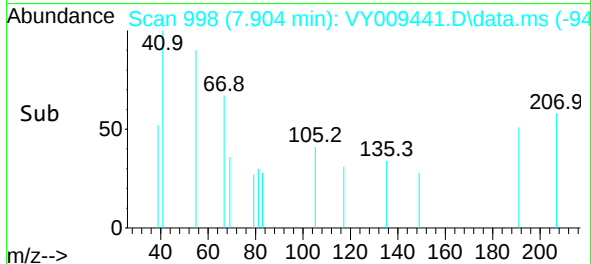
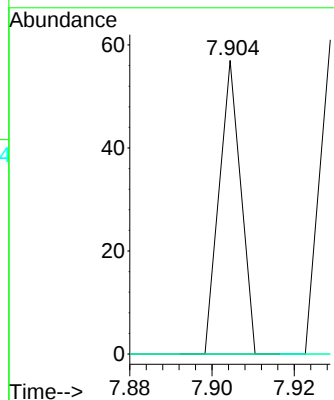
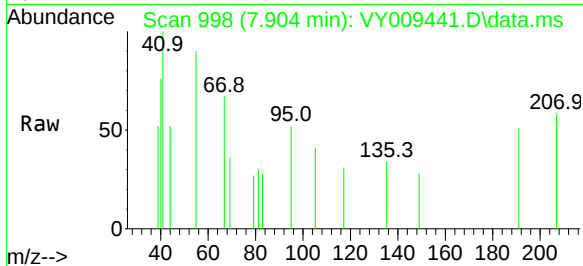




#38
Carbon Tetrachloride
Concen: 10.988 ug/l
RT: 7.904 min Scan# 997
Delta R.T. 0.011 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

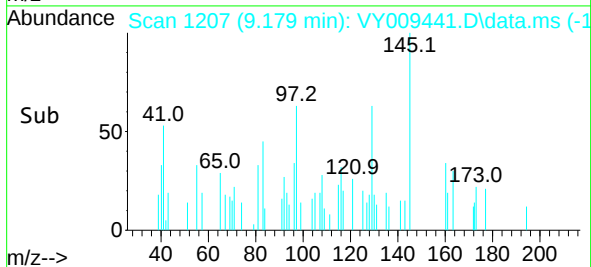
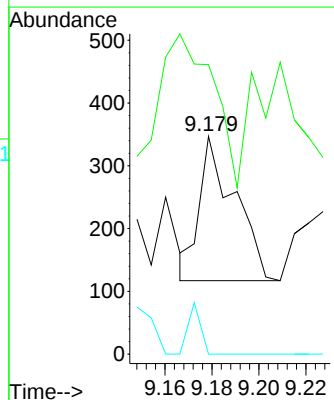
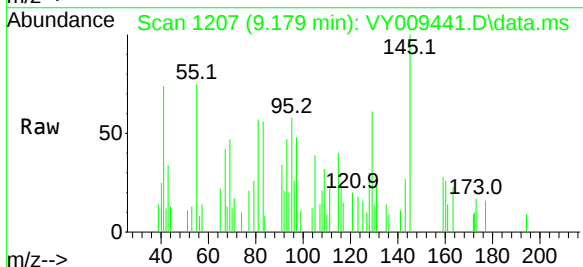
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

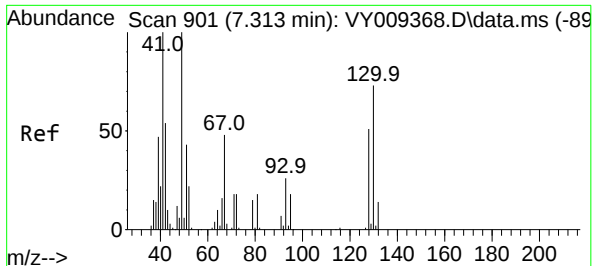
Tgt Ion:117 Resp: 21
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 110.444 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

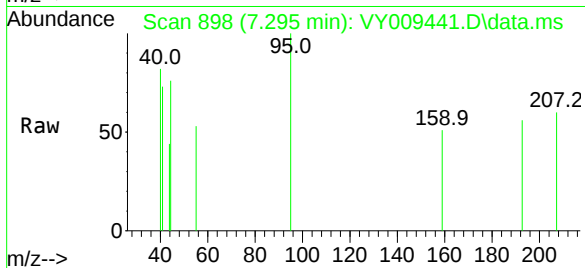
Tgt Ion: 83 Resp: 239
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.9 56.9#



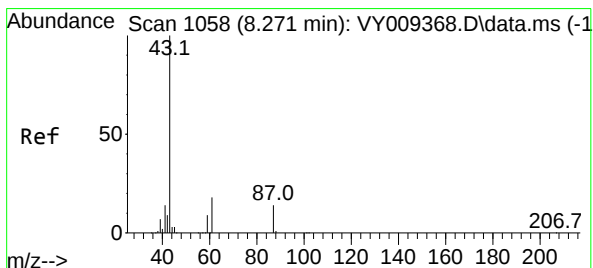
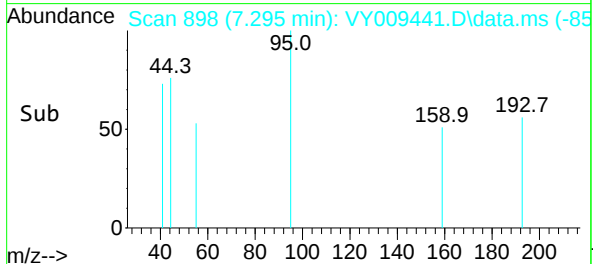
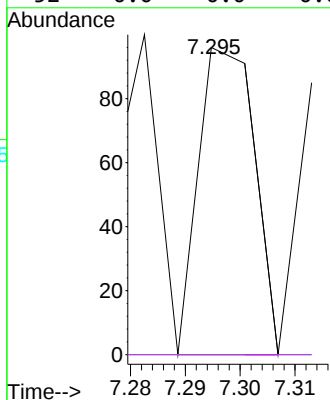


#41
Methacrylonitrile
Concen: 111.006 ug/l
RT: 7.295 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

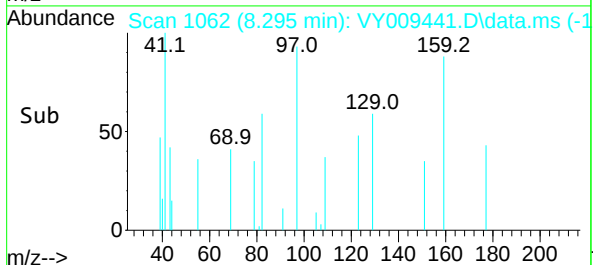
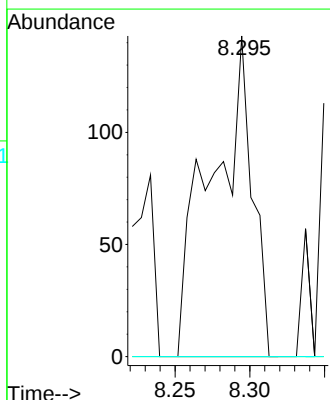
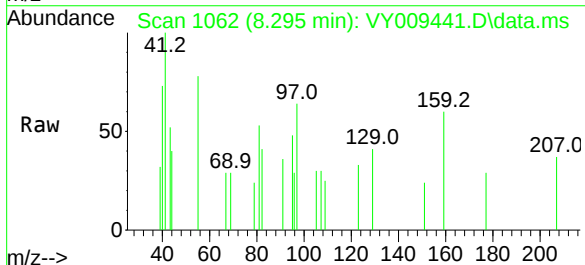


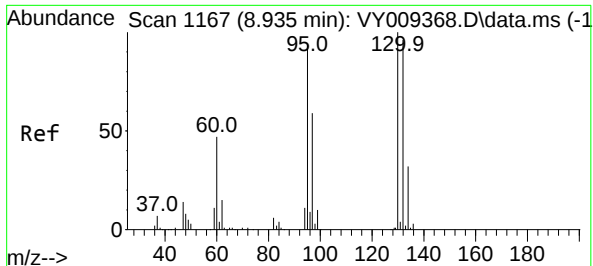
Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 136.127 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.024 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#





#44

Trichloroethene

Concen: 15.481 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

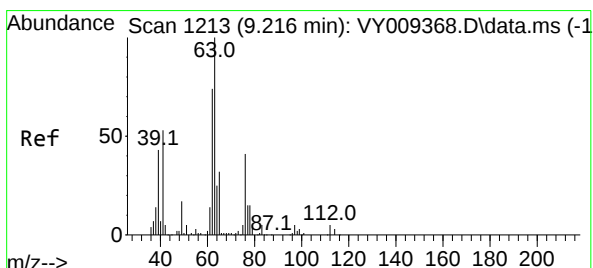
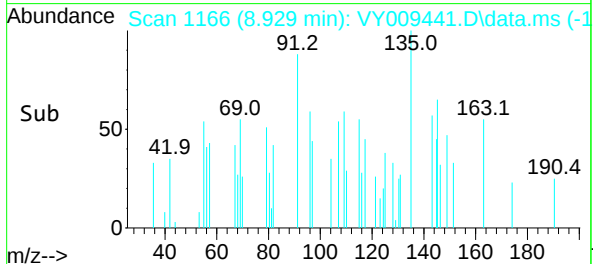
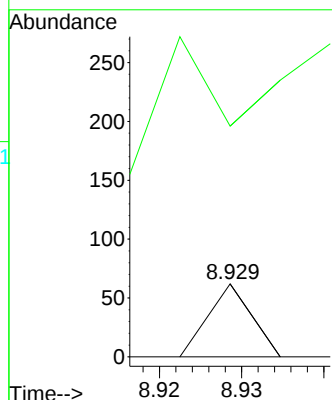
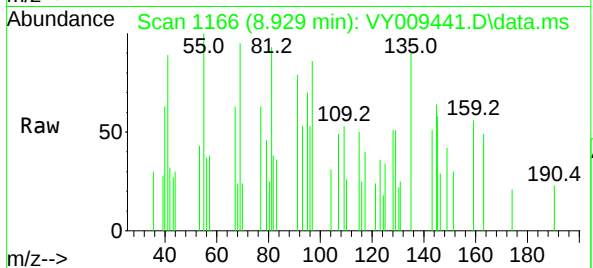
TR-05-07012022RE

Tgt Ion:130 Resp: 23

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.2



#45

1,2-Dichloropropane

Concen: 43.561 ug/l

RT: 9.203 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VY009441.D

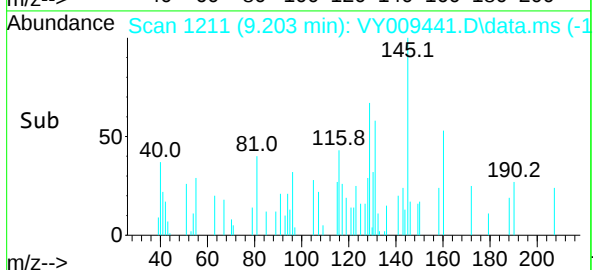
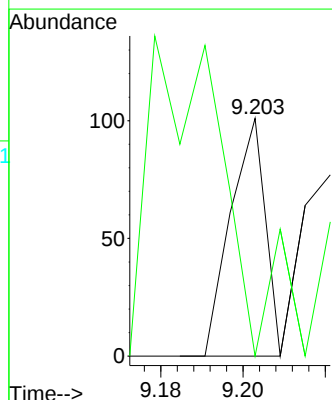
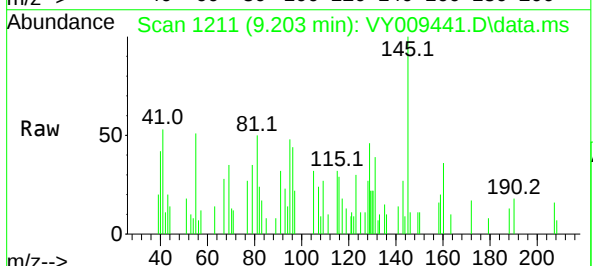
Acq: 05 Jul 2022 16:41

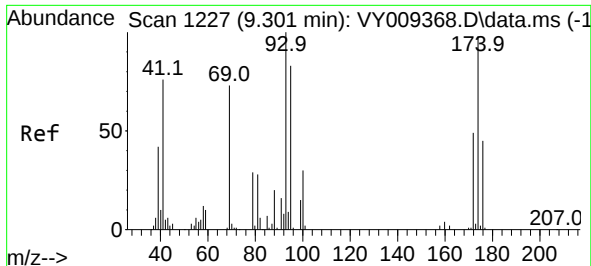
Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

63 100

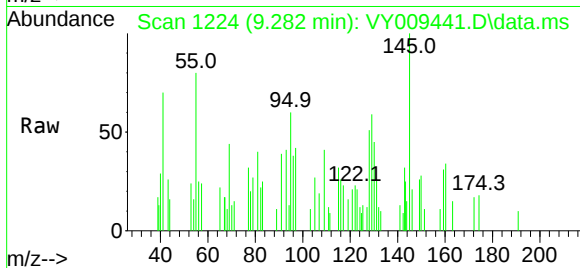
65 0.0 23.0 34.6#



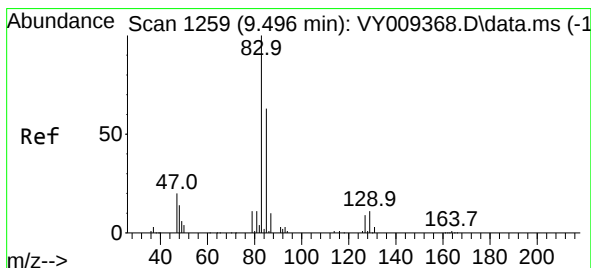
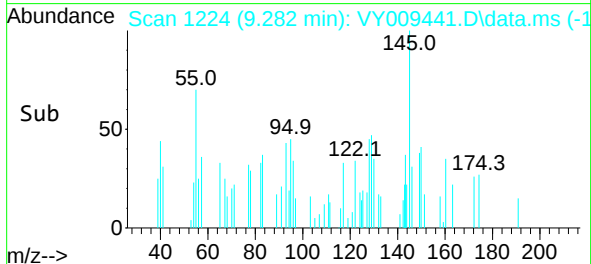
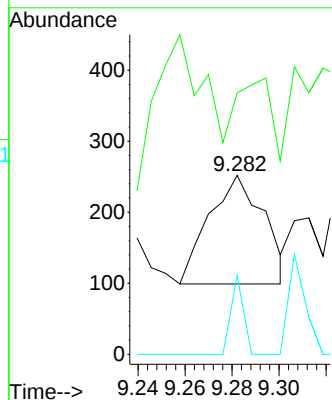


#46
Dibromomethane
Concen: 318.329 ug/l
RT: 9.282 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

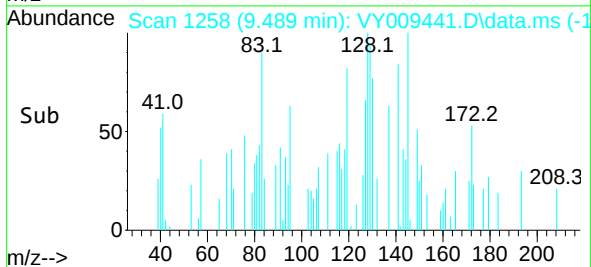
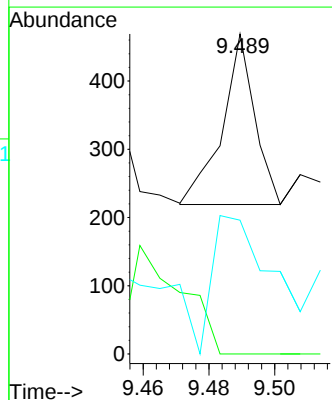
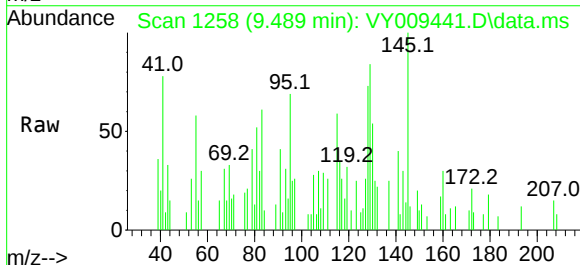


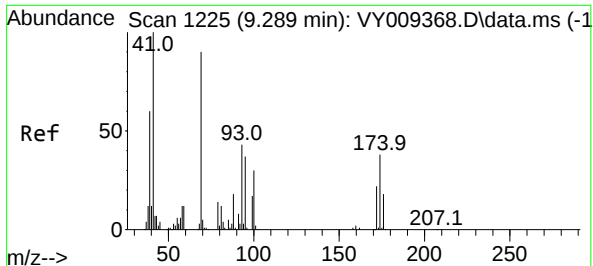
Tgt Ion: 93 Resp: 247
Ion Ratio Lower Upper
93 100
95 47.4 64.3 96.5#
174 16.6 83.4 125.0#



#47
Bromodichloromethane
Concen: 93.604 ug/l
RT: 9.489 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion: 83 Resp: 172
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#
127 37.6 6.6 10.0#





#48

Methyl methacrylate

Concen: 305.284 ug/l

RT: 9.270 min Scan# 1

Delta R.T. -0.019 min

Lab File: VY009441.D

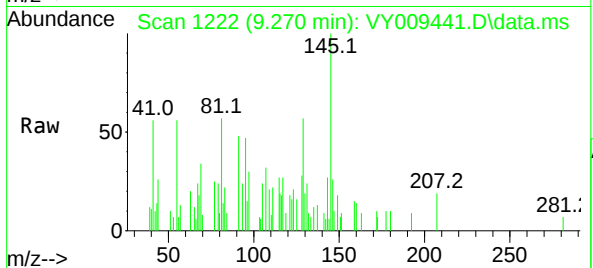
Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE



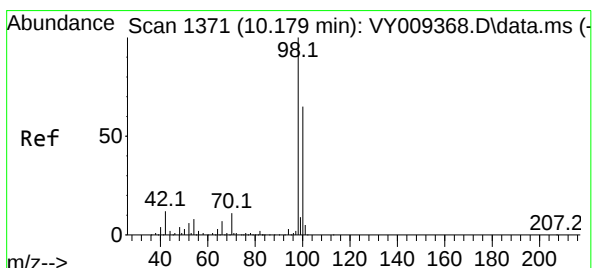
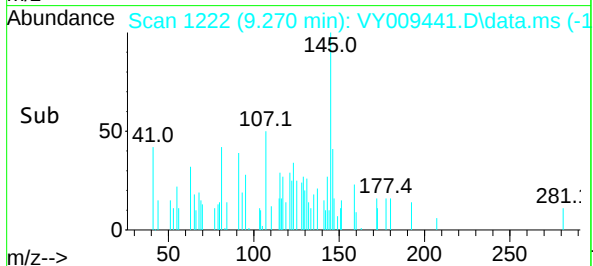
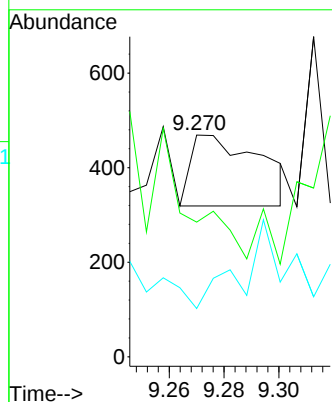
Tgt Ion: 41 Resp: 262

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 0.0 47.4 71.0#



#50

Toluene-d8

Concen: 26.823 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.007 min

Lab File: VY009441.D

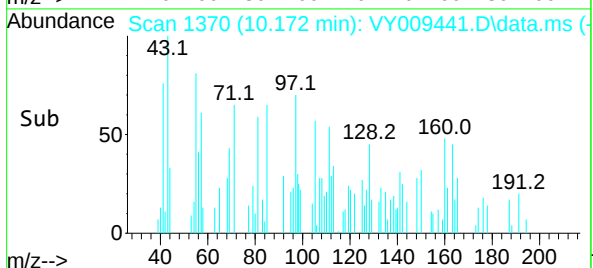
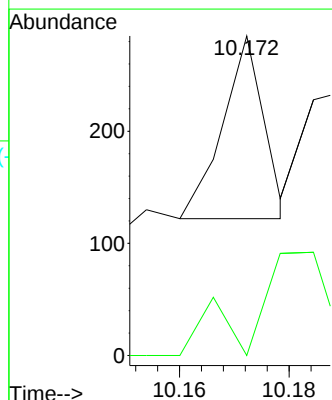
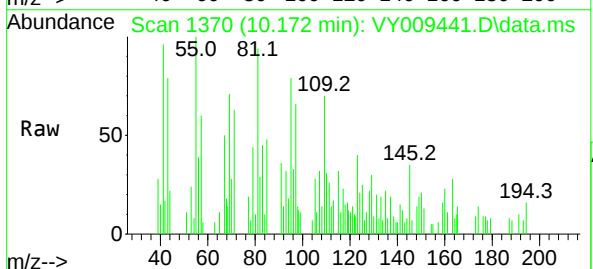
Acq: 05 Jul 2022 16:41

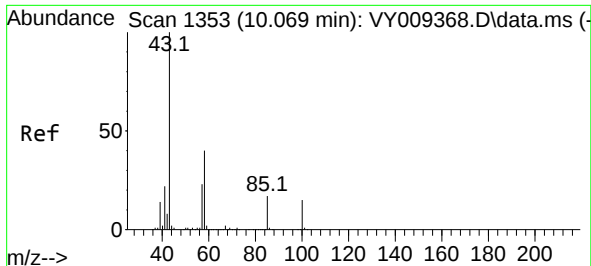
Tgt Ion: 98 Resp: 86

Ion Ratio Lower Upper

98 100

100 100.0 50.2 75.2#

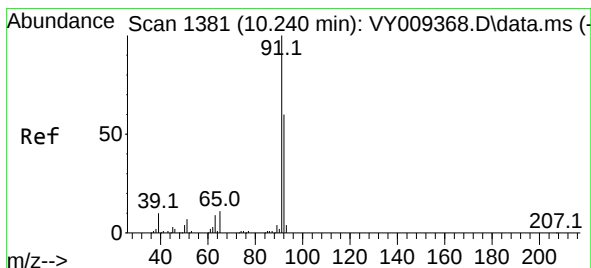
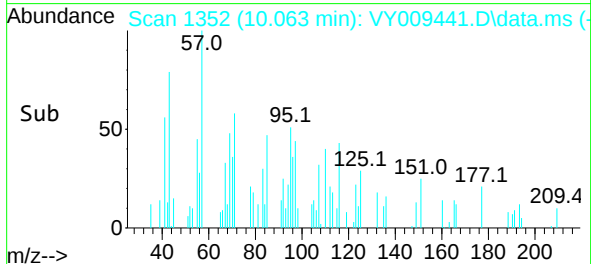
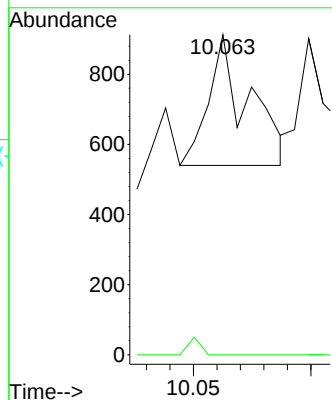
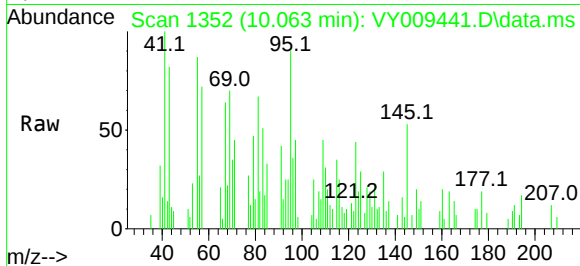




#51
4-Methyl-2-Pentanone
Concen: 427.693 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

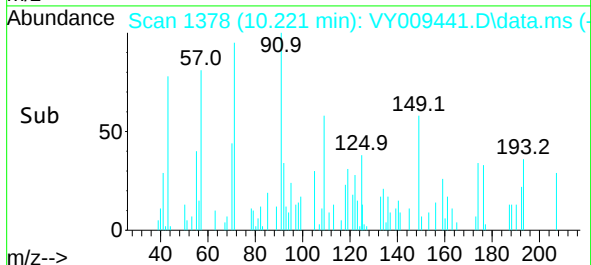
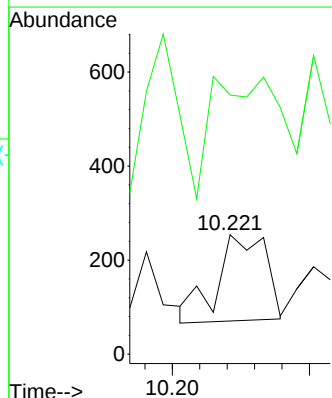
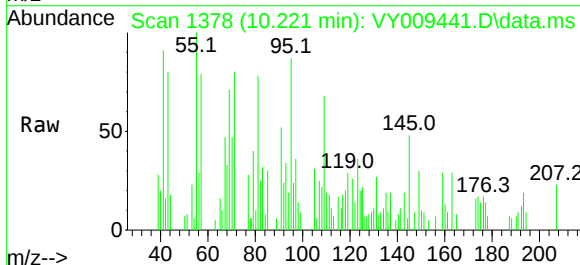
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

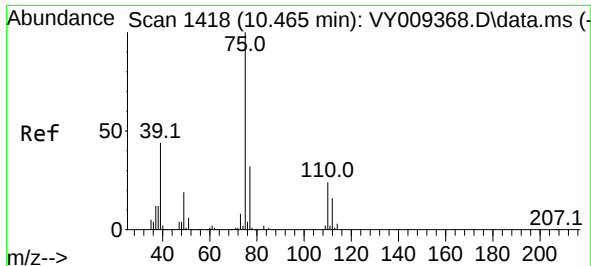
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 4.1 28.1 42.1#



#52
Toluene
Concen: 66.695 ug/l
RT: 10.221 min Scan# 1378
Delta R.T. -0.019 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion: 92 Resp: 225
Ion Ratio Lower Upper
92 100
91 202.2 142.6 213.8

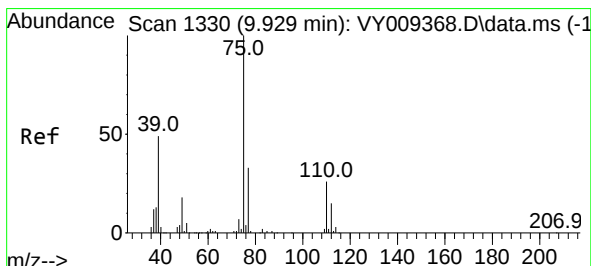
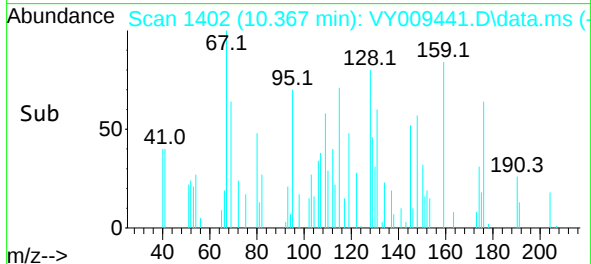
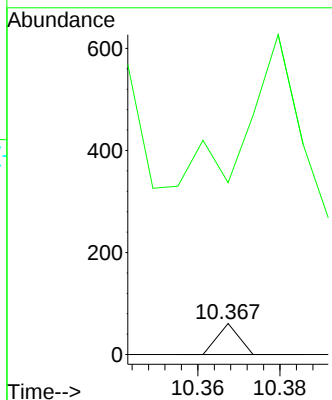
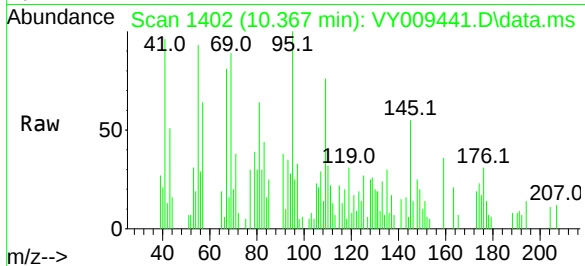




#53
t-1,3-Dichloropropene
Concen: 11.969 ug/l
RT: 10.367 min Scan# 1418
Delta R.T. -0.098 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

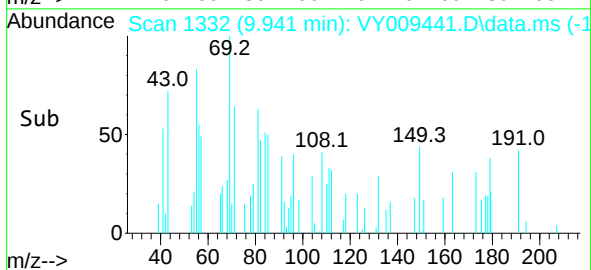
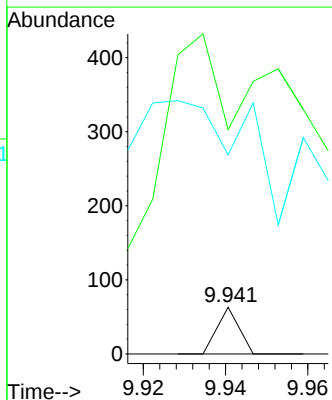
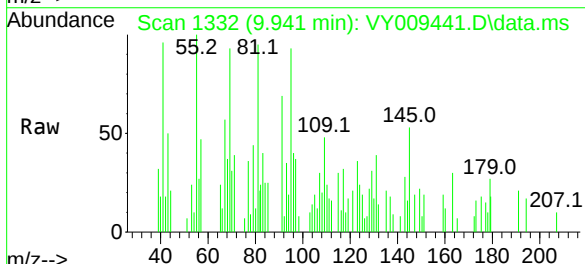
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

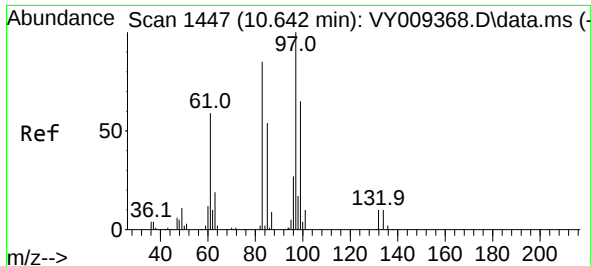
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 11.5 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 10.480 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.018 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

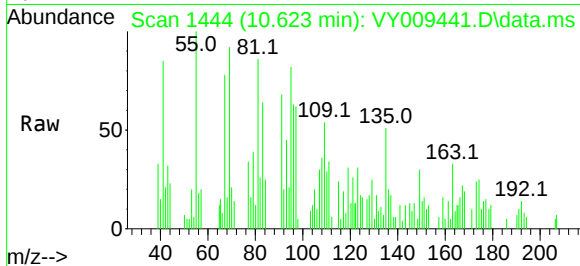
Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
39 150.8 47.6 71.4#



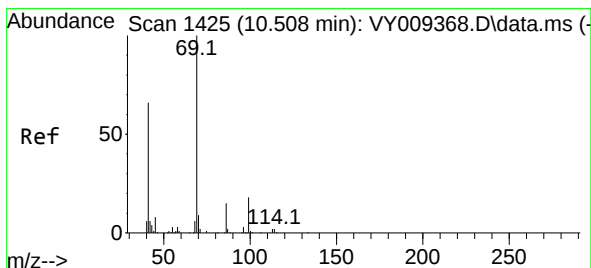
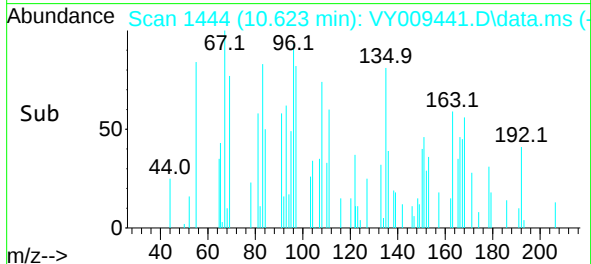
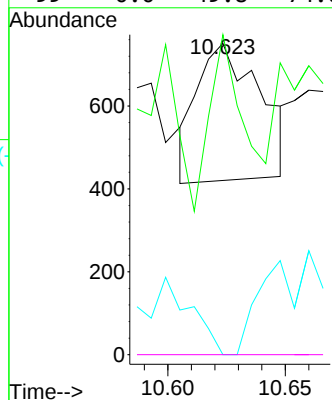


#55
1,1,2-Trichloroethane
Concen: 596.707 ug/l
RT: 10.623 min Scan# 1444
Delta R.T. -0.019 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

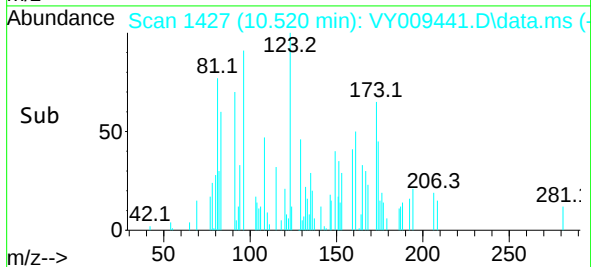
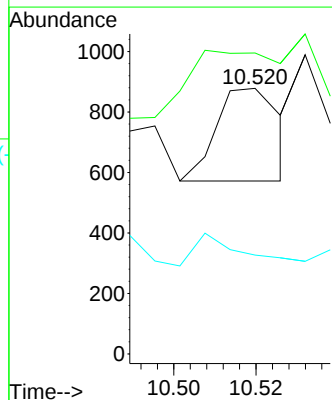
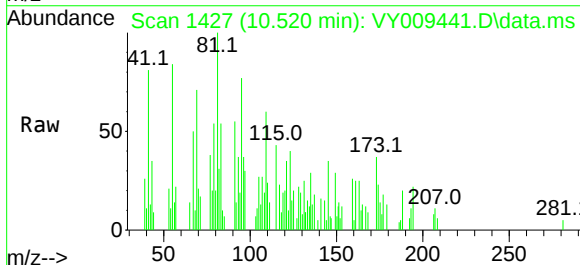


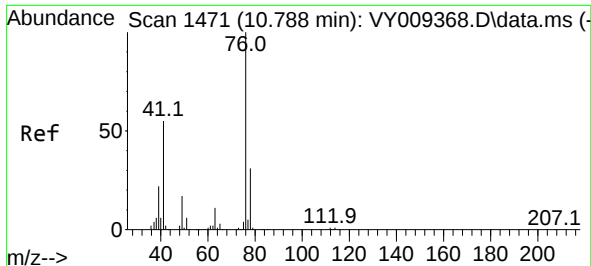
Tgt Ion:	97	Resp:	616
Ion	Ratio	Lower	Upper
97	100		
83	120.8	69.8	104.8#
85	0.0	44.3	66.5#
99	0.0	49.8	74.6#



#56
Ethyl methacrylate
Concen: 250.437 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion:	69	Resp:	330
Ion	Ratio	Lower	Upper
69	100		
41	139.4	63.4	95.0#
39	0.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 38.824 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

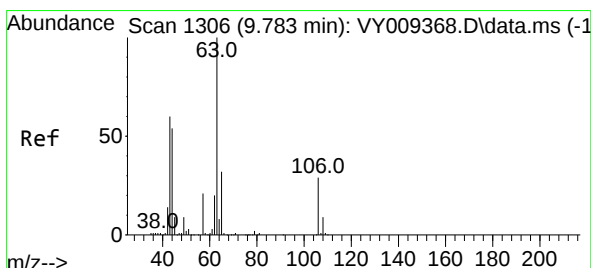
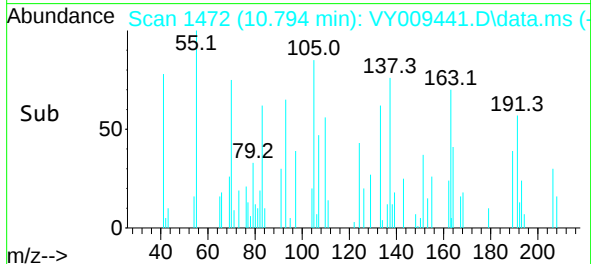
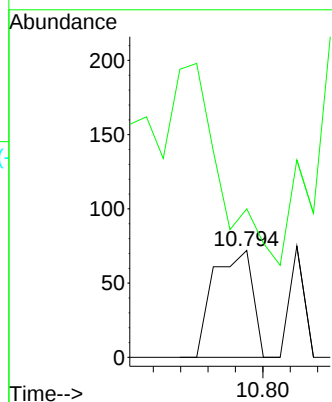
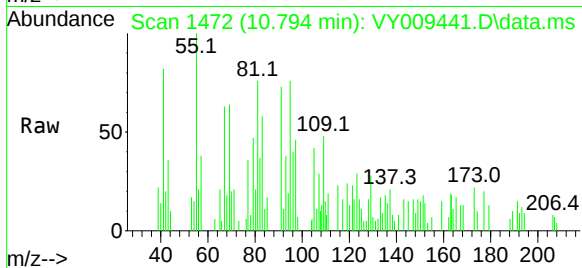
TR-05-07012022RE

Tgt Ion: 76 Resp: 71

Ion Ratio Lower Upper

76 100

78 364.8 25.0 37.6#



#58

2-Chloroethyl Vinyl ether

Concen: 63.051 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY009441.D

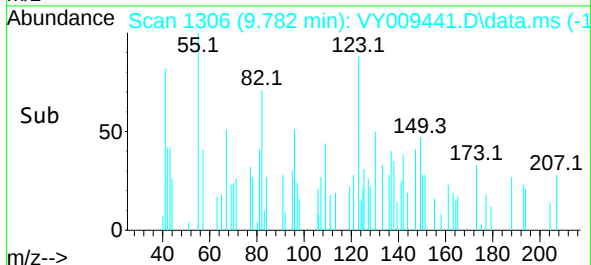
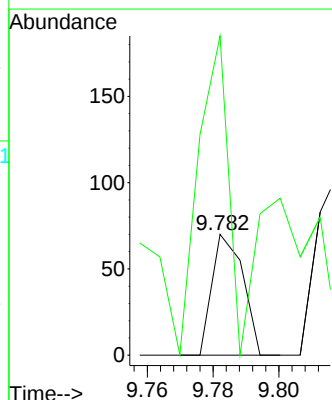
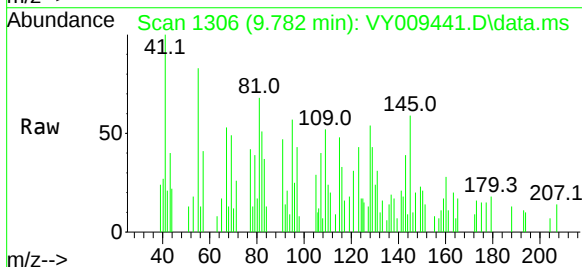
Acq: 05 Jul 2022 16:41

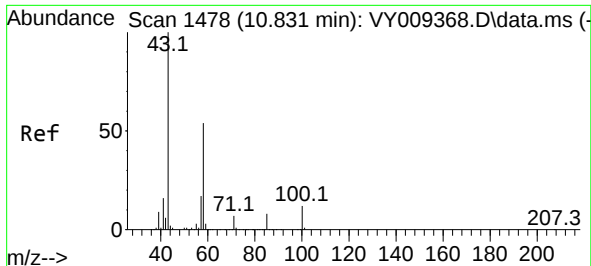
Tgt Ion: 63 Resp: 46

Ion Ratio Lower Upper

63 100

106 247.8 21.5 32.3#





#59

2-Hexanone

Concen: 332.840 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

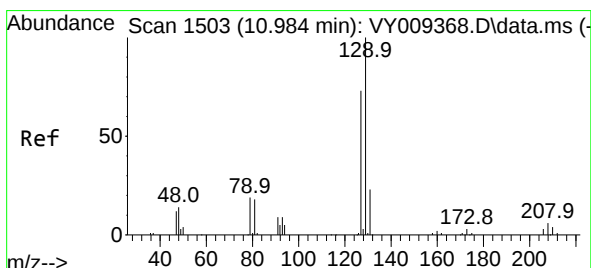
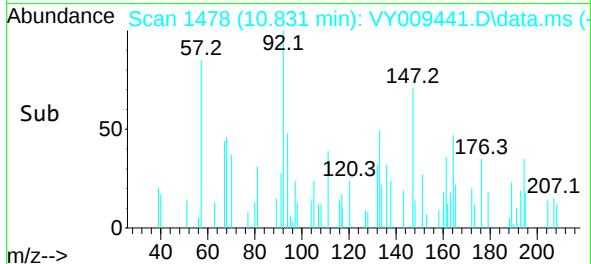
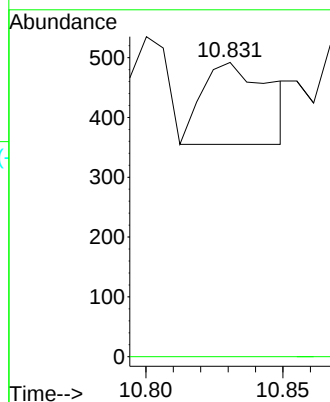
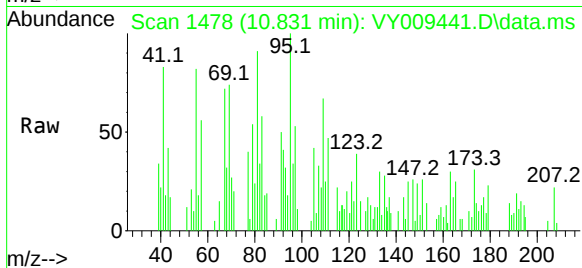
TR-05-07012022RE

Tgt Ion: 43 Resp: 236

Ion Ratio Lower Upper

43 100

58 0.0 24.4 73.4#



#60

Dibromochloromethane

Concen: 177.582 ug/l

RT: 11.062 min Scan# 1516

Delta R.T. 0.078 min

Lab File: VY009441.D

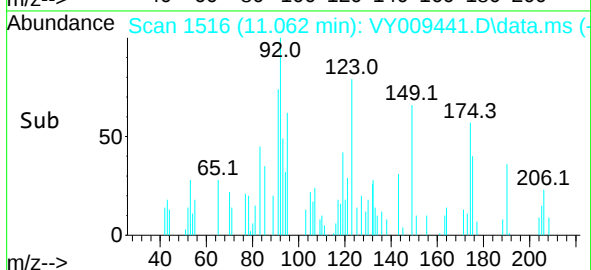
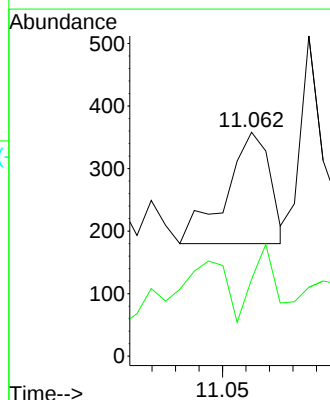
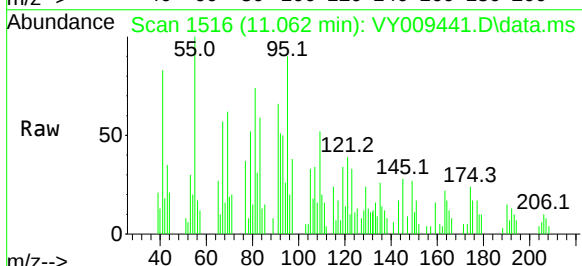
Acq: 05 Jul 2022 16:41

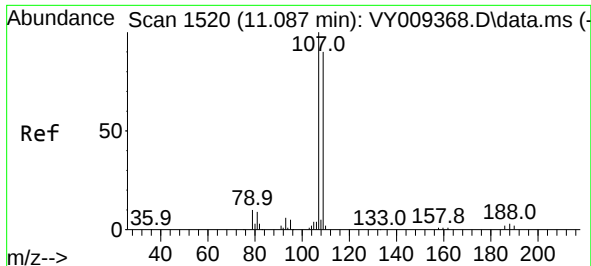
Tgt Ion:129 Resp: 232

Ion Ratio Lower Upper

129 100

127 40.5 38.7 116.1

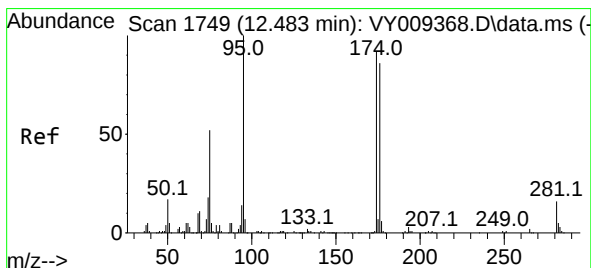
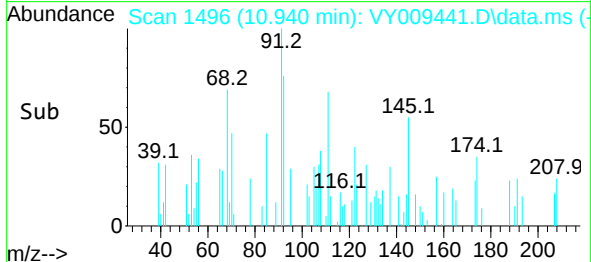
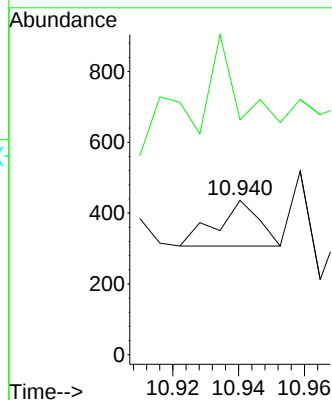
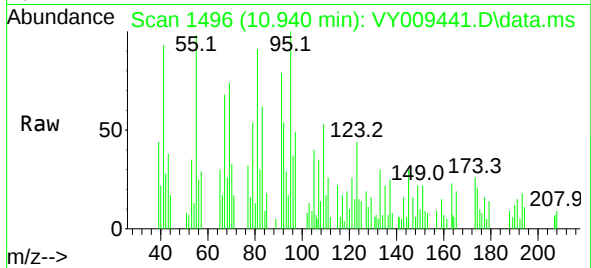




#61
1,2-Dibromoethane
Concen: 109.994 ug/l
RT: 10.940 min Scan# 1496
Delta R.T. -0.147 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

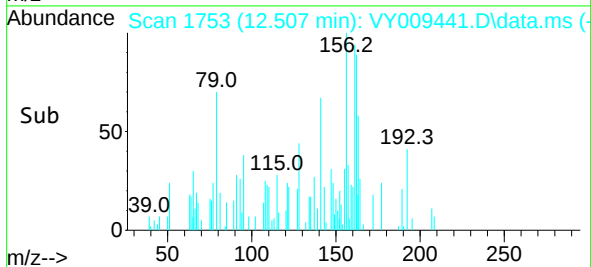
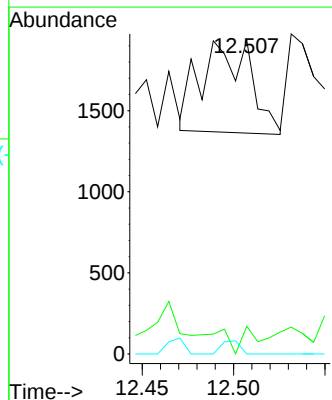
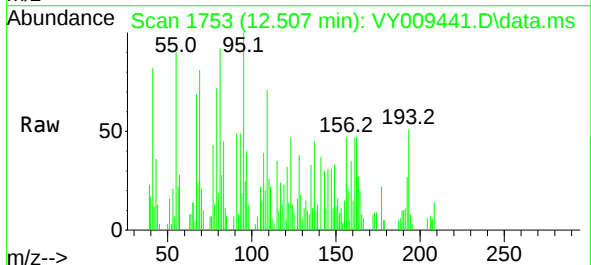
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

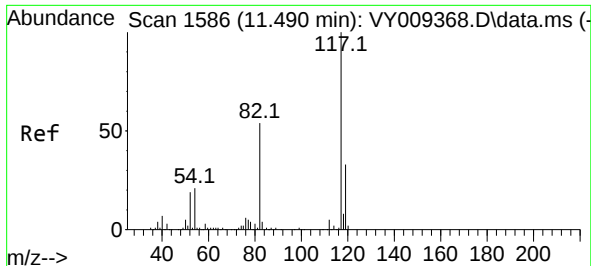
Tgt Ion:107 Resp: 114
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 691.839 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.030 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion: 95 Resp: 1052
Ion Ratio Lower Upper
95 100
174 29.4 0.0 177.0
176 5.4 0.0 175.8

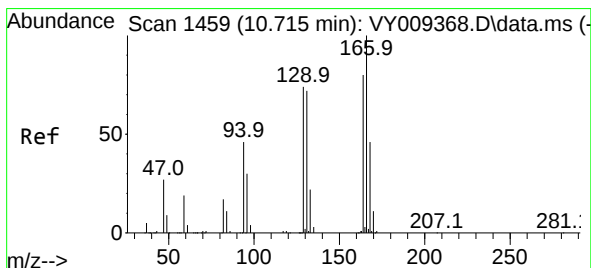
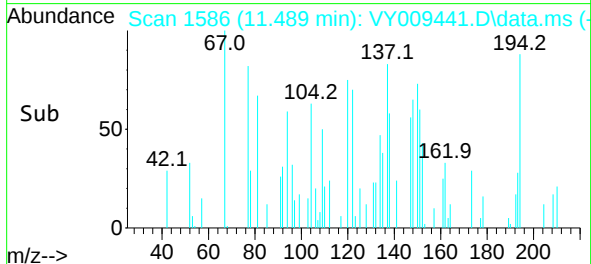
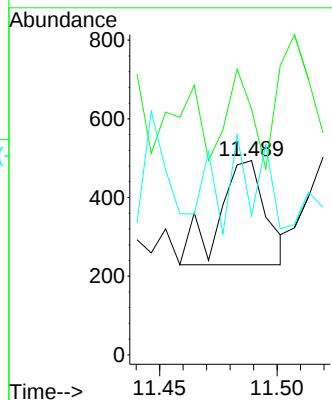
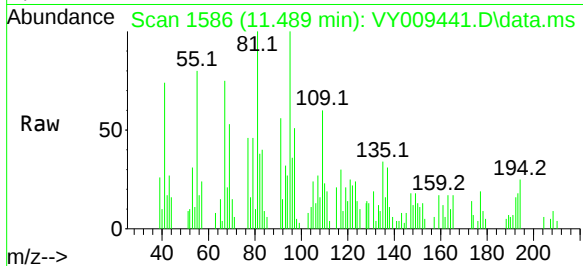




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

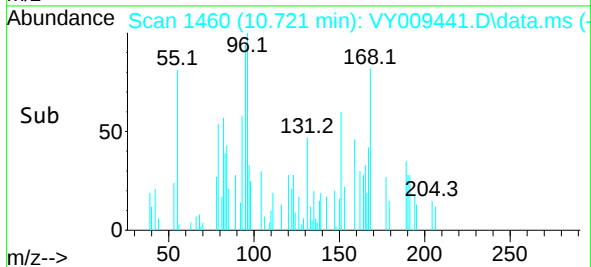
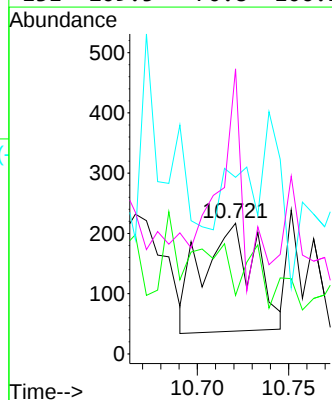
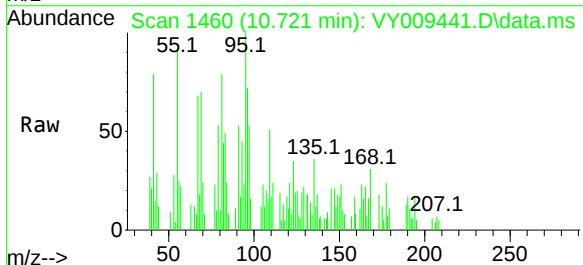
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

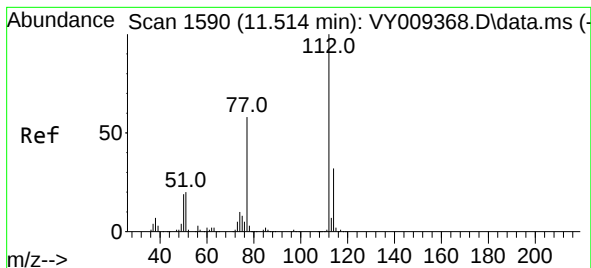
Tgt Ion:117 Resp: 370
Ion Ratio Lower Upper
117 100
82 7.9 43.0 64.4#
119 12.8 25.4 38.0#



#64
Tetrachloroethene
Concen: 105.961 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion:164 Resp: 365
Ion Ratio Lower Upper
164 100
166 0.0 100.4 150.6#
129 0.0 71.4 107.0#
131 209.5 70.8 106.2#





#65

Chlorobenzene

Concen: 7.705 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

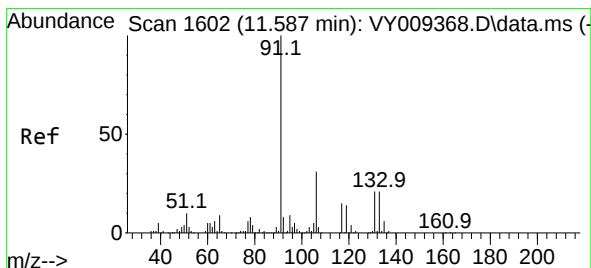
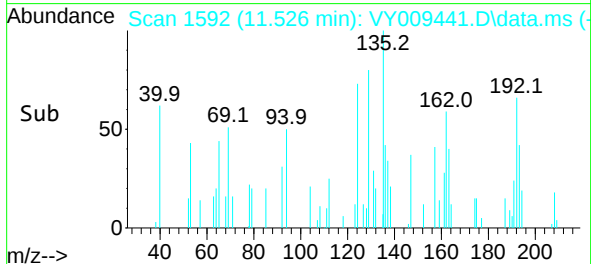
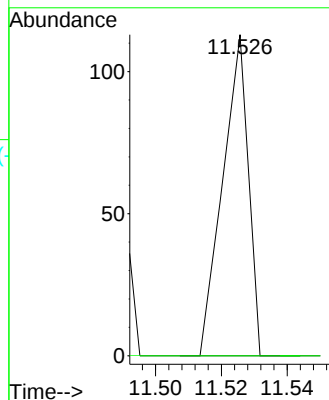
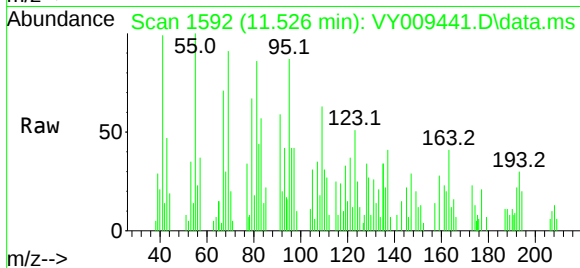
TR-05-07012022RE

Tgt Ion:112 Resp: 61

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#



#66

1,1,1,2-Tetrachloroethane

Concen: 67.149 ug/l

RT: 11.471 min Scan# 1583

Delta R.T. -0.116 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

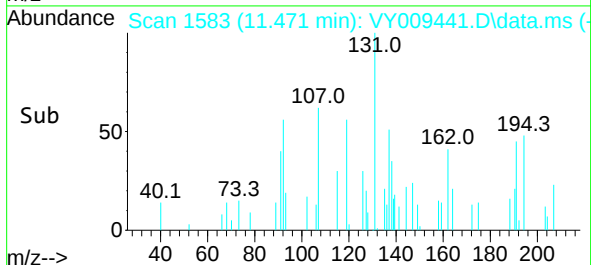
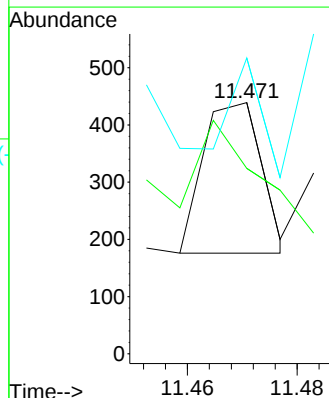
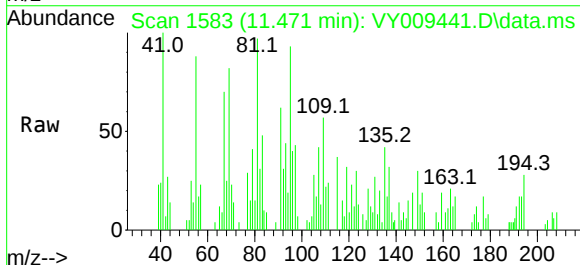
Tgt Ion:131 Resp: 195

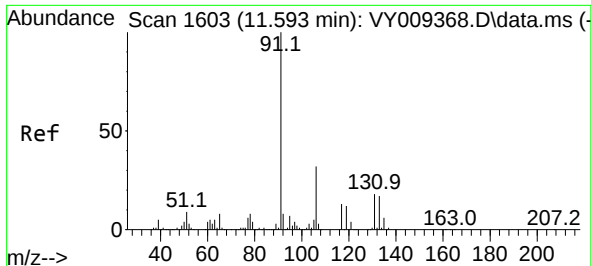
Ion Ratio Lower Upper

131 100

133 117.9 47.9 143.6

119 39.0 30.8 92.3





#67

Ethyl Benzene

Concen: 27.887 ug/l

RT: 11.617 min Scan# 1

Delta R.T. 0.024 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

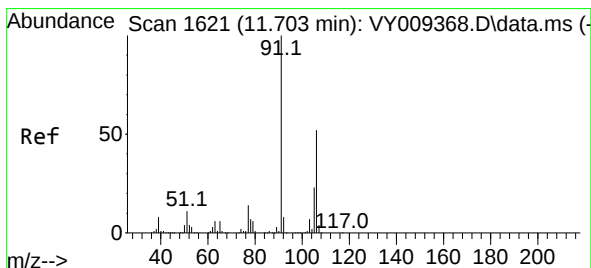
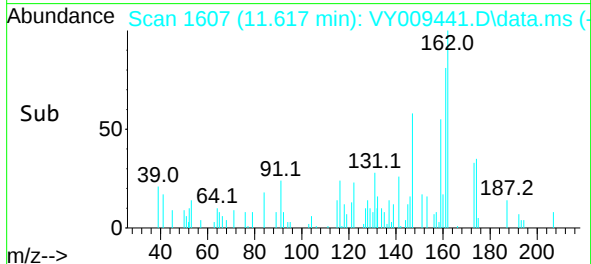
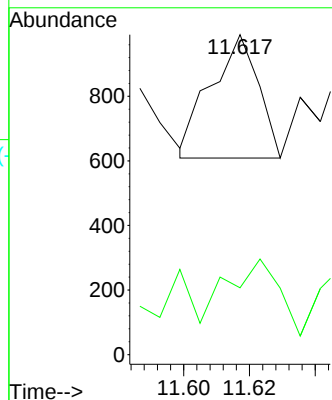
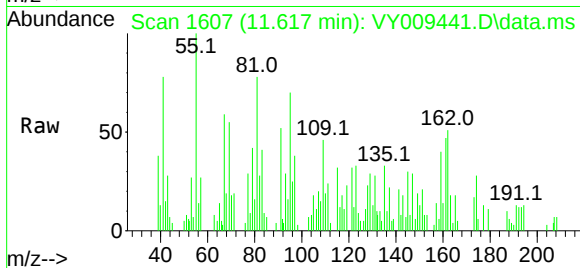
TR-05-07012022RE

Tgt Ion: 91 Resp: 383

Ion Ratio Lower Upper

91 100

106 0.3 24.5 36.7#



#68

m/p-Xylenes

Concen: 53.899 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.024 min

Lab File: VY009441.D

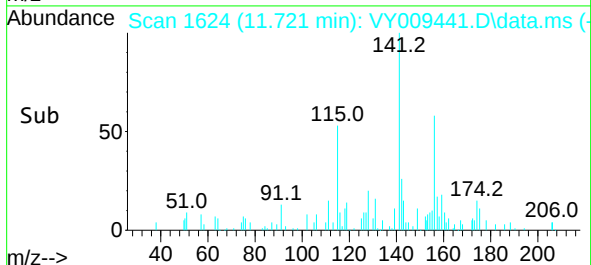
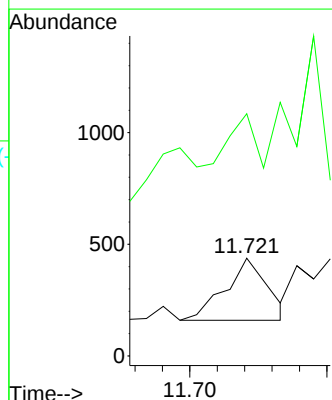
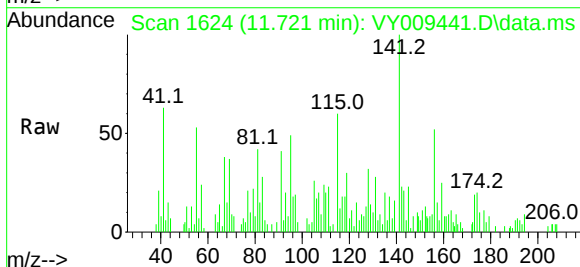
Acq: 05 Jul 2022 16:41

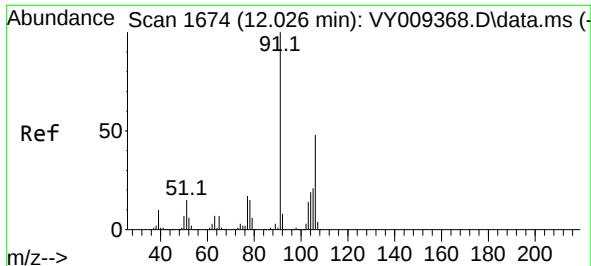
Tgt Ion:106 Resp: 296

Ion Ratio Lower Upper

106 100

91 50.7 166.6 249.8#





#69

o-Xylene

Concen: 82.970 ug/l

RT: 11.812 min Scan# 1

Delta R.T. -0.214 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

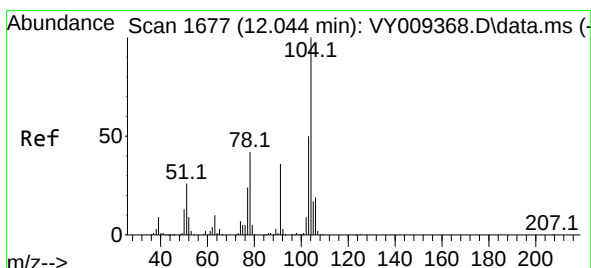
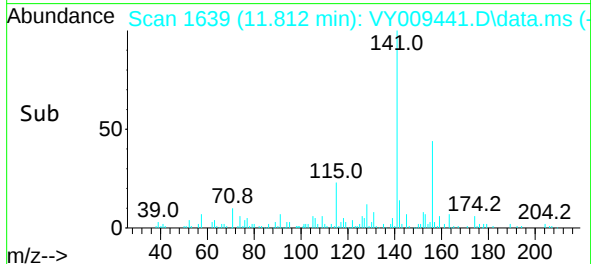
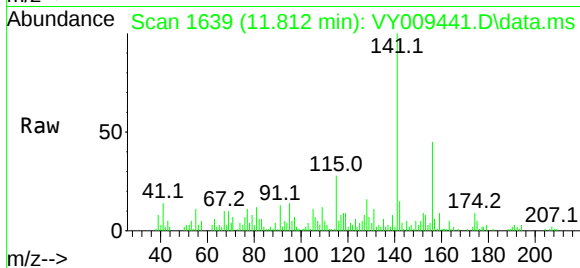
TR-05-07012022RE

Tgt Ion:106 Resp: 430

Ion Ratio Lower Upper

106 100

91 255.3 110.3 331.0



#70

Styrene

Concen: 13.393 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.012 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

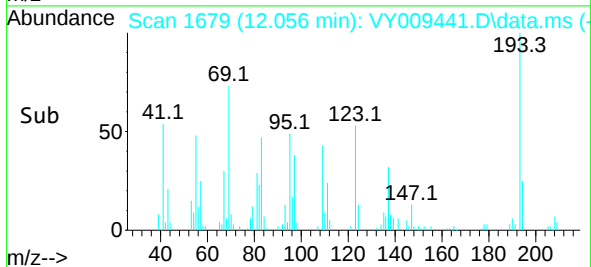
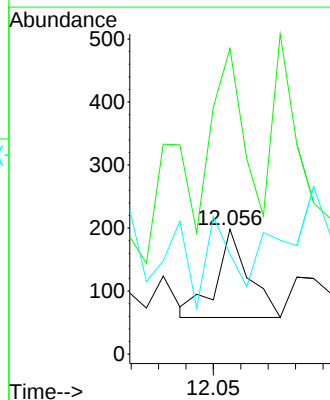
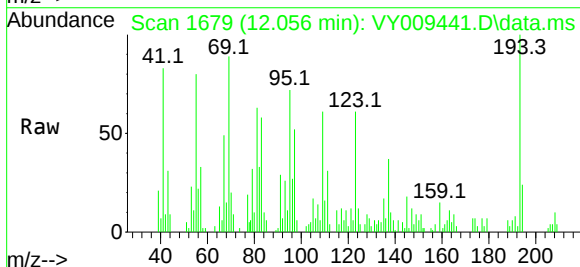
Tgt Ion:104 Resp: 115

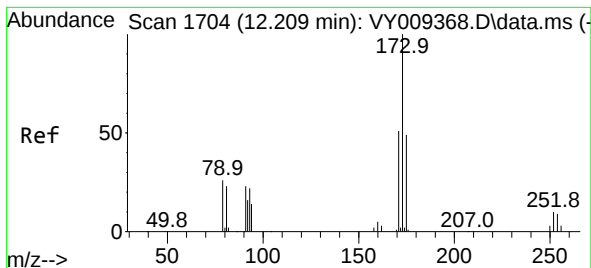
Ion Ratio Lower Upper

104 100

78 400.0 42.4 63.6#

103 0.0 44.4 66.6#





#71

Bromoform

Concen: 140.845 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY009441.D

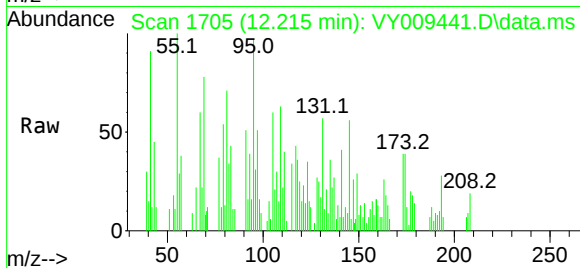
Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE



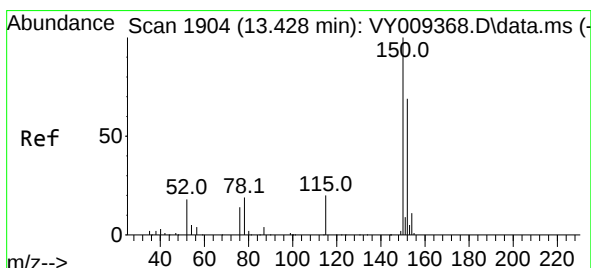
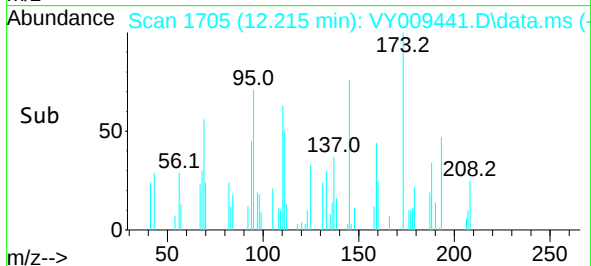
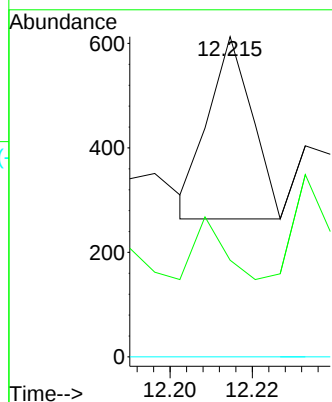
Tgt Ion:173 Resp: 257

Ion Ratio Lower Upper

173 100

175 42.8 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. -0.031 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

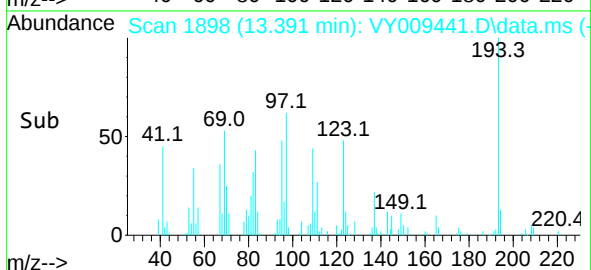
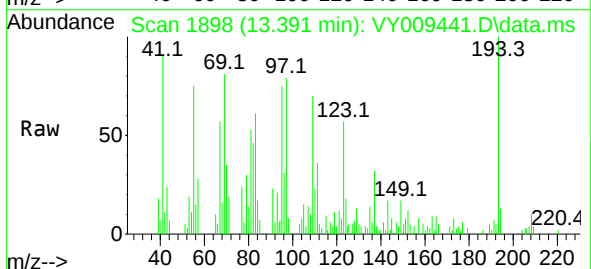
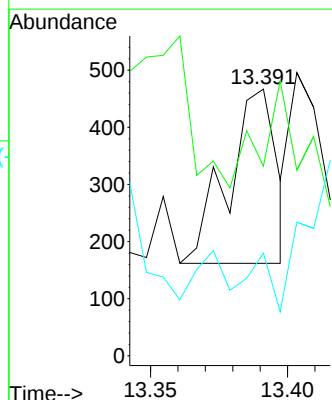
Tgt Ion:152 Resp: 373

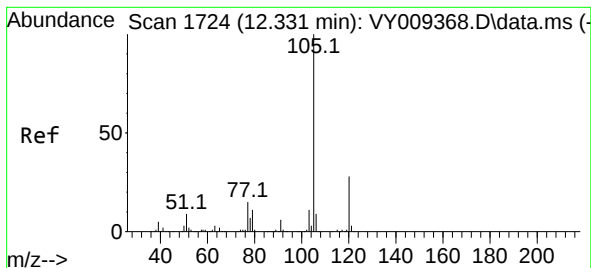
Ion Ratio Lower Upper

152 100

115 60.1 28.2 84.7

150 0.0 0.0 347.6





#73

Isopropylbenzene

Concen: 38.801 ug/l

RT: 12.221 min Scan# 1

Delta R.T. -0.104 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

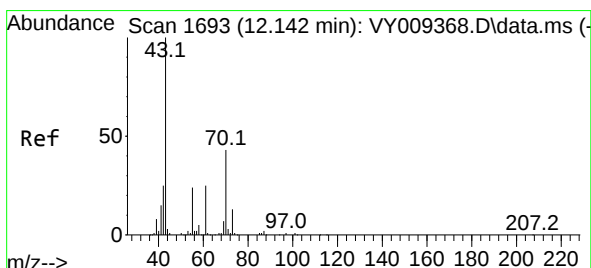
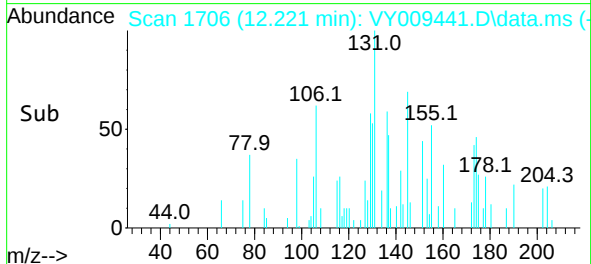
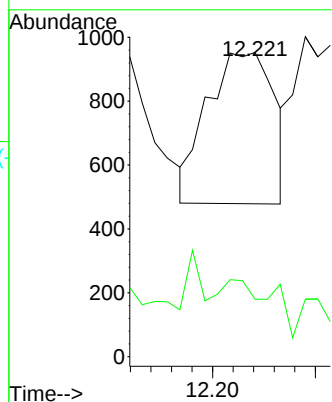
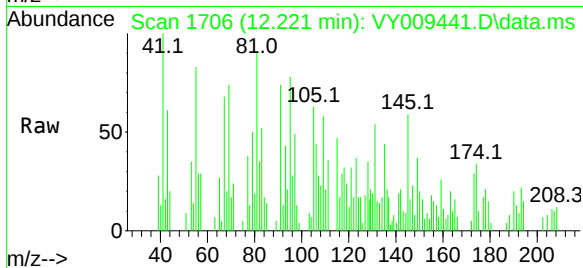
TR-05-07012022RE

Tgt Ion:105 Resp: 1069

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 17.158 ug/l

RT: 12.178 min Scan# 1699

Delta R.T. 0.036 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Tgt Ion: 43 Resp: 124

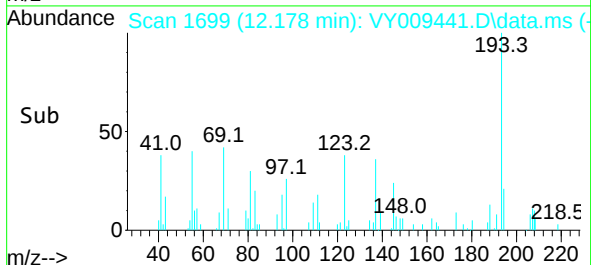
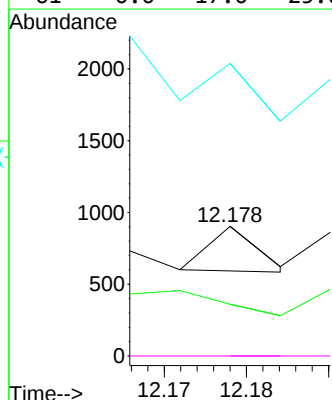
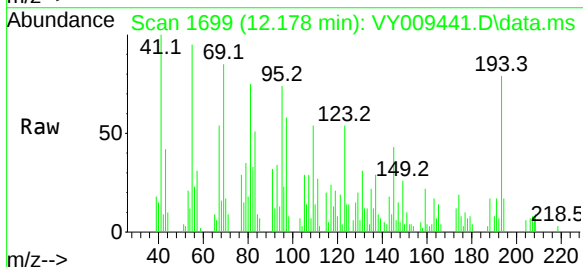
Ion Ratio Lower Upper

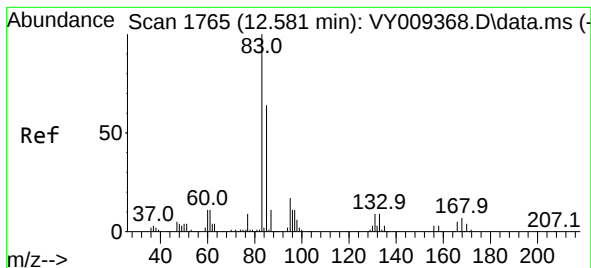
43 100

70 0.0 28.7 43.1#

55 0.0 17.3 25.9#

61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 130.977 ug/l

RT: 12.593 min Scan# 1761

Delta R.T. 0.012 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE

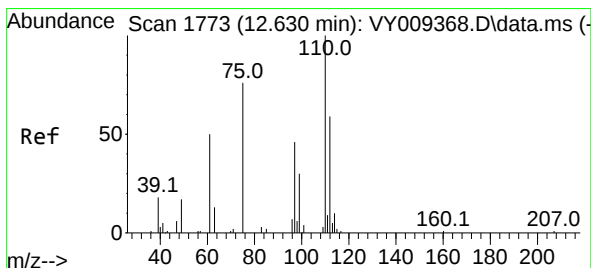
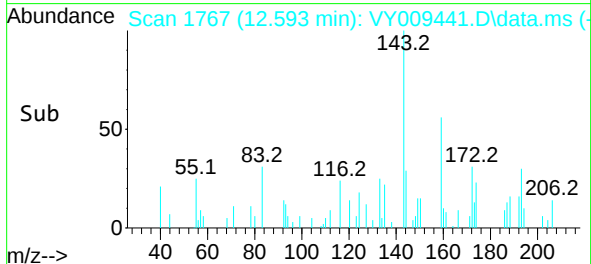
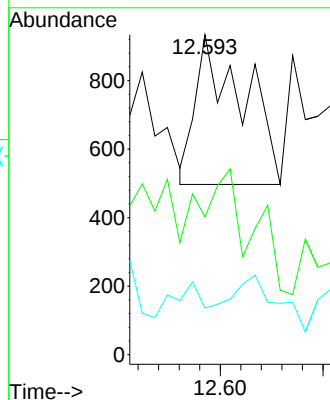
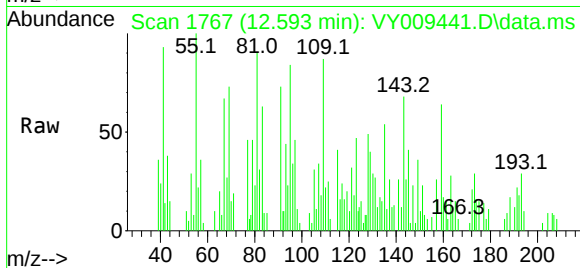
Tgt Ion: 83 Resp: 699

Ion Ratio Lower Upper

83 100

131 62.7 5.6 16.8#

85 15.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 12.820 ug/l

RT: 12.556 min Scan# 1761

Delta R.T. -0.074 min

Lab File: VY009441.D

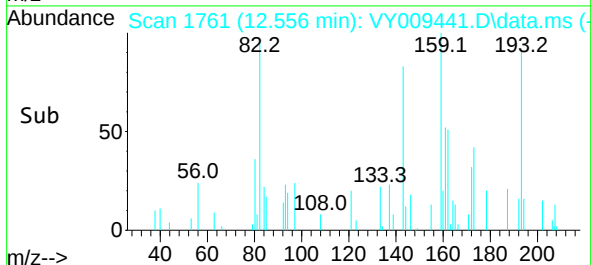
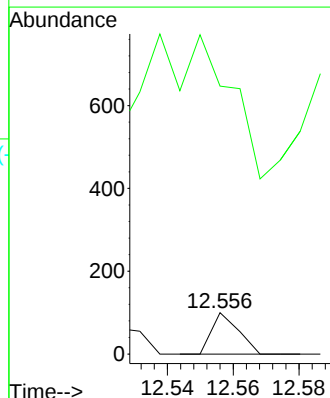
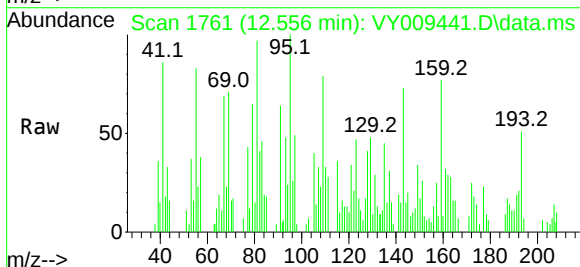
Acq: 05 Jul 2022 16:41

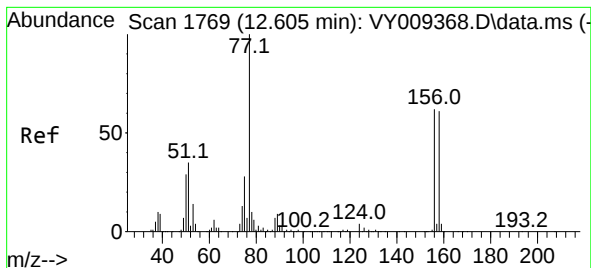
Tgt Ion: 75 Resp: 56

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21759.576 ug/l

RT: 12.367 min Scan# 1

Delta R.T. -0.238 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE

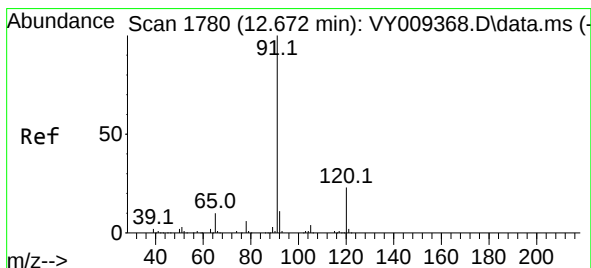
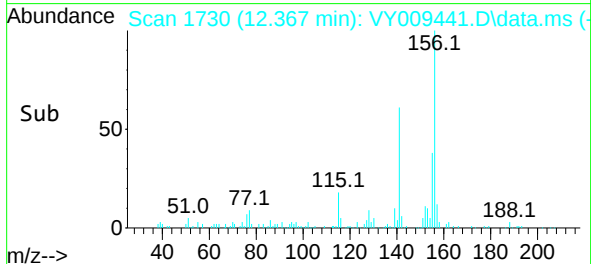
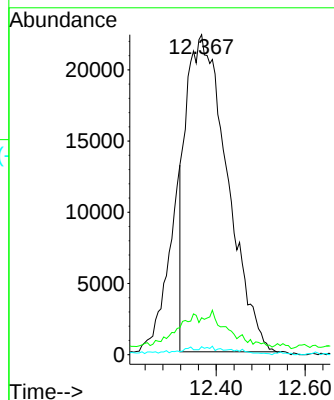
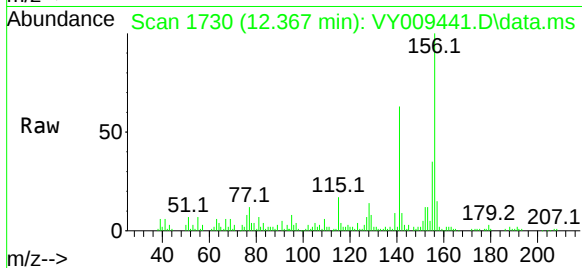
Tgt Ion:156 Resp: 142908

Ion Ratio Lower Upper

156 100

77 0.0 95.5 286.4#

158 0.1 48.0 144.0#



#78

n-propylbenzene

Concen: 16.173 ug/l

RT: 12.702 min Scan# 1785

Delta R.T. 0.030 min

Lab File: VY009441.D

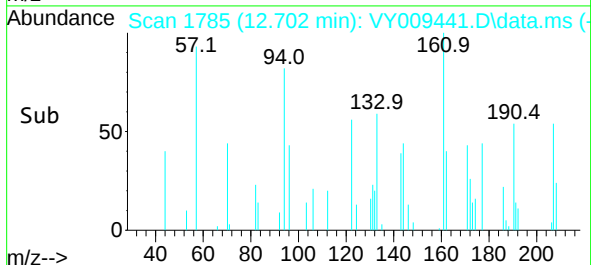
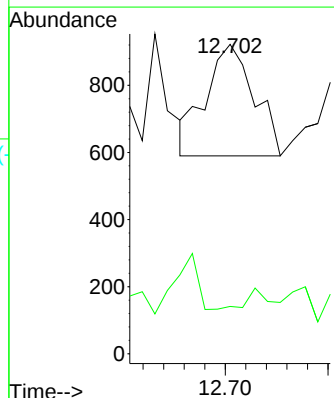
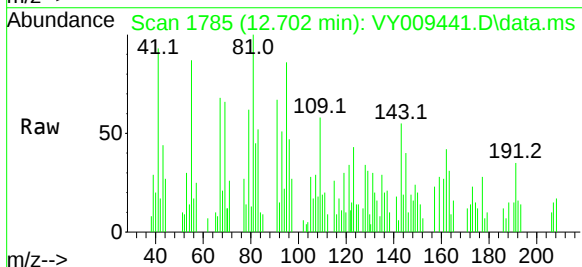
Acq: 05 Jul 2022 16:41

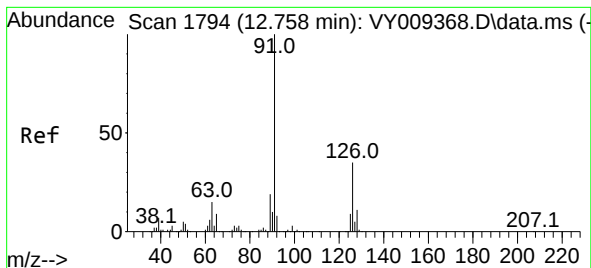
Tgt Ion: 91 Resp: 542

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 5.603 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

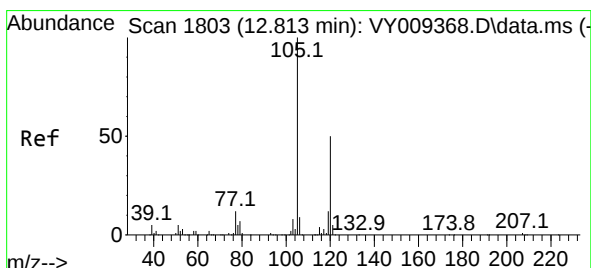
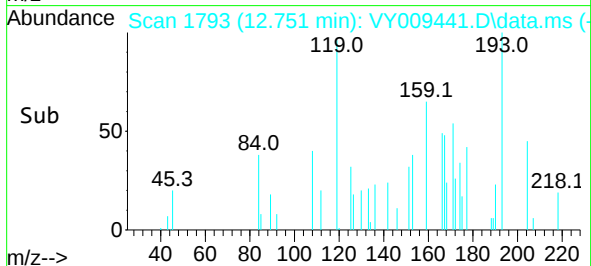
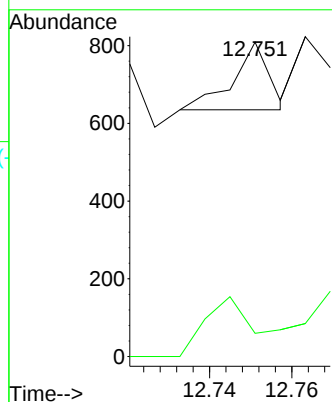
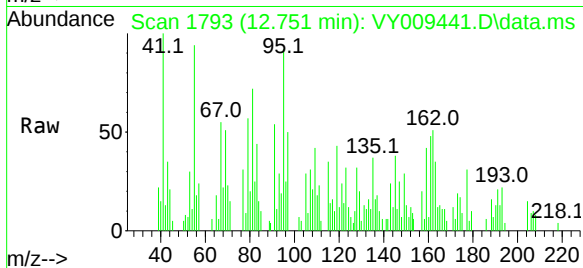
TR-05-07012022RE

Tgt Ion: 91 Resp: 106

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 12.631 ug/l

RT: 12.721 min Scan# 1788

Delta R.T. -0.091 min

Lab File: VY009441.D

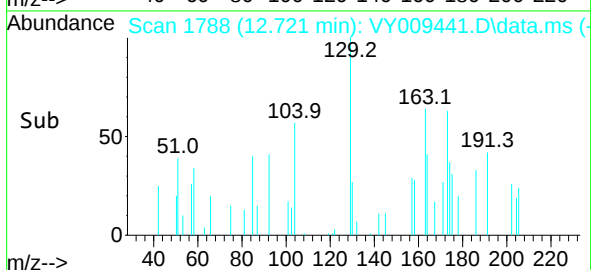
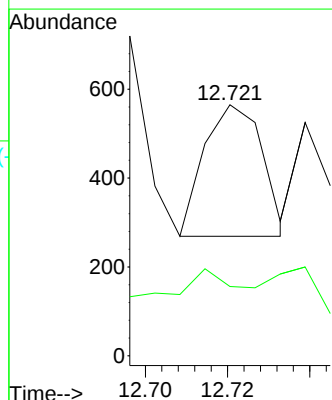
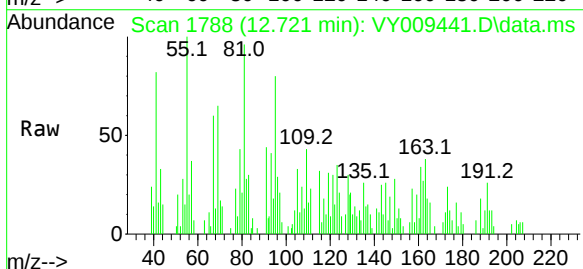
Acq: 05 Jul 2022 16:41

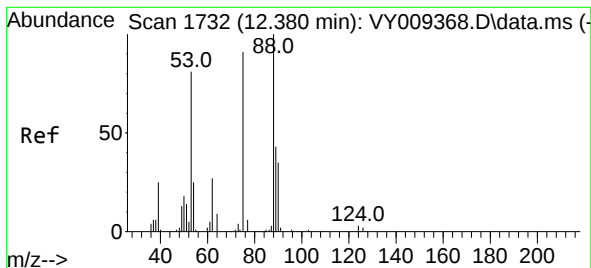
Tgt Ion: 105 Resp: 291

Ion Ratio Lower Upper

105 100

120 44.3 24.4 73.4

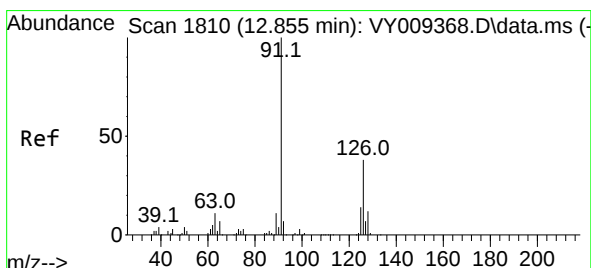
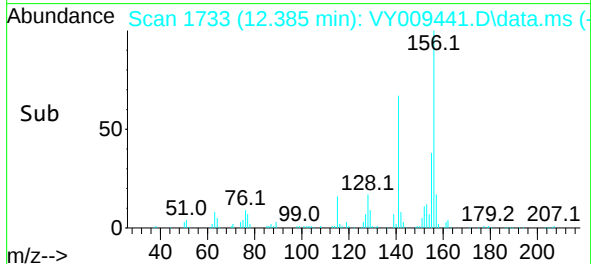
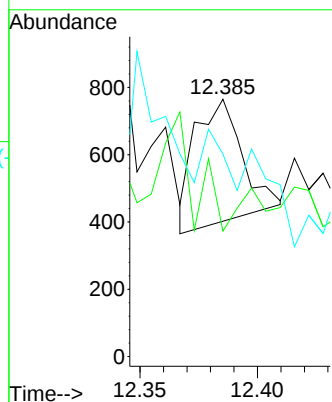
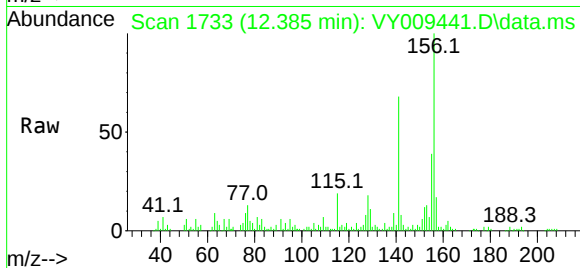




#81
trans-1,4-Dichloro-2-butene
Concen: 264.029 ug/l
RT: 12.385 min Scan# 11
Delta R.T. 0.011 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

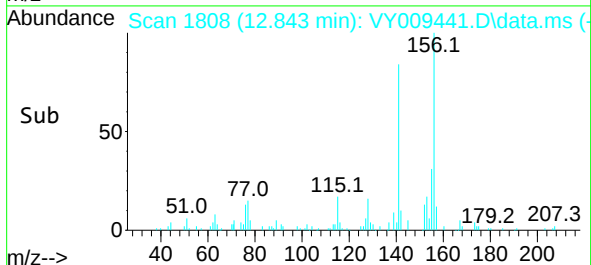
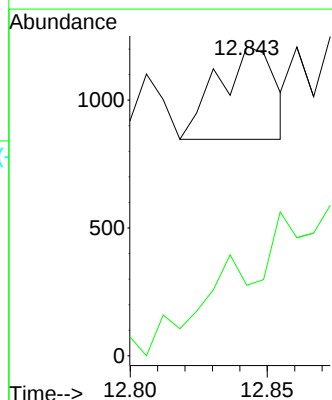
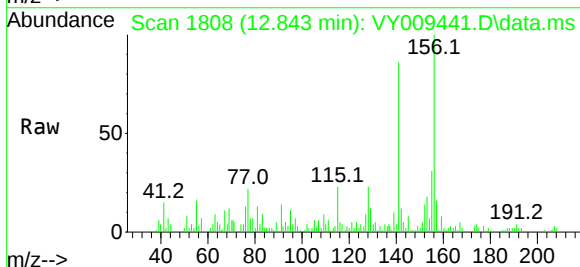
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

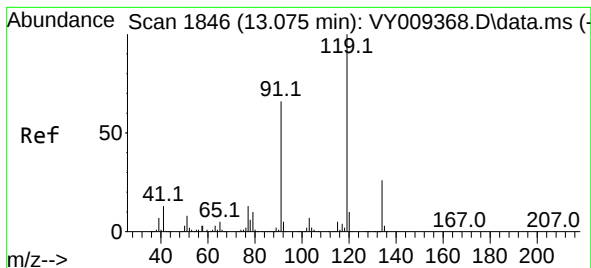
Tgt Ion: 75 Resp: 518
Ion Ratio Lower Upper
75 100
53 43.8 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 26.655 ug/l
RT: 12.843 min Scan# 1808
Delta R.T. -0.012 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion: 91 Resp: 524
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#





#83

tert-Butylbenzene

Concen: 31.203 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

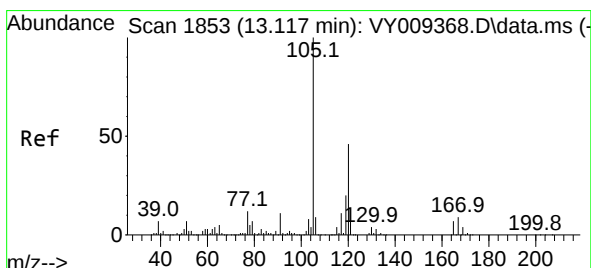
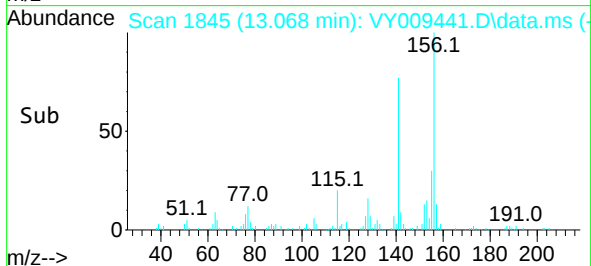
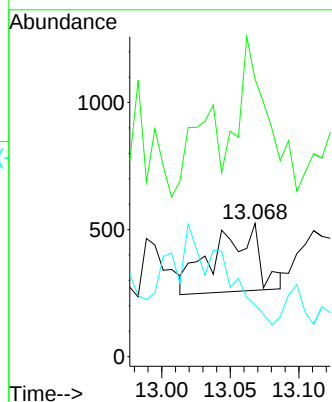
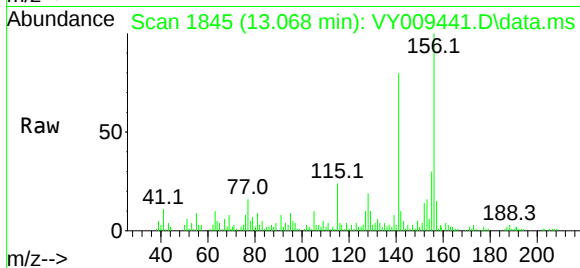
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE

Tgt Ion:119	Resp:	604
Ion	Ratio	Lower Upper
119	100	
91	146.2	34.8 104.4#
134	0.0	13.3 39.9#



#84

1,2,4-Trimethylbenzene

Concen: 7.673 ug/l

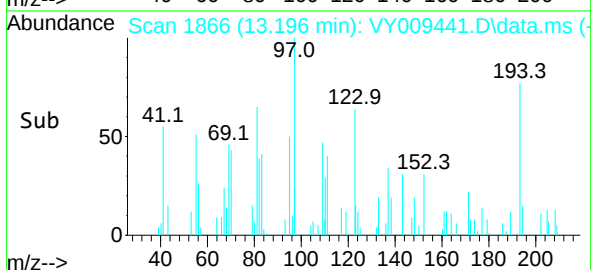
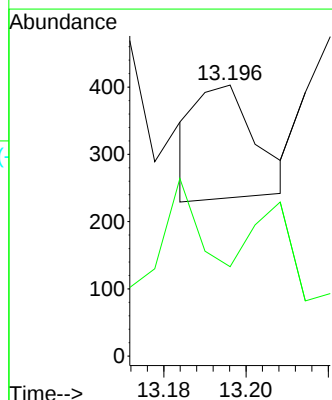
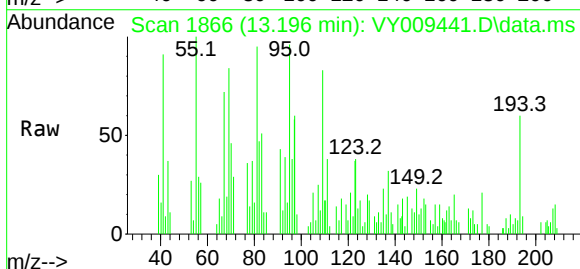
RT: 13.196 min Scan# 1866

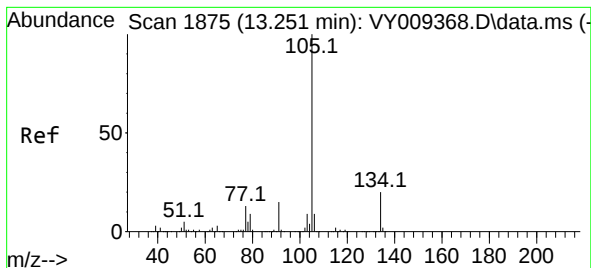
Delta R.T. 0.079 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Tgt Ion:105	Resp:	168
Ion	Ratio	Lower Upper
105	100	
120	50.6	22.3 66.9





#85

sec-Butylbenzene

Concen: 11.730 ug/l

RT: 13.306 min Scan# 1884

Delta R.T. 0.055 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

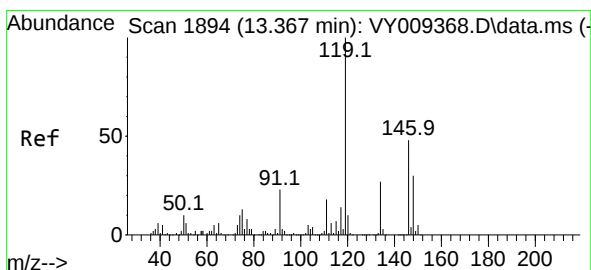
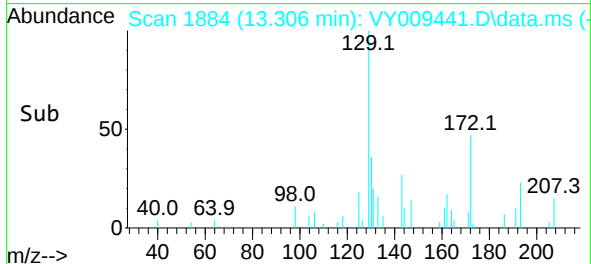
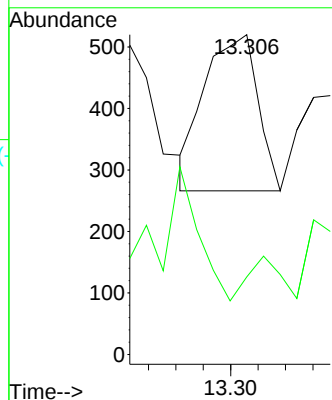
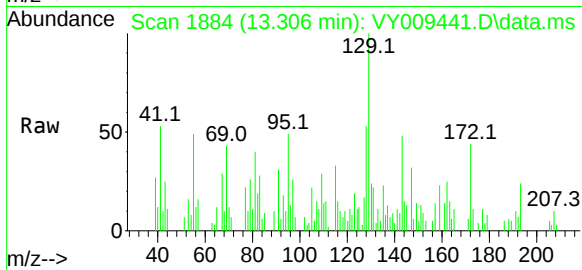
TR-05-07012022RE

Tgt Ion:105 Resp: 342

Ion Ratio Lower Upper

105 100

134 17.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 6.404 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

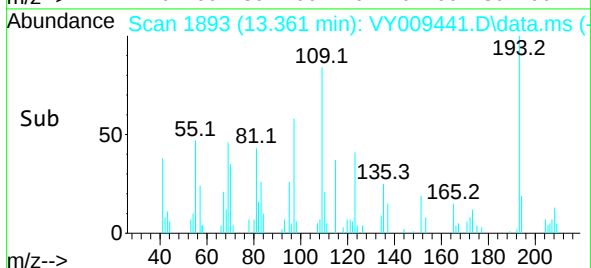
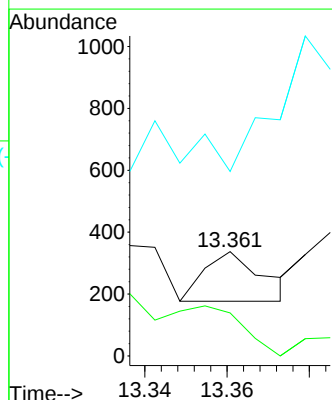
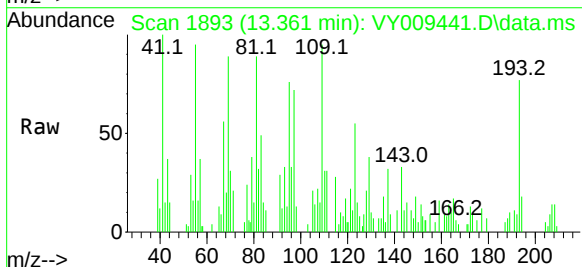
Tgt Ion:119 Resp: 157

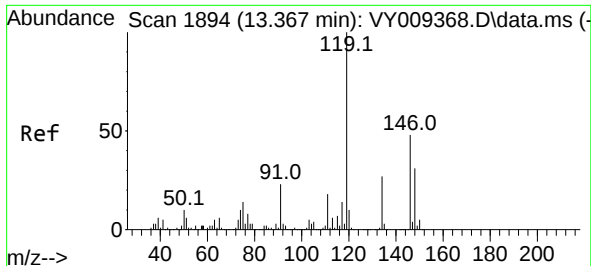
Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

91 0.0 12.4 37.2#

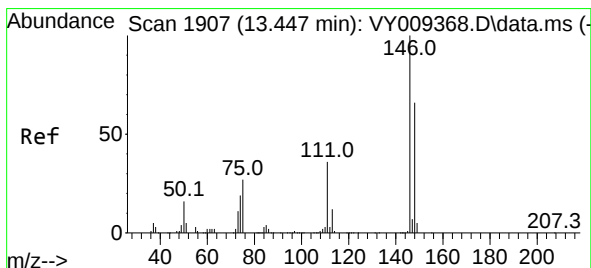
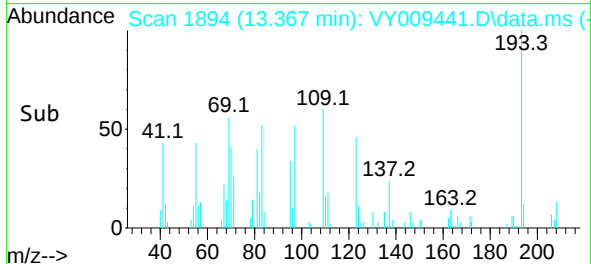
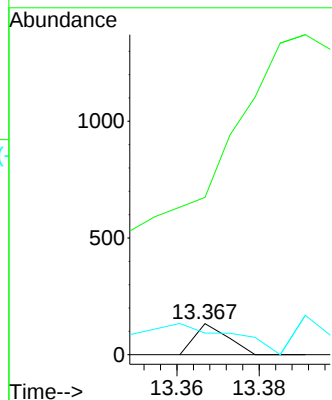
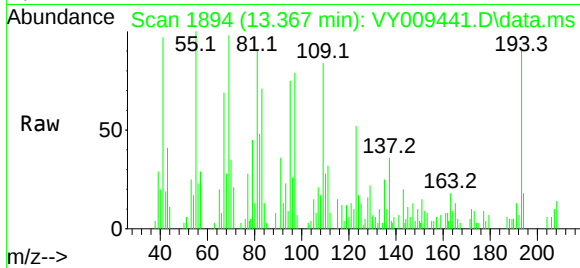




#87
1,3-Dichlorobenzene
Concen: 5.703 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

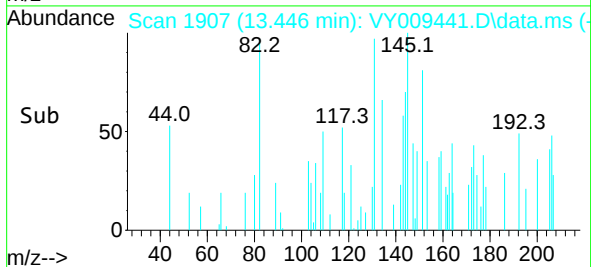
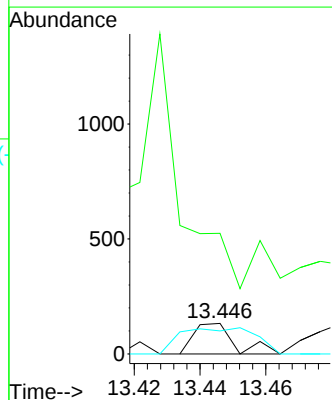
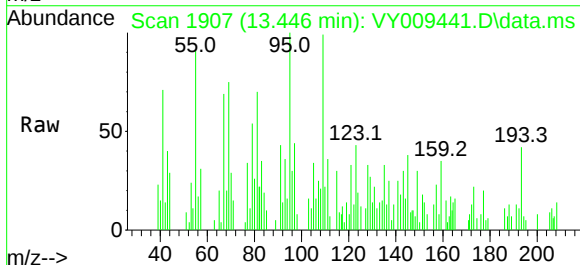
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07012022RE

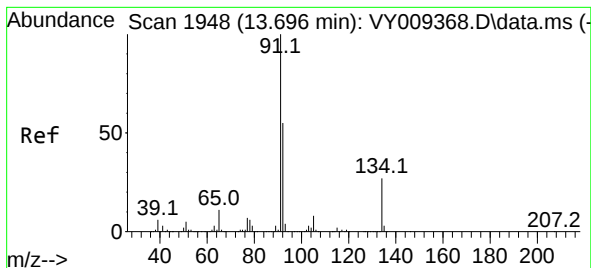
Tgt Ion:146 Resp: 74
Ion Ratio Lower Upper
146 100
111 0.0 19.5 58.5#
148 291.9 31.6 95.0#



#88
1,4-Dichlorobenzene
Concen: 8.613 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY009441.D
Acq: 05 Jul 2022 16:41

Tgt Ion:146 Resp: 115
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.8#
148 156.5 32.6 97.8#





#89

n-Butylbenzene

Concen: 13.805 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

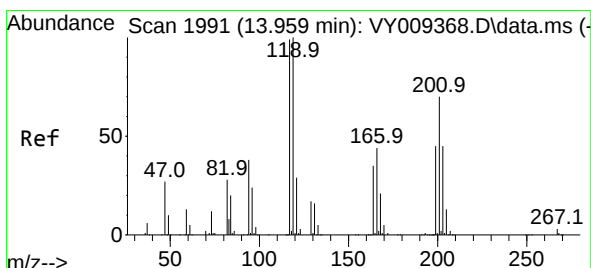
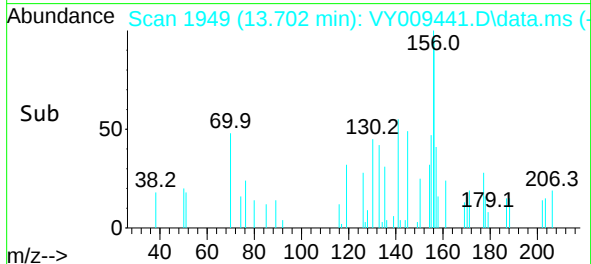
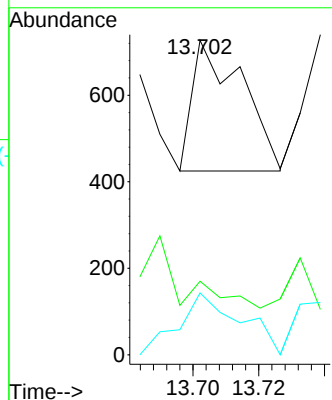
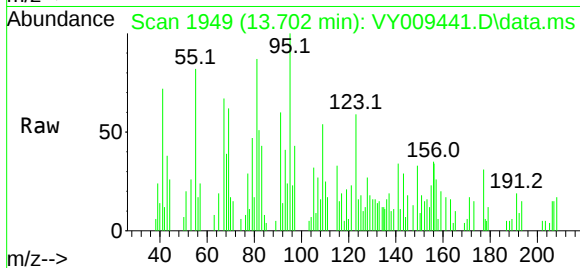
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE

Tgt Ion: 91	Resp:	318
Ion Ratio	Lower	Upper
91	100	
92	0.0	26.3
134	58.8	13.0



#90

Hexachloroethane

Concen: 58.632 ug/l

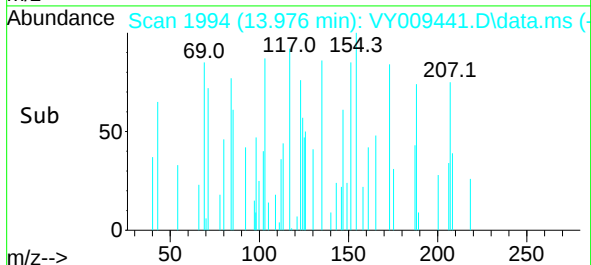
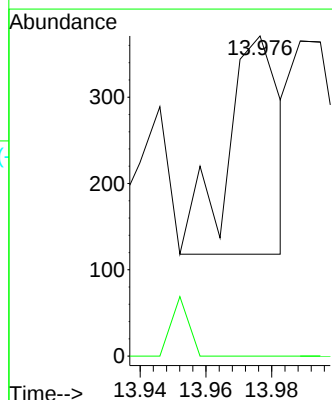
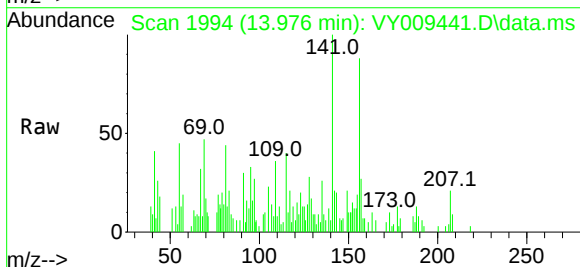
RT: 13.976 min Scan# 1994

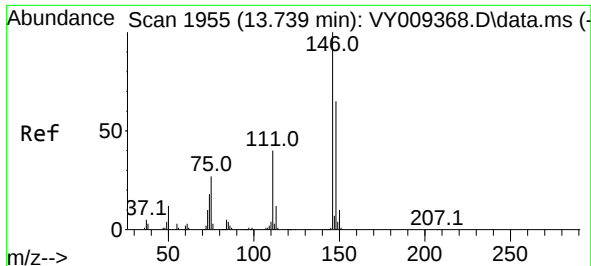
Delta R.T. 0.017 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Tgt Ion: 117	Resp:	285
Ion Ratio	Lower	Upper
117	100	
201	0.0	43.0





#91

1,2-Dichlorobenzene

Concen: 21.074 ug/l

RT: 13.763 min Scan# 1959

Delta R.T. 0.024 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE

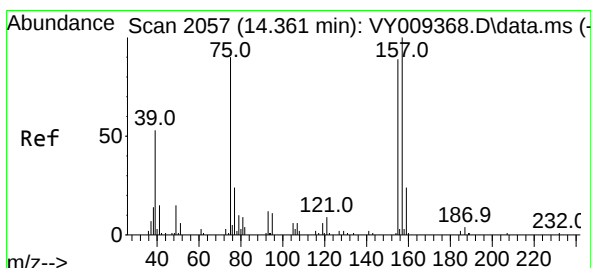
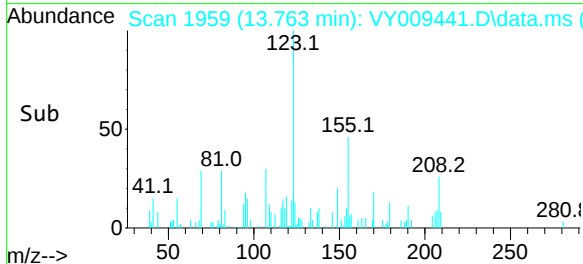
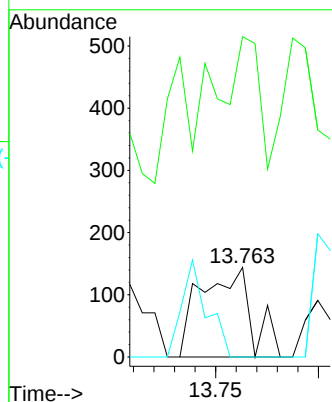
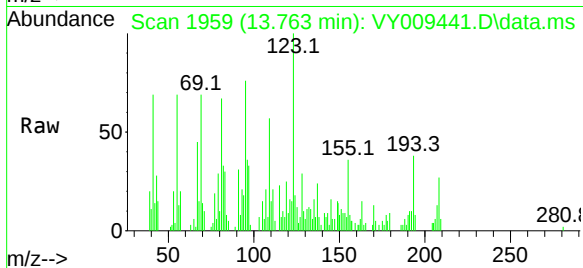
Tgt Ion:146 Resp: 248

Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

148 0.0 32.3 96.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.430 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.012 min

Lab File: VY009441.D

Acq: 05 Jul 2022 16:41

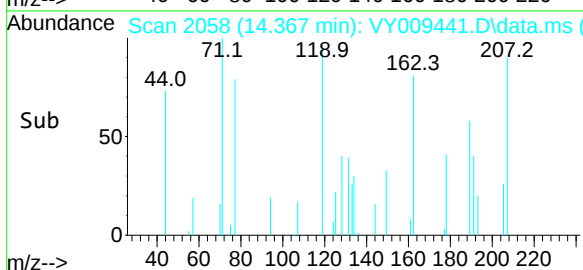
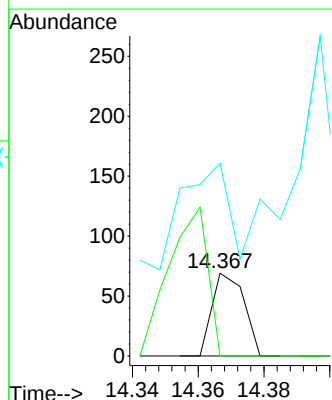
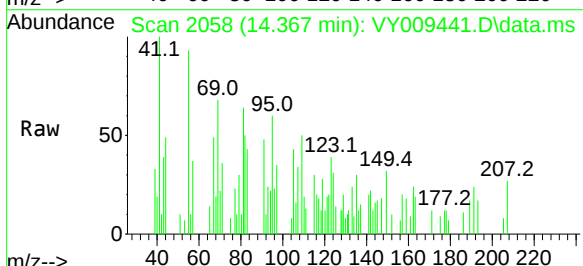
Tgt Ion: 75 Resp: 46

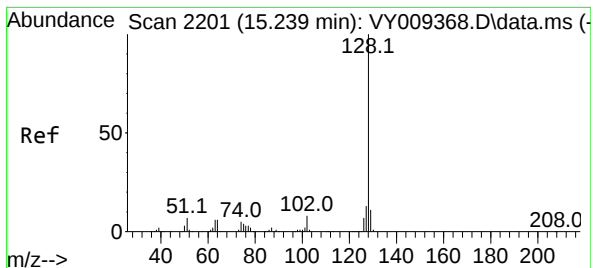
Ion Ratio Lower Upper

75 100

155 221.7 38.0 113.9#

157 217.4 47.8 143.3#





#95

Naphthalene

Concen: 10.510 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY009441.D

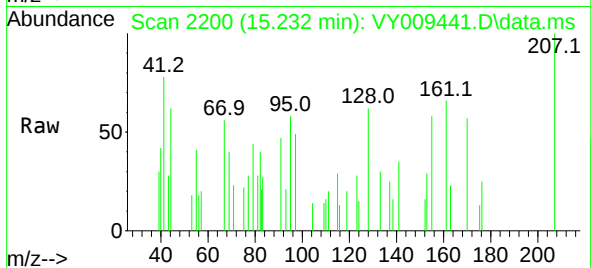
Acq: 05 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07012022RE



Tgt Ion:128 Resp: 147

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

