

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007924.D
 Acq On : 19 Mar 2022 01:16
 Operator : SY/MD
 Sample : N1958-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-4-3-4

Quant Time: Mar 21 03:17:50 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	5473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3800	60.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.800%	
35) Dibromofluoromethane	7.710	113	2679	39.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.400%	
50) Toluene-d8	10.179	98	11585	57.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.560%	
62) 4-Bromofluorobenzene	12.477	95	3786	39.095	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.180%	

Target Compounds						Qvalue
3) Chloromethane	2.113	50	395	3.445	ug/l #	83
4) Vinyl Chloride	2.272	62	485	5.361	ug/l #	43
5) Bromomethane	2.680	94	247	1.194	ug/l	92
10) Methyl Iodide	4.095	142	447	7.461	ug/l #	42
12) 1,1-Dichloroethene	3.875	96	580	9.760	ug/l #	1
13) Acrolein	3.741	56	21	4.796	ug/l #	1
14) Allyl chloride	4.503	41	165	1.651	ug/l #	55
15) Acrylonitrile	5.198	53	57	2.872	ug/l #	17
16) Acetone	3.936	43	313	18.907	ug/l #	47
20) Methylene Chloride	4.710	84	580	4.860	ug/l #	84
21) trans-1,2-Dichloroethene	5.204	96	176	2.645	ug/l #	1
25) 2-Butanone	6.984	43	253	9.541	ug/l #	54
27) cis-1,2-Dichloroethene	6.984	96	310	3.882	ug/l #	1
29) Tetrahydrofuran	7.332	42	213	12.537	ug/l #	38
31) Cyclohexane	7.771	56	34	Below Cal	#	16
37) Ethyl Acetate	7.070	43	95	1.556	ug/l #	72
38) Carbon Tetrachloride	7.783	117	495	4.629	ug/l #	11
41) Methacrylonitrile	7.265	41	218	5.789	ug/l #	82
43) Isopropyl Acetate	8.258	43	130	1.104	ug/l #	56
51) 4-Methyl-2-Pentanone	10.081	43	89	1.435	ug/l #	40
59) 2-Hexanone	10.837	43	160	3.607	ug/l	75
67) Ethyl Benzene	11.587	91	1123	3.043	ug/l #	74
68) m/p-Xylenes	11.709	106	354	2.459	ug/l	73
69) o-Xylene	12.032	106	455	3.267	ug/l	76
74) N-amyl acetate	12.111	43	519	7.975	ug/l #	59
76) 1,2,3-Trichloropropane	12.483	75	1845	51.653	ug/l #	100
77) Bromobenzene	12.367	156	61	1.210	ug/l #	16
78) n-propylbenzene	12.660	91	318	1.194	ug/l	88
80) 1,3,5-Trimethylbenzene	12.812	105	506	2.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1845	108.493	ug/l #	7
82) 4-Chlorotoluene	12.849	91	161	1.034	ug/l #	41
83) tert-Butylbenzene	13.075	119	291	1.793	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.123	105	452	2.542	ug/l	85
86) p-Isopropyltoluene	13.367	119	270	1.367	ug/l #	74
87) 1,3-Dichlorobenzene	13.367	146	104	1.056	ug/l #	38
88) 1,4-Dichlorobenzene	13.447	146	125	1.267	ug/l #	38

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Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

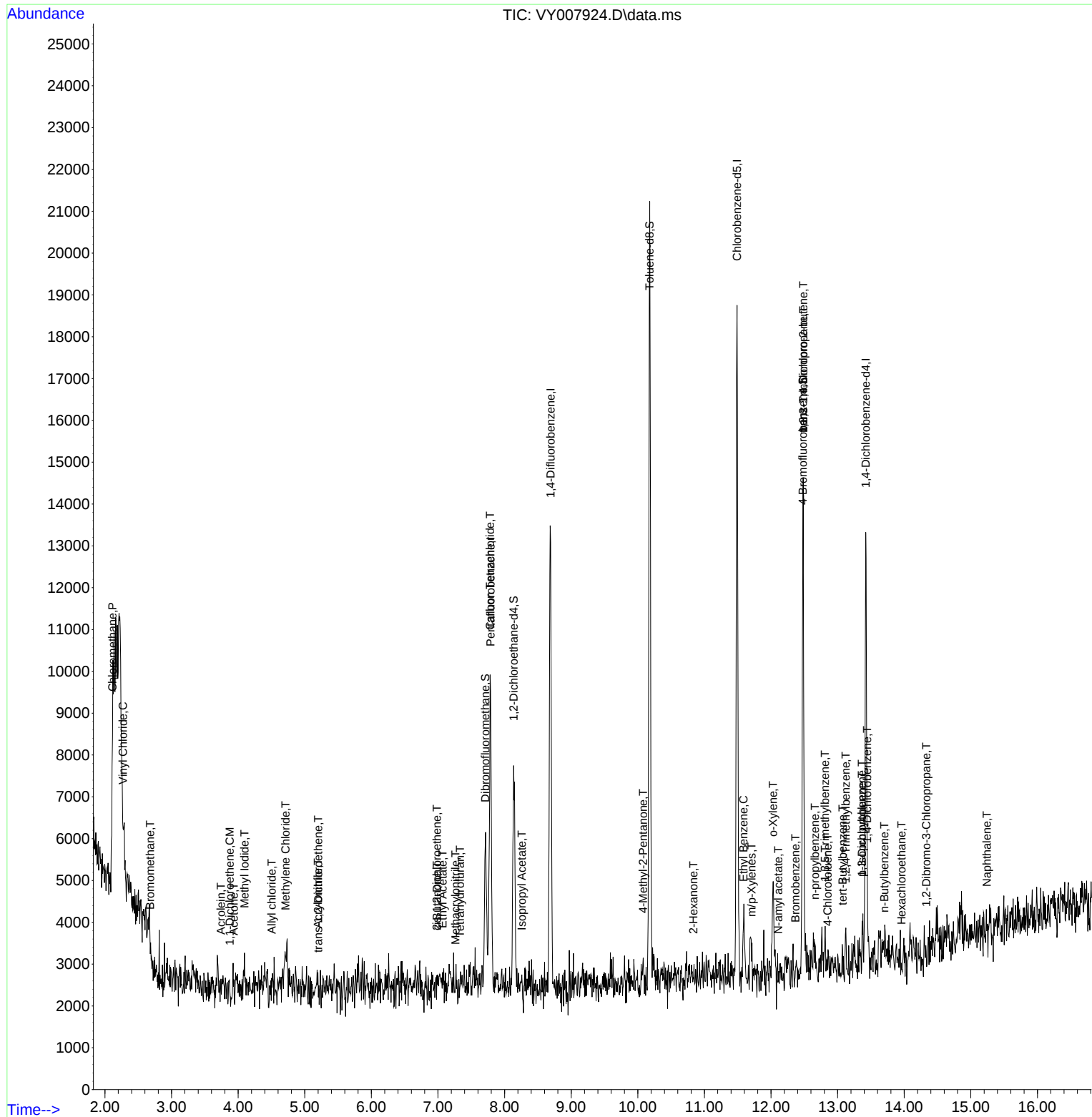
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.703	91	213	1.124	ug/l #	53
90) Hexachloroethane	13.959	117	64	1.624	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.330	75	27	3.305	ug/l #	6
95) Naphthalene	15.239	128	280	2.242	ug/l #	69

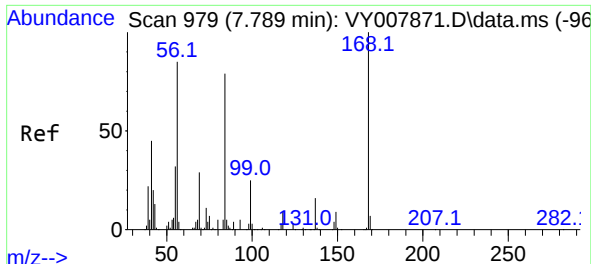
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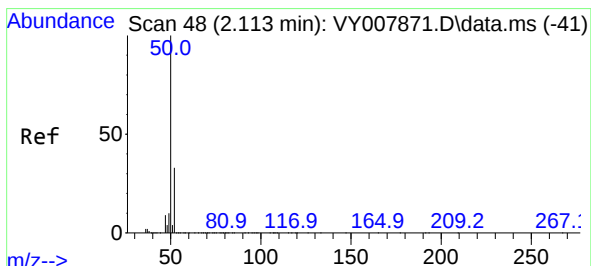
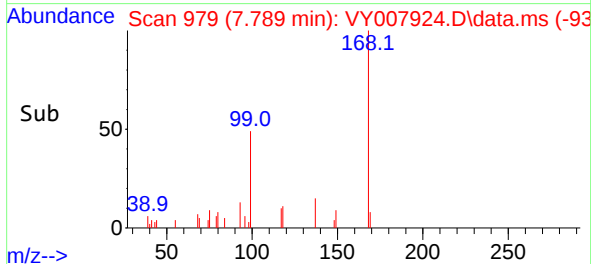
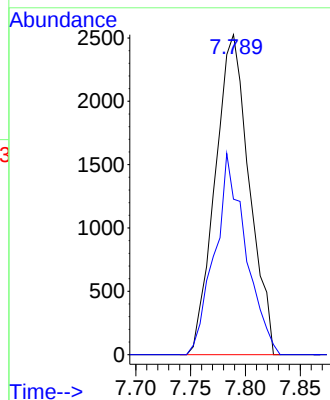
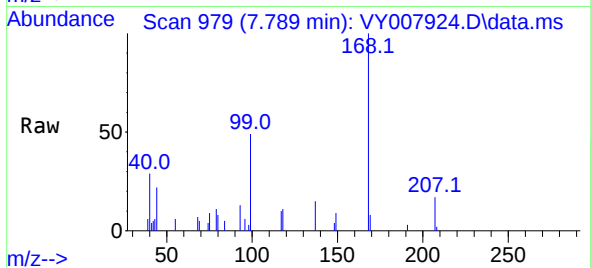




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

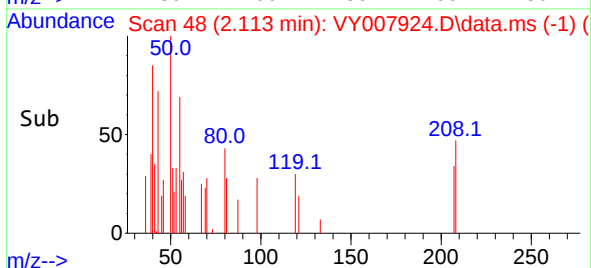
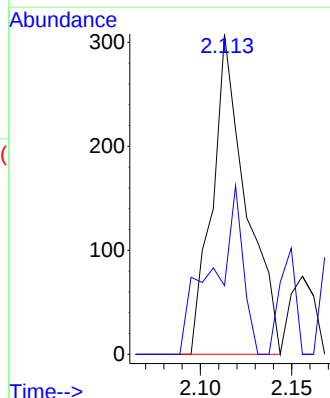
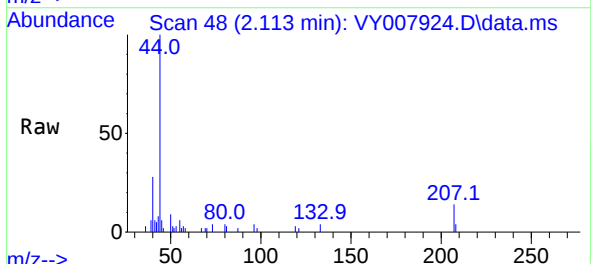
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

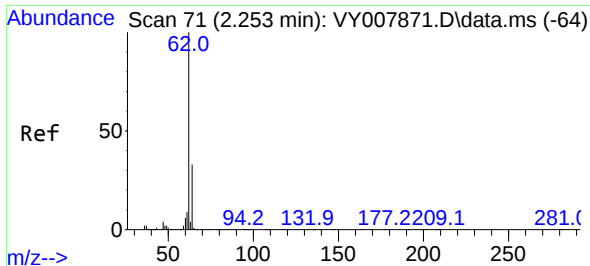
Tgt Ion:168 Resp: 5473
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#3
Chloromethane
Concen: 3.445 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 21.4 24.6 37.0

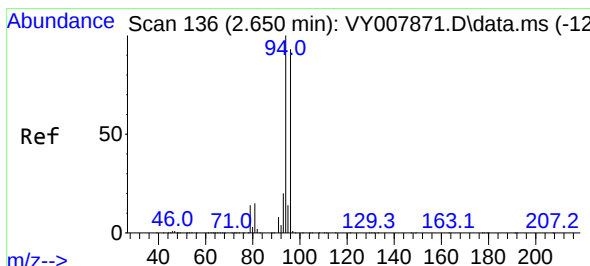
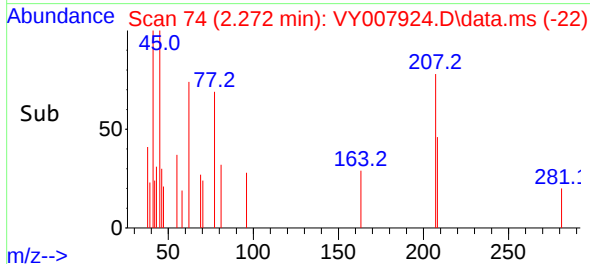
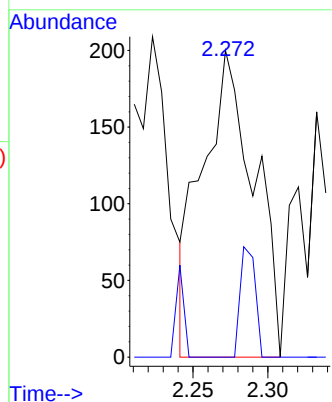
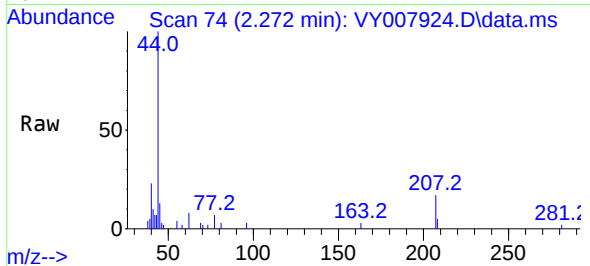




#4
 Vinyl Chloride
 Concen: 5.361 ug/l
 RT: 2.272 min Scan# 74
 Delta R.T. 0.018 min
 Lab File: VY007924.D
 Acq: 19 Mar 2022 01:16

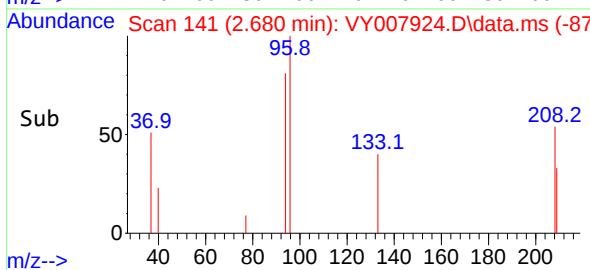
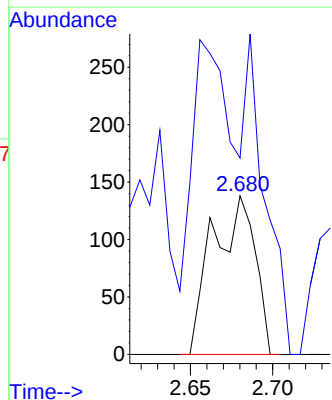
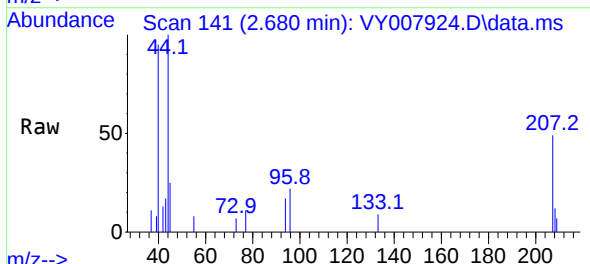
Instrument :
 MSVOA_Y
 ClientSampleId :
 C-4-3-4

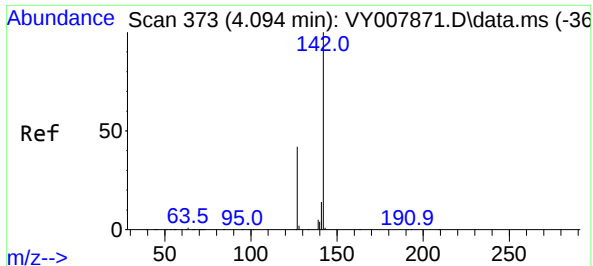
Tgt Ion: 62 Resp: 485
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 1.194 ug/l
 RT: 2.680 min Scan# 141
 Delta R.T. 0.030 min
 Lab File: VY007924.D
 Acq: 19 Mar 2022 01:16

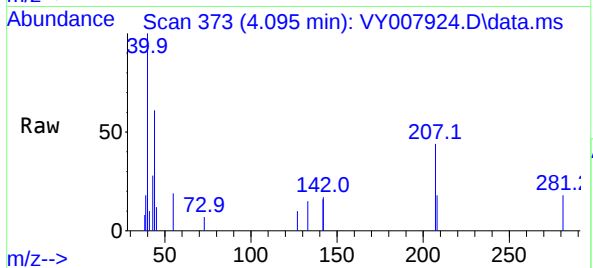
Tgt Ion: 94 Resp: 247
 Ion Ratio Lower Upper
 94 100
 96 84.1 73.5 110.3



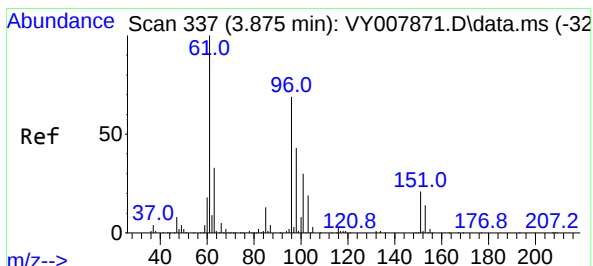
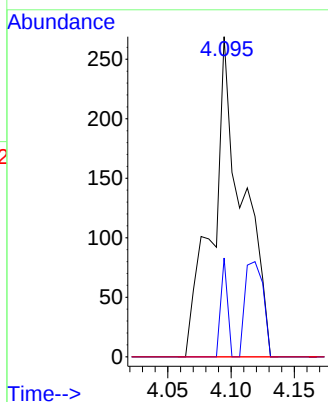
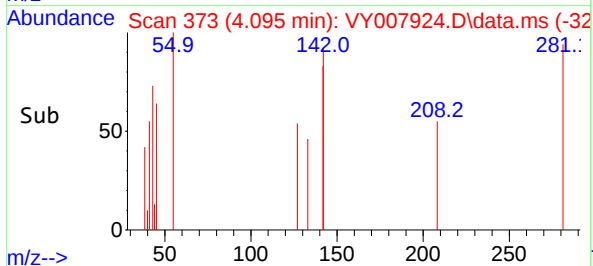


#10
Methyl Iodide
Concen: 7.461 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

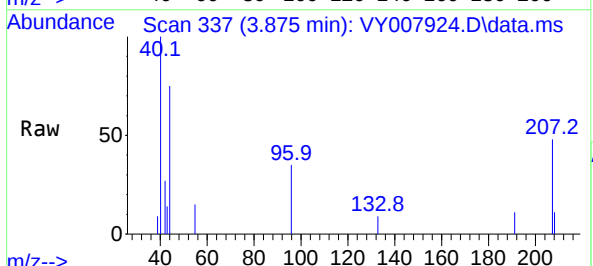
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4



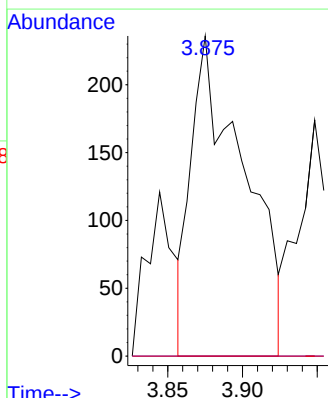
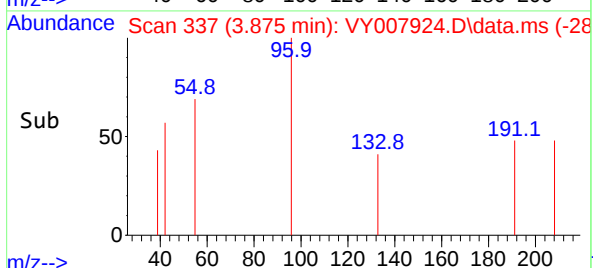
Tgt Ion:142 Resp: 447
Ion Ratio Lower Upper
142 100
127 6.7 41.5 62.3#
141 0.0 11.9 17.9#

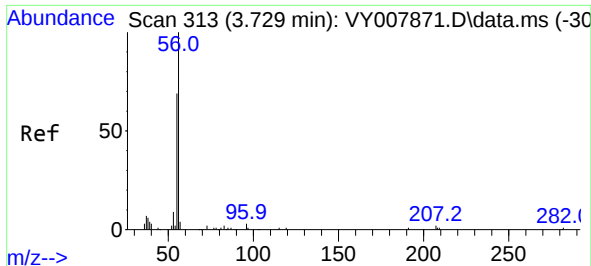


#12
1,1-Dichloroethene
Concen: 9.760 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16



Tgt Ion: 96 Resp: 580
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#

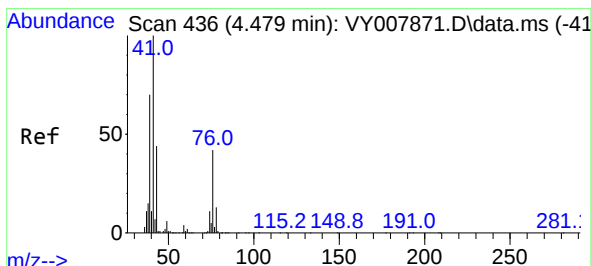
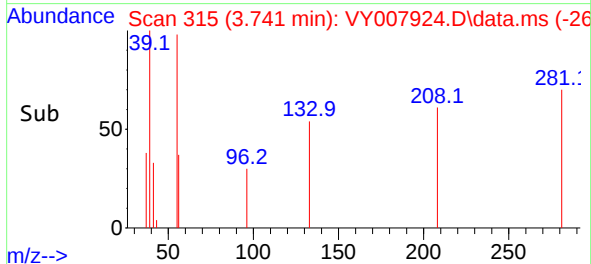
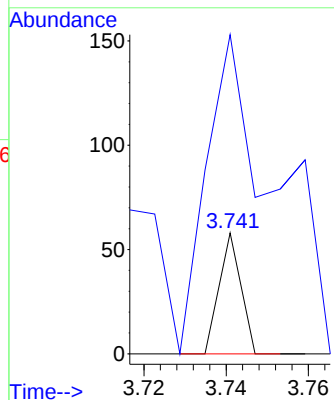
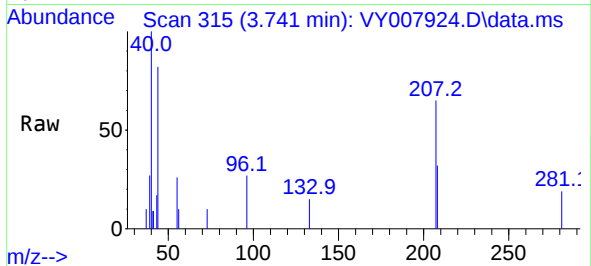




#13
Acrolein
Concen: 4.796 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

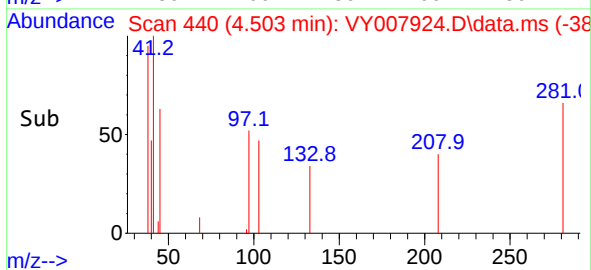
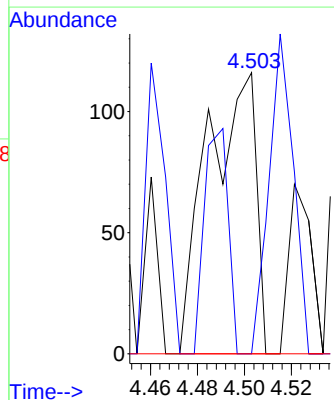
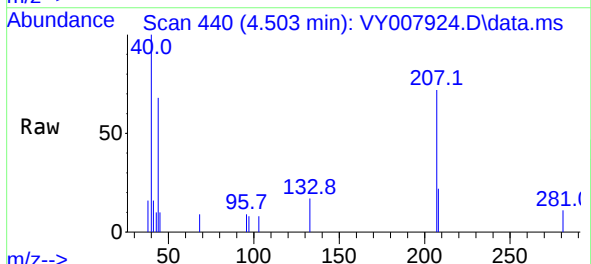
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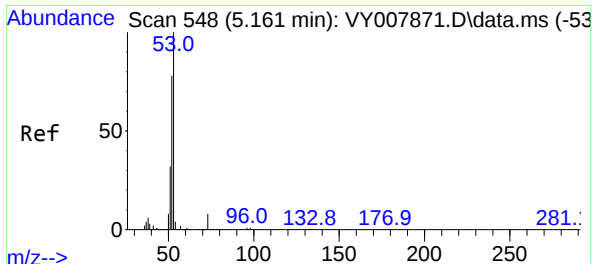
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 1090.5 57.6 86.4#



#14
Allyl chloride
Concen: 1.651 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.024 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 41 Resp: 165
Ion Ratio Lower Upper
41 100
39 39.4 58.8 88.2#
76 0.0 25.1 37.7#

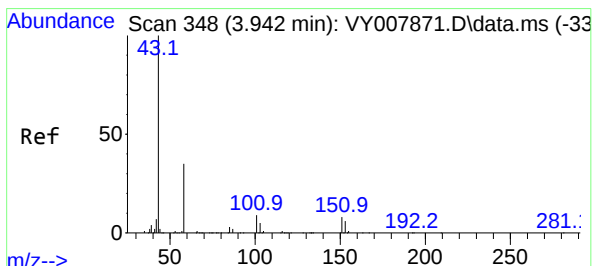
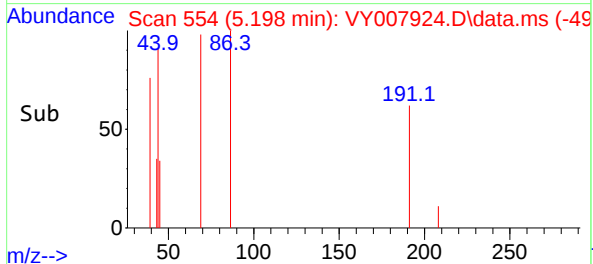
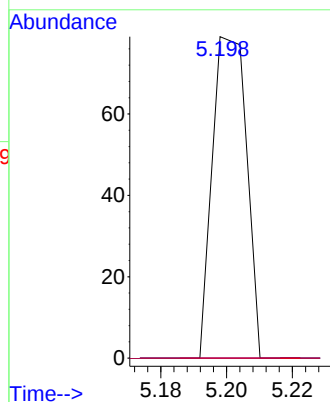
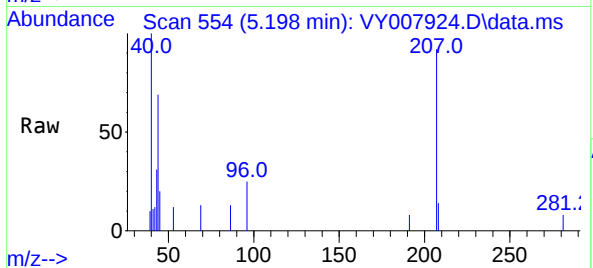




#15
Acrylonitrile
Concen: 2.872 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

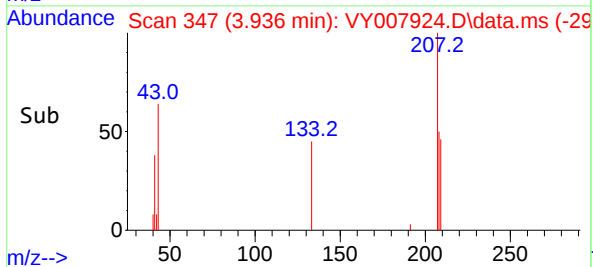
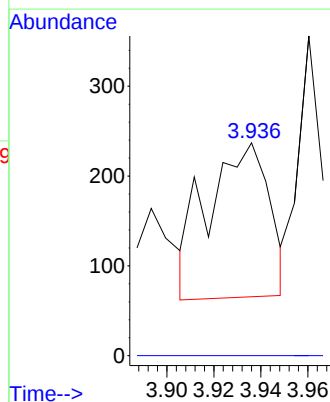
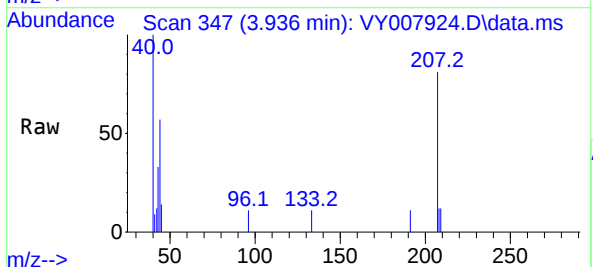
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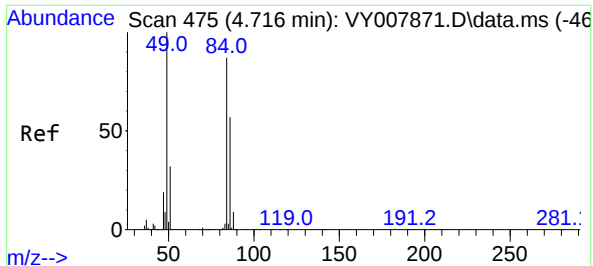
Tgt Ion: 53 Resp: 57
Ion Ratio Lower Upper
53 100
52 0.0 67.0 100.4#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 18.907 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

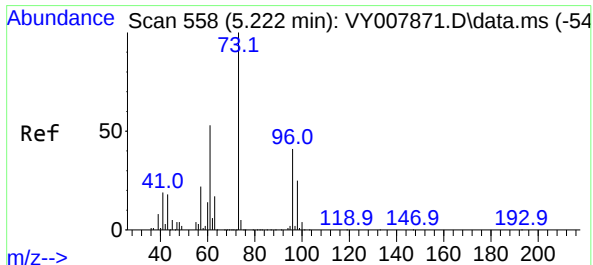
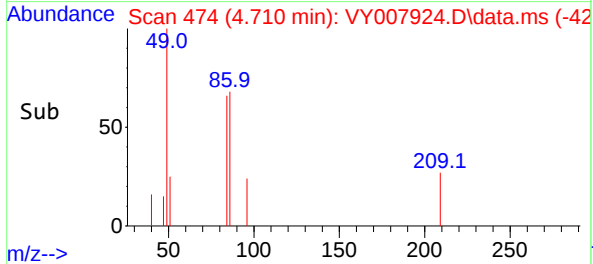
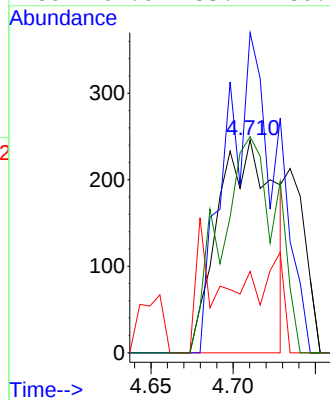
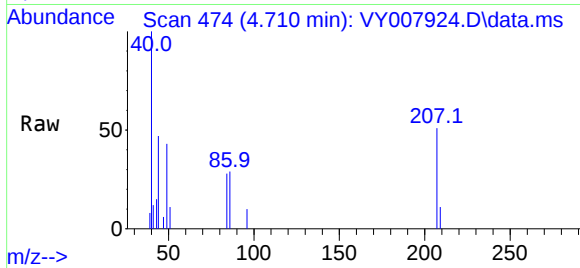




#20
Methylene Chloride
Concen: 4.860 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

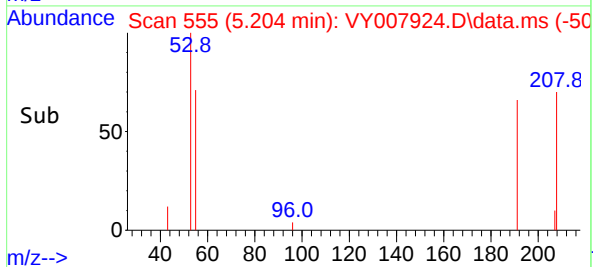
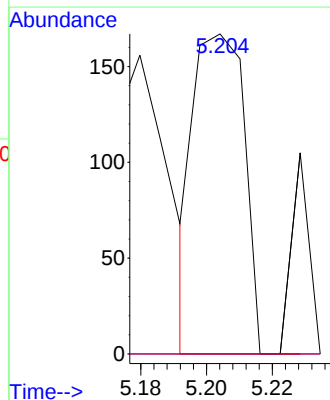
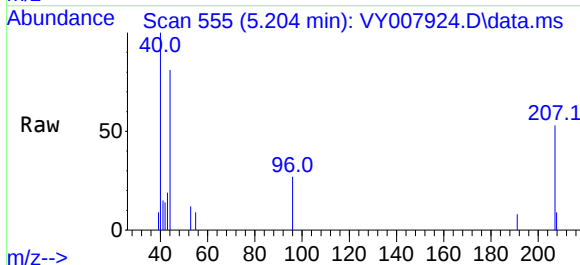
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C-4-3-4

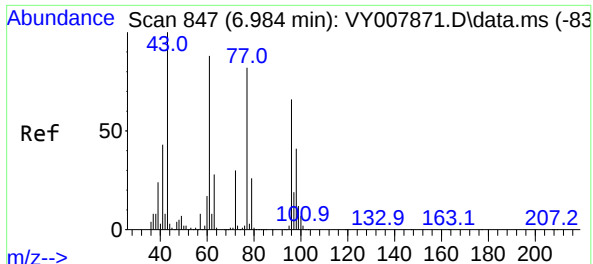
Tgt Ion: 84 Resp: 580
Ion Ratio Lower Upper
84 100
49 150.4 114.4 171.6
51 38.2 35.3 52.9
86 101.6 53.7 80.5#



#21
trans-1,2-Dichloroethene
Concen: 2.645 ug/l
RT: 5.204 min Scan# 555
Delta R.T. -0.018 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 96 Resp: 176
Ion Ratio Lower Upper
96 100
61 0.0 120.5 180.7#
98 0.0 49.8 74.8#





#25

2-Butanone

Concen: 9.541 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Instrument :

MSVOA_Y

ClientSampleId :

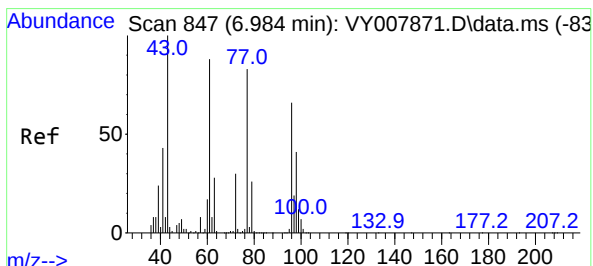
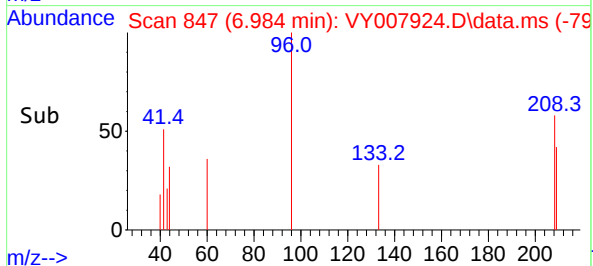
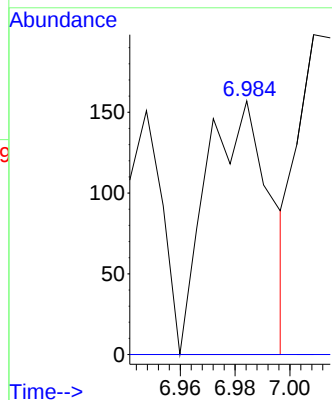
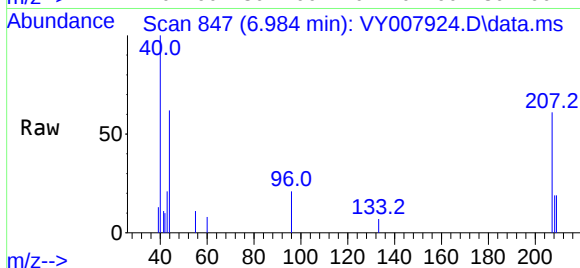
C-4-3-4

Tgt Ion: 43 Resp: 253

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#27

cis-1,2-Dichloroethene

Concen: 3.882 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

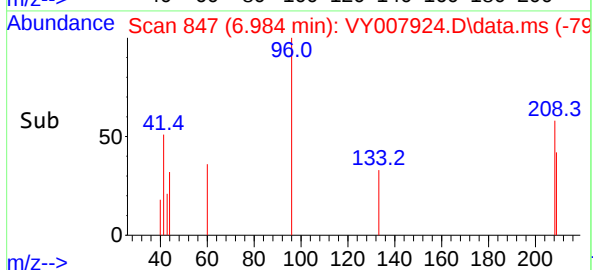
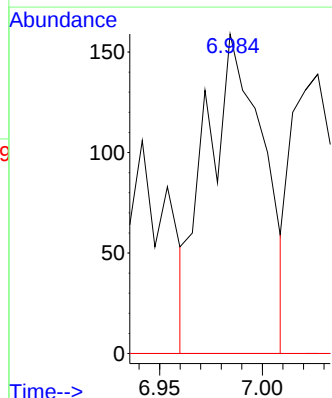
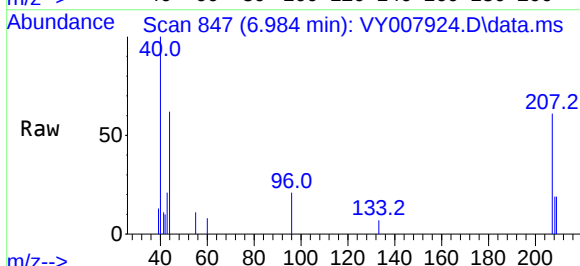
Tgt Ion: 96 Resp: 310

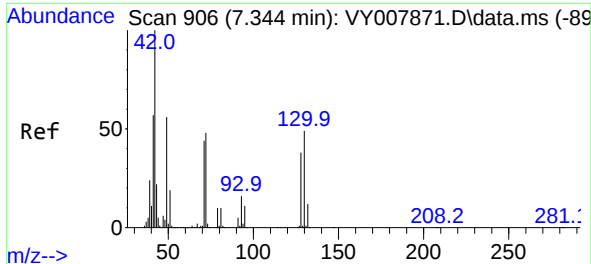
Ion Ratio Lower Upper

96 100

61 0.0 0.0 319.8

98 0.0 0.0 127.0





#29

Tetrahydrofuran

Concen: 12.537 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Instrument :

MSVOA_Y

ClientSampleId :

C-4-3-4

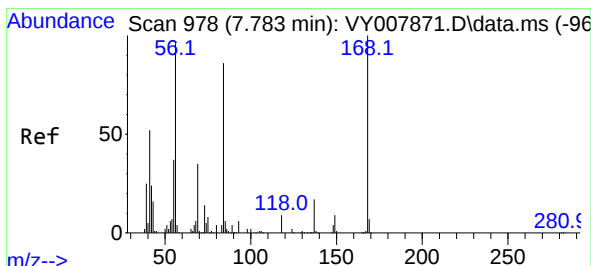
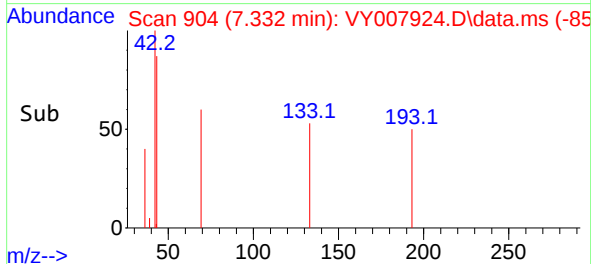
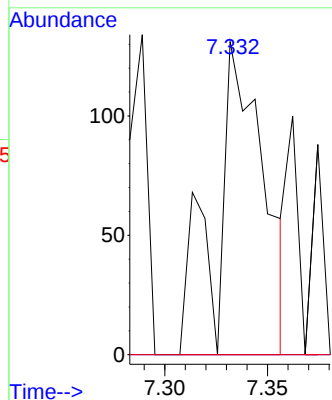
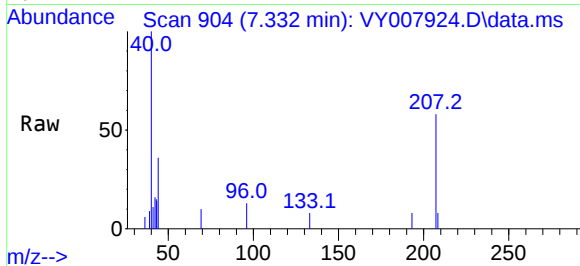
Tgt Ion: 42 Resp: 213

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.771 min Scan# 976

Delta R.T. -0.012 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

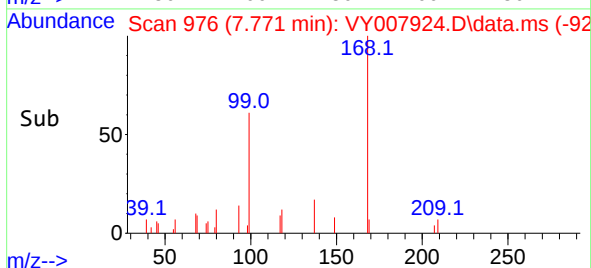
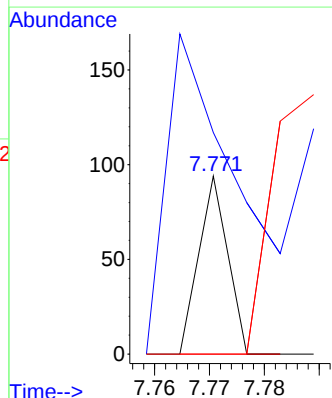
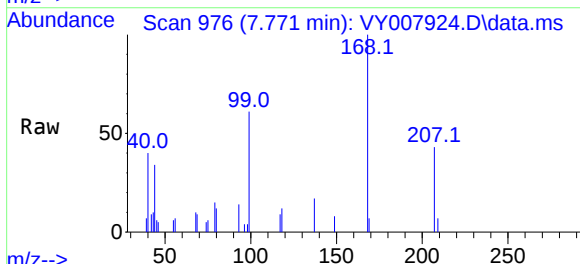
Tgt Ion: 56 Resp: 34

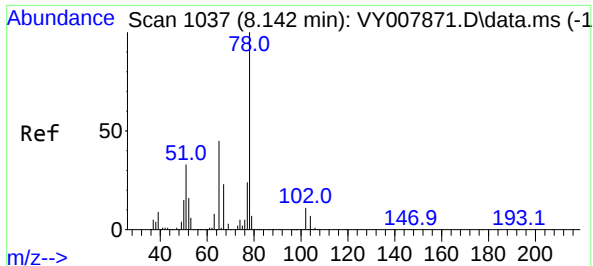
Ion Ratio Lower Upper

56 100

69 68.1 26.7 40.1#

84 0.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.895 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Instrument :

MSVOA_Y

ClientSampleId :

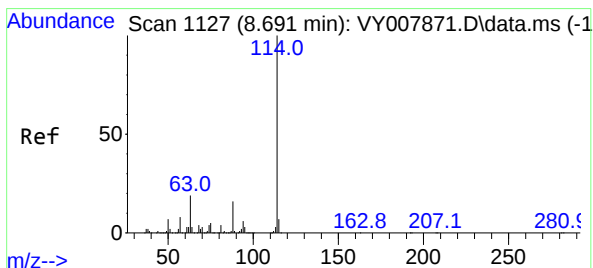
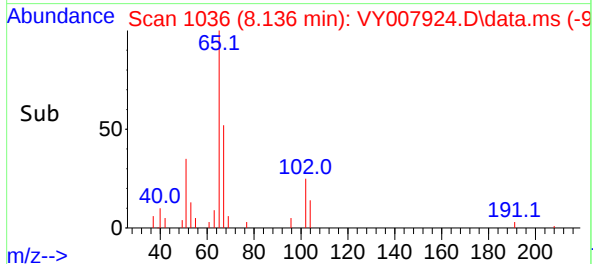
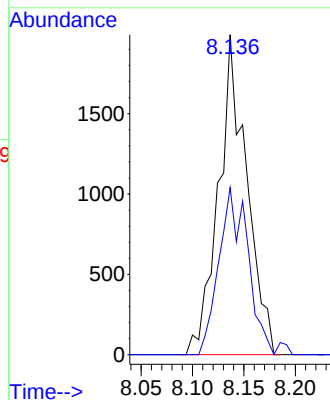
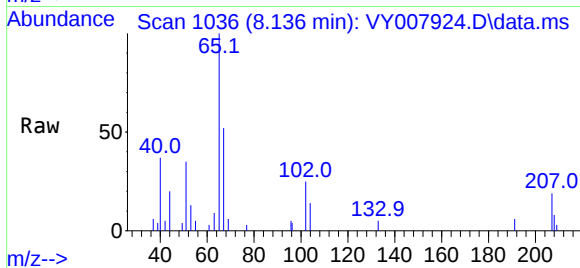
C-4-3-4

Tgt Ion: 65 Resp: 3800

Ion Ratio Lower Upper

65 100

67 53.4 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: VY007924.D

Acq: 19 Mar 2022 01:16

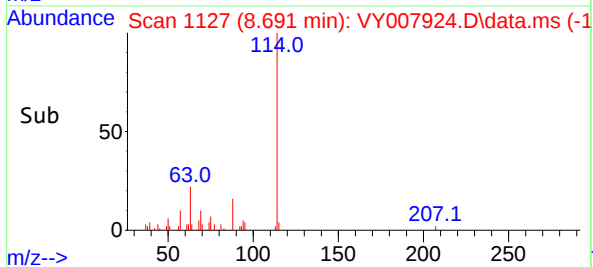
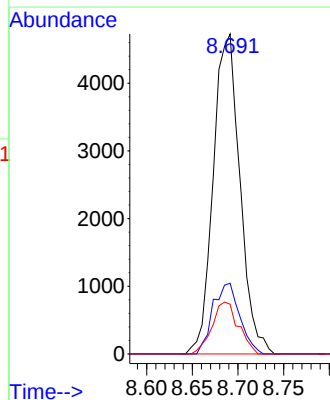
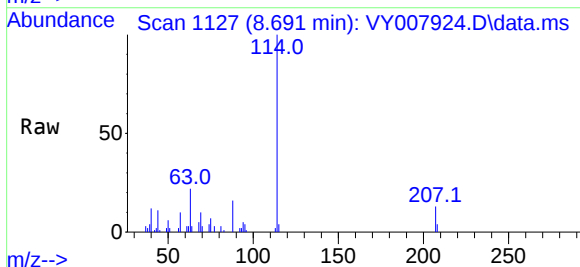
Tgt Ion:114 Resp: 9608

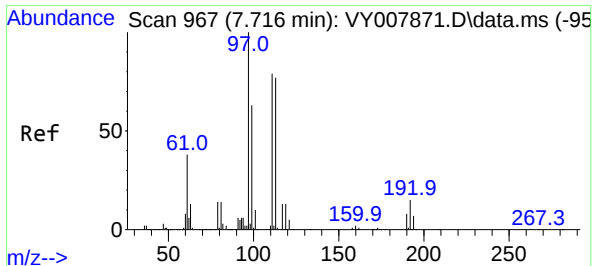
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

88 15.5 0.0 31.8

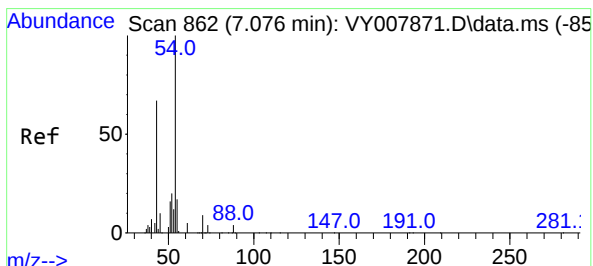
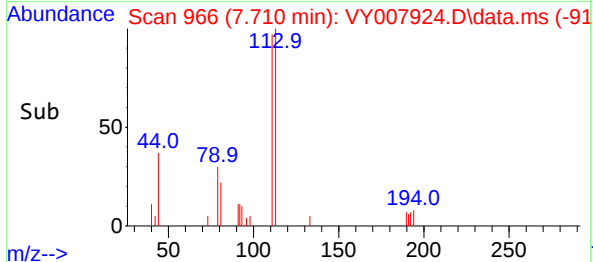
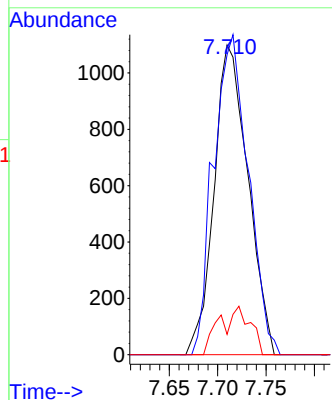
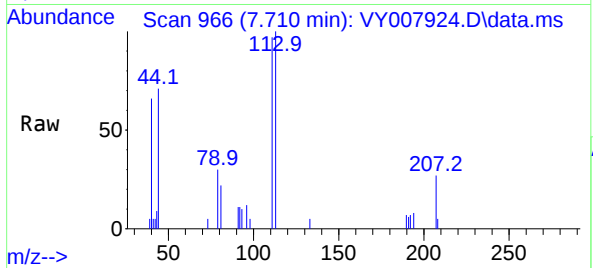




#35
Dibromofluoromethane
Concen: 39.703 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

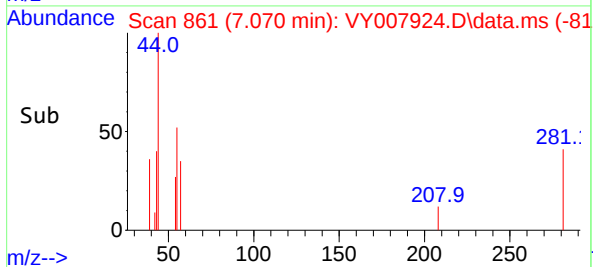
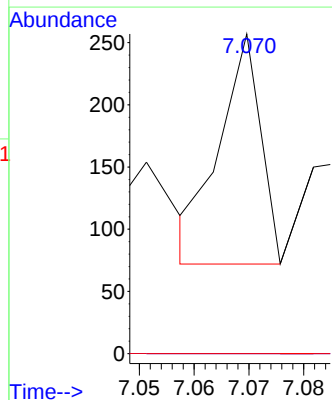
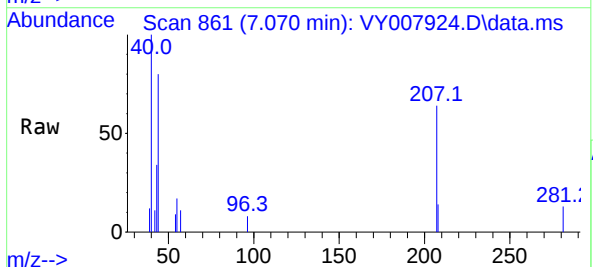
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

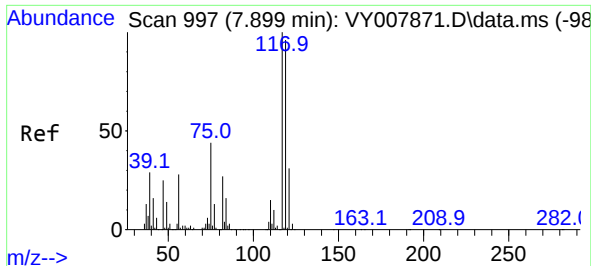
Tgt Ion:113 Resp: 2679
Ion Ratio Lower Upper
113 100
111 105.9 82.6 124.0
192 8.6 17.6 26.4#



#37
Ethyl Acetate
Concen: 1.556 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 43 Resp: 95
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#

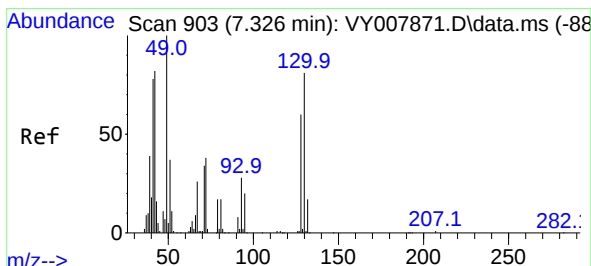
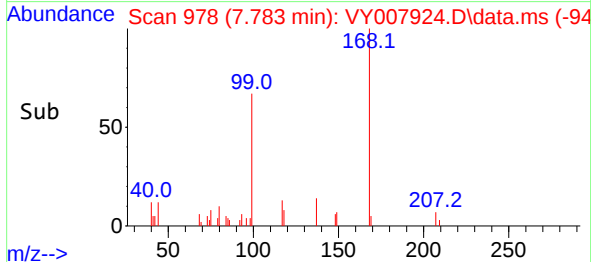
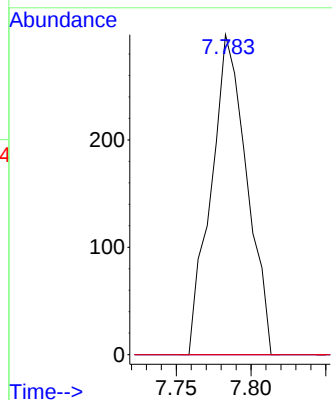
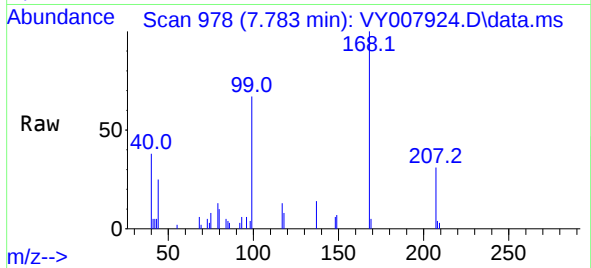




#38
Carbon Tetrachloride
Concen: 4.629 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

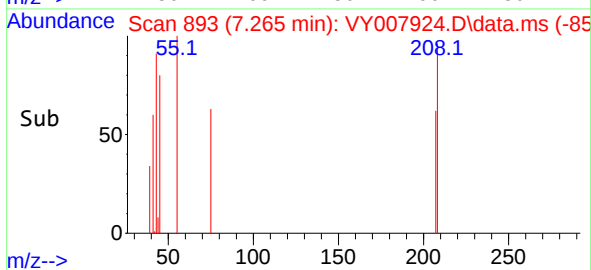
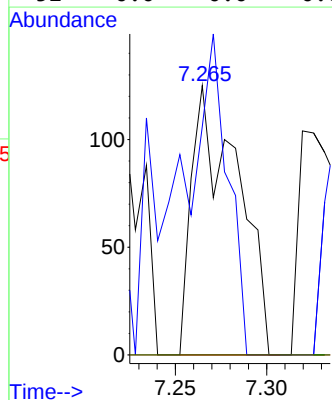
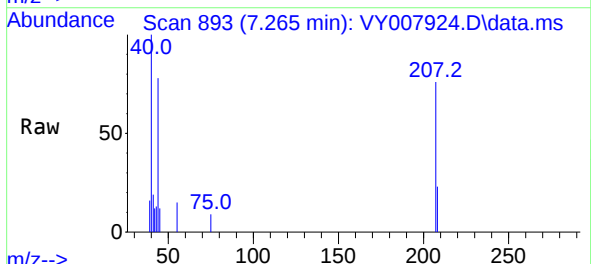
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

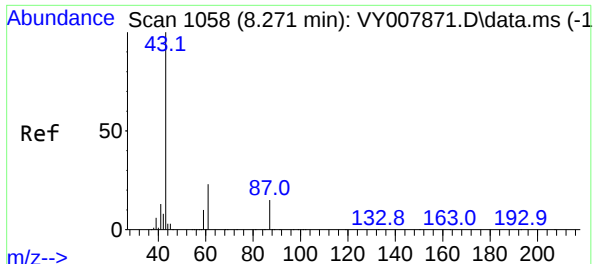
Tgt Ion:117 Resp: 495
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 5.789 ug/l
RT: 7.265 min Scan# 893
Delta R.T. -0.043 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 41 Resp: 218
Ion Ratio Lower Upper
41 100
39 135.3 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 1.104 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. -0.012 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

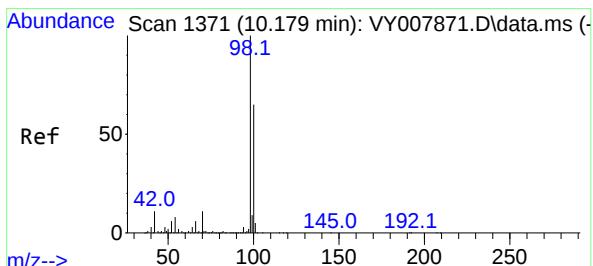
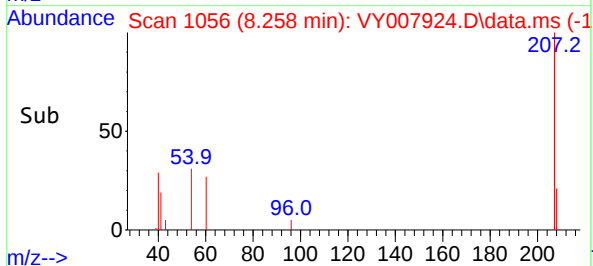
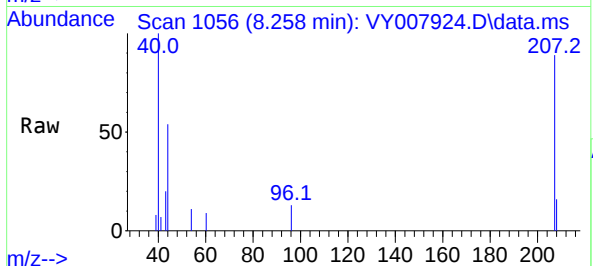
Instrument :

MSVOA_Y

ClientSampleId :

C-4-3-4

Tgt Ion: 43	Resp: 130
Ion Ratio	Lower Upper
43 100	
61 0.0	20.2 30.2#
87 0.0	8.9 13.3#



#50

Toluene-d8

Concen: 57.776 ug/l

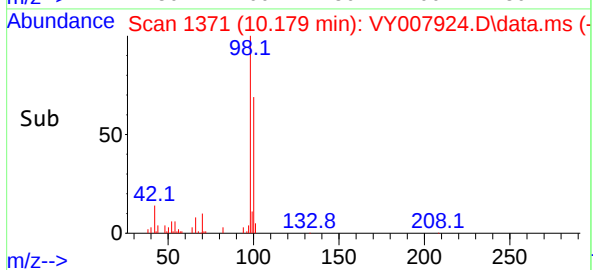
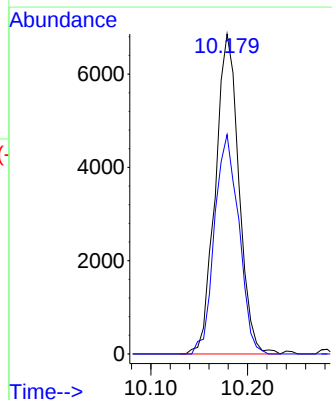
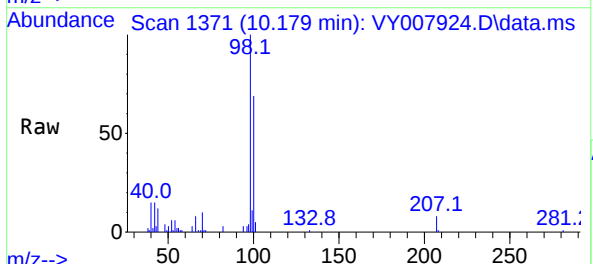
RT: 10.179 min Scan# 1371

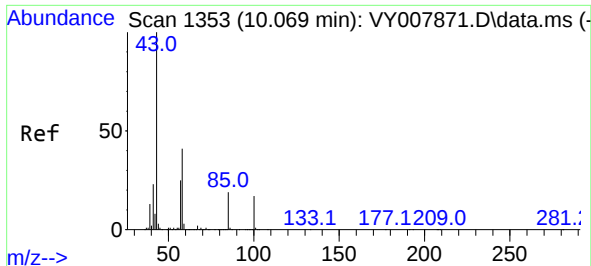
Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Tgt Ion: 98	Resp: 11585
Ion Ratio	Lower Upper
98 100	
100 70.8	50.2 75.2

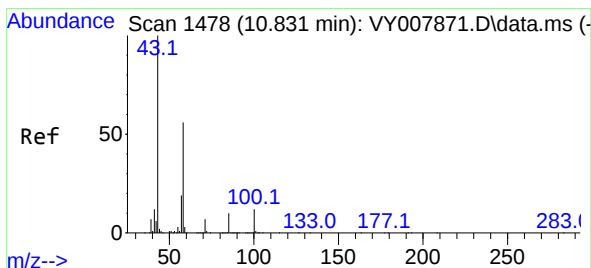
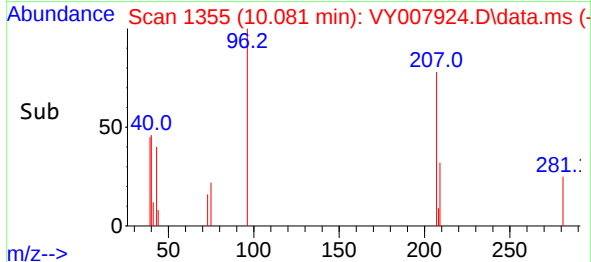
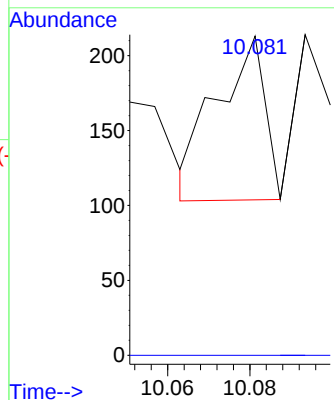
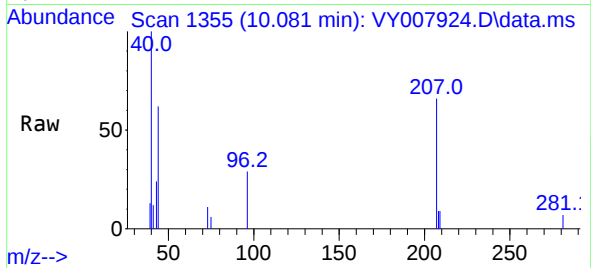




#51
4-Methyl-2-Pentanone
Concen: 1.435 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

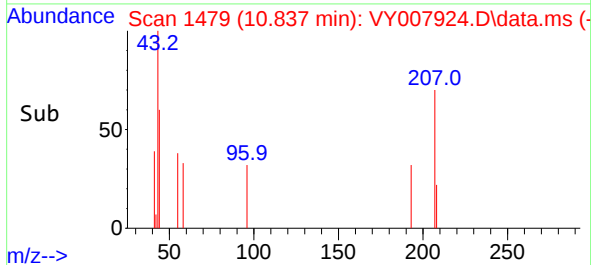
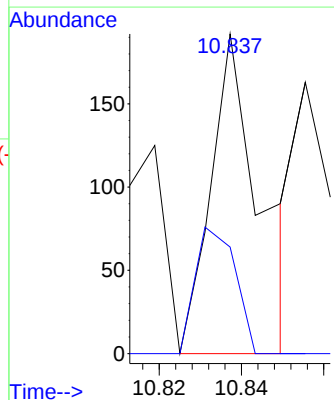
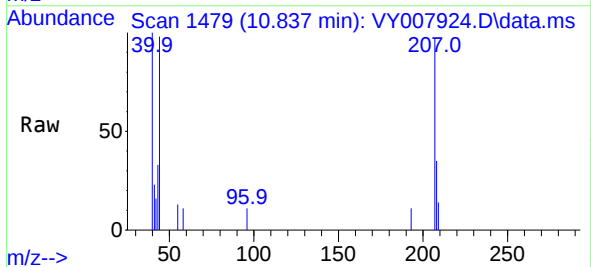
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

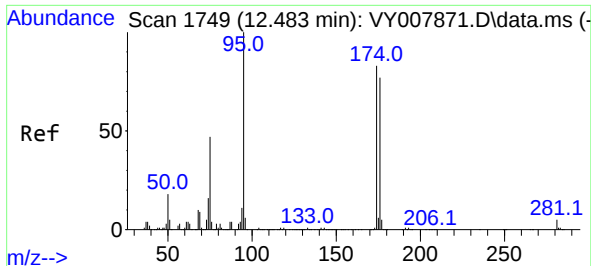
Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#



#59
2-Hexanone
Concen: 3.607 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 31.9 24.4 73.4





#62

4-Bromofluorobenzene

Concen: 39.095 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Instrument :

MSVOA_Y

ClientSampleId :

C-4-3-4

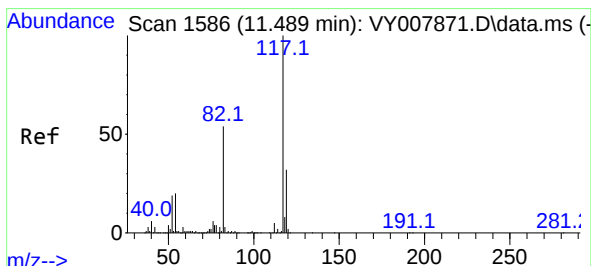
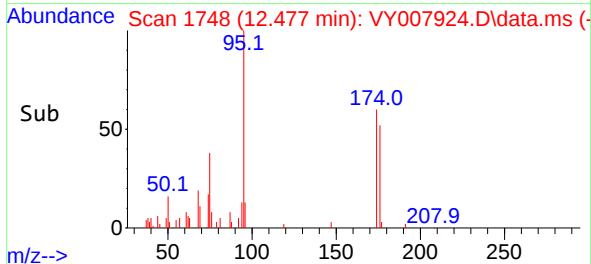
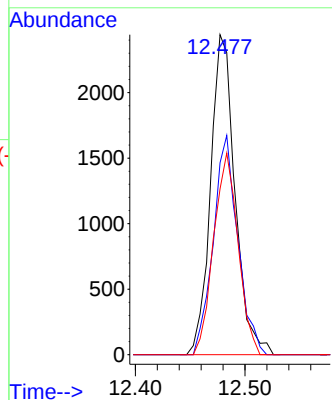
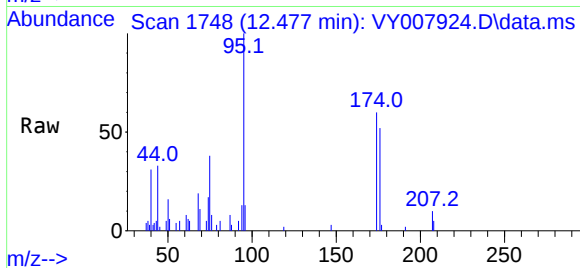
Tgt Ion: 95 Resp: 3786

Ion Ratio Lower Upper

95 100

174 68.8 0.0 177.0

176 62.9 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

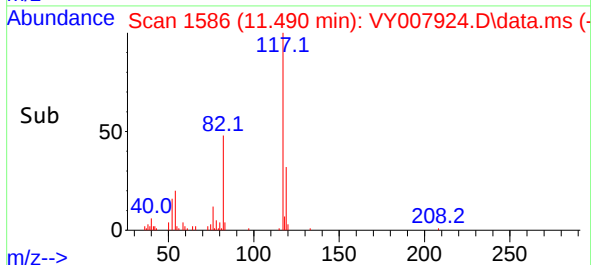
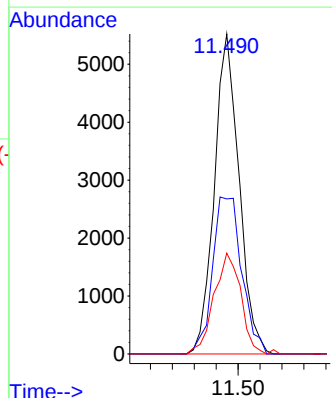
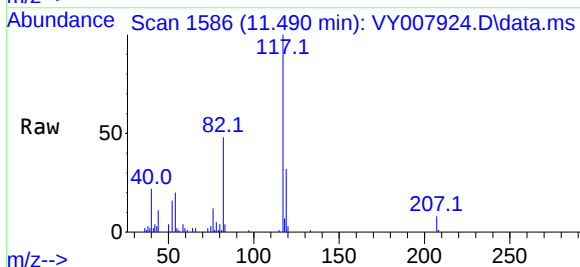
Tgt Ion: 117 Resp: 8649

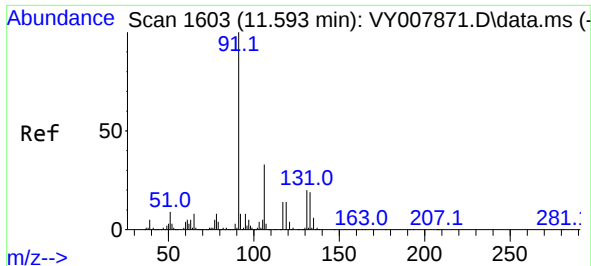
Ion Ratio Lower Upper

117 100

82 48.4 43.0 64.4

119 31.5 25.4 38.0

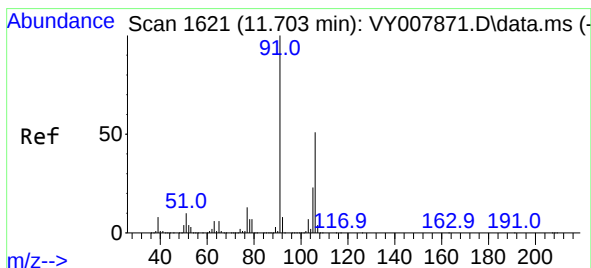
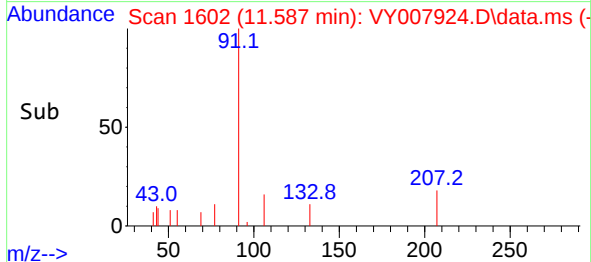
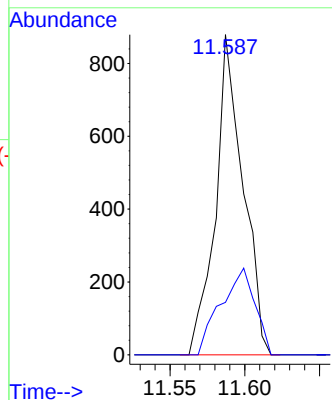
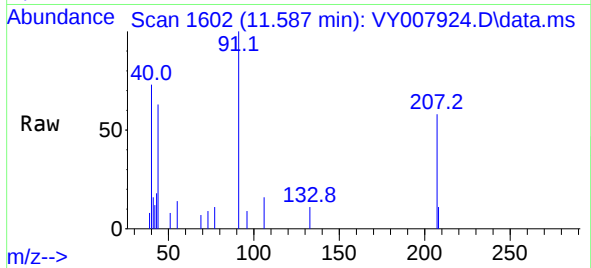




#67
Ethyl Benzene
Concen: 3.043 ug/l
RT: 11.587 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

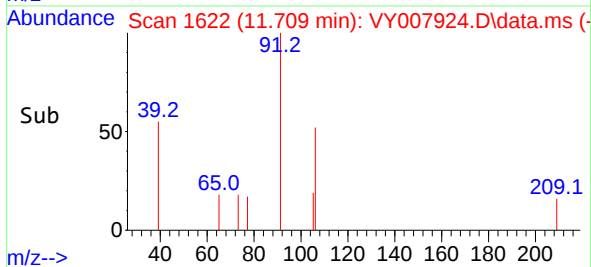
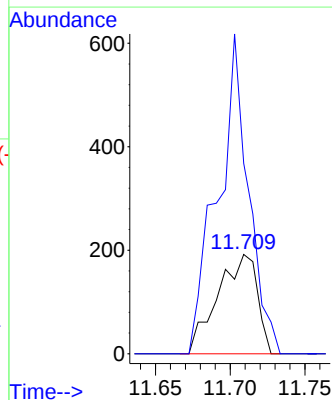
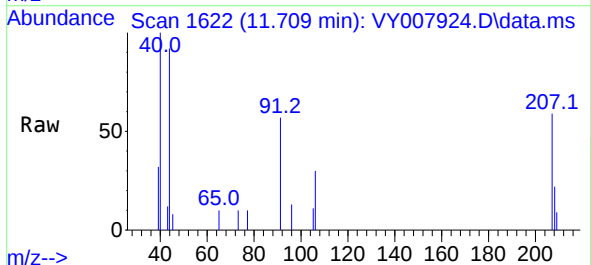
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

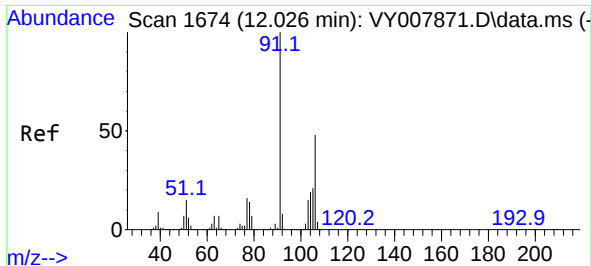
Tgt Ion: 91 Resp: 1123
Ion Ratio Lower Upper
91 100
106 16.4 24.5 36.7#



#68
m/p-Xylenes
Concen: 2.459 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion:106 Resp: 354
Ion Ratio Lower Upper
106 100
91 249.7 166.6 249.8





#69

o-Xylene

Concen: 3.267 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Instrument :

MSVOA_Y

ClientSampleId :

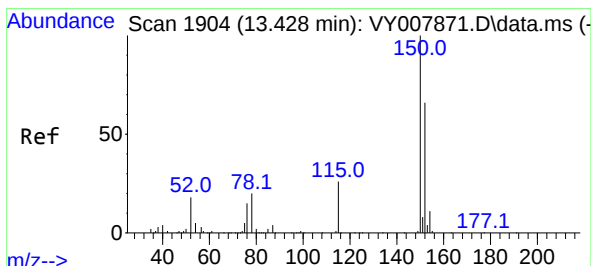
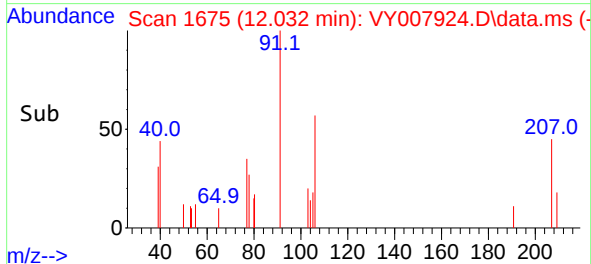
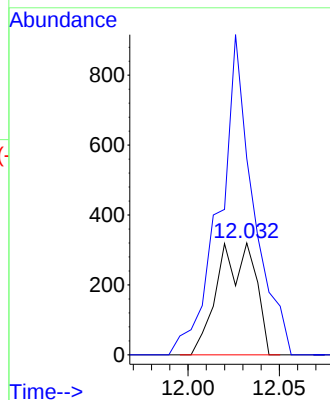
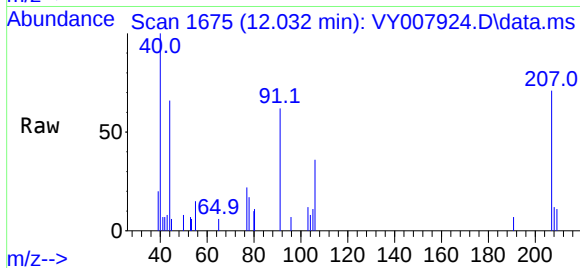
C-4-3-4

Tgt Ion:106 Resp: 455

Ion Ratio Lower Upper

106 100

91 258.7 110.3 331.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

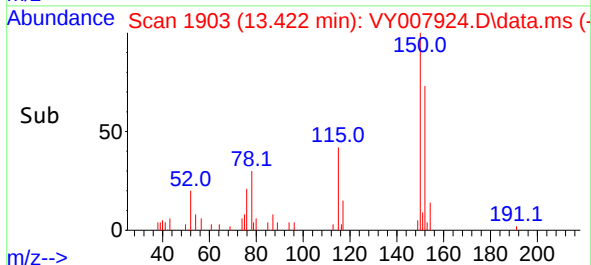
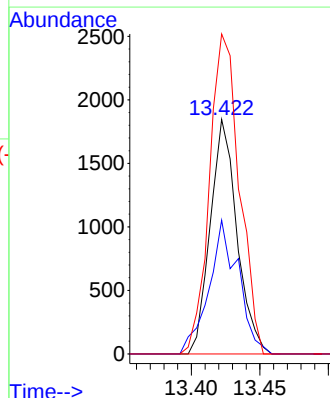
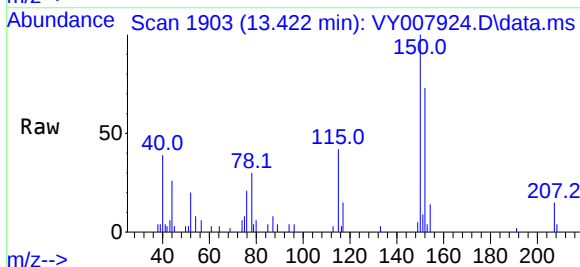
Tgt Ion:152 Resp: 2506

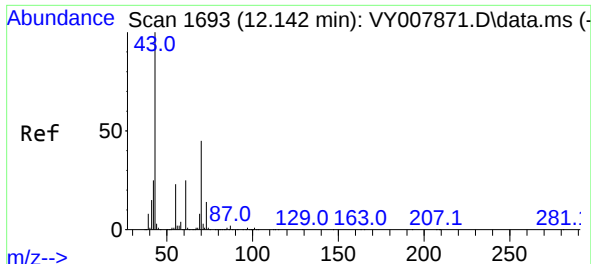
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 152.6 0.0 347.6

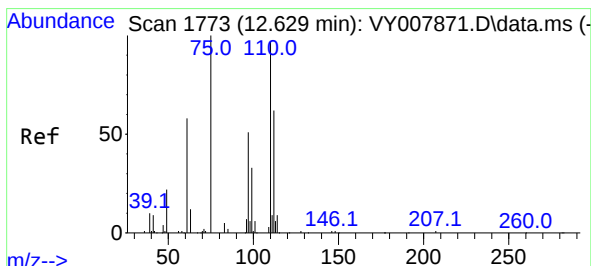
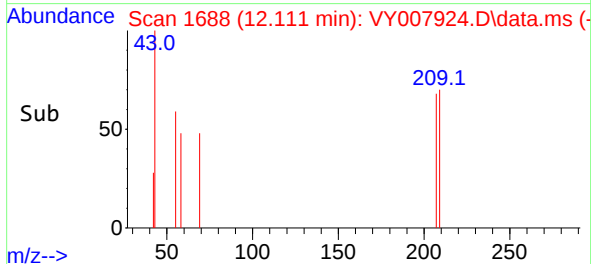
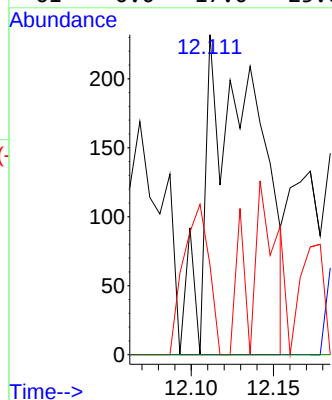
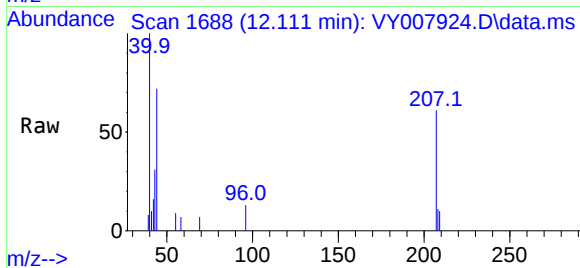




#74
N-amy1 acetate
Concen: 7.975 ug/l
RT: 12.111 min Scan# 1
Delta R.T. -0.031 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

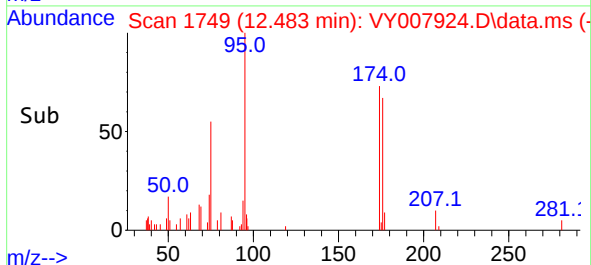
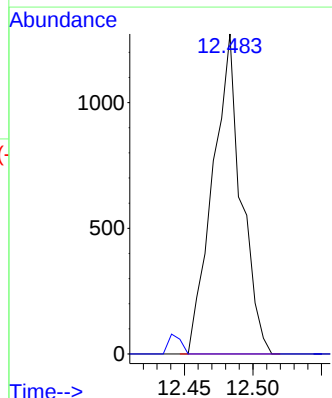
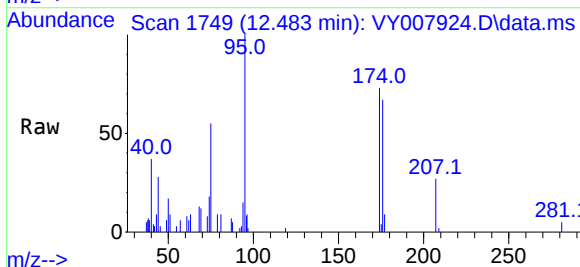
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

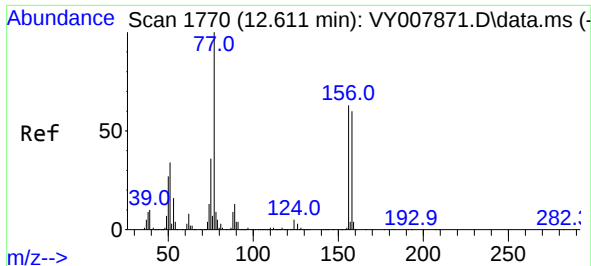
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 22.7 17.3 25.9
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 51.653 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 75 Resp: 1845
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

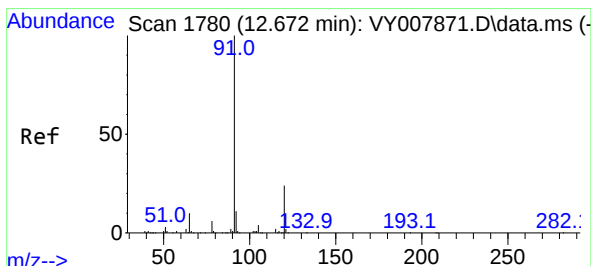
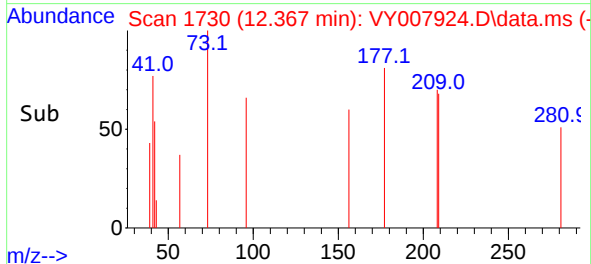
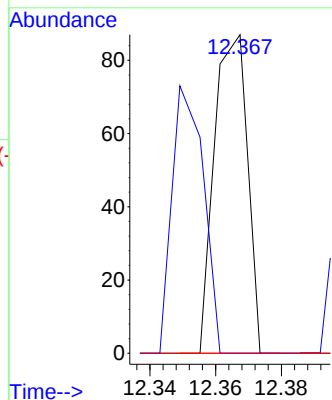
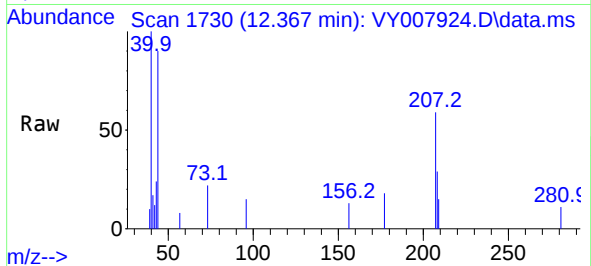




#77
Bromobenzene
Concen: 1.210 ug/l
RT: 12.367 min Scan# 11
Delta R.T. -0.244 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

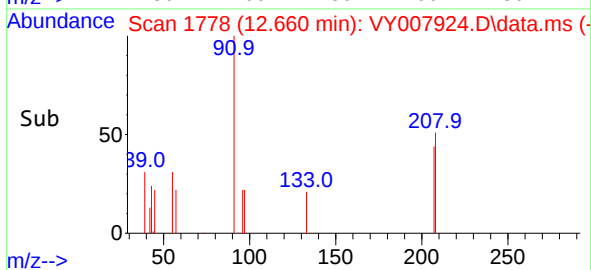
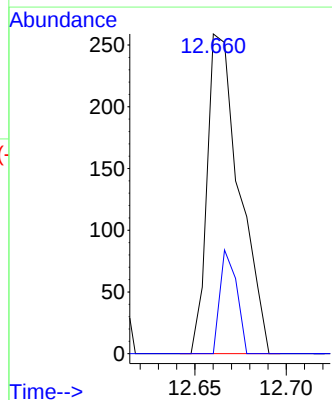
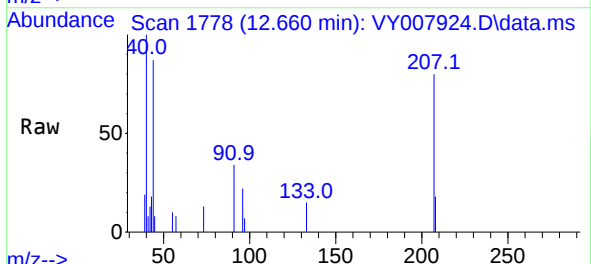
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

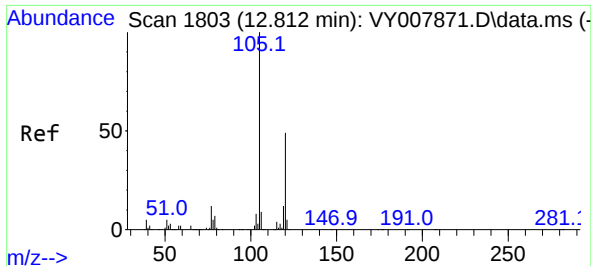
Tgt Ion:156 Resp: 61
Ion Ratio Lower Upper
156 100
77 78.7 95.5 286.4#
158 0.0 48.0 144.0#



#78
n-propylbenzene
Concen: 1.194 ug/l
RT: 12.660 min Scan# 1778
Delta R.T. -0.012 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 91 Resp: 318
Ion Ratio Lower Upper
91 100
120 16.7 11.3 33.9

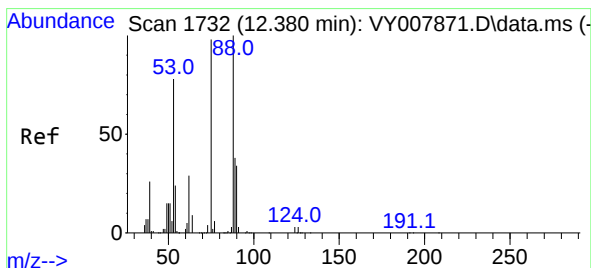
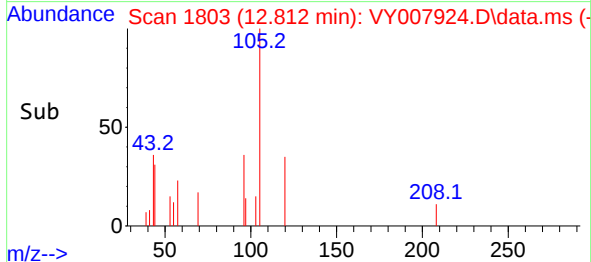
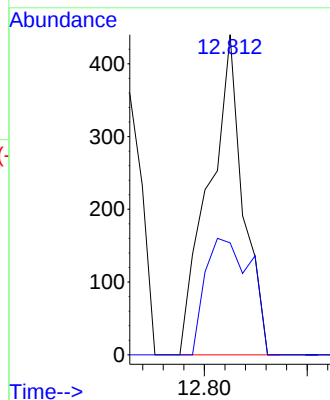
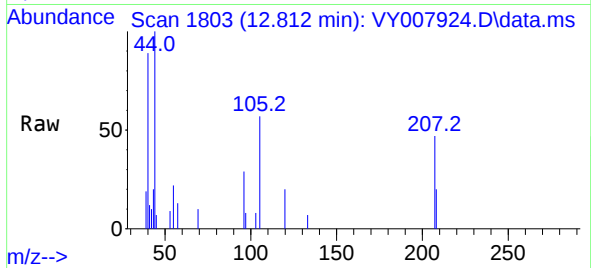




#80
1,3,5-Trimethylbenzene
Concen: 2.789 ug/l
RT: 12.812 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

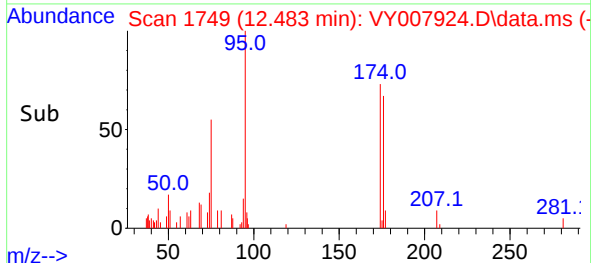
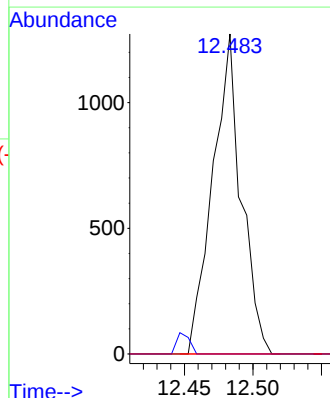
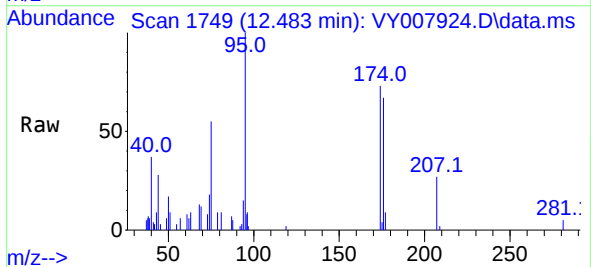
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

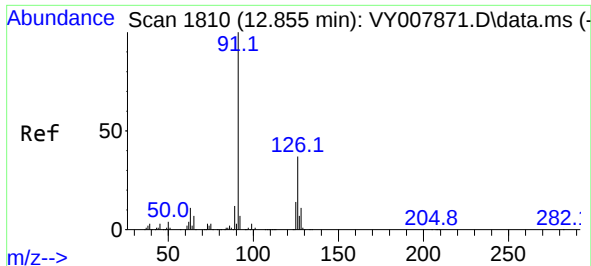
Tgt Ion:105 Resp: 506
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 108.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 75 Resp: 1845
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

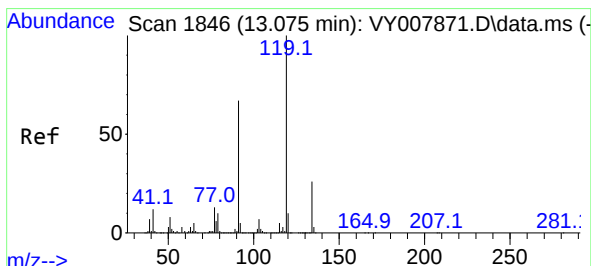
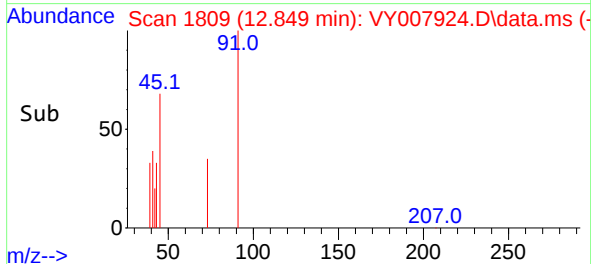
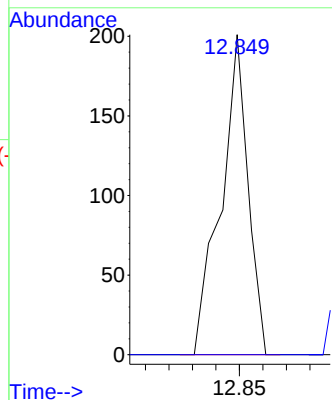
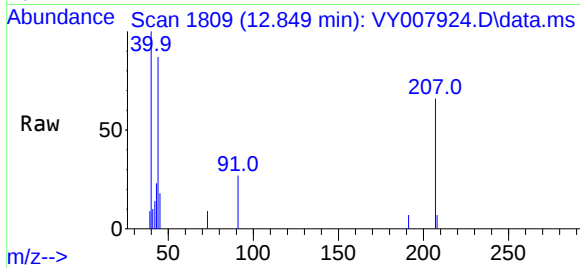




#82
4-Chlorotoluene
Concen: 1.034 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

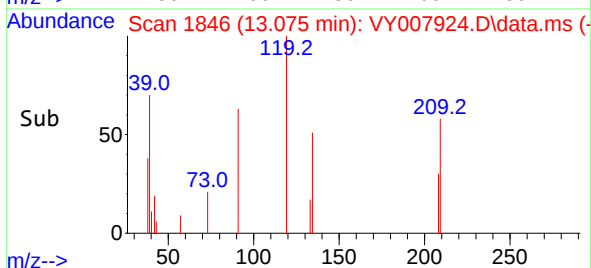
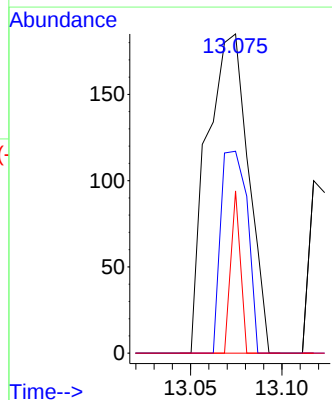
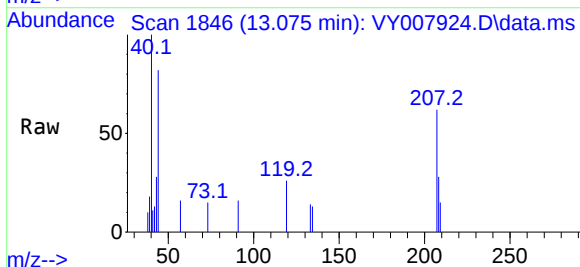
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

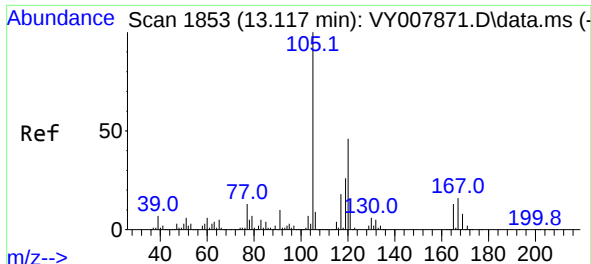
Tgt Ion: 91 Resp: 161
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 1.793 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion: 119 Resp: 291
Ion Ratio Lower Upper
119 100
91 40.5 34.8 104.4
134 11.7 13.3 39.9#

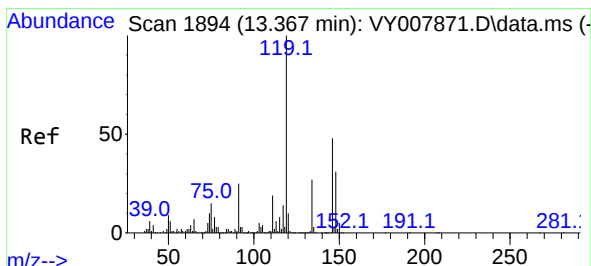
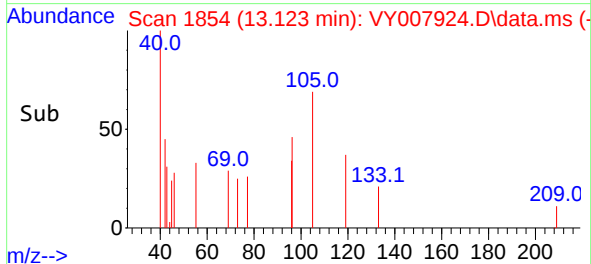
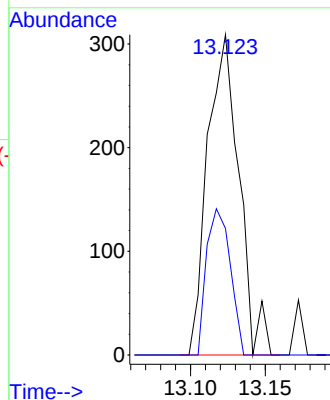
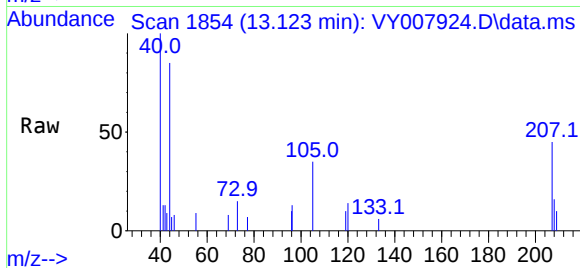




#84
1,2,4-Trimethylbenzene
Concen: 2.542 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

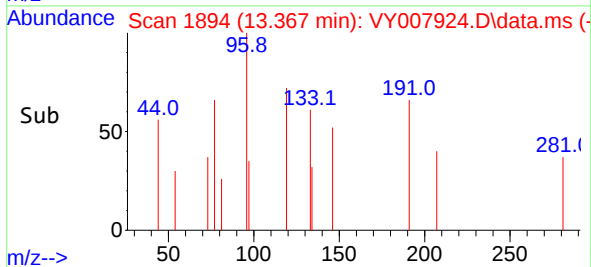
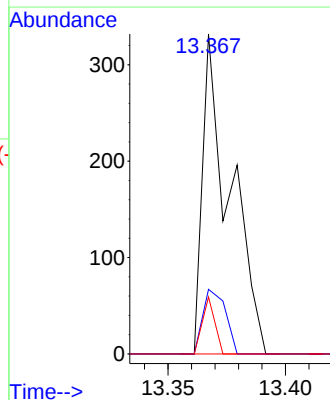
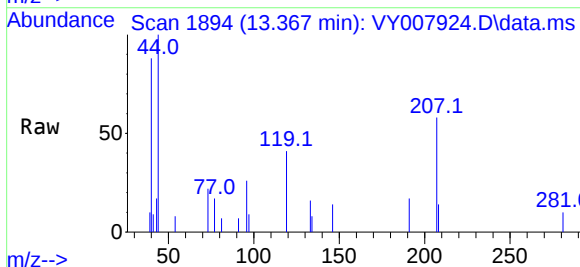
Instrument :
MSVOA_Y
ClientSampleId :
C-4-3-4

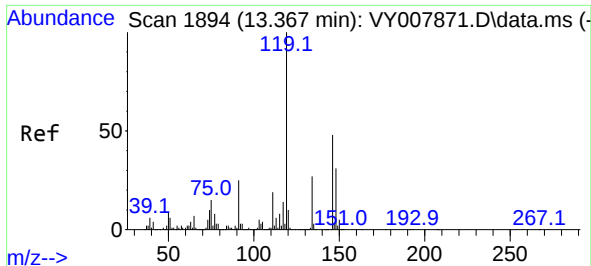
Tgt Ion:105 Resp: 452
Ion Ratio Lower Upper
105 100
120 34.5 22.3 66.9



#86
p-Isopropyltoluene
Concen: 1.367 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY007924.D
Acq: 19 Mar 2022 01:16

Tgt Ion:119 Resp: 270
Ion Ratio Lower Upper
119 100
134 16.7 13.2 39.5
91 8.1 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 1.056 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Instrument :

MSVOA_Y

ClientSampleId :

C-4-3-4

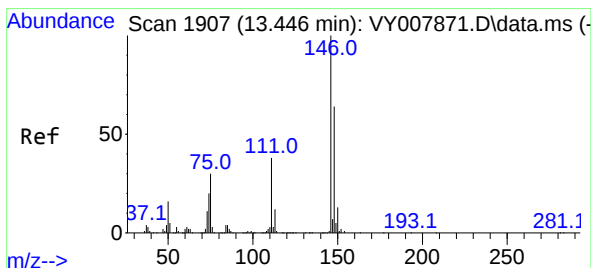
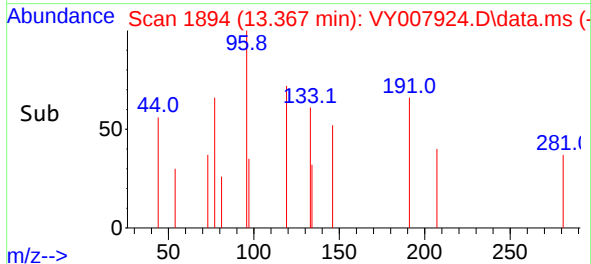
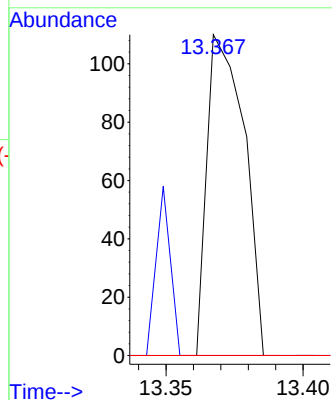
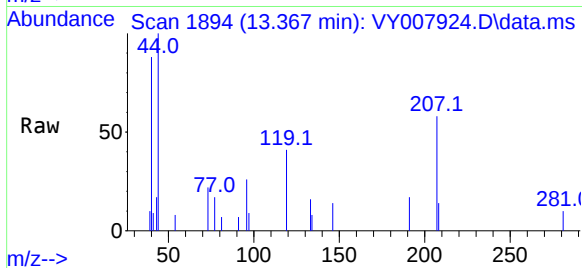
Tgt Ion:146 Resp: 104

Ion Ratio Lower Upper

146 100

111 20.2 19.5 58.5

148 0.0 31.6 95.0#



#88

1,4-Dichlorobenzene

Concen: 1.267 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

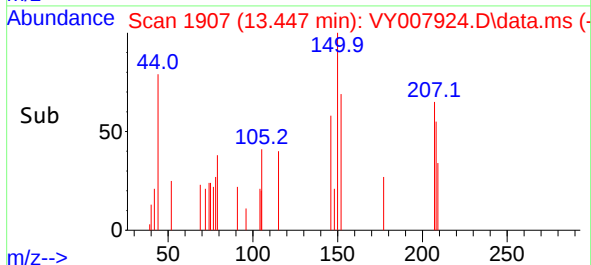
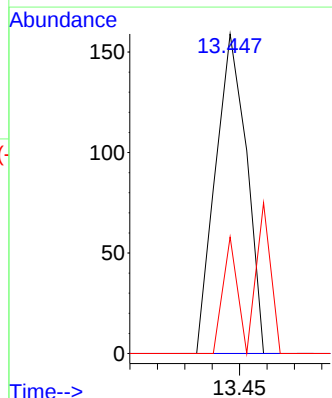
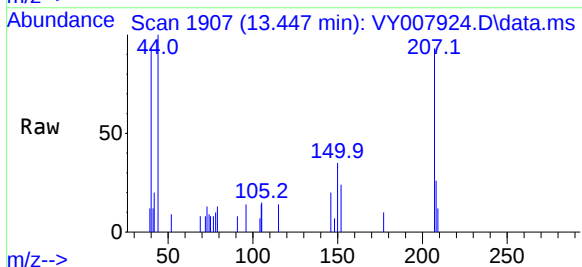
Tgt Ion:146 Resp: 125

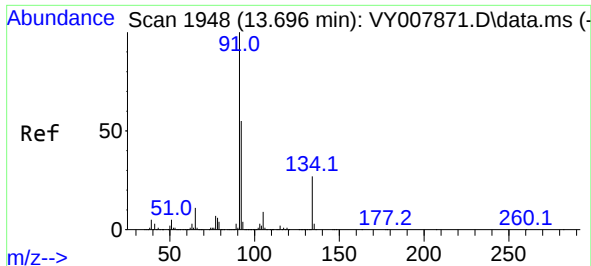
Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.8#

148 16.8 32.6 97.8#





#89

n-Butylbenzene

Concen: 1.124 ug/l

RT: 13.703 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY007924.D

Acq: 19 Mar 2022 01:16

Instrument :

MSVOA_Y

ClientSampleId :

C-4-3-4

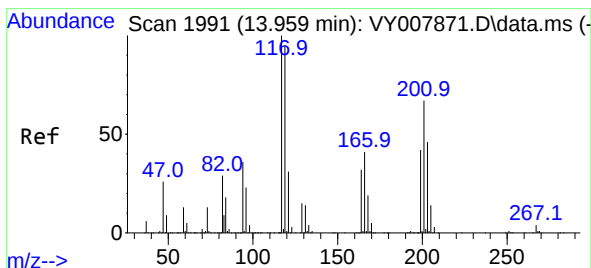
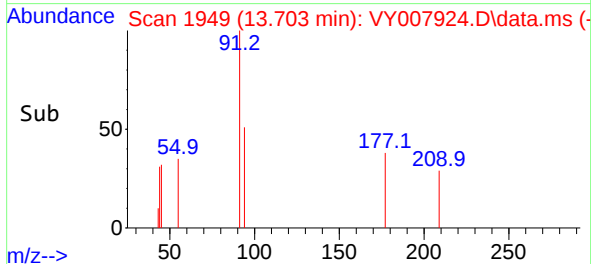
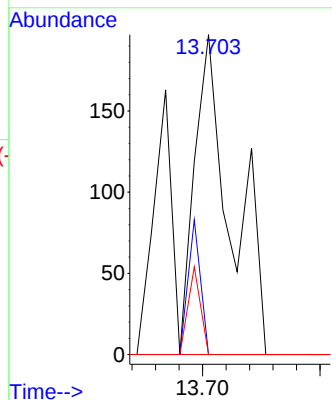
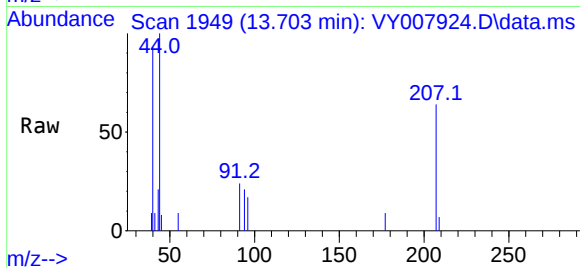
Tgt Ion: 91 Resp: 213

Ion Ratio Lower Upper

91 100

92 14.1 26.3 78.9#

134 9.4 13.0 38.9#



#90

Hexachloroethane

Concen: 1.624 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY007924.D

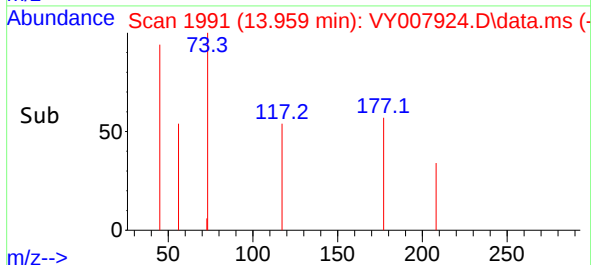
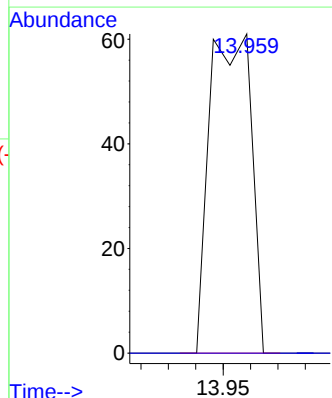
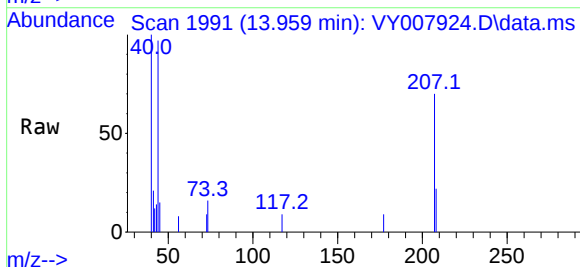
Acq: 19 Mar 2022 01:16

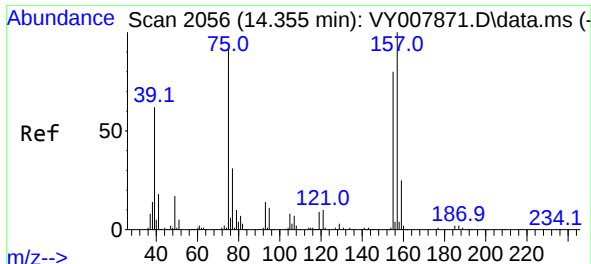
Tgt Ion: 117 Resp: 64

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



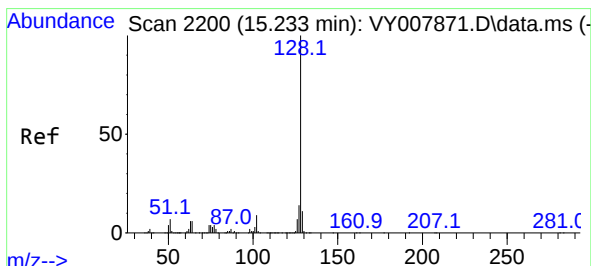
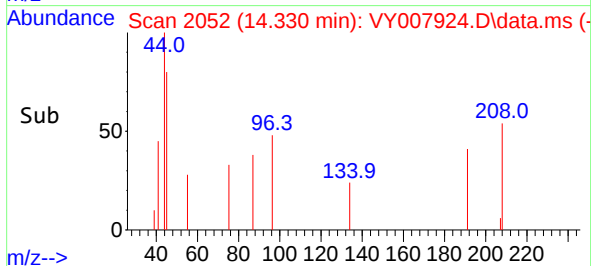
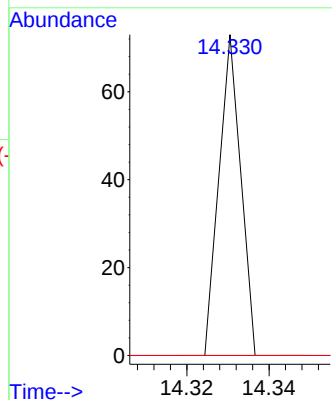
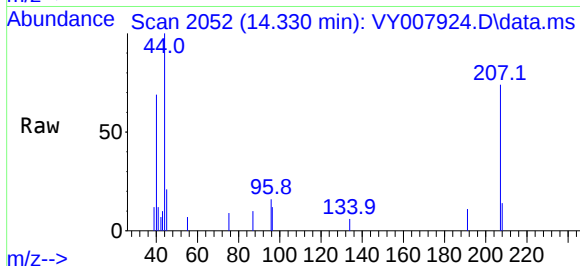


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.305 ug/l
 RT: 14.330 min Scan# 2056
 Delta R.T. -0.024 min
 Lab File: VY007924.D
 Acq: 19 Mar 2022 01:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-4-3-4

Tgt Ion: 75 Resp: 27

Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.0	113.9#
157	0.0	47.8	143.3#



#95
 Naphthalene
 Concen: 2.242 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY007924.D
 Acq: 19 Mar 2022 01:16

Tgt Ion: 128 Resp: 280

Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

