

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009301.D
 Acq On : 23 Jun 2022 17:54
 Operator : KP/MD
 Sample : N3462-06
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-18-20-20220622

Quant Time: Jun 24 09:24:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

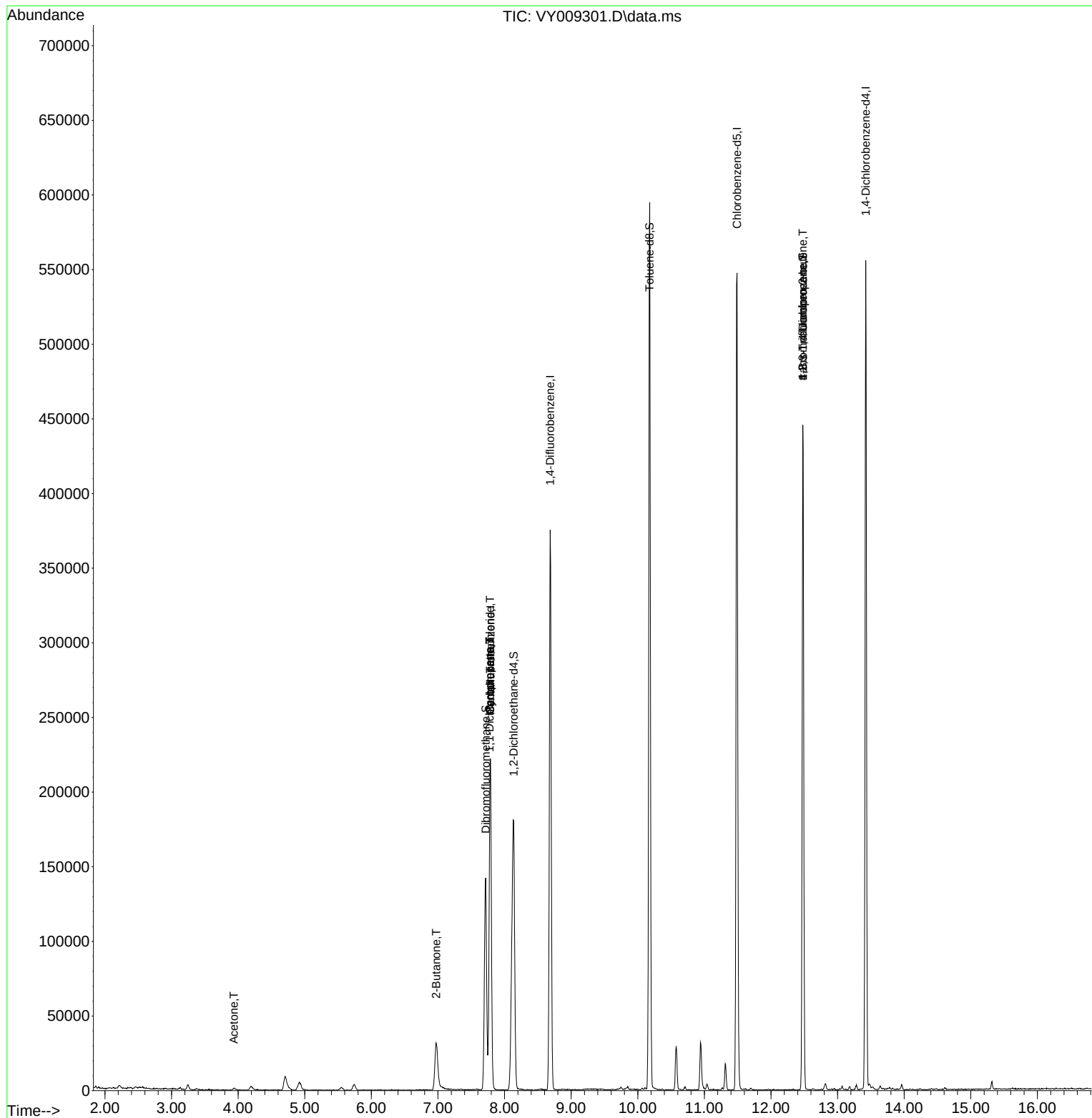
Internal Standards						
1) Pentafluorobenzene	7.789	168	181119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108329	54.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.920%			
35) Dibromofluoromethane	7.716	113	96817	47.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.360%			
50) Toluene-d8	10.179	98	383263	48.617	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.240%			
62) 4-Bromofluorobenzene	12.477	95	129155	46.624	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.240%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	5314	Below Cal	#	77
16) Acetone	3.936	43	1150	2.340	ug/l #	89
18) Methyl Acetate	4.509	43	52	Below Cal	#	56
20) Methylene Chloride	4.710	84	6173	Below Cal	#	83
25) 2-Butanone	6.972	43	2365	2.980	ug/l #	84
31) Cyclohexane	7.783	56	3977	1.152	ug/l #	18
36) 1,1-Dichloropropene	7.777	75	12906	4.132	ug/l #	52
38) Carbon Tetrachloride	7.783	117	17215	5.301	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	67733	41.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67733	87.424	ug/l #	7

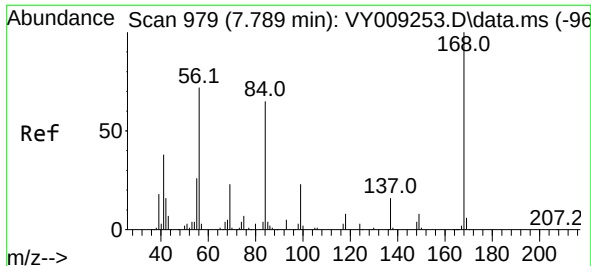
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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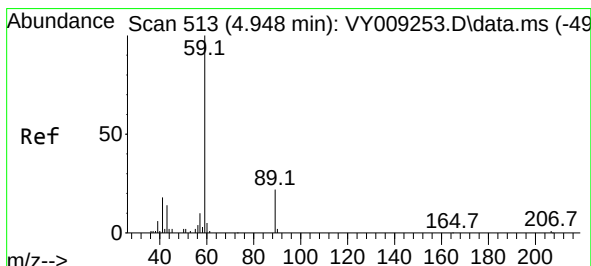
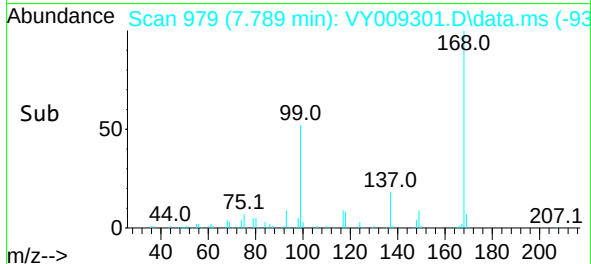
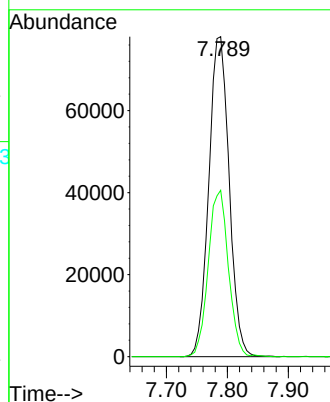
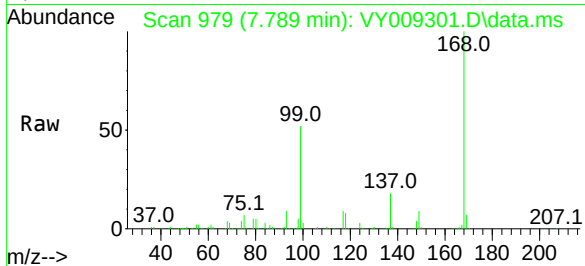




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

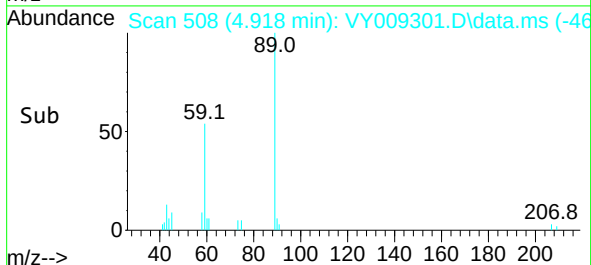
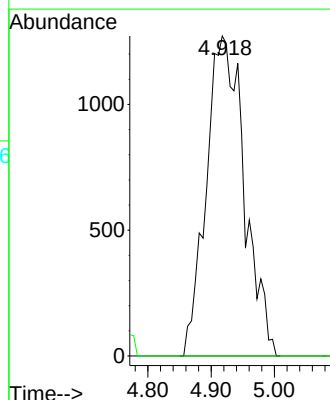
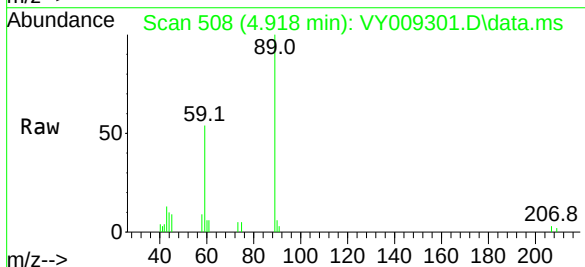
Instrument :
MSVOA_Y
ClientSampleId :
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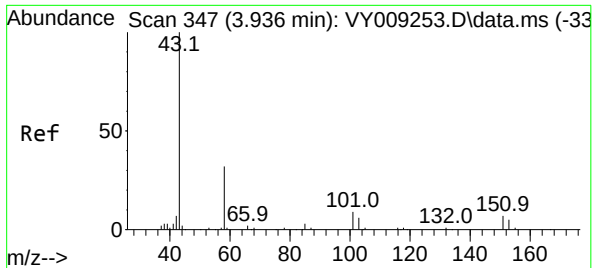
Tgt Ion:168 Resp: 181119
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 59 Resp: 5314
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

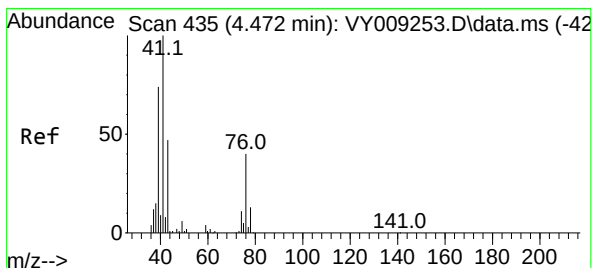
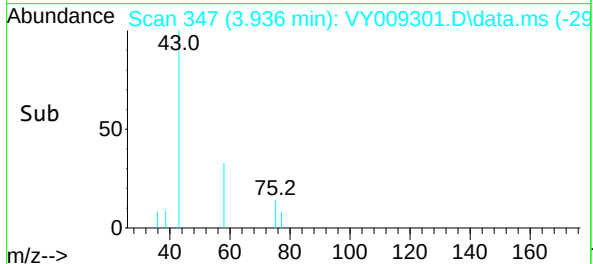
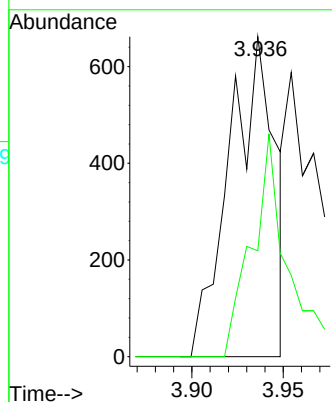
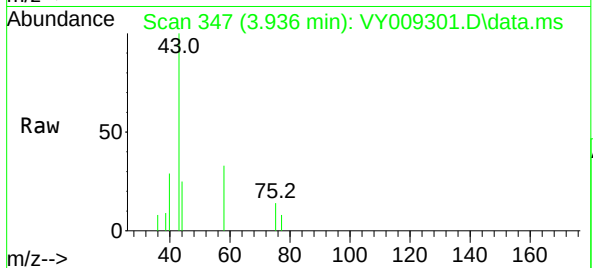




#16
Acetone
Concen: 2.340 ug/l
RT: 3.936 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

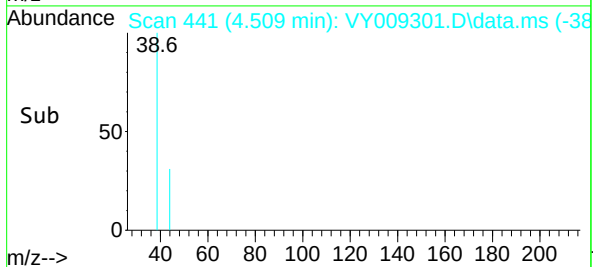
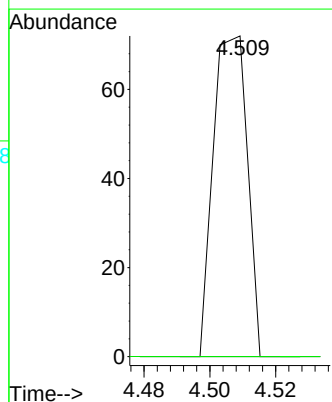
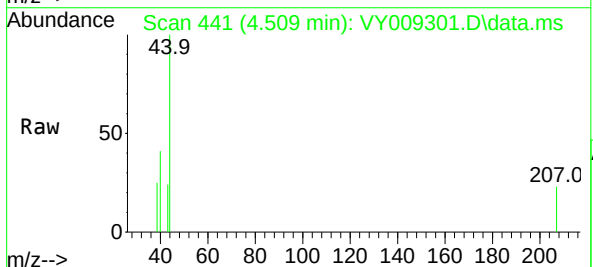
Instrument :
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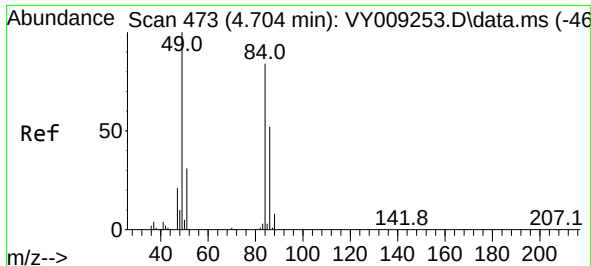
Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.509 min Scan# 441
Delta R.T. 0.037 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009301.D

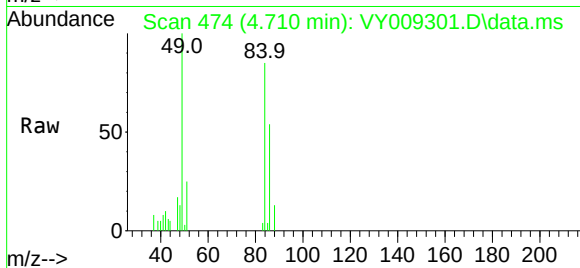
Acq: 23 Jun 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-18-20-20220622



Tgt Ion: 84 Resp: 6173

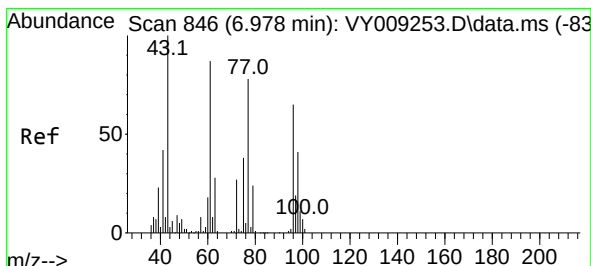
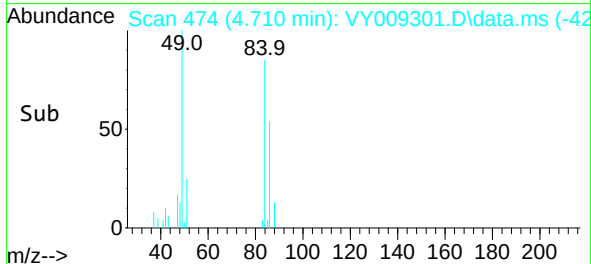
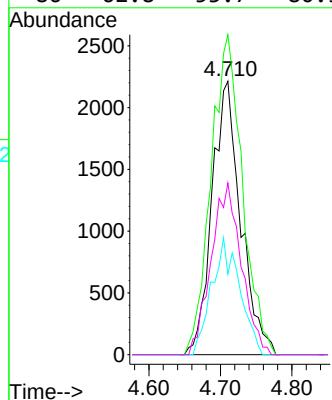
Ion Ratio Lower Upper

84 100

49 117.0 114.4 171.6

51 29.5 35.3 52.9#

86 62.8 53.7 80.5



#25

2-Butanone

Concen: 2.980 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009301.D

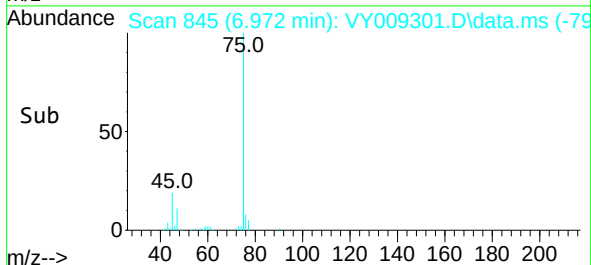
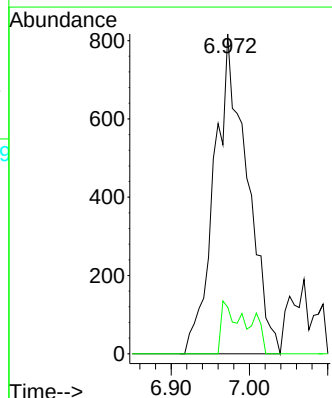
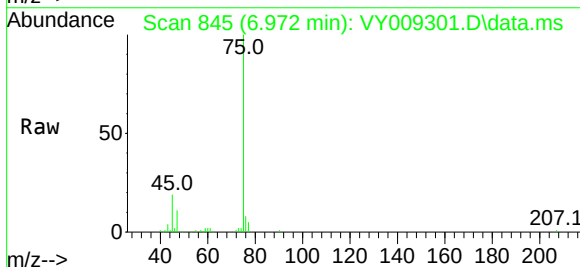
Acq: 23 Jun 2022 17:54

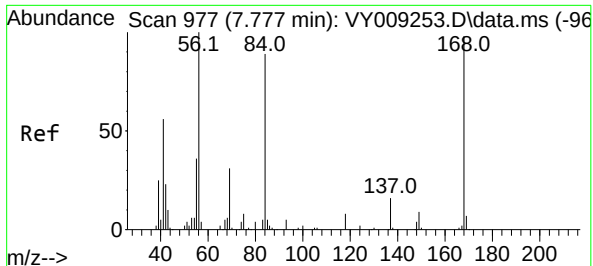
Tgt Ion: 43 Resp: 2365

Ion Ratio Lower Upper

43 100

72 14.6 17.7 26.5#

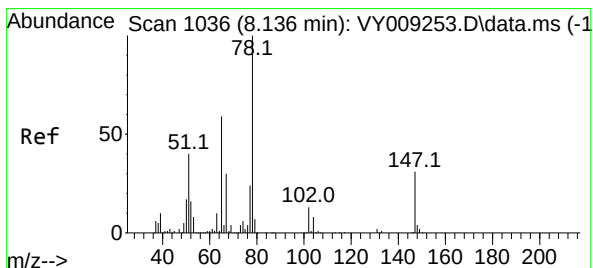
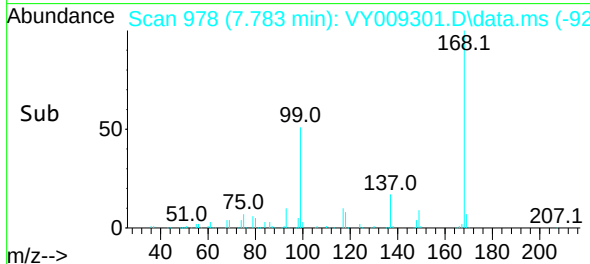
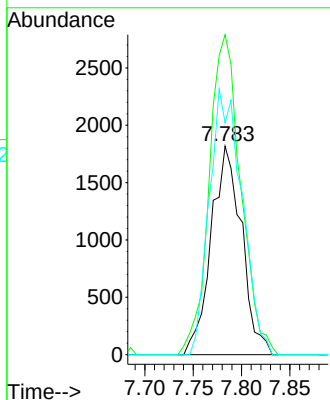
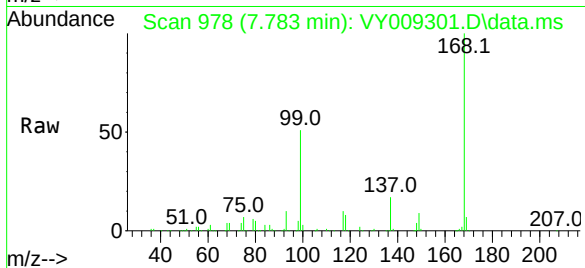




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

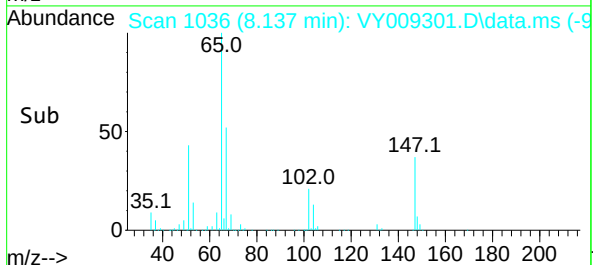
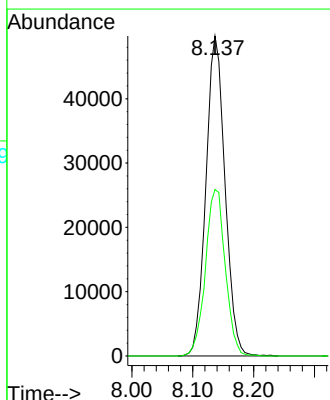
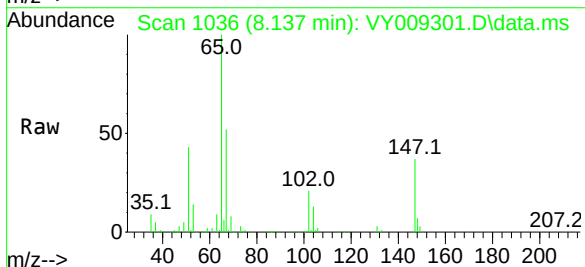
Instrument :
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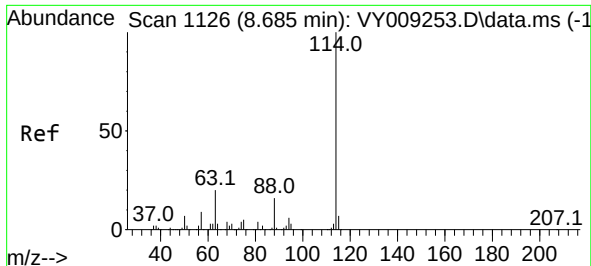
Tgt Ion: 56 Resp: 3977
Ion Ratio Lower Upper
56 100
69 153.5 26.7 40.1#
84 111.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.459 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 65 Resp: 108329
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

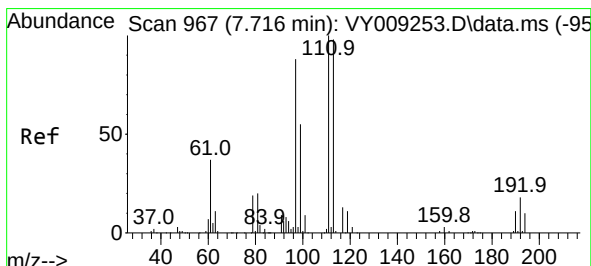
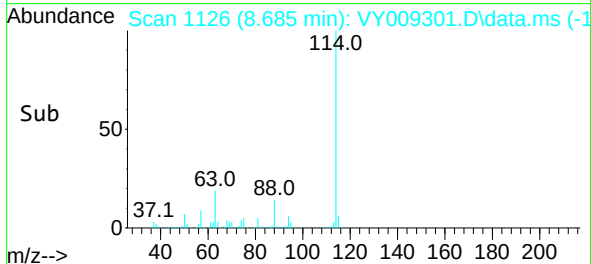
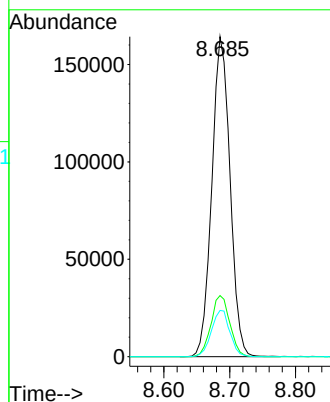
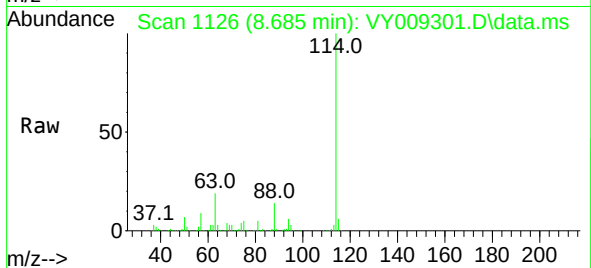




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

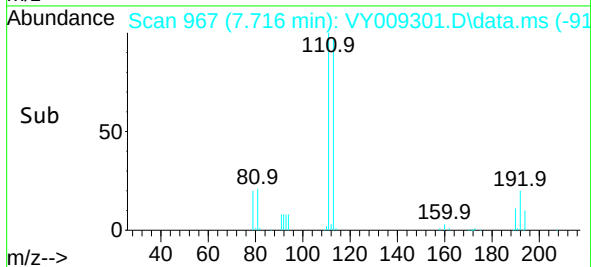
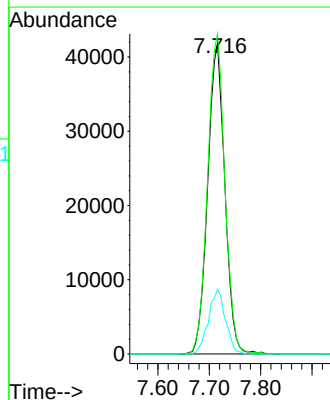
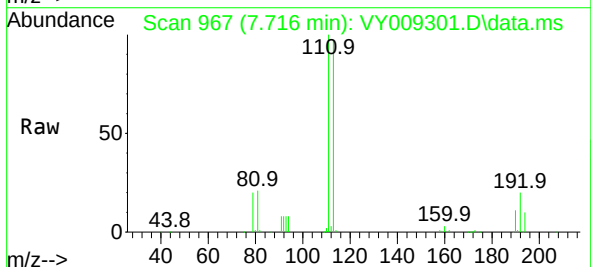
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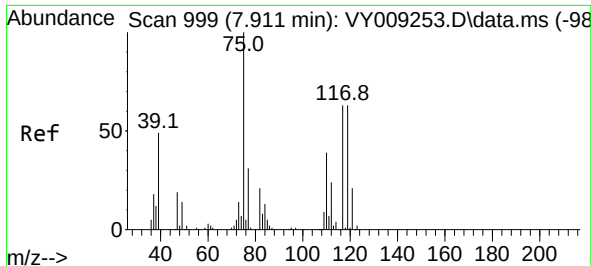
Tgt Ion:	114	Resp:	316875
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	14.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.178 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion:	113	Resp:	96817
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	20.7	17.6	26.4

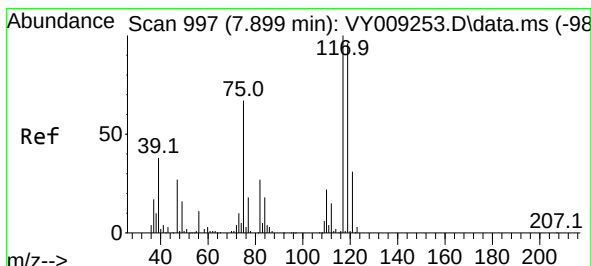
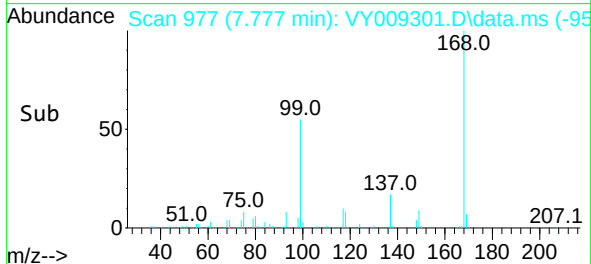
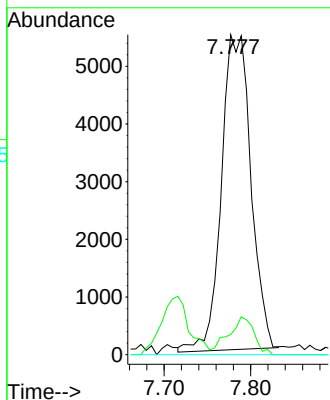
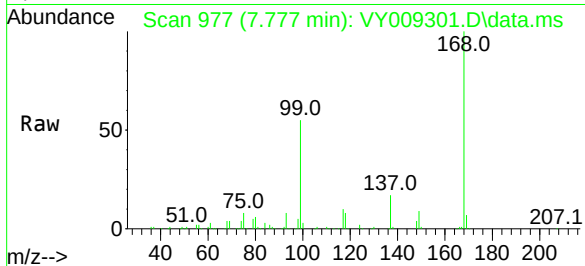




#36
1,1-Dichloropropene
Concen: 4.132 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

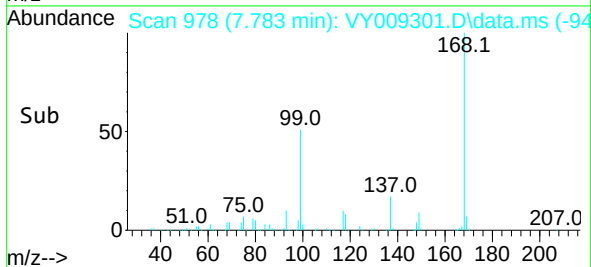
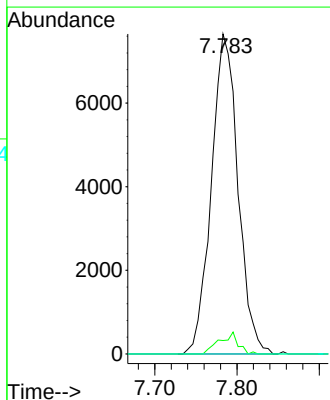
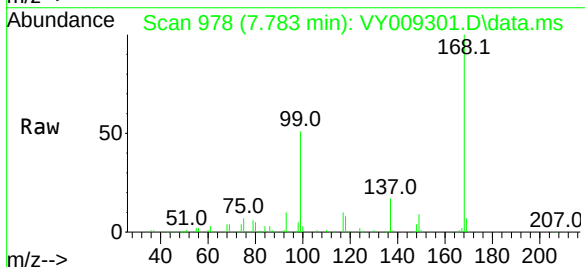
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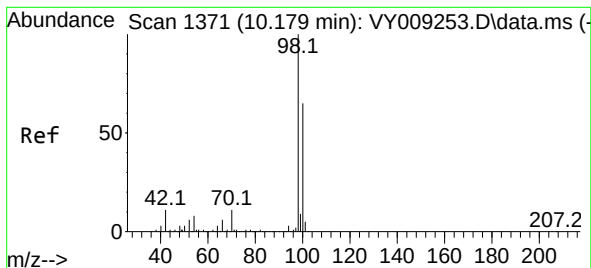
Tgt Ion: 75 Resp: 12906
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 117 Resp: 17215
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#

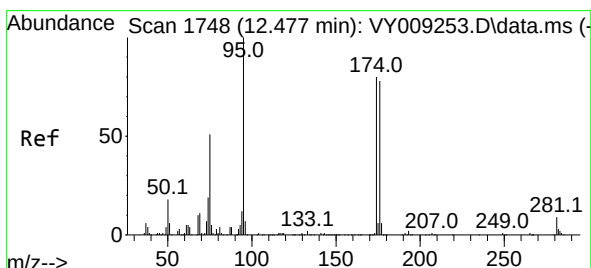
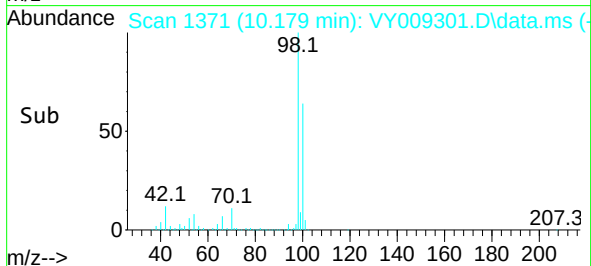
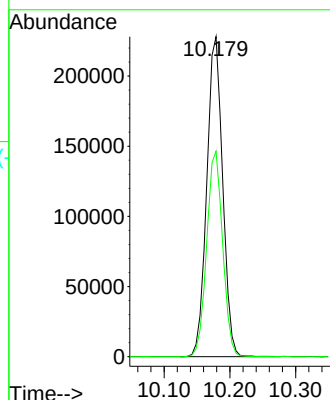
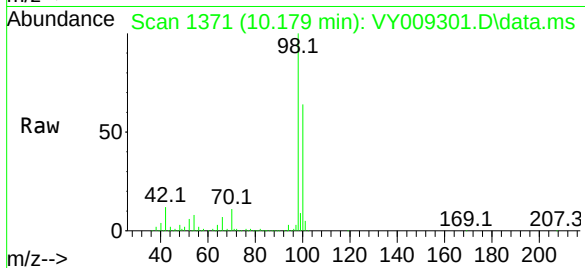




#50
Toluene-d8
Concen: 48.617 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

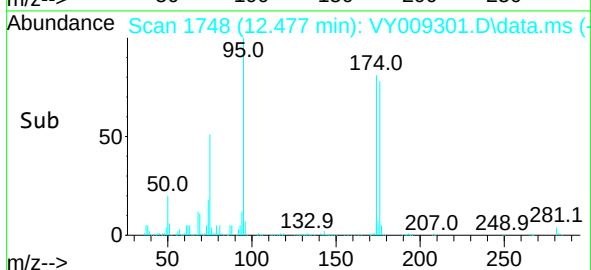
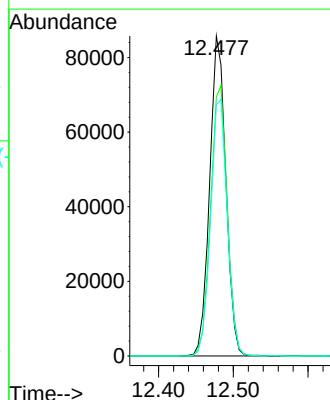
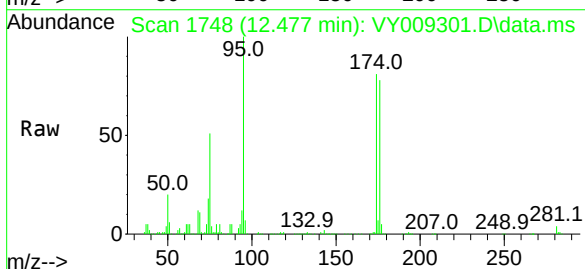
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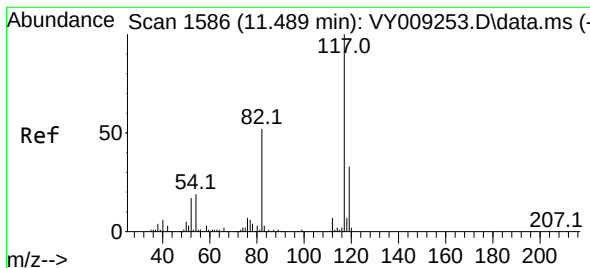
Tgt Ion: 98 Resp: 383263
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 95 Resp: 129155
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 82.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009301.D

Acq: 23 Jun 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-18-20-20220622

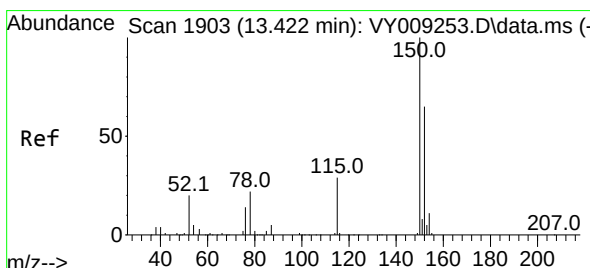
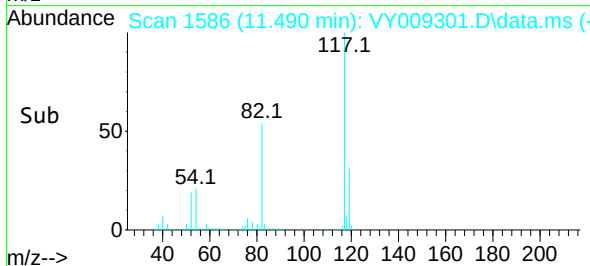
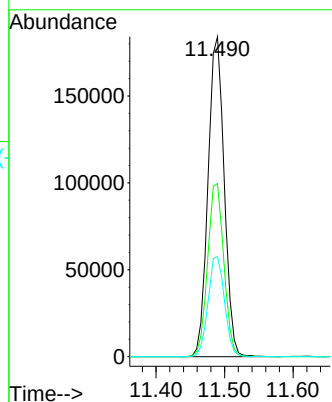
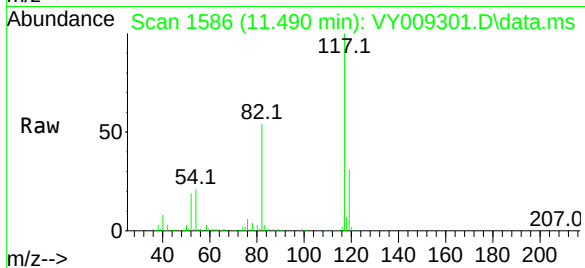
Tgt Ion:117 Resp: 302203

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 31.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009301.D

Acq: 23 Jun 2022 17:54

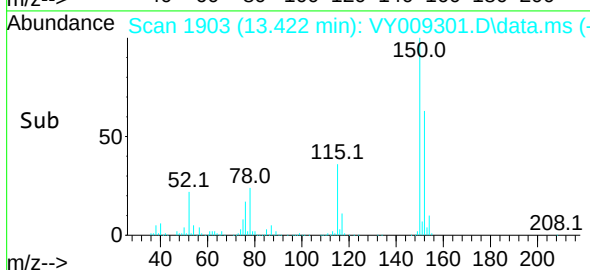
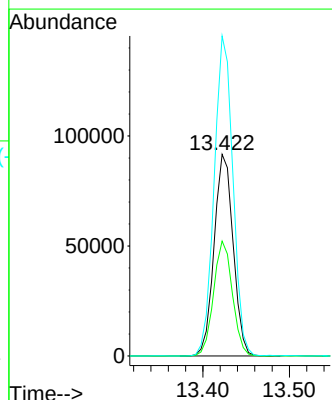
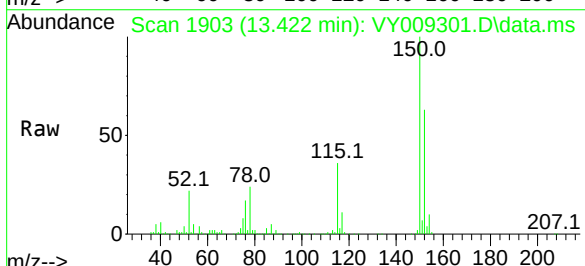
Tgt Ion:152 Resp: 140119

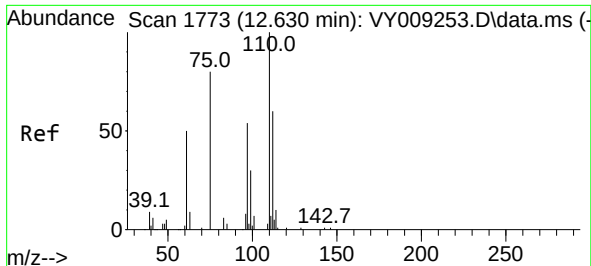
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 156.3 0.0 347.6

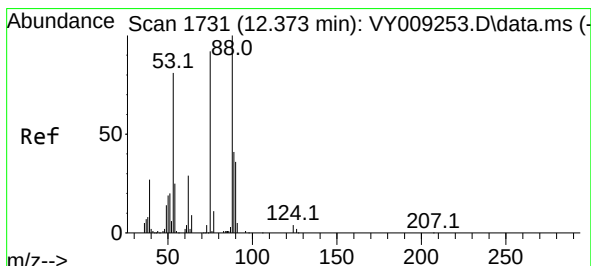
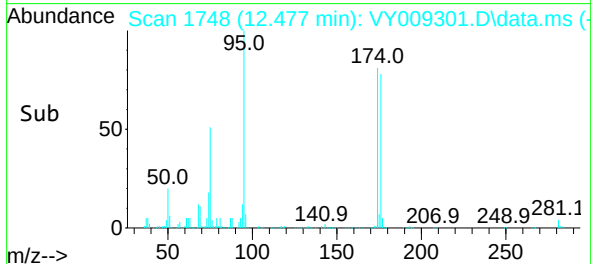
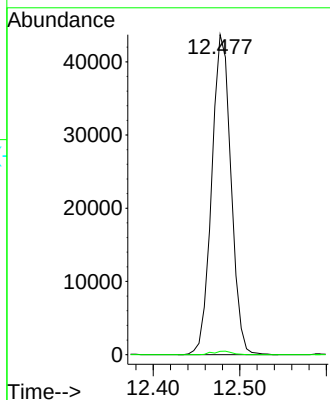
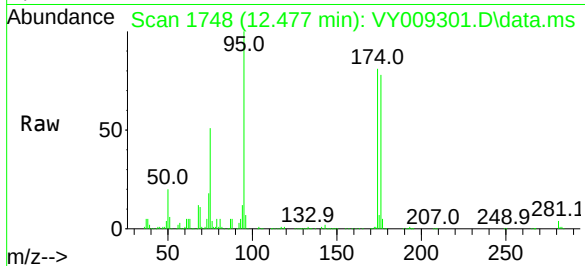




#76
1,2,3-Trichloropropane
Concen: 41.231 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-18-20-20220622

Tgt Ion: 75 Resp: 67733
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.424 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009301.D
Acq: 23 Jun 2022 17:54

Tgt Ion: 75 Resp: 67733
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

