

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010237.D
 Acq On : 31 Aug 2022 12:00
 Operator : KP/MD
 Sample : N4338-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 YANNUZZI-PLYMOUTH-PROJECT

Quant Time: Aug 31 14:45:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

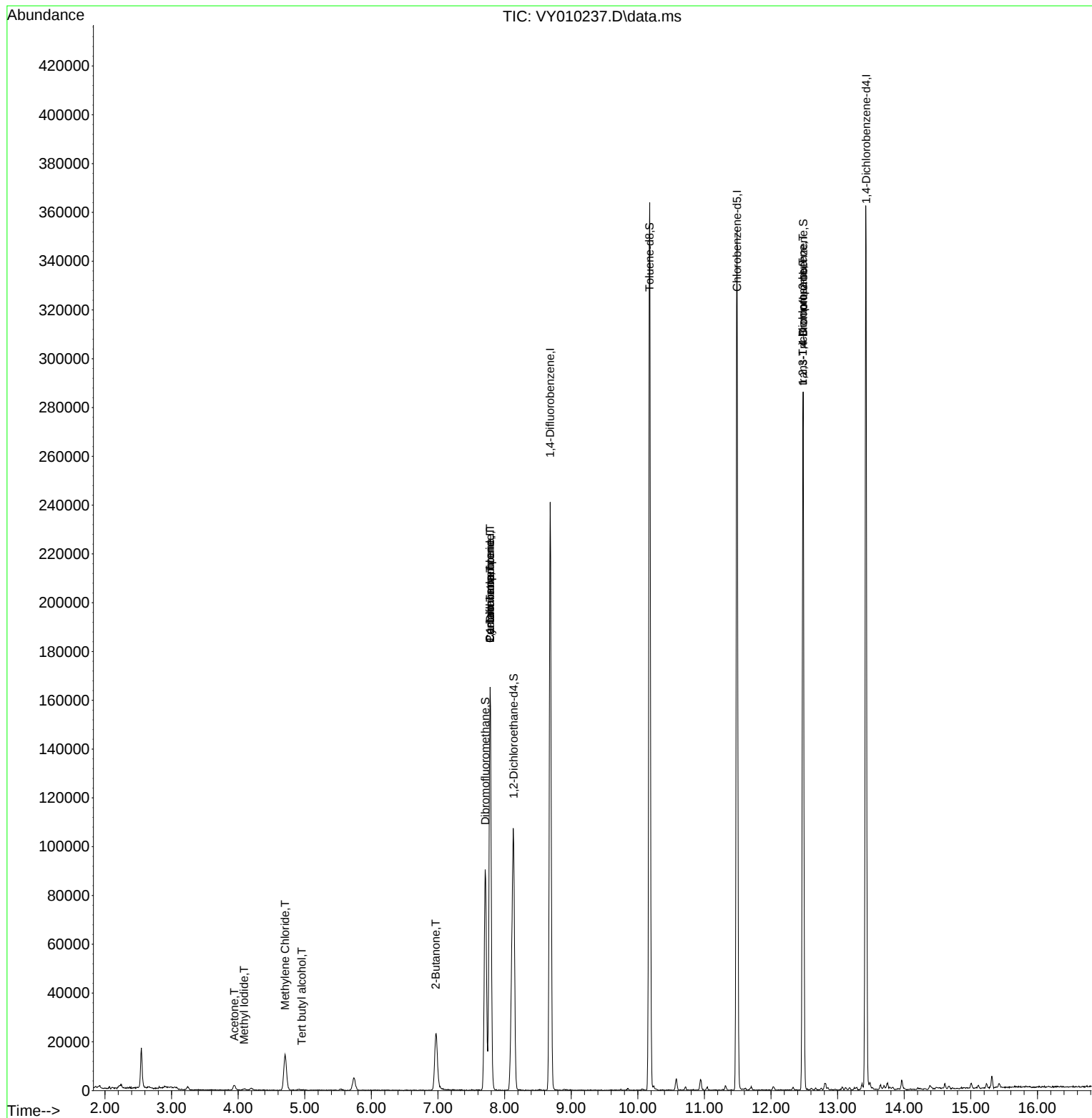
Internal Standards						
1) Pentafluorobenzene	7.783	168	140137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69365	58.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.780%	
35) Dibromofluoromethane	7.710	113	63643	51.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.160%	
50) Toluene-d8	10.179	98	248846	53.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.483	95	82915	47.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	897	1.945	ug/l #	82
11) Tert butyl alcohol	4.954	59	249	2.109	ug/l #	77
16) Acetone	3.942	43	3749	15.112	ug/l	95
20) Methylene Chloride	4.704	84	11749	8.043	ug/l #	82
25) 2-Butanone	6.966	43	567	1.327	ug/l	99
31) Cyclohexane	7.783	56	2244	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8692	4.584	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13035	5.992	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	41551	41.278	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41551	86.120	ug/l #	7

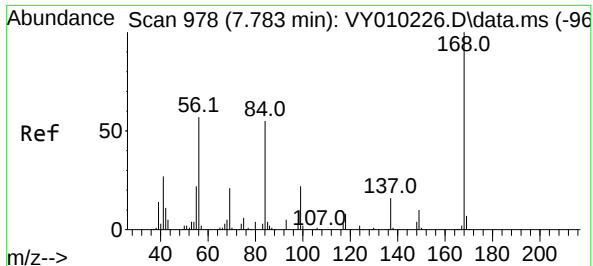
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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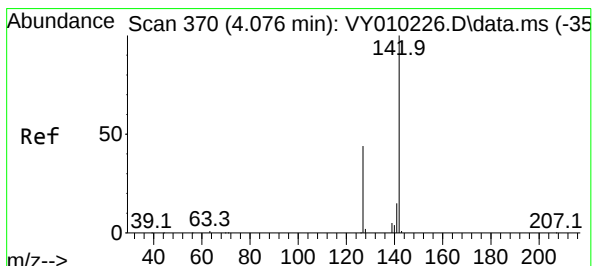
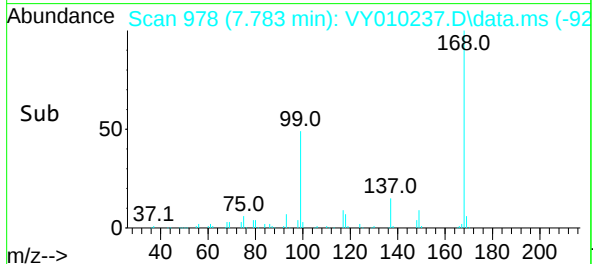
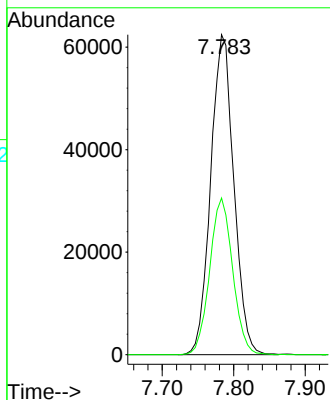
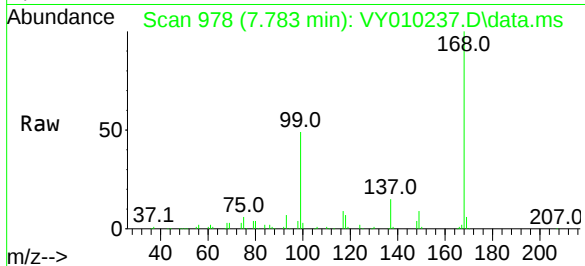




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

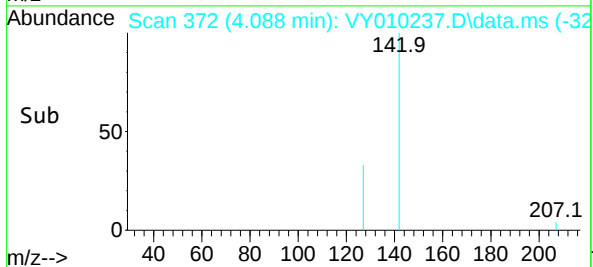
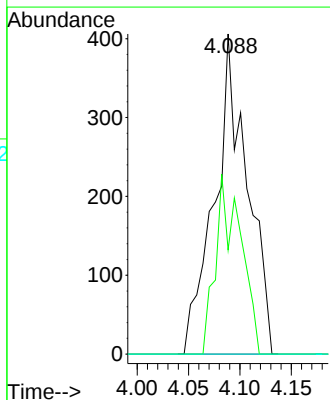
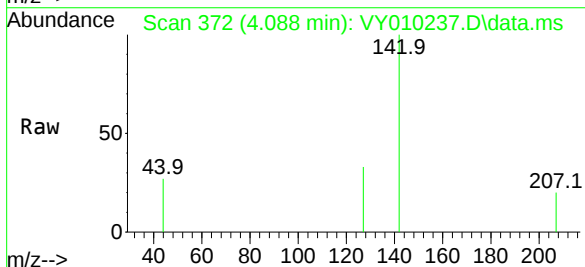
Instrument :
MSVOA_Y
ClientSampleId :
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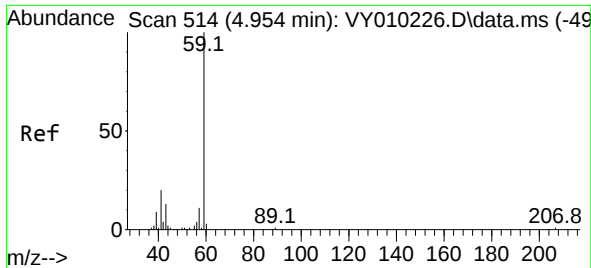
Tgt Ion:168 Resp: 140137
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.945 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Tgt Ion:142 Resp: 897
Ion Ratio Lower Upper
142 100
127 43.3 41.5 62.3
141 0.0 11.9 17.9#

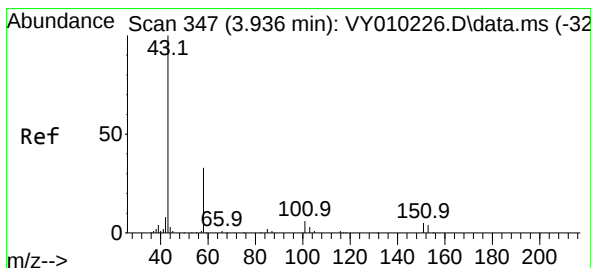
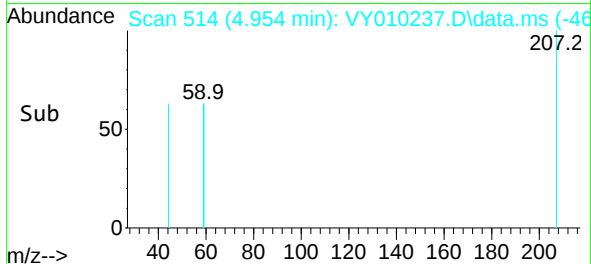
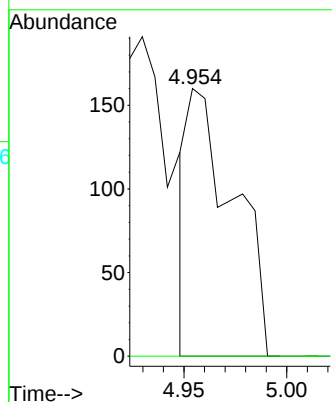
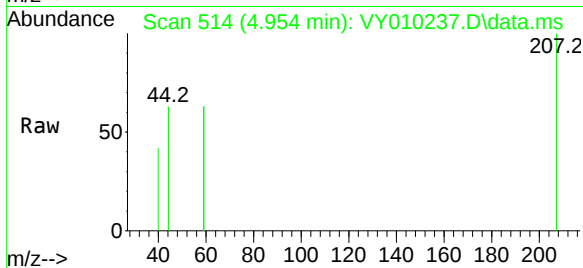




#11
Tert butyl alcohol
Concen: 2.109 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

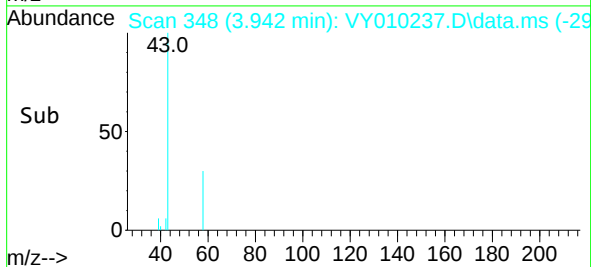
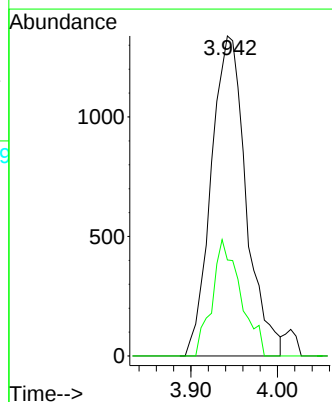
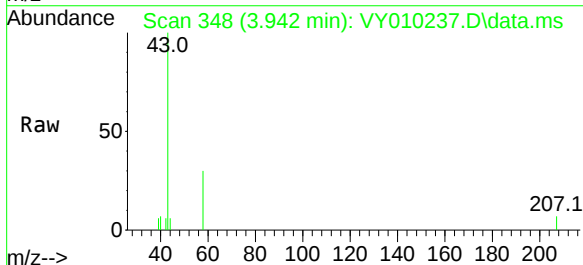
Instrument : MSVOA_Y
ClientSampleId : YANNUZZI-PLYMOUTH-PROJECT

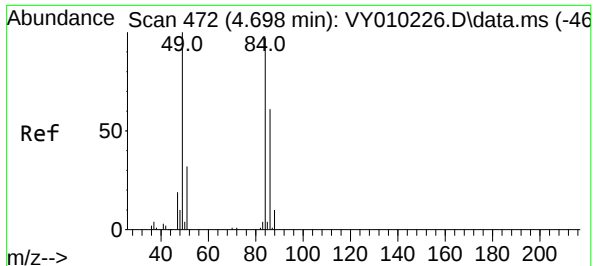
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 15.112 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Tgt Ion: 43 Resp: 3749
Ion Ratio Lower Upper
43 100
58 30.0 22.0 33.0

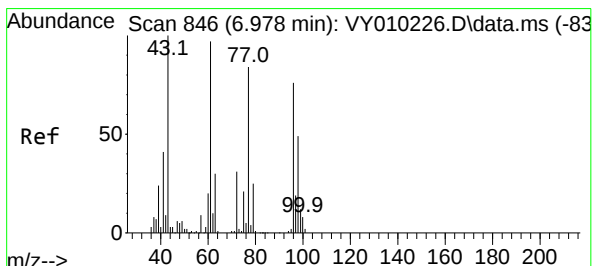
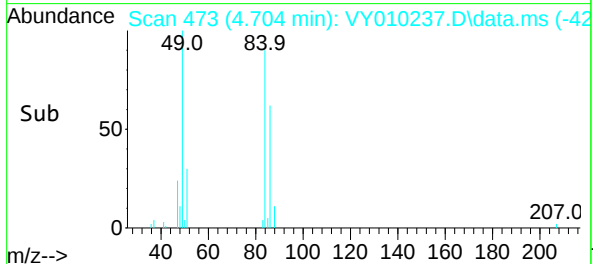
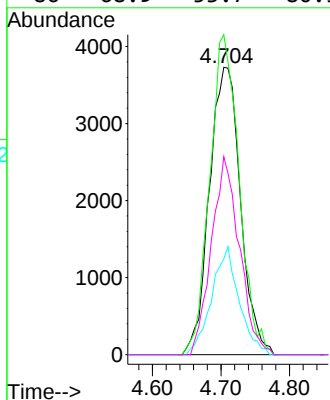
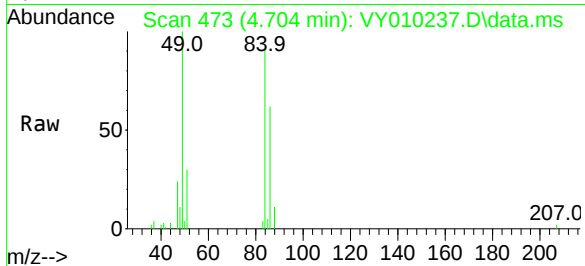




#20
Methylene Chloride
Concen: 8.043 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

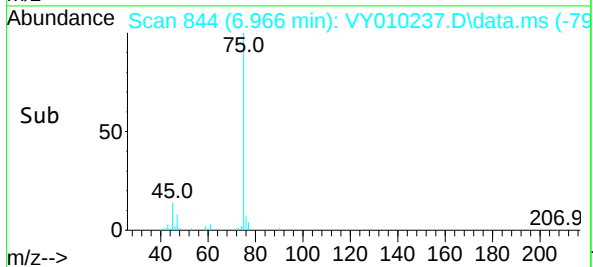
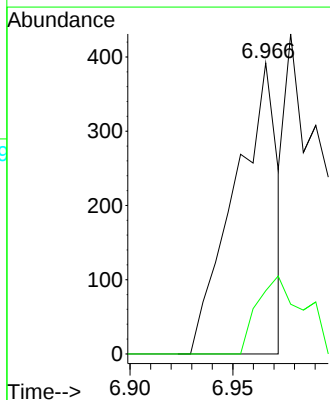
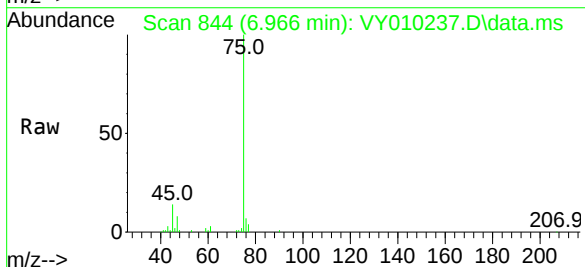
Instrument :
MSVOA_Y
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT

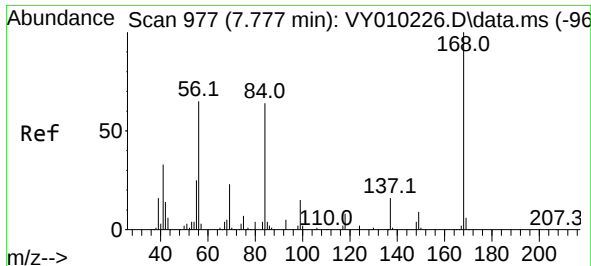
Tgt Ion:	84	Resp:	11749
Ion	Ratio	Lower	Upper
84	100		
49	111.4	114.4	171.6#
51	33.3	35.3	52.9#
86	68.9	53.7	80.5



#25
2-Butanone
Concen: 1.327 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Tgt Ion:	43	Resp:	567
Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.7	26.5

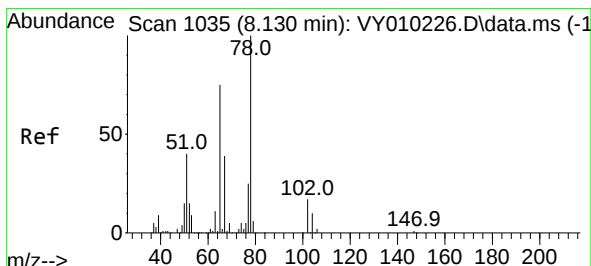
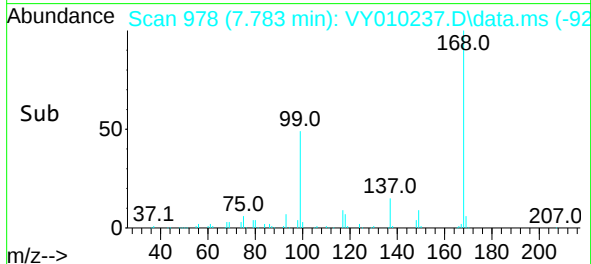
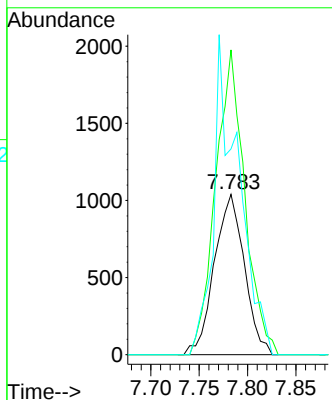
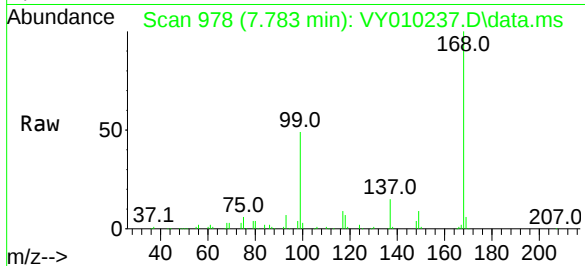




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

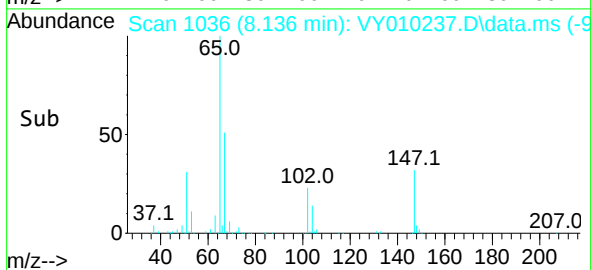
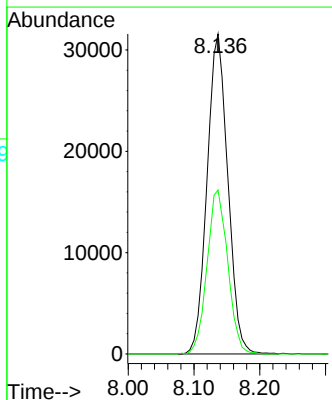
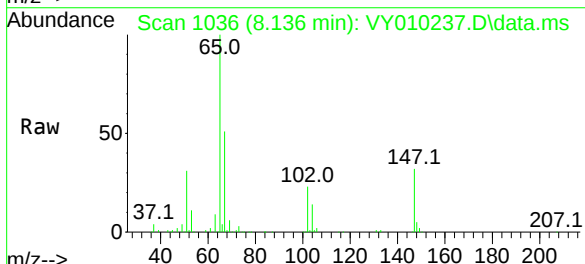
Instrument :
MSVOA_Y
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT

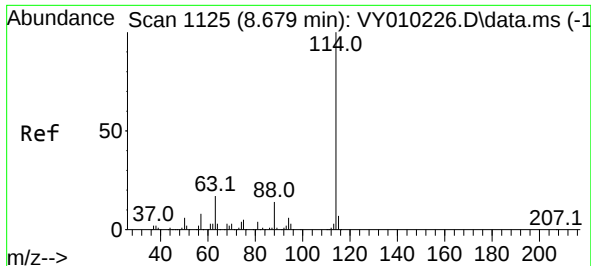
Tgt Ion: 56 Resp: 2244
Ion Ratio Lower Upper
56 100
69 190.0 26.7 40.1#
84 128.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.893 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Tgt Ion: 65 Resp: 69365
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010237.D

Acq: 31 Aug 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

YANNUZZI-PLYMOUTH-PROJECT

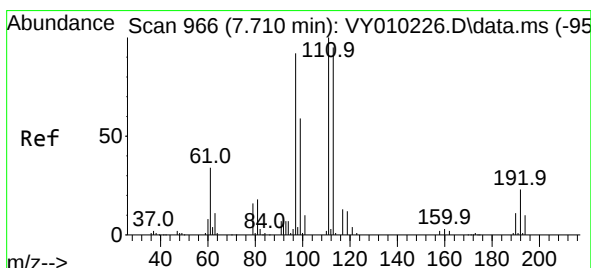
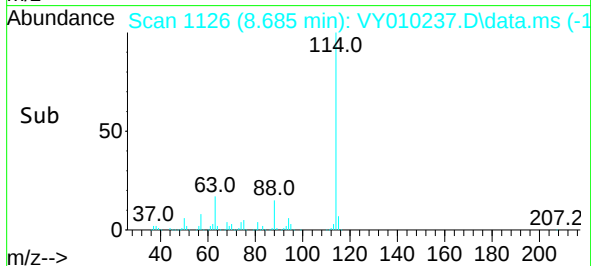
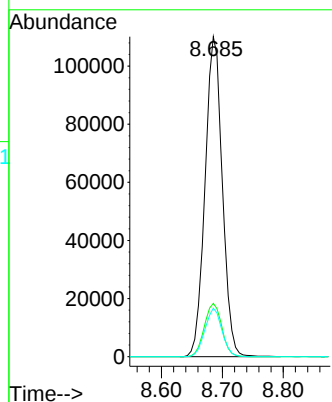
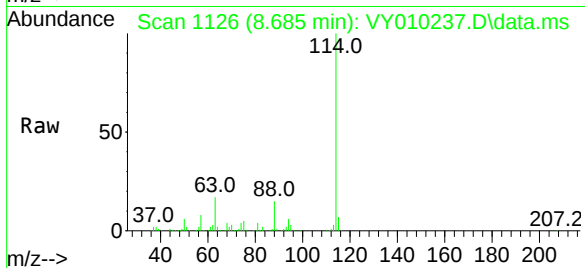
Tgt Ion:114 Resp: 217398

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.081 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010237.D

Acq: 31 Aug 2022 12:00

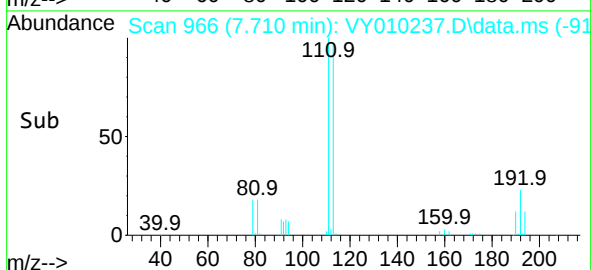
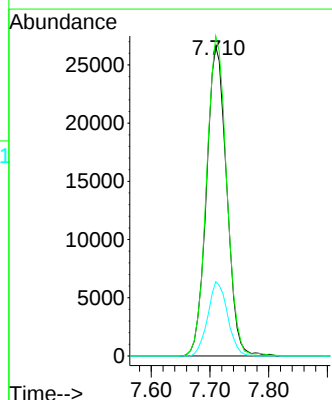
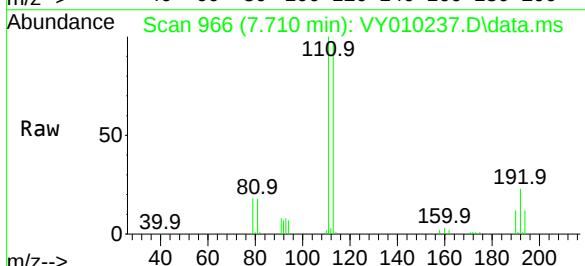
Tgt Ion:113 Resp: 63643

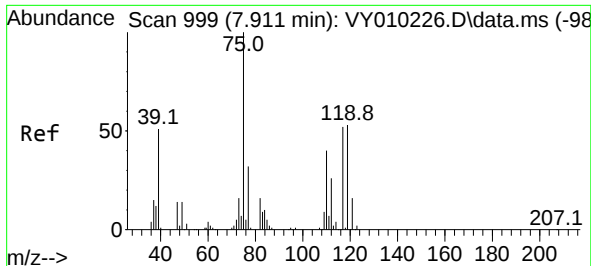
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 23.4 17.6 26.4

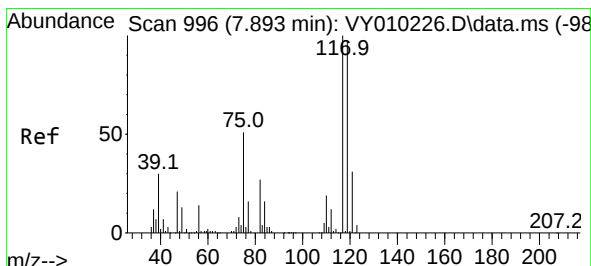
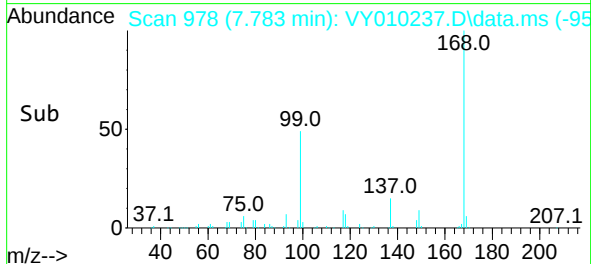
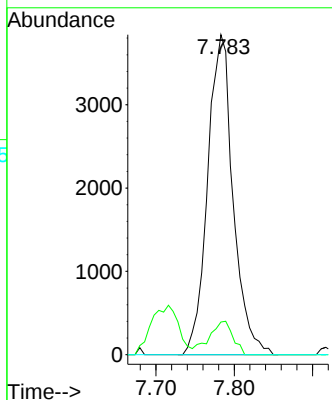
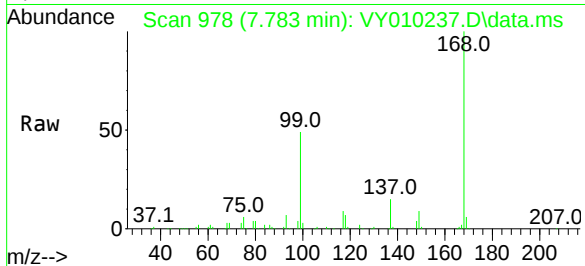




#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

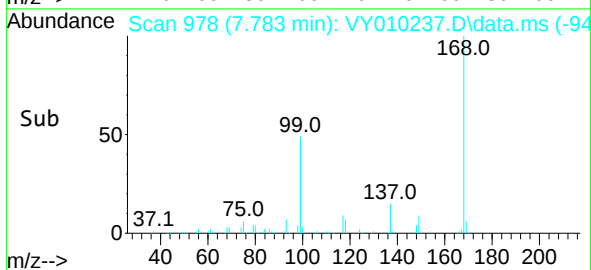
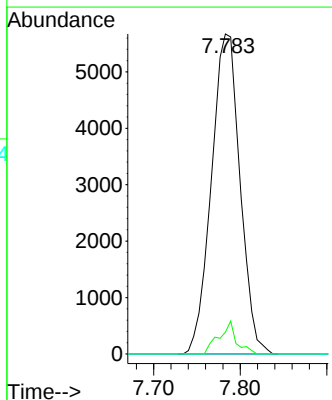
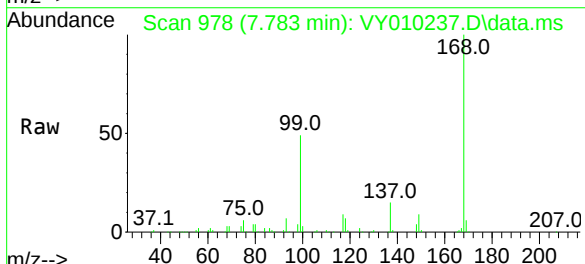
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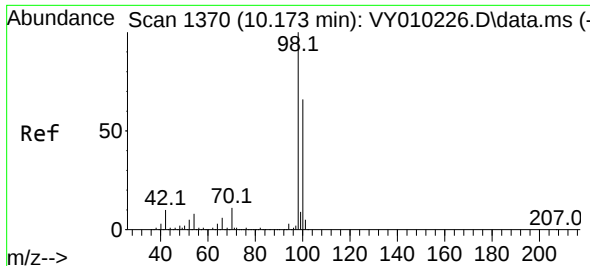
Tgt Ion: 75 Resp: 8692
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.992 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Tgt Ion: 117 Resp: 13035
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#

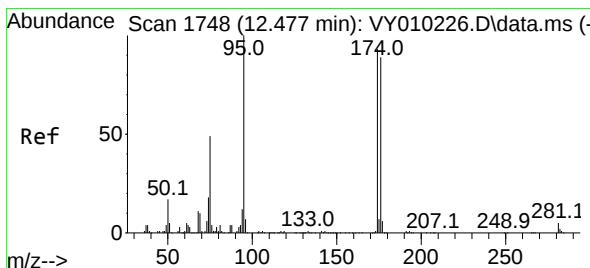
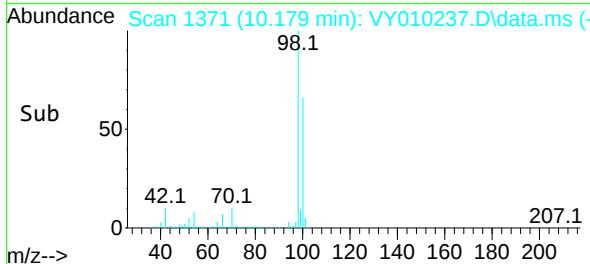
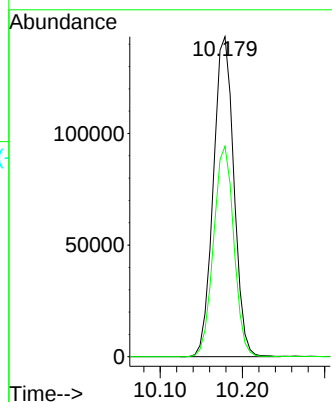
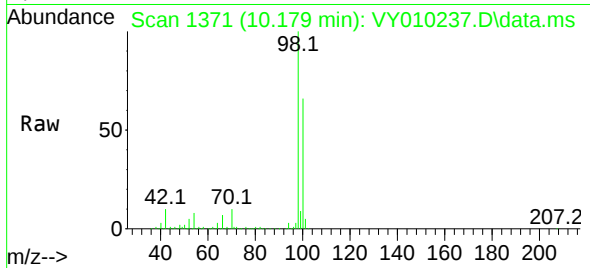




#50
Toluene-d8
Concen: 53.604 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

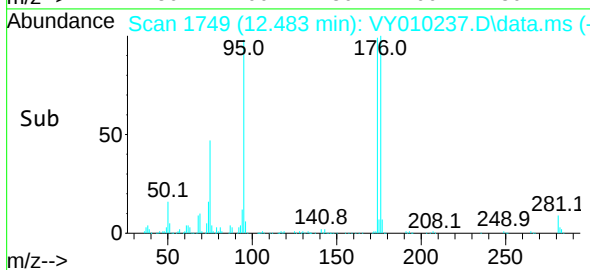
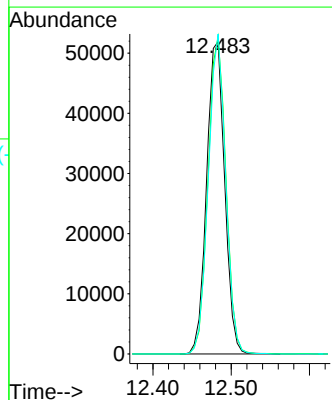
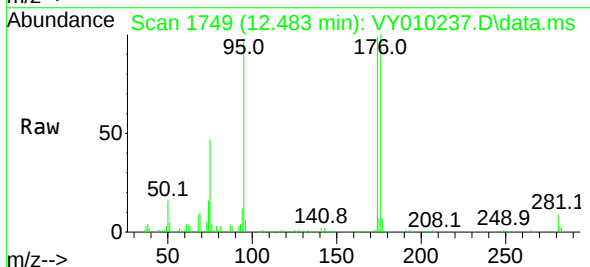
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YANNUZZI-PLYMOUTH-PROJECT

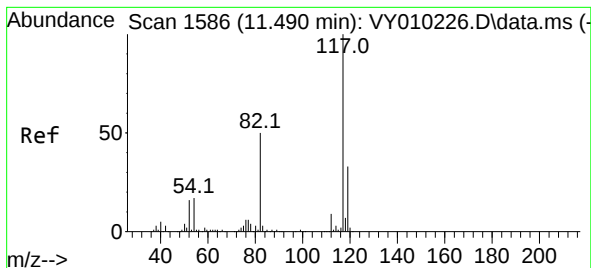
Tgt Ion: 98 Resp: 248846
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Tgt Ion: 95 Resp: 82915
Ion Ratio Lower Upper
95 100
174 100.5 0.0 177.0
176 98.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010237.D

Acq: 31 Aug 2022 12:00

Instrument :

MSVOA_Y

ClientSampleId :

YANNUZZI-PLYMOUTH-PROJECT

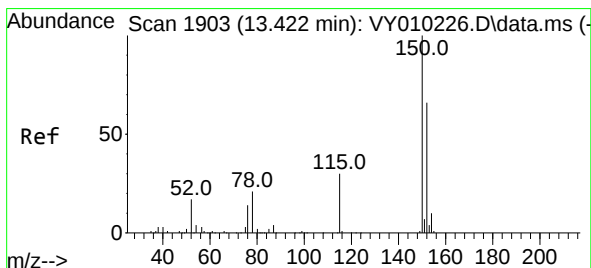
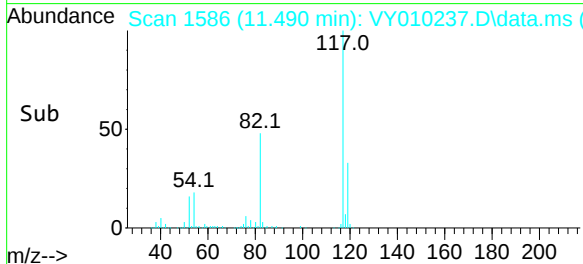
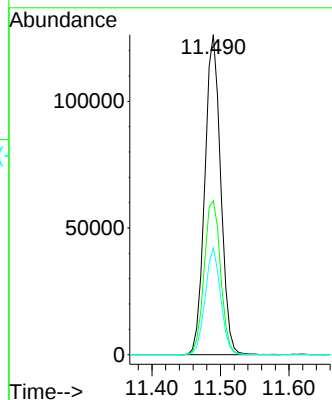
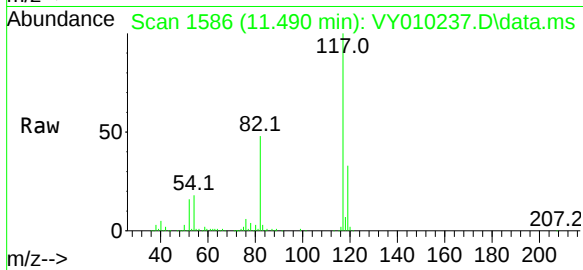
Tgt Ion:117 Resp: 203897

Ion Ratio Lower Upper

117 100

82 48.2 43.0 64.4

119 33.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010237.D

Acq: 31 Aug 2022 12:00

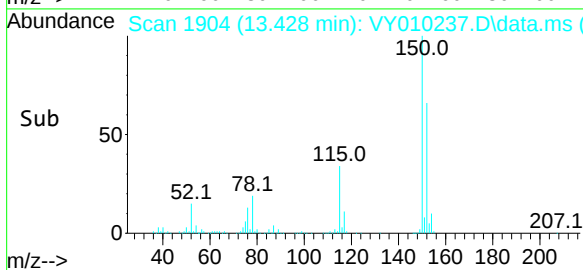
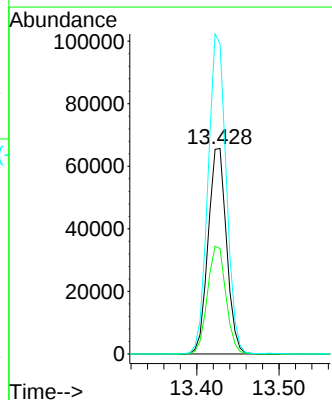
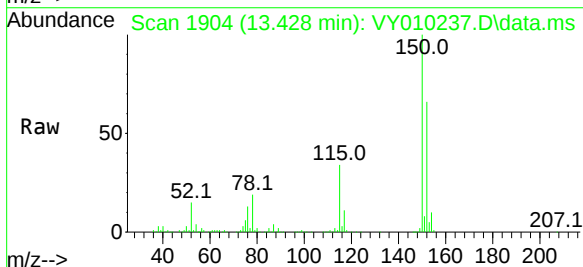
Tgt Ion:152 Resp: 102370

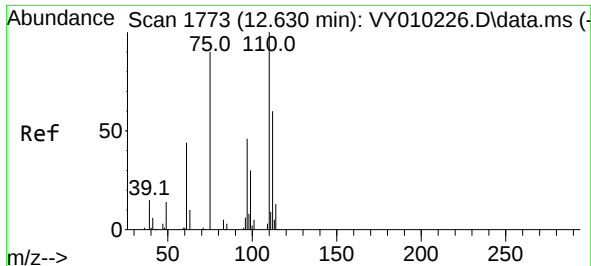
Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 154.5 0.0 347.6

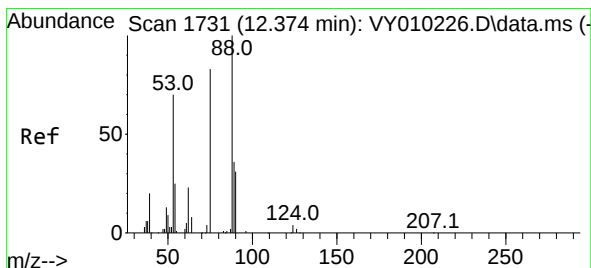
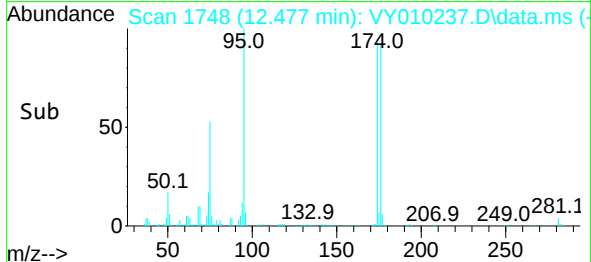
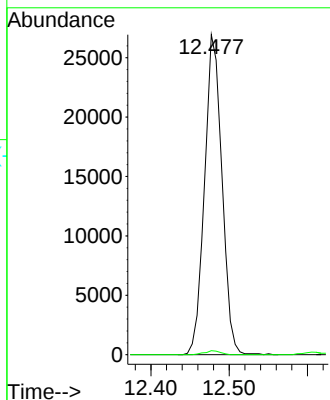
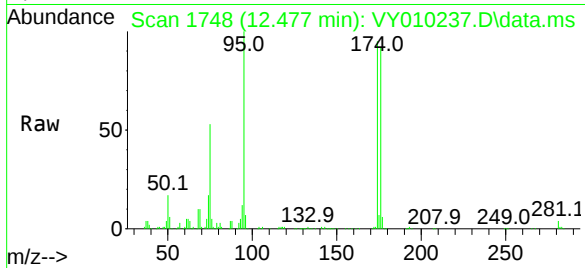




#76
1,2,3-Trichloropropane
Concen: 41.278 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Instrument :
MSVOA_Y
ClientSampleId :
YANNUZZI-PLYMOUTH-PROJECT

Tgt Ion: 75 Resp: 41551
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010237.D
Acq: 31 Aug 2022 12:00

Tgt Ion: 75 Resp: 41551
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

