

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010176.D
 Acq On : 23 Aug 2022 19:31
 Operator : KP/MD
 Sample : N4283-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 337

Quant Time: Aug 24 04:34:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

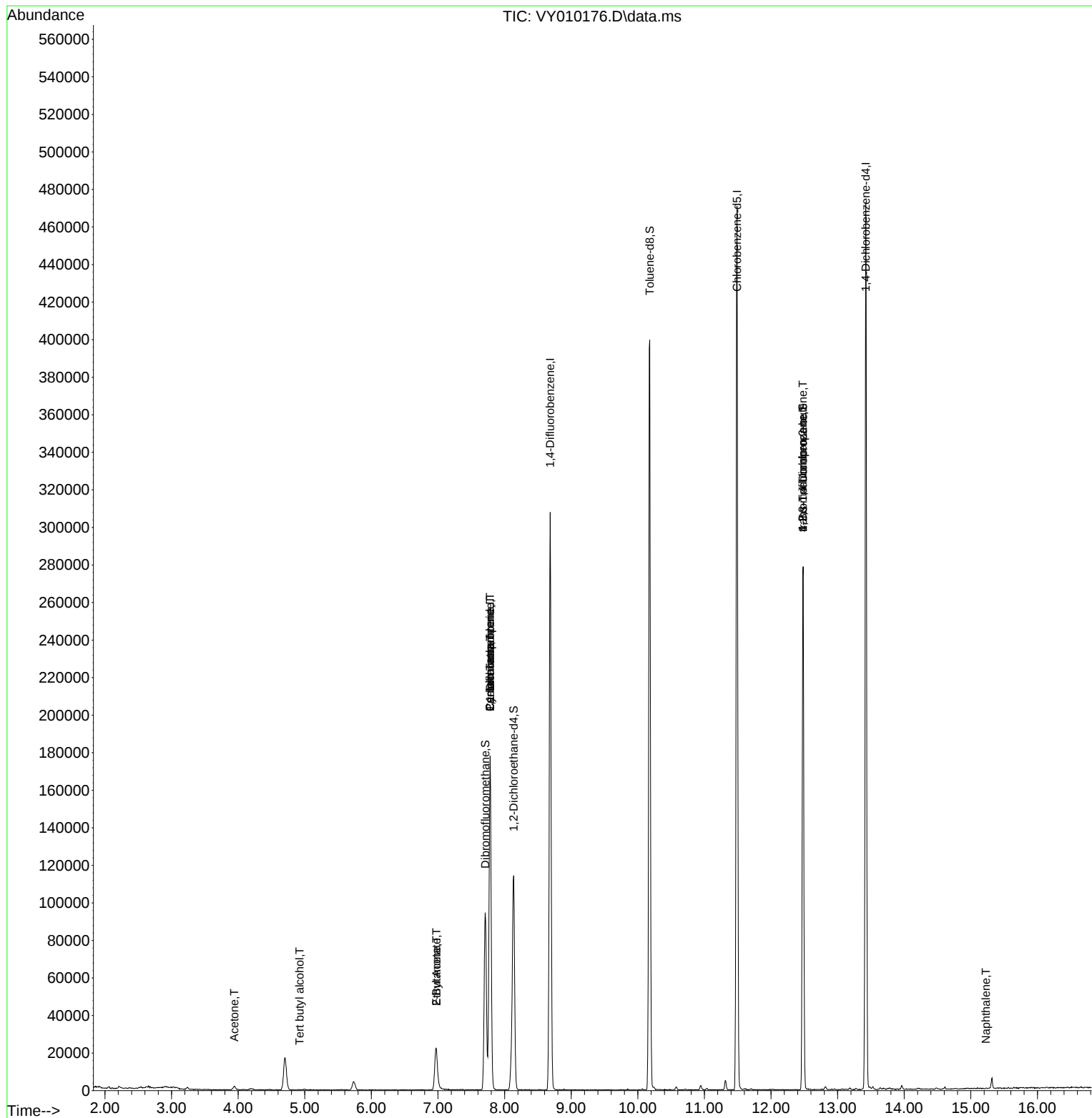
Internal Standards						
1) Pentafluorobenzene	7.783	168	140000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80496	70.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.400%
35) Dibromofluoromethane	7.710	113	68744	46.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.880%
50) Toluene-d8	10.179	98	268545	48.939	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.477	95	84746	43.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	223	12.252	ug/l #	73
16) Acetone	3.942	43	3461	12.059	ug/l	95
20) Methylene Chloride	4.704	84	12819	Below Cal		93
25) 2-Butanone	6.978	43	1300	2.816	ug/l #	46
31) Cyclohexane	7.783	56	2729	1.162	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	10495	4.490	ug/l #	49
37) Ethyl Acetate	6.978	43	1300	1.095	ug/l #	1
38) Carbon Tetrachloride	7.783	117	13346	5.444	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	41891	36.596	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41891	73.504	ug/l #	18
95) Naphthalene	15.227	128	269	3.940	ug/l #	69

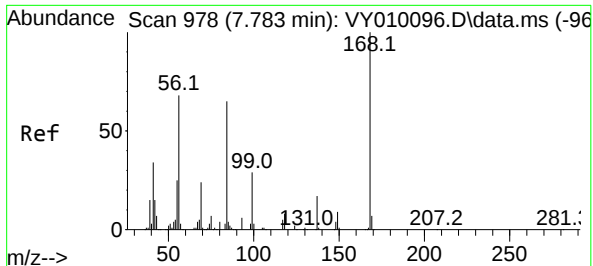
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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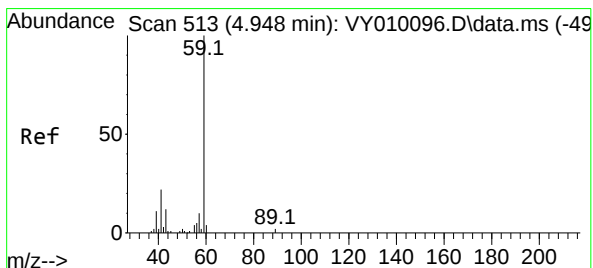
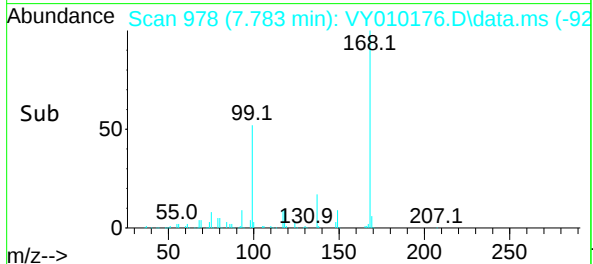
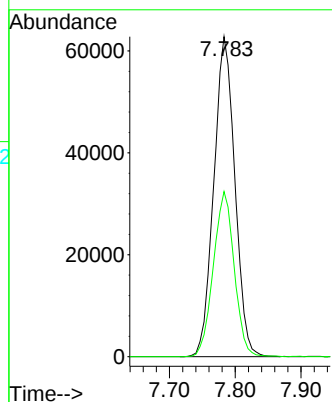
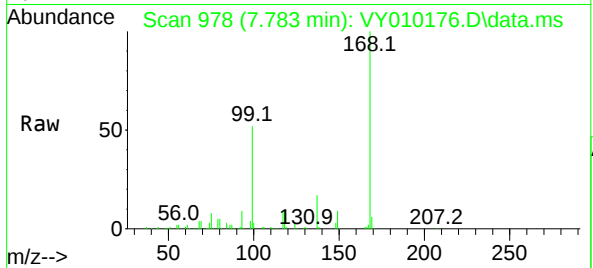




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

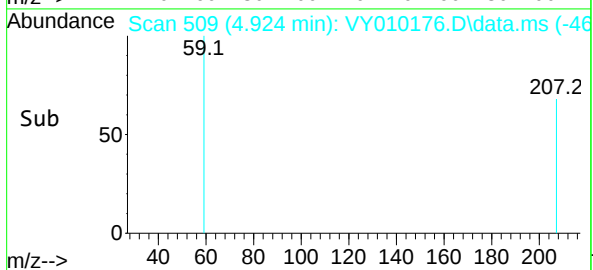
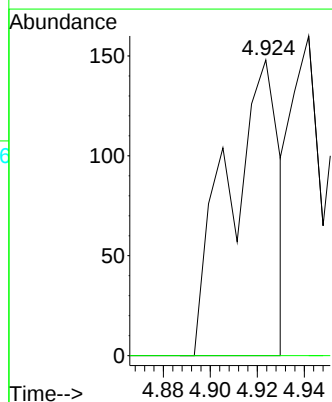
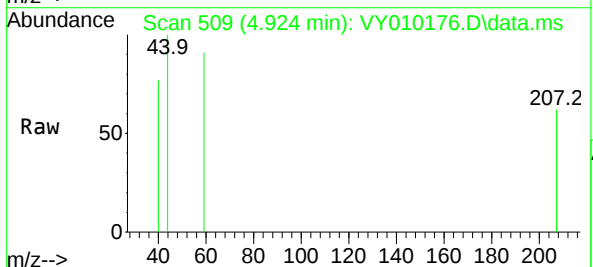
Instrument :
MSVOA_Y
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337

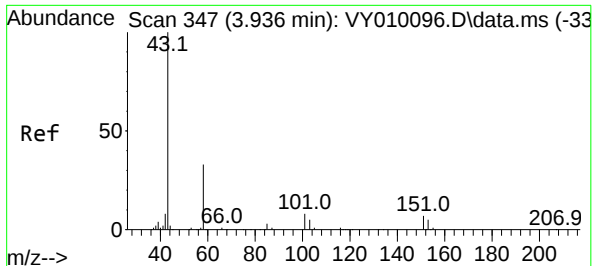
Tgt Ion:168 Resp: 140000
Ion Ratio Lower Upper
168 100
99 51.6 40.7 61.1



#11
Tert butyl alcohol
Concen: 12.252 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

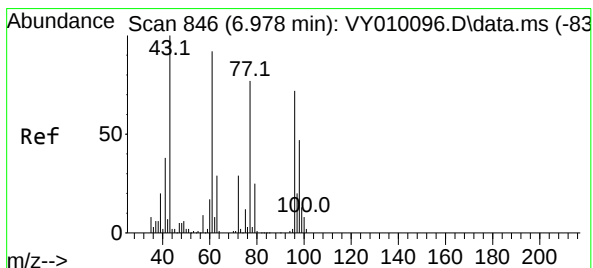
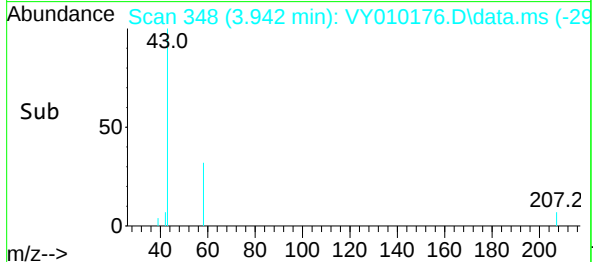
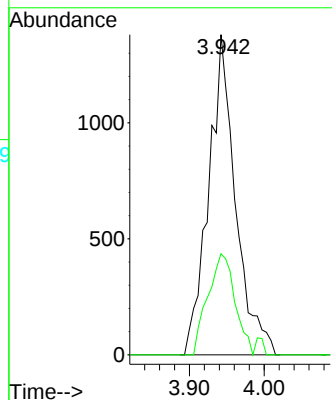
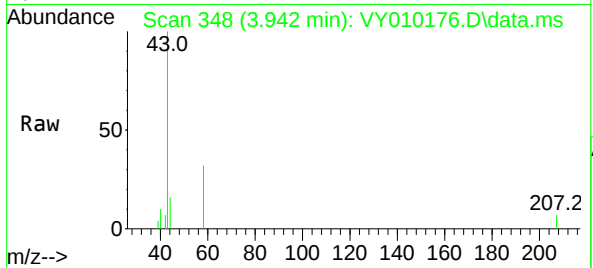




#16
Acetone
Concen: 12.059 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

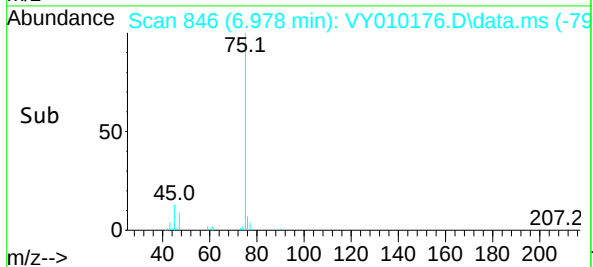
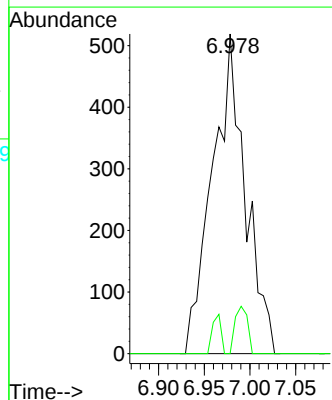
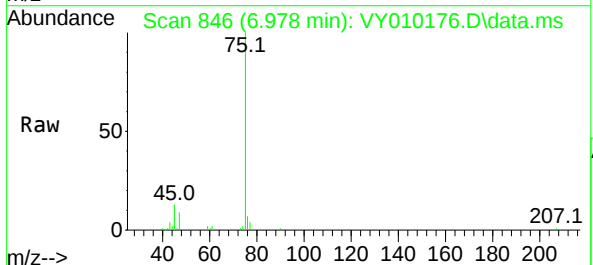
Instrument :
MSVOA_Y
ClientSampleId :
337

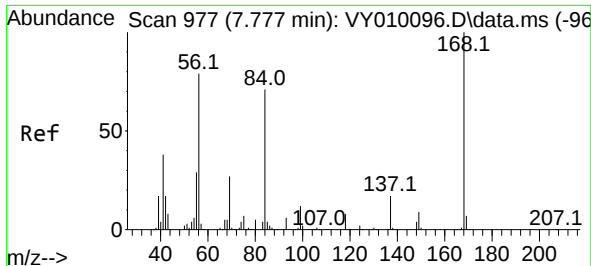
Tgt Ion: 43 Resp: 3461
Ion Ratio Lower Upper
43 100
58 31.6 27.4 41.0



#25
2-Butanone
Concen: 2.816 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#

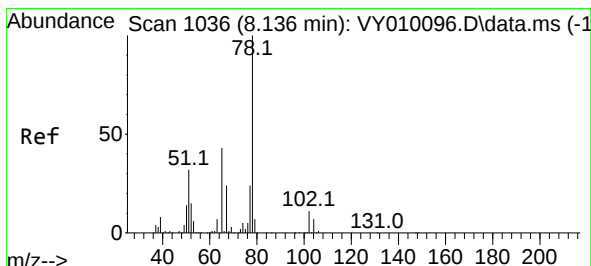
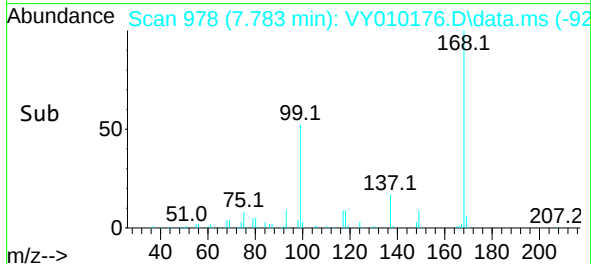
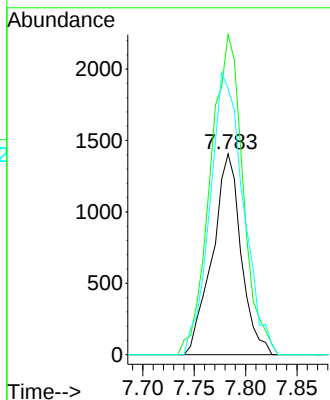
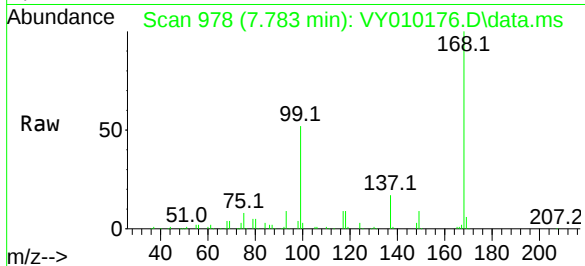




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

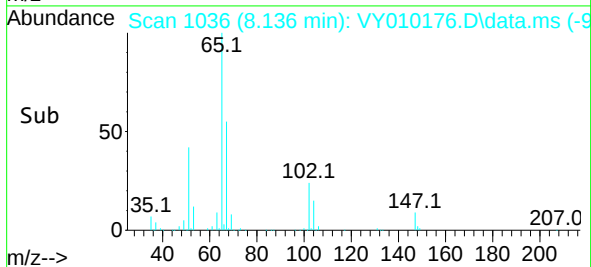
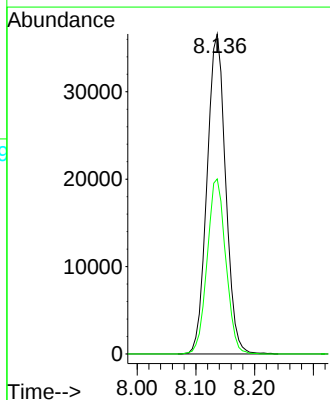
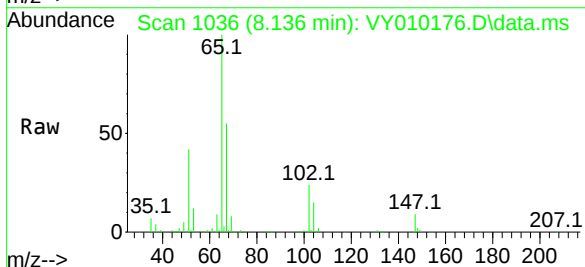
Instrument :
MSVOA_Y
ClientSampleId :
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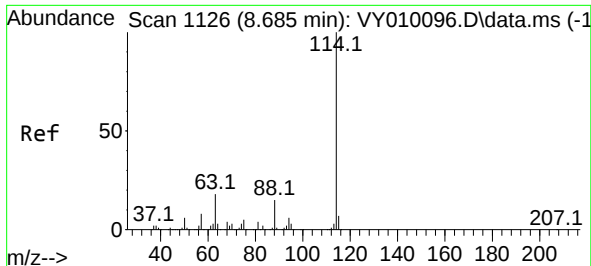
Tgt Ion: 56 Resp: 2729
Ion Ratio Lower Upper
56 100
69 159.4 27.3 40.9#
84 132.5 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 70.196 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion: 65 Resp: 80496
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.6

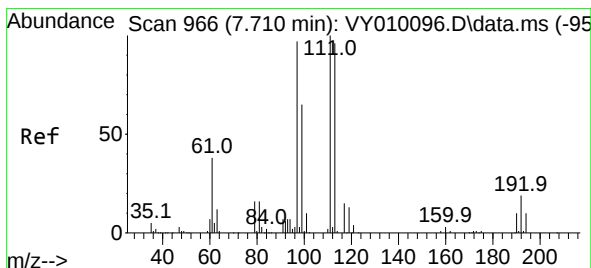
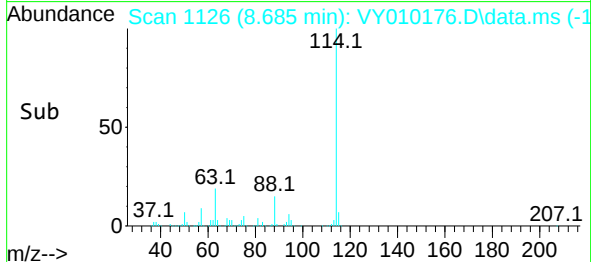
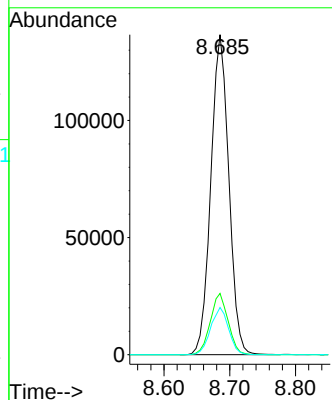
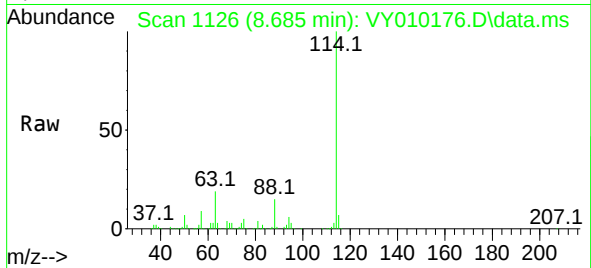




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

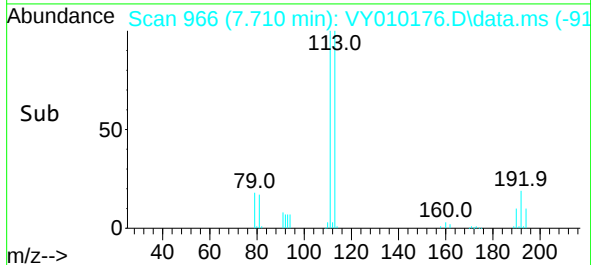
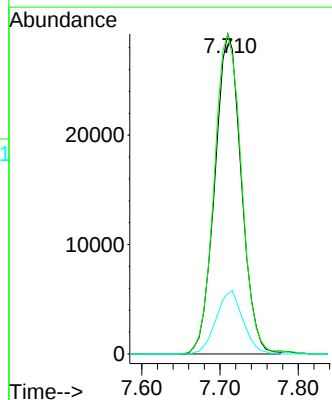
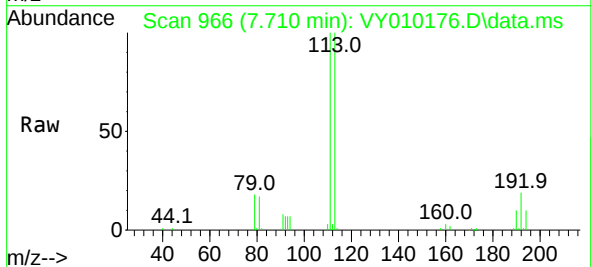
Instrument :
MSVOA_Y
ClientSampleId :
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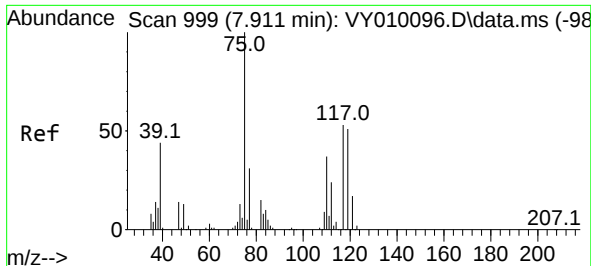
Tgt Ion:114 Resp: 259888
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.6
88 14.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.943 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion:113 Resp: 68744
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 20.1 16.3 24.5

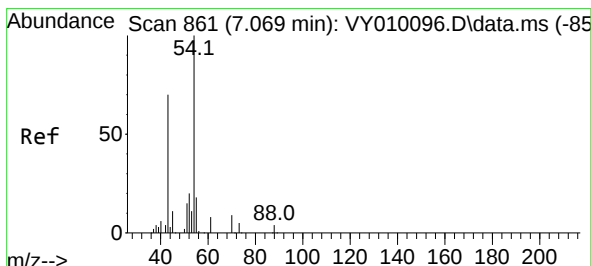
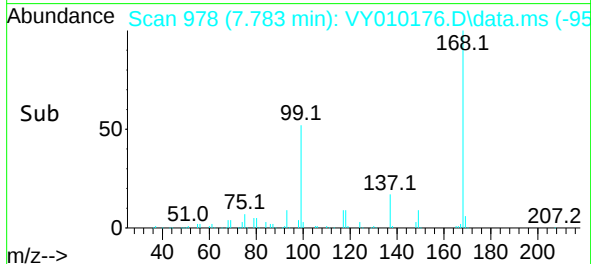
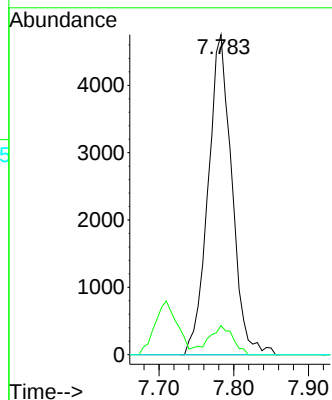
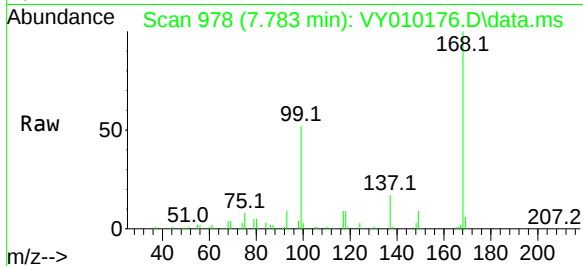




#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

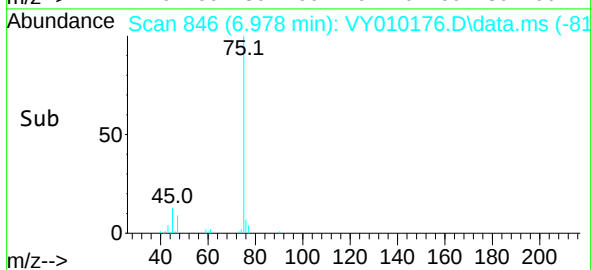
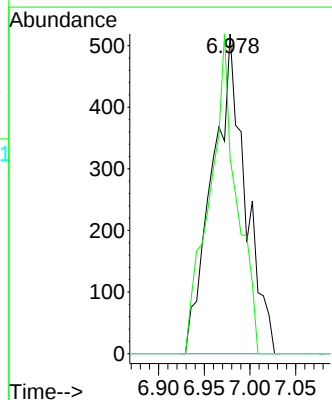
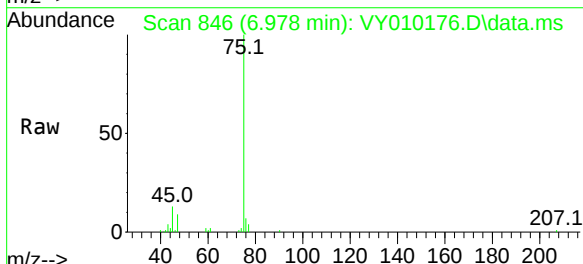
Instrument :
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ClientSampleId :
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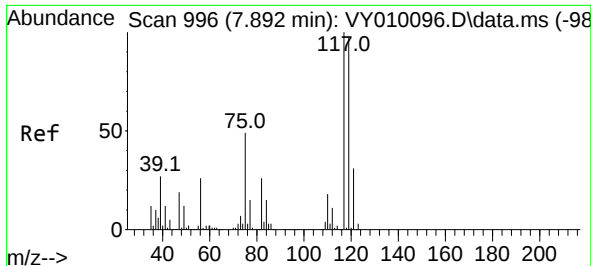
Tgt Ion: 75 Resp: 10495
Ion Ratio Lower Upper
75 100
110 9.1 18.6 56.0#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.095 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
61 81.9 11.7 17.5#
70 0.0 9.0 13.4#

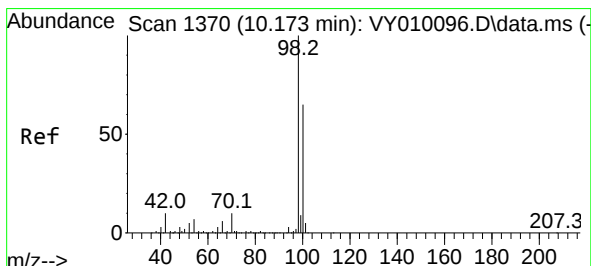
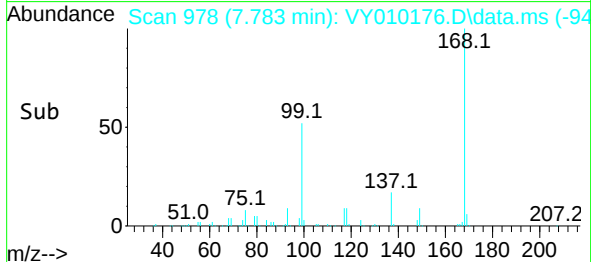
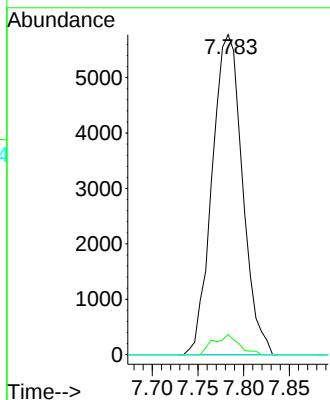
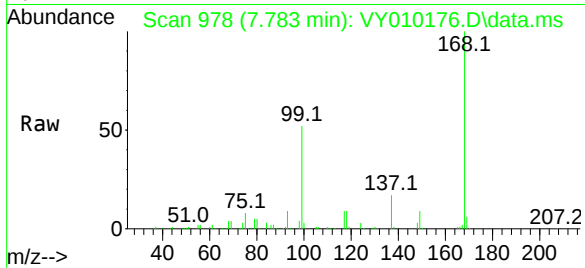




#38
Carbon Tetrachloride
Concen: 5.444 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

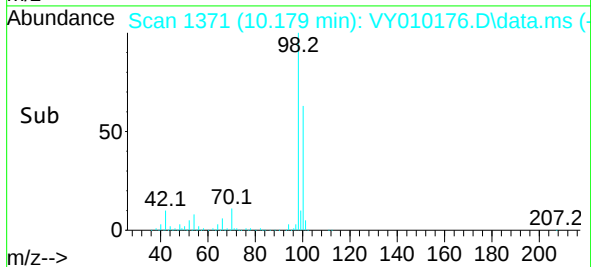
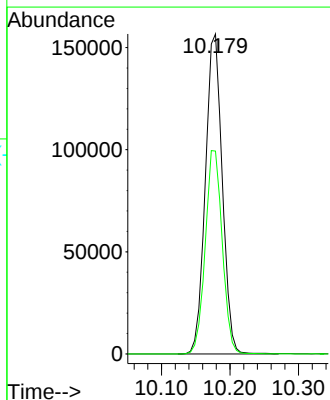
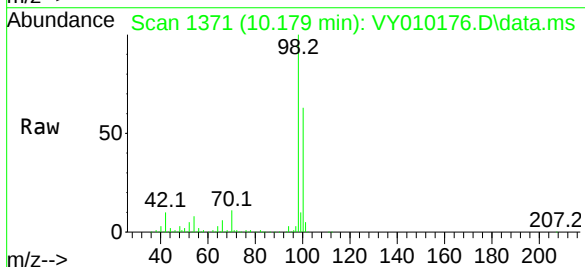
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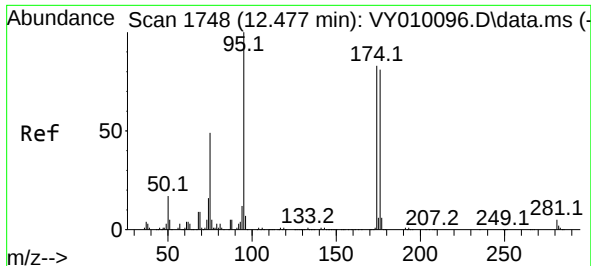
Tgt Ion:117 Resp: 13346
Ion Ratio Lower Upper
117 100
119 6.3 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.939 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion: 98 Resp: 268545
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

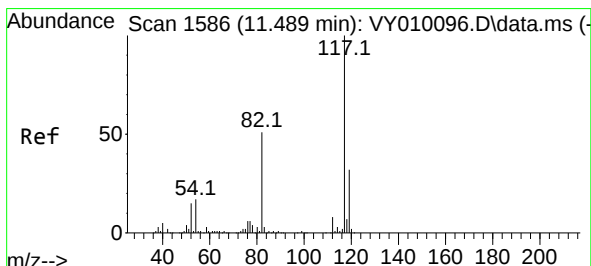
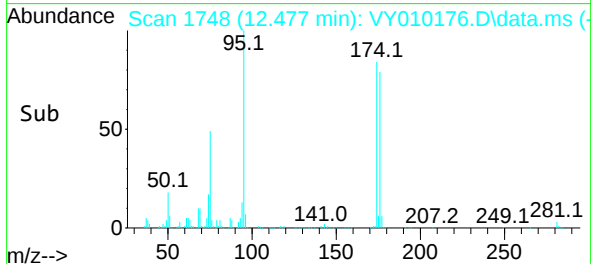
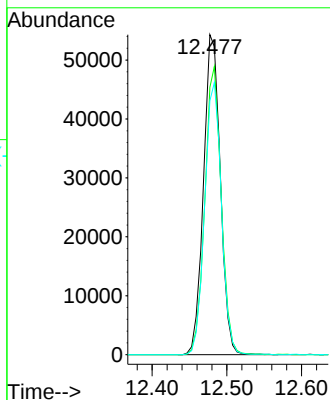
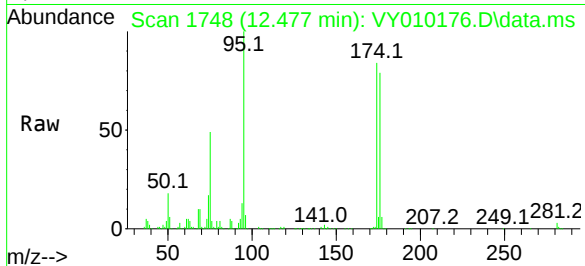




#62
4-Bromofluorobenzene
Concen: 43.225 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

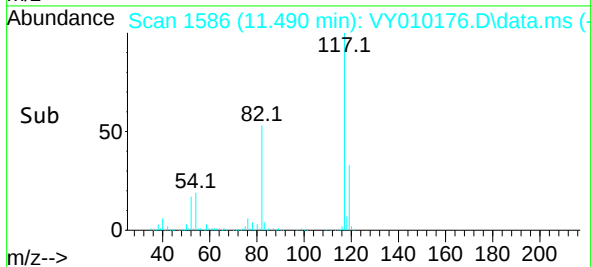
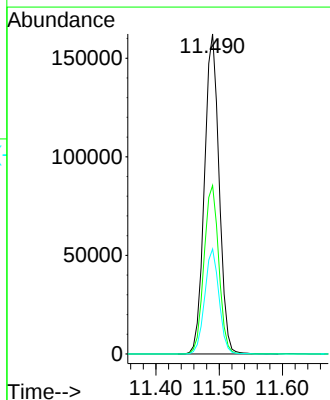
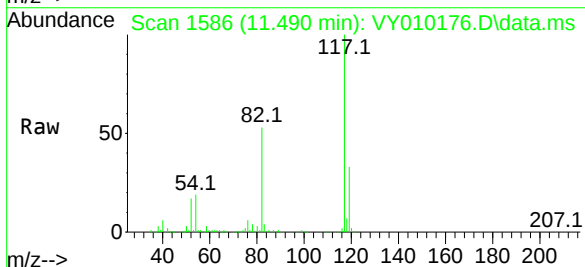
Instrument :
MSVOA_Y
ClientSampleId :
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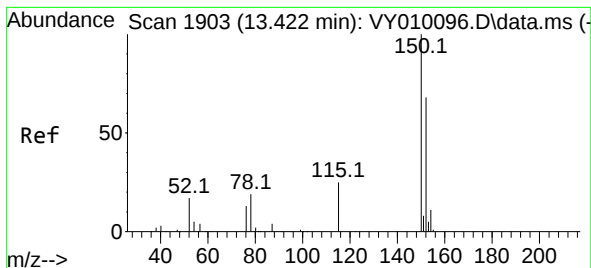
Tgt Ion: 95 Resp: 84746
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.8
176 84.9 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion: 117 Resp: 261863
Ion Ratio Lower Upper
117 100
82 52.7 40.6 61.0
119 32.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010176.D

Acq: 23 Aug 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

337

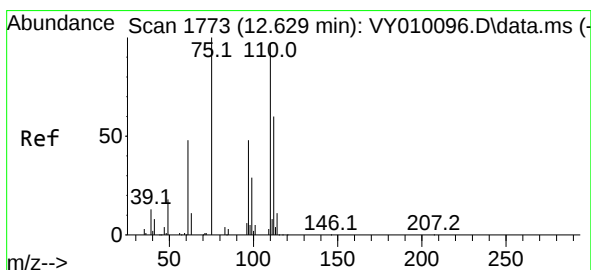
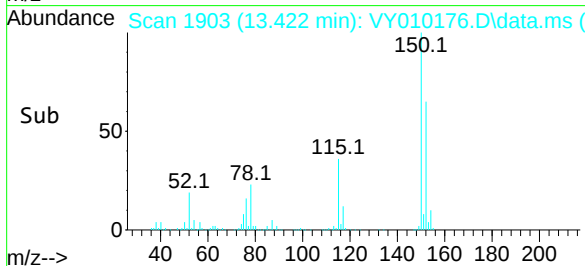
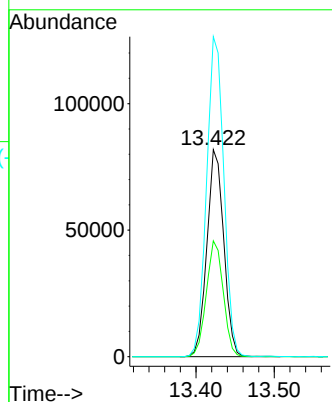
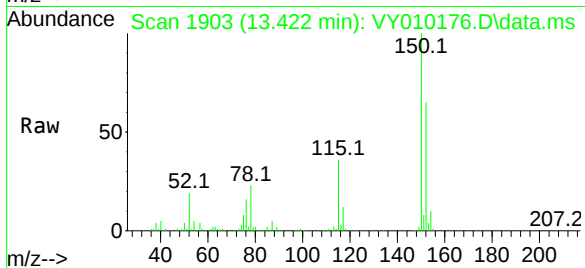
Tgt Ion:152 Resp: 122226

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 157.7 0.0 346.2



#76

1,2,3-Trichloropropane

Concen: 36.596 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010176.D

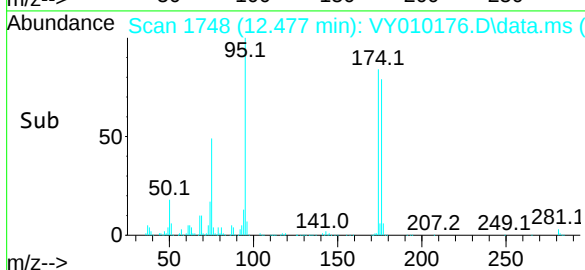
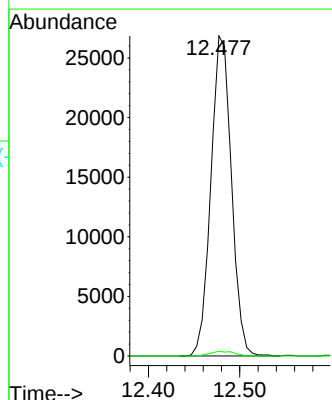
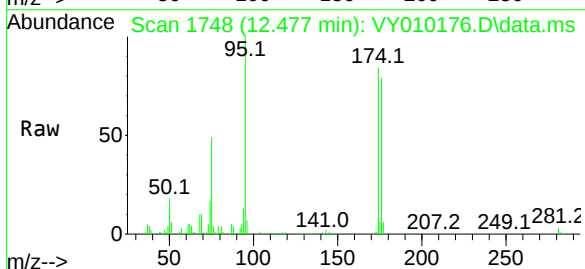
Acq: 23 Aug 2022 19:31

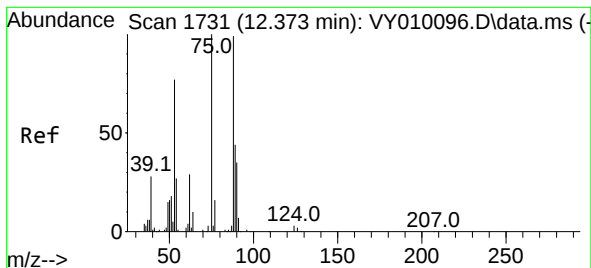
Tgt Ion: 75 Resp: 41891

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#

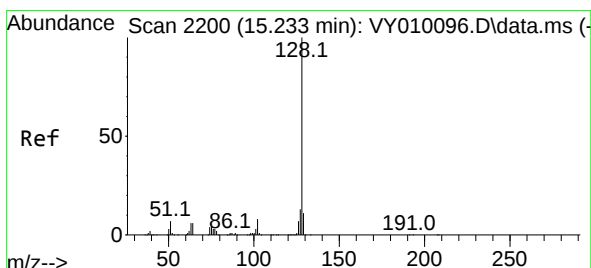
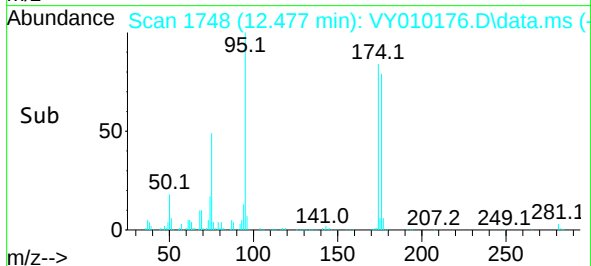
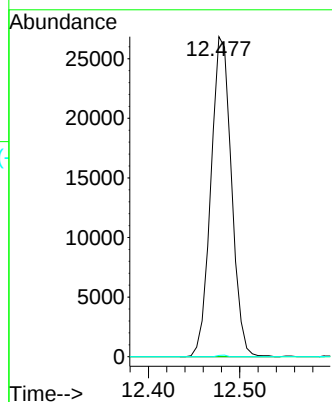
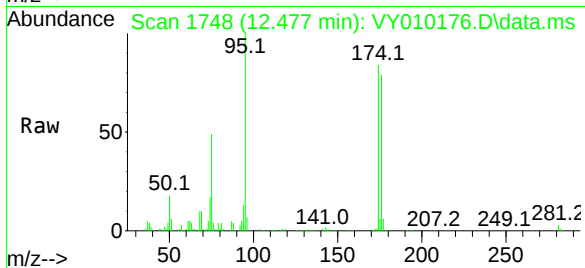




#81
trans-1,4-Dichloro-2-butene
Concen: 73.504 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Instrument :
MSVOA_Y
ClientSampleId :
337

Tgt Ion: 75 Resp: 41891
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.2 36.8 55.2#



#95
Naphthalene
Concen: 3.940 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY010176.D
Acq: 23 Aug 2022 19:31

Tgt Ion: 128 Resp: 269
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

