

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010984.D
 Acq On : 18 Oct 2022 10:43
 Operator : KP/MD
 Sample : VY1018SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBL01

Quant Time: Oct 18 15:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

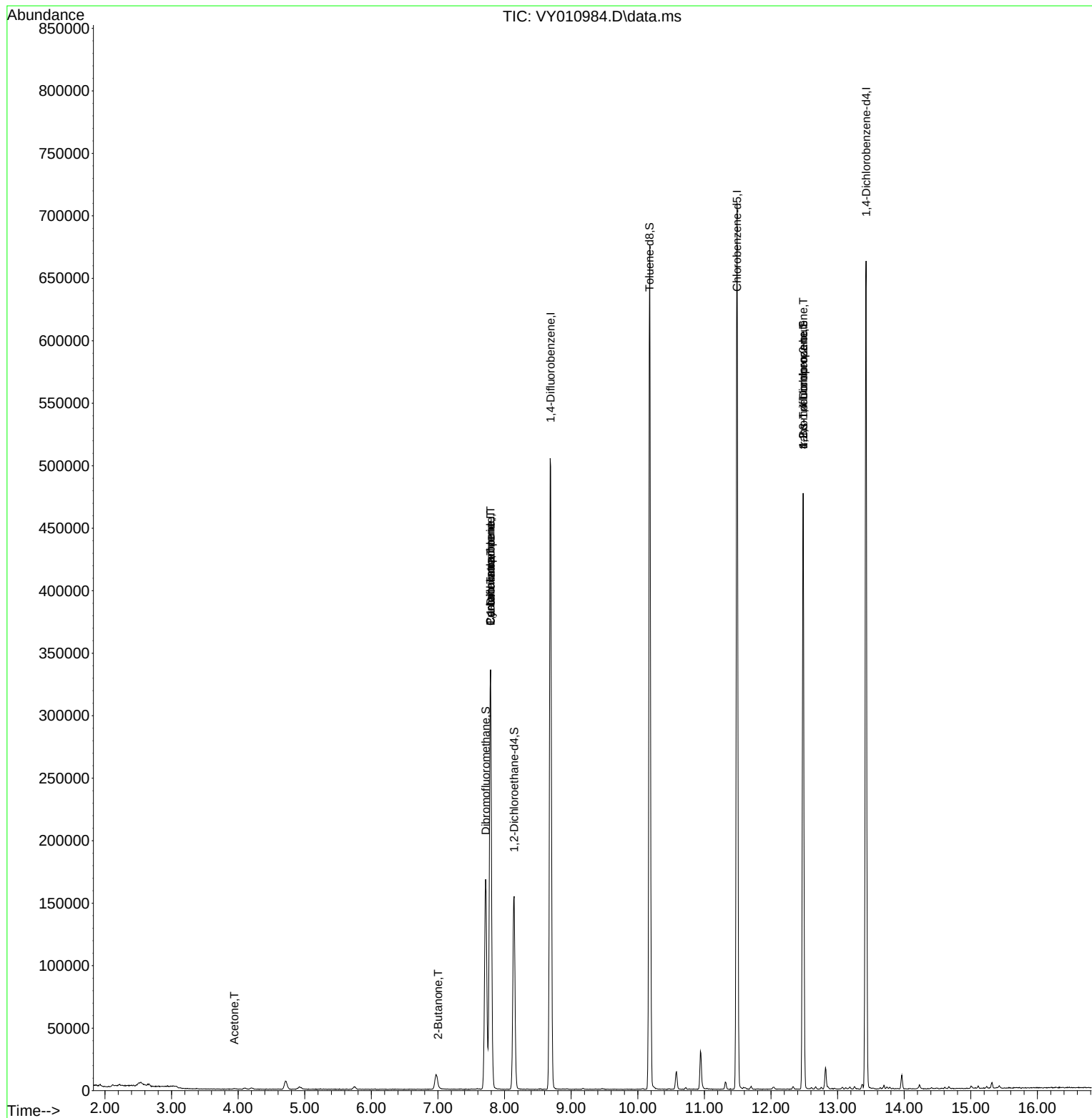
Internal Standards						
1) Pentafluorobenzene	7.789	168	260965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	446078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	120475	50.117	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.240%			
35) Dibromofluoromethane	7.716	113	122375	49.179	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.360%			
50) Toluene-d8	10.179	98	436826	46.899	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.800%			
62) 4-Bromofluorobenzene	12.483	95	143997	43.228	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.460%			
Target Compounds						
11) Tert butyl alcohol	4.936	59	2332	Below Cal	#	77
16) Acetone	3.942	43	787	1.127	ug/l #	82
18) Methyl Acetate	4.473	43	52	Below Cal	#	56
20) Methylene Chloride	4.716	84	5294	Below Cal	#	79
25) 2-Butanone	7.003	43	1306	1.234	ug/l #	81
31) Cyclohexane	7.789	56	5313	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	19772	4.761	ug/l #	50
38) Carbon Tetrachloride	7.789	117	25956	6.055	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	71973	36.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71973	77.565	ug/l #	7

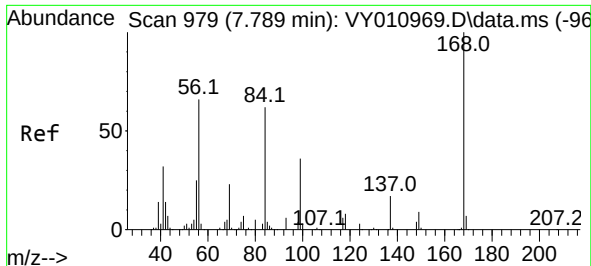
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
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Quant Time: Oct 18 15:22:07 2022
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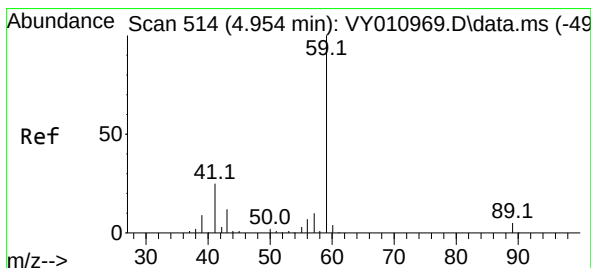
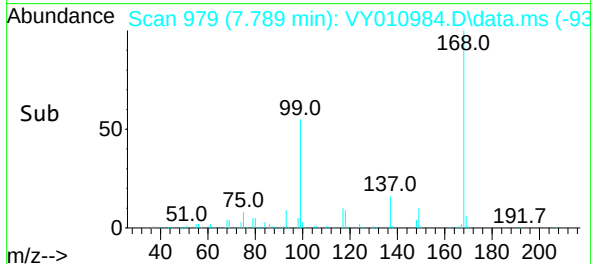
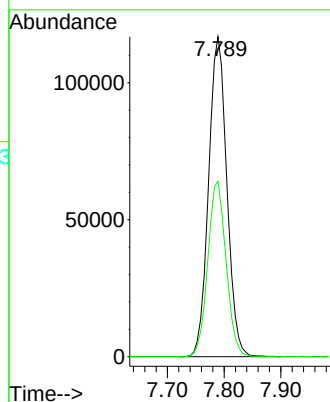
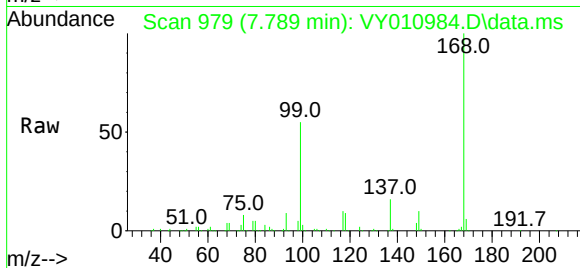




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

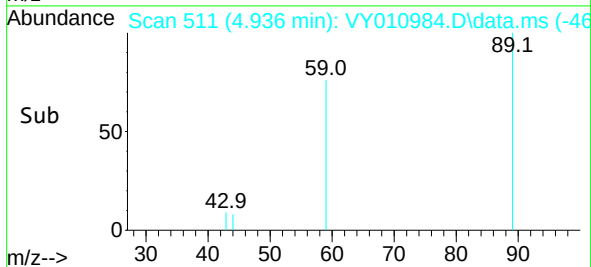
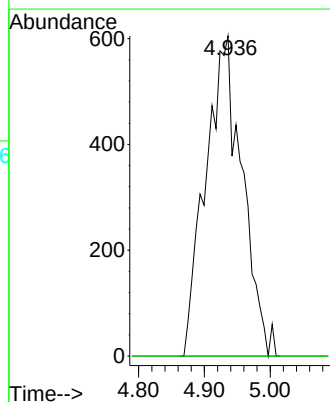
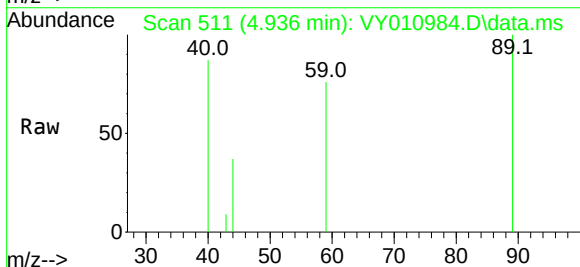
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

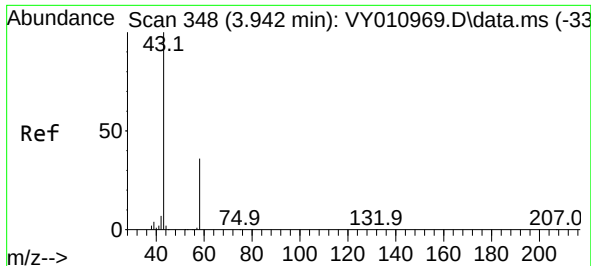
Tgt Ion:168 Resp: 260965
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Tgt Ion: 59 Resp: 2332
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

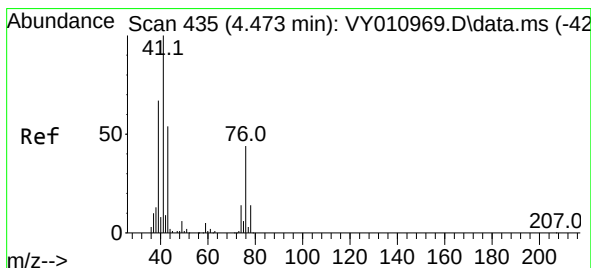
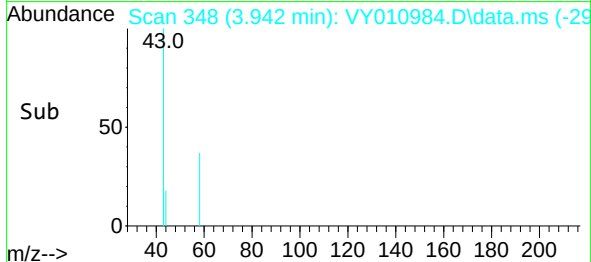
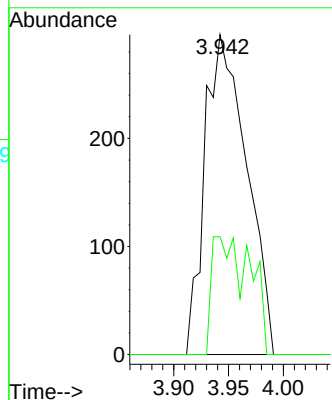
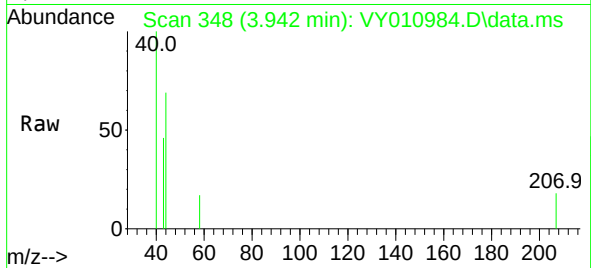




#16
Acetone
Concen: 1.127 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

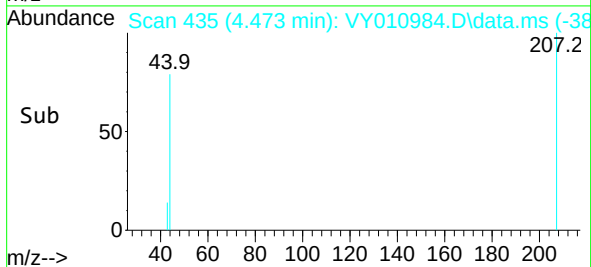
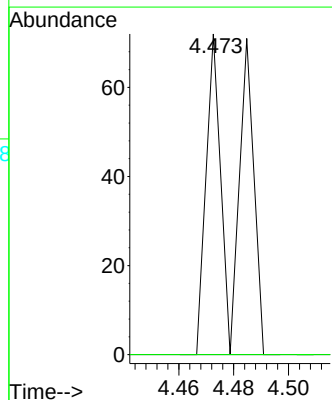
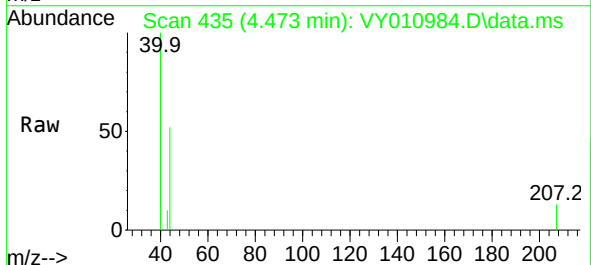
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

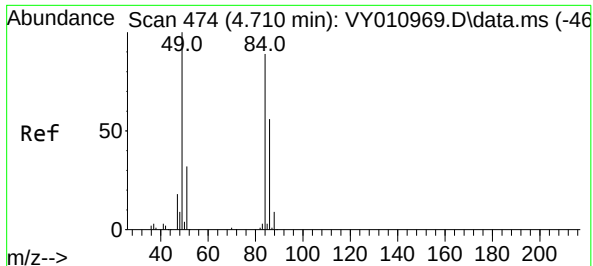
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 36.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

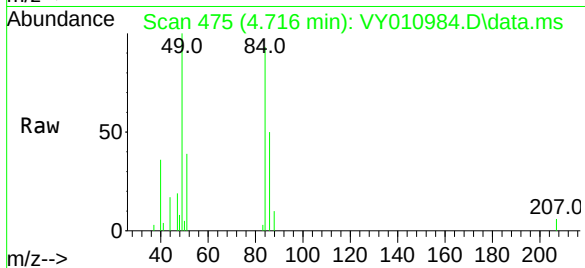
Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





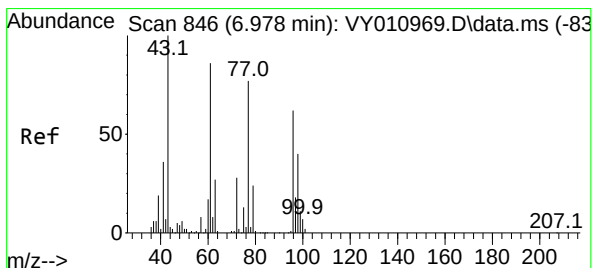
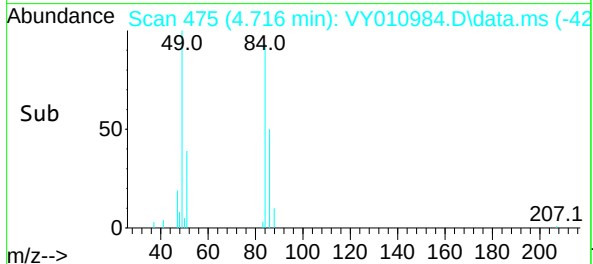
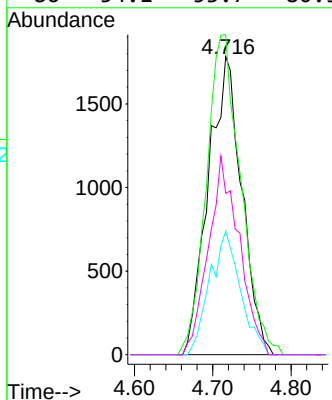
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01



Tgt Ion: 84 Resp: 5294

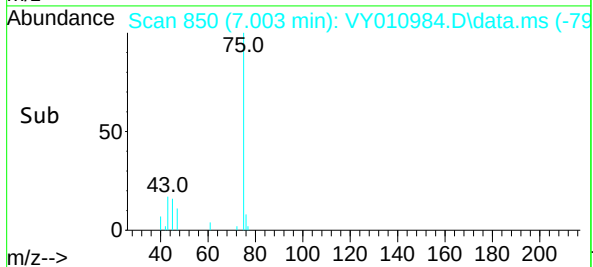
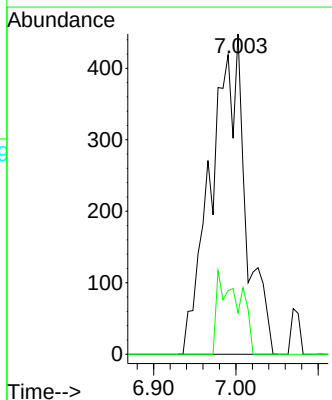
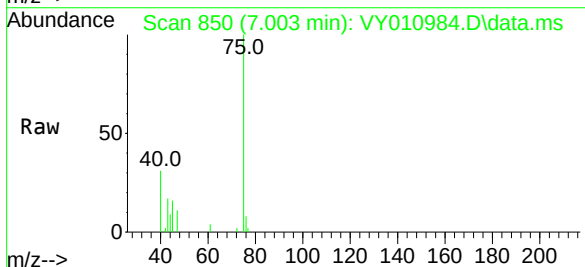
Ion	Ratio	Lower	Upper
84	100		
49	107.3	114.4	171.6#
51	41.5	35.3	52.9
86	54.1	53.7	80.5

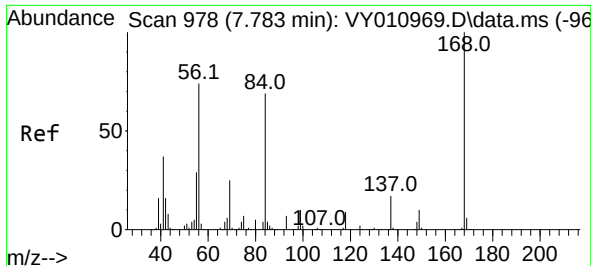


#25
2-Butanone
Concen: 1.234 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.025 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Tgt Ion: 43 Resp: 1306

Ion	Ratio	Lower	Upper
43	100		
72	12.9	17.7	26.5#

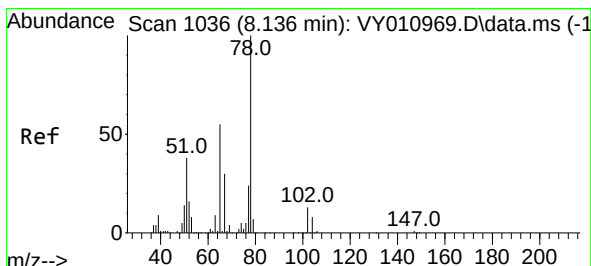
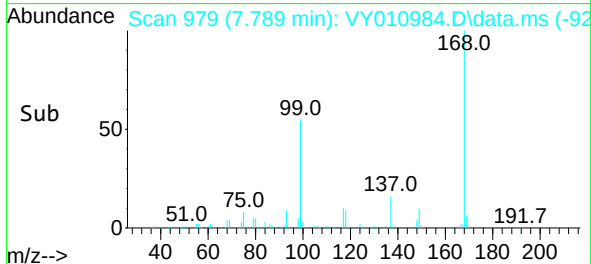
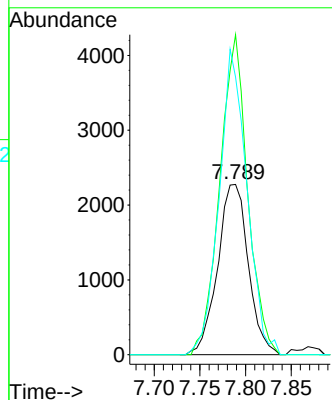
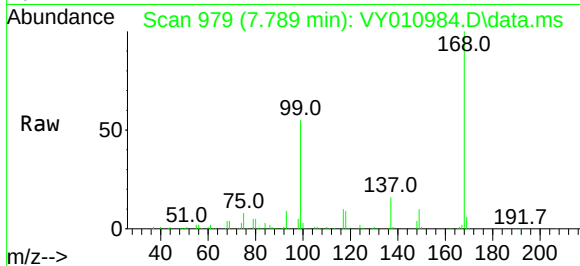




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

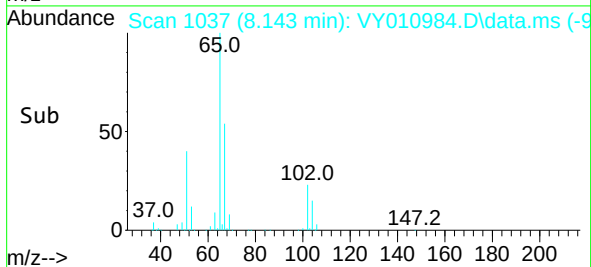
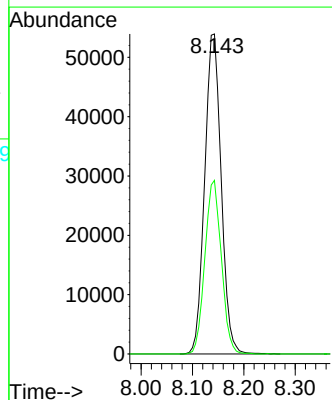
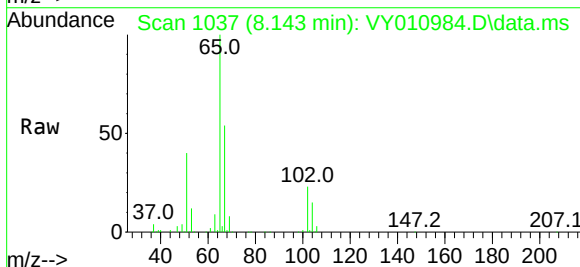
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

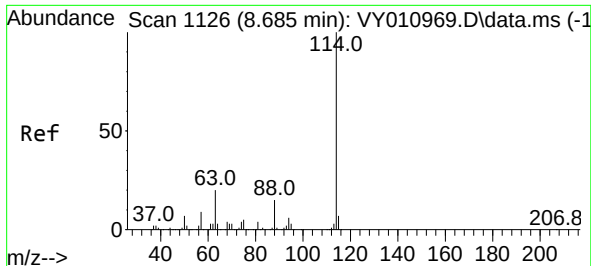
Tgt Ion: 56 Resp: 5313
Ion Ratio Lower Upper
56 100
69 187.9 26.7 40.1#
84 163.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.117 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Tgt Ion: 65 Resp: 120475
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

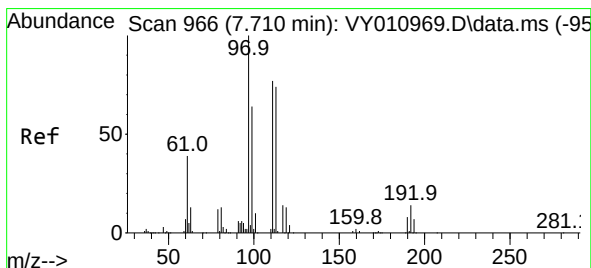
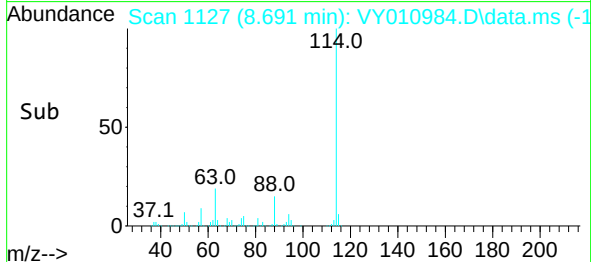
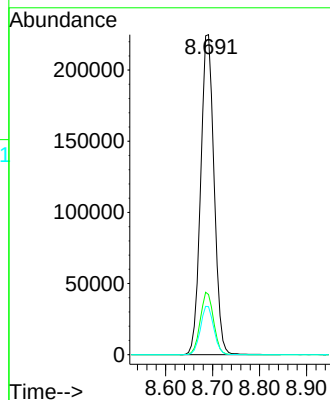
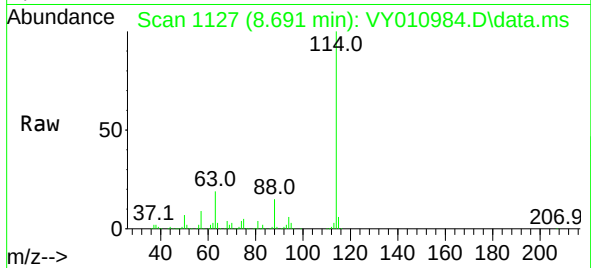




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

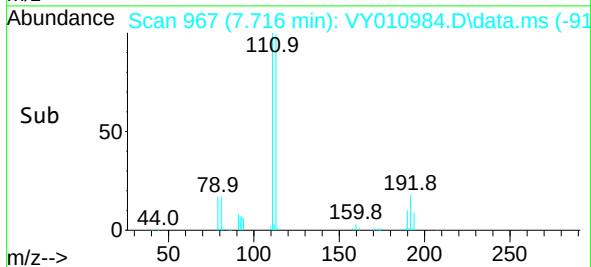
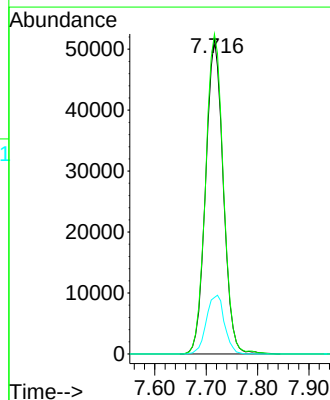
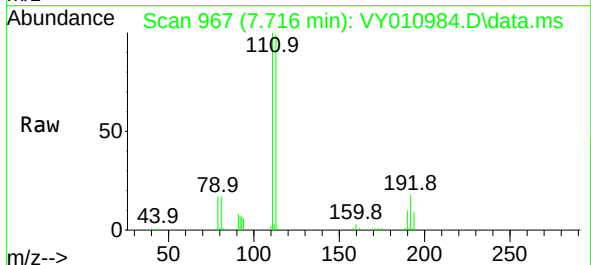
Instrument :
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ClientSampleId :
VY1018SBL01

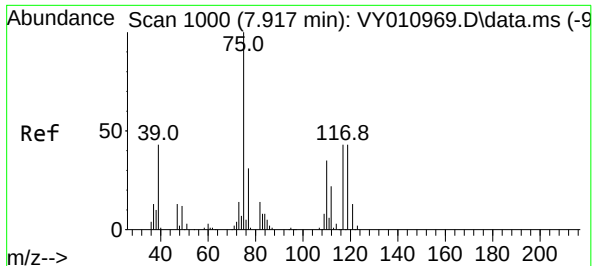
Tgt Ion:114 Resp: 446078
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.179 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Tgt Ion:113 Resp: 122375
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.2 17.6 26.4

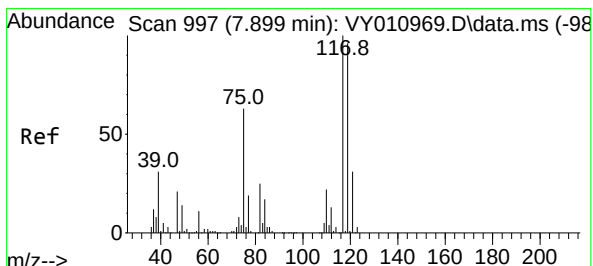
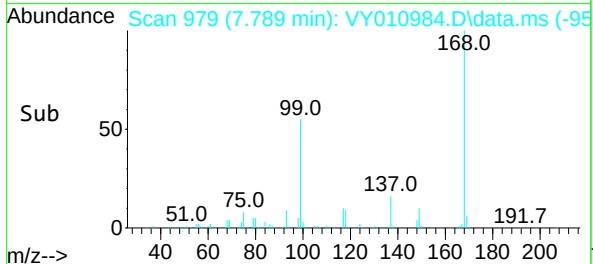
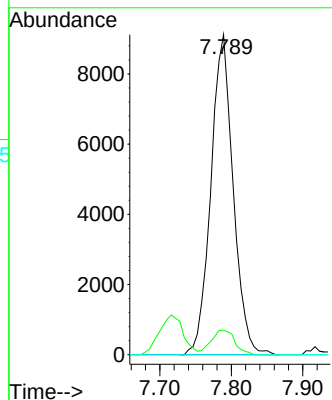
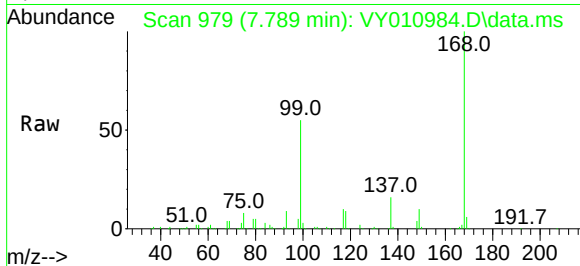




#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

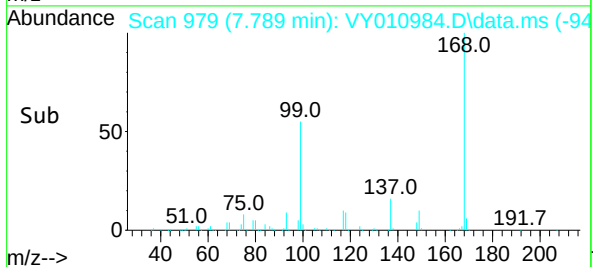
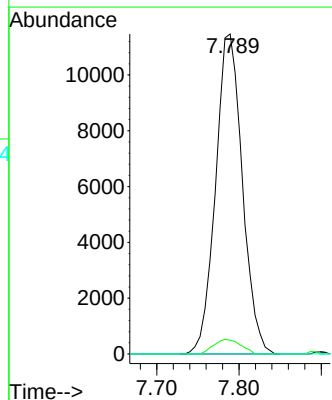
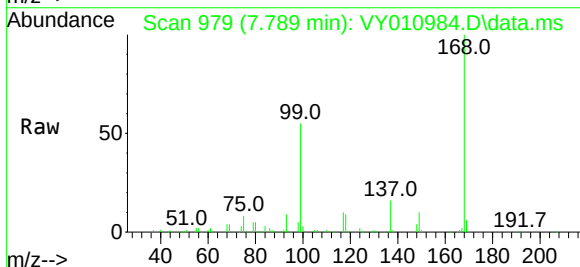
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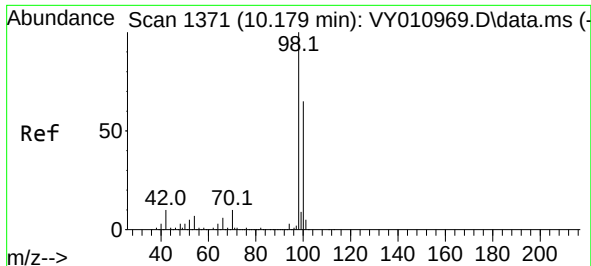
Tgt Ion: 75 Resp: 19772
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Tgt Ion: 117 Resp: 25956
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

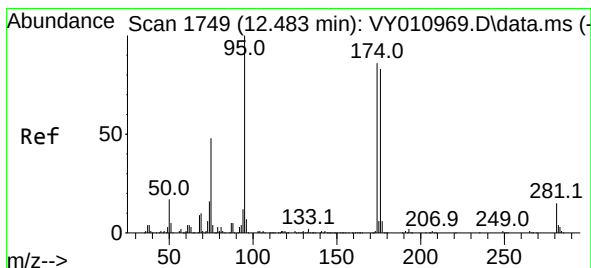
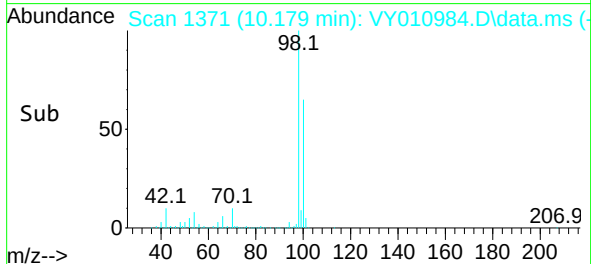
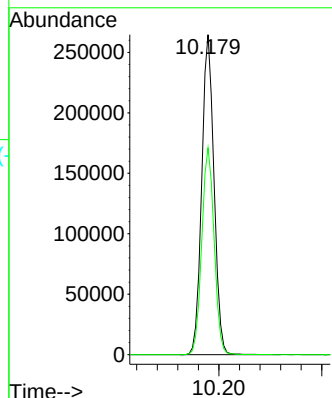
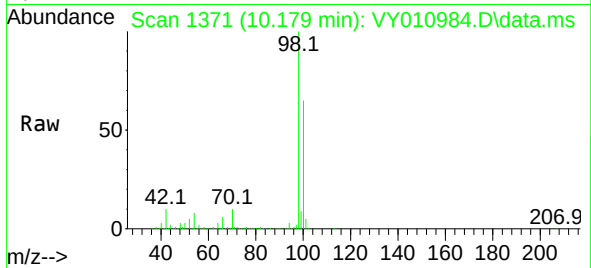




#50
Toluene-d8
Concen: 46.899 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

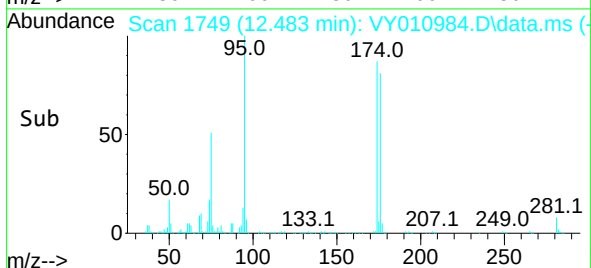
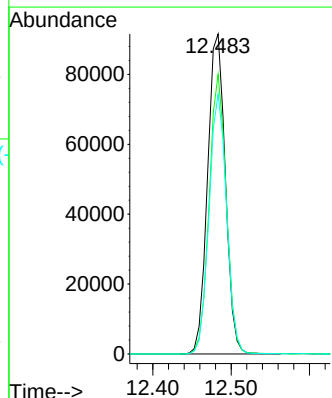
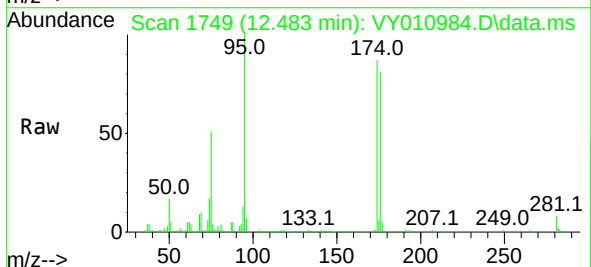
Instrument :
MSVOA_Y
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VY1018SBL01

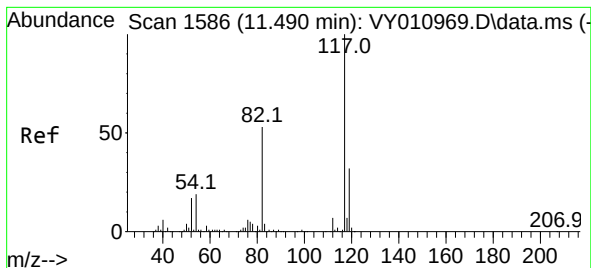
Tgt Ion: 98 Resp: 436826
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Tgt Ion: 95 Resp: 143997
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 80.0 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: VY010984.D

Acq: 18 Oct 2022 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBL01

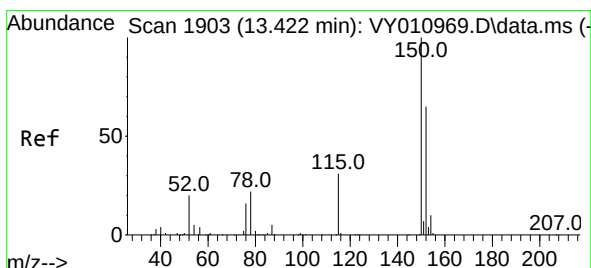
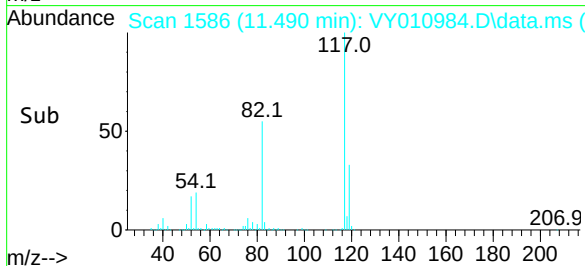
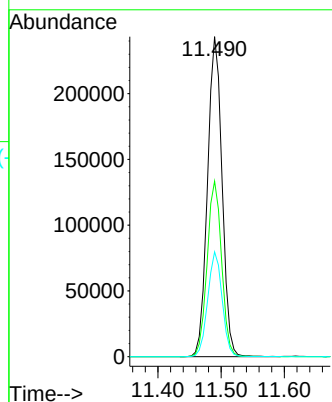
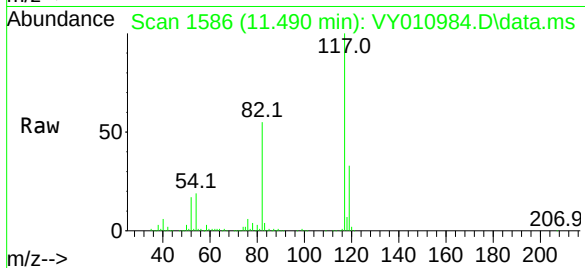
Tgt Ion:117 Resp: 389475

Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.4

119 32.7 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: VY010984.D

Acq: 18 Oct 2022 10:43

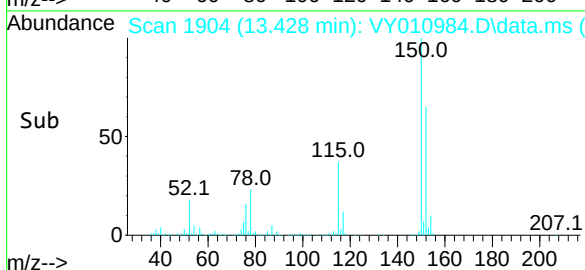
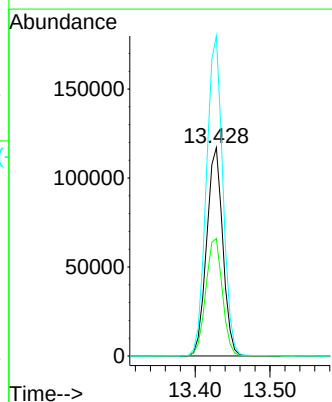
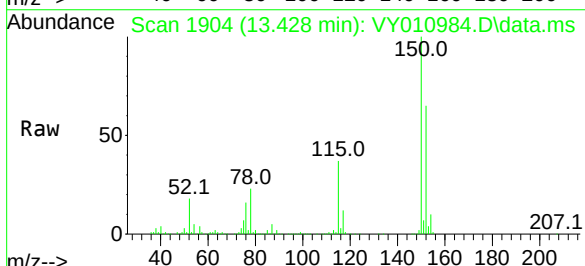
Tgt Ion:152 Resp: 175779

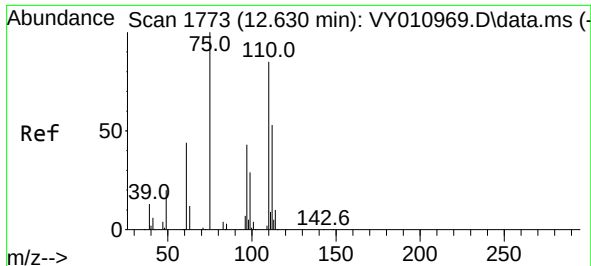
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 156.3 0.0 347.6

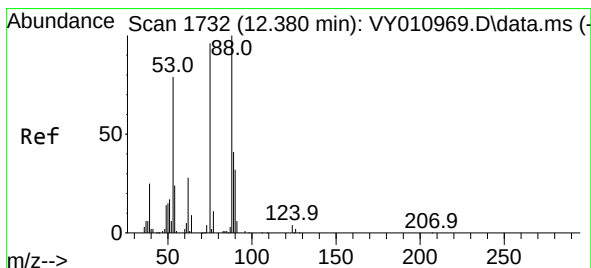
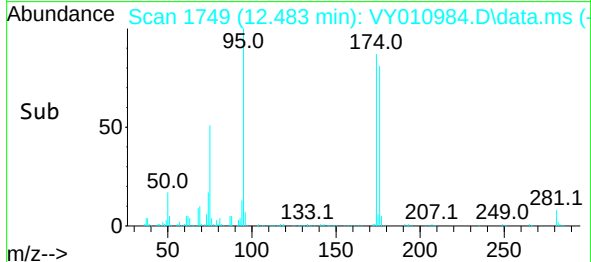
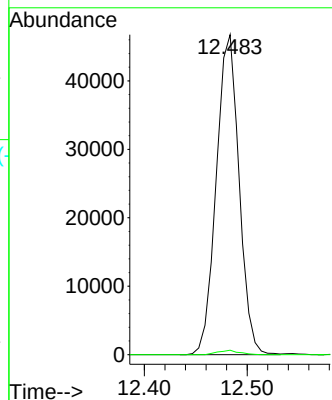
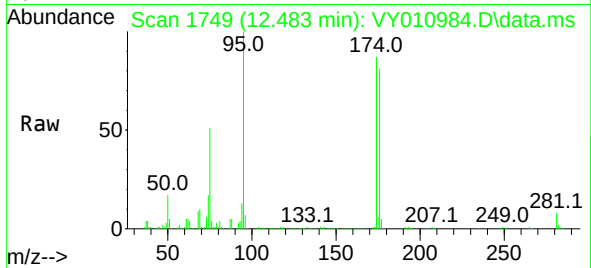




#76
1,2,3-Trichloropropane
Concen: 36.065 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

Tgt Ion: 75 Resp: 71973
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY010984.D
Acq: 18 Oct 2022 10:43

Tgt Ion: 75 Resp: 71973
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

