

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007572.D
 Acq On : 22 Feb 2022 10:48
 Operator : SY/MD
 Sample : VY0222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBL01

Quant Time: Feb 22 14:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

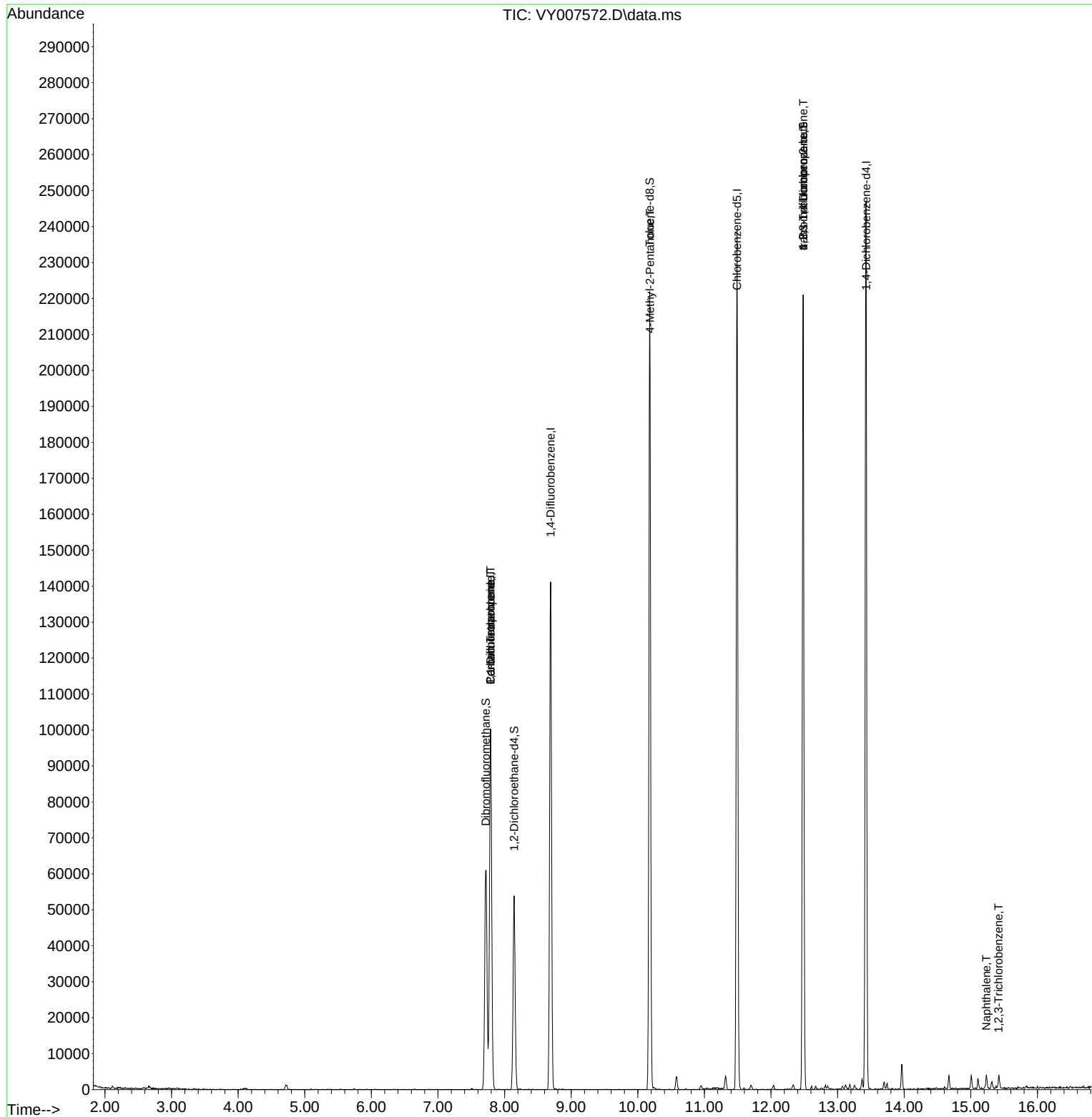
Internal Standards						
1) Pentafluorobenzene	7.789	168	75023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41453	53.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.716	113	41152	53.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.540%	
50) Toluene-d8	10.179	98	145953	54.997	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.483	95	56346	58.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.280%	
Target Compounds						
20) Methylene Chloride	4.735	84	972	Below Cal	#	48
31) Cyclohexane	7.789	56	1710	Below Cal	#	45
36) 1,1-Dichloropropene	7.789	75	5603	5.010	ug/l #	52
38) Carbon Tetrachloride	7.789	117	8461	5.617	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	671	1.438	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	33548	46.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33548	113.553	ug/l #	7
95) Naphthalene	15.233	128	3133	1.173	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.416	180	1271	1.118	ug/l	94

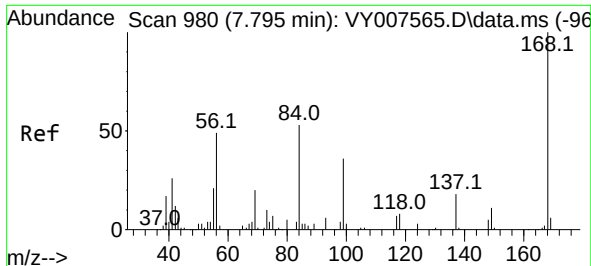
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 15:25:36 2022
Response via : Initial Calibration

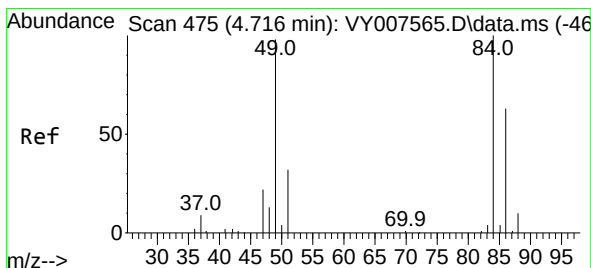
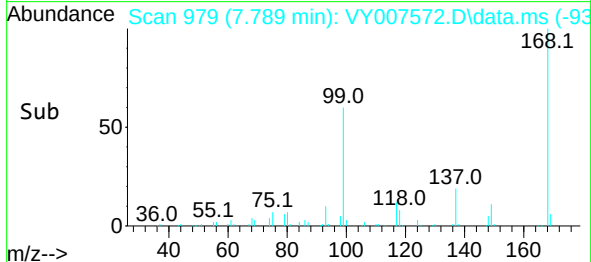
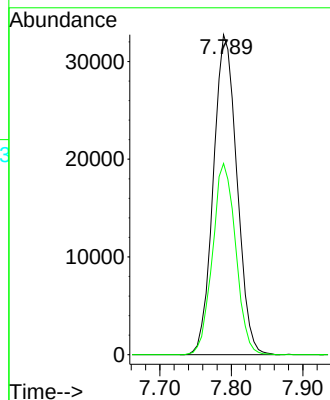
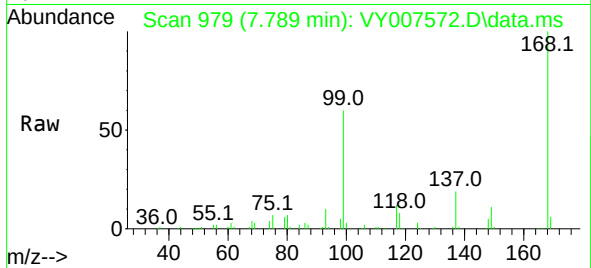




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

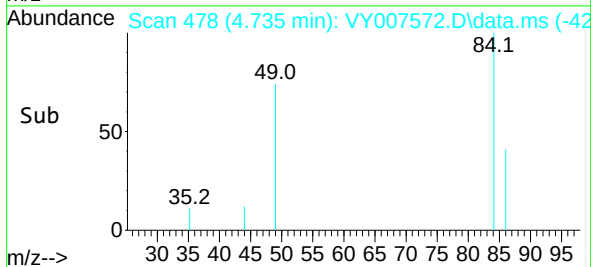
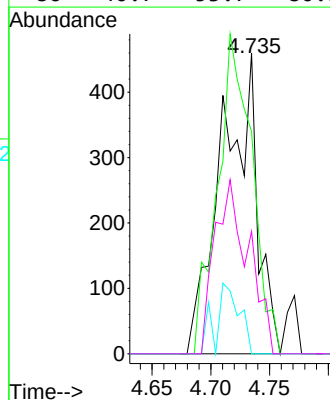
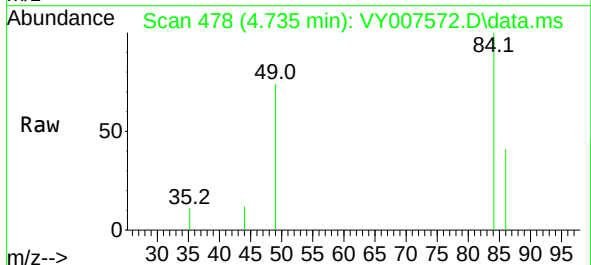
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

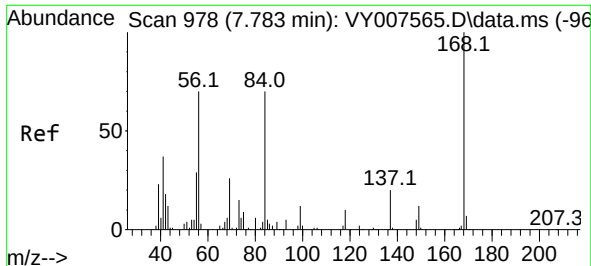
Tgt Ion:168 Resp: 75023
Ion Ratio Lower Upper
168 100
99 59.8 46.9 70.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

Tgt Ion: 84 Resp: 972
Ion Ratio Lower Upper
84 100
49 73.9 114.4 171.6#
51 0.0 35.3 52.9#
86 40.7 53.7 80.5#

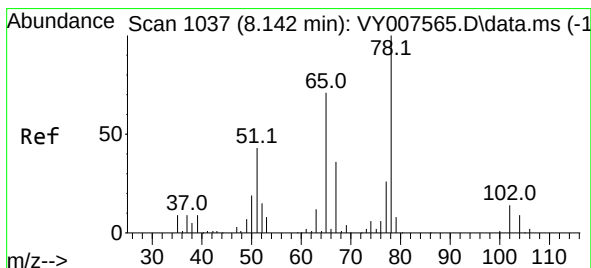
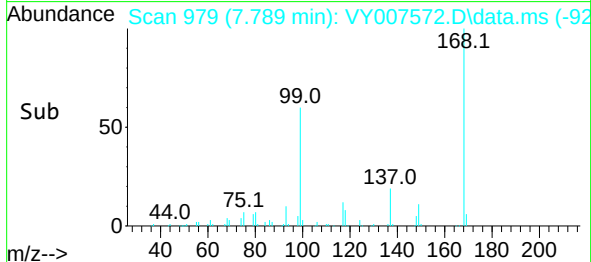
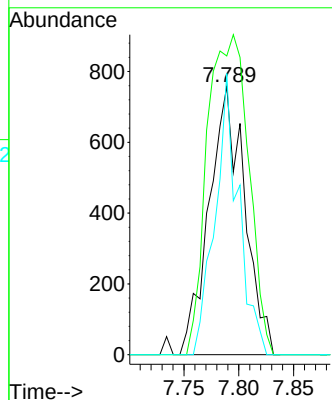
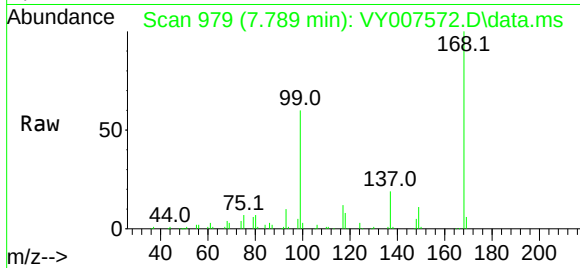




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

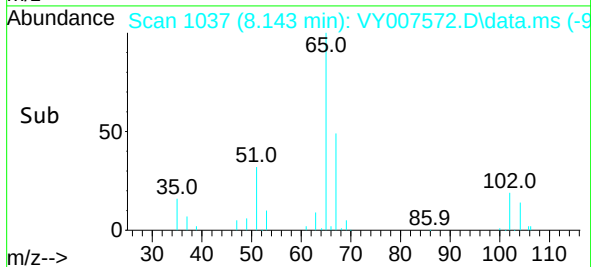
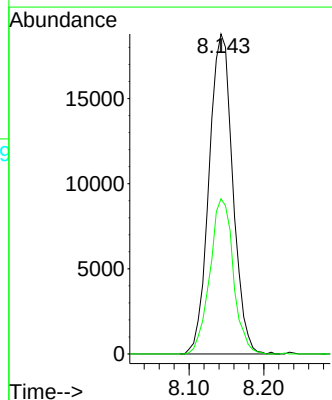
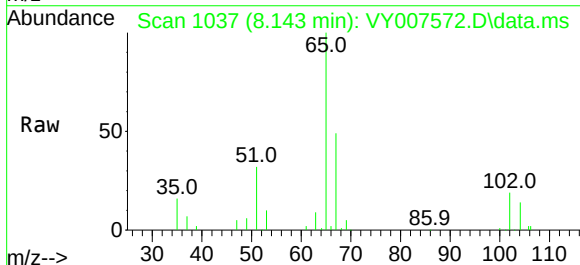
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

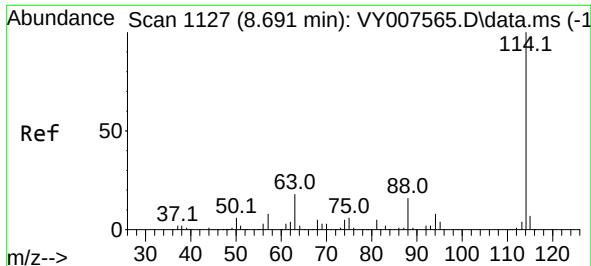
Tgt Ion: 56 Resp: 1710
Ion Ratio Lower Upper
56 100
69 111.3 26.7 40.1#
84 104.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.349 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

Tgt Ion: 65 Resp: 41453
Ion Ratio Lower Upper
65 100
67 47.7 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: VY007572.D

Acq: 22 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0222SBL01

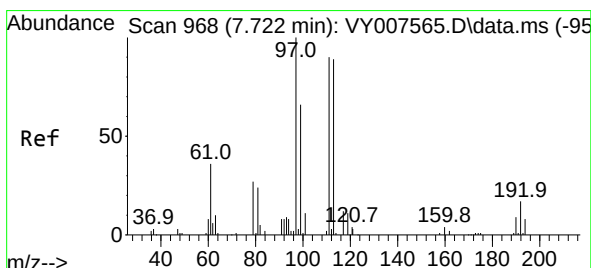
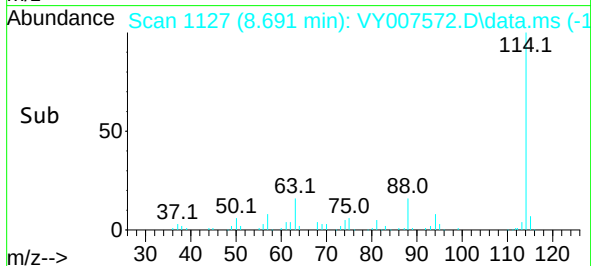
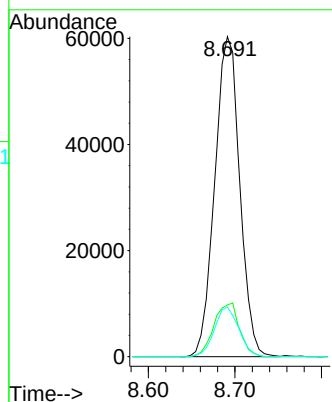
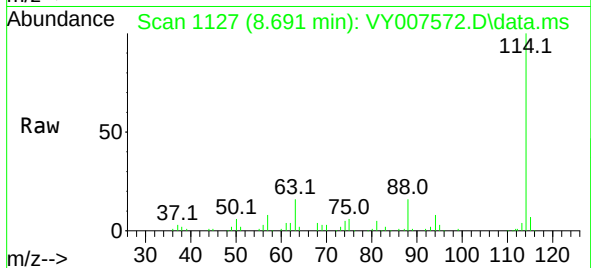
Tgt Ion:114 Resp: 120708

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.766 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007572.D

Acq: 22 Feb 2022 10:48

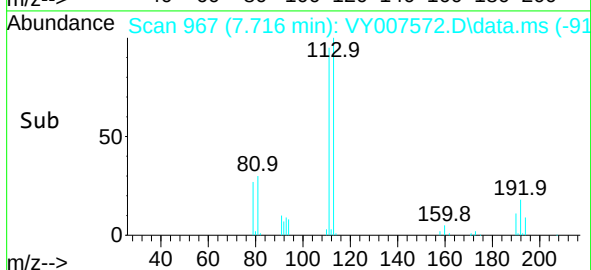
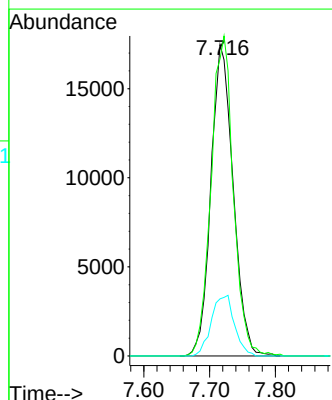
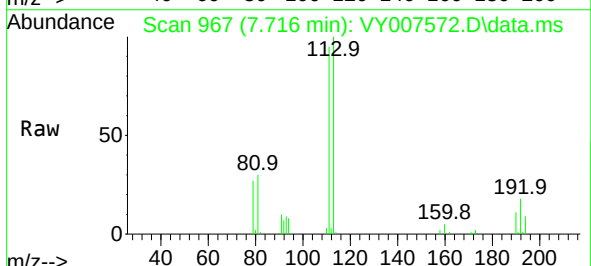
Tgt Ion:113 Resp: 41152

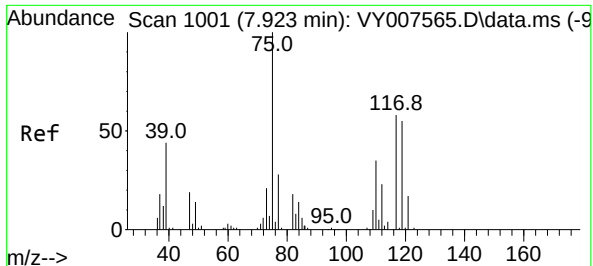
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.2 17.6 26.4

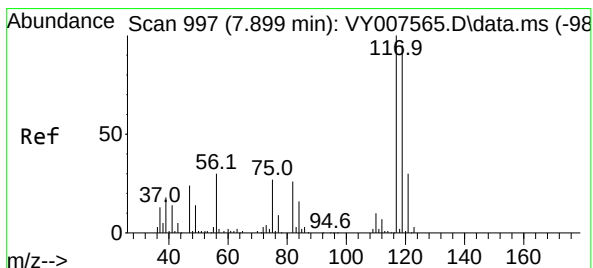
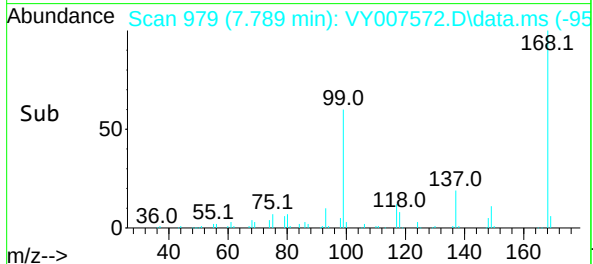
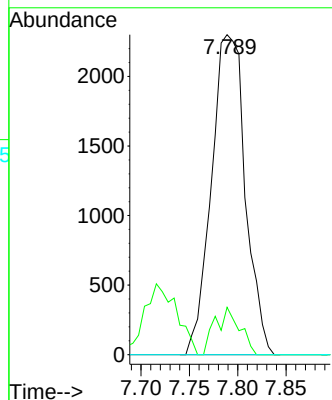
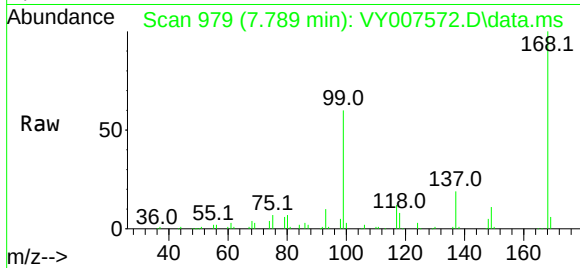




#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

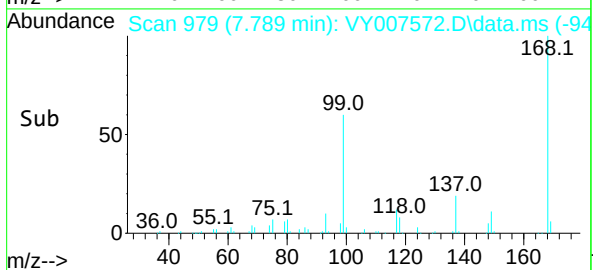
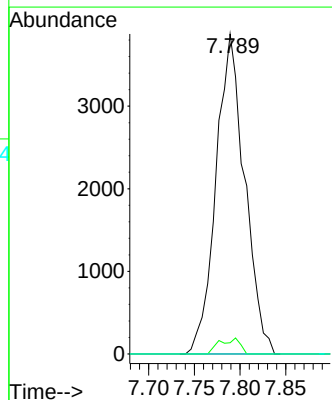
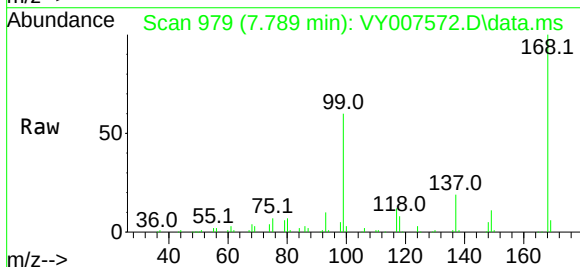
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

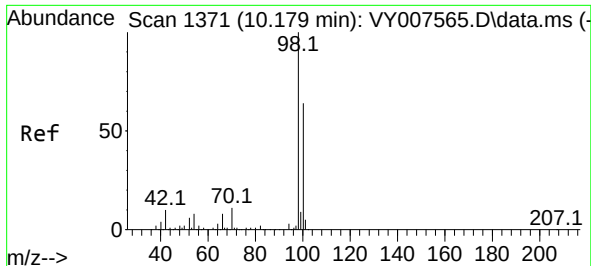
Tgt Ion: 75 Resp: 5603
Ion Ratio Lower Upper
75 100
110 10.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

Tgt Ion: 117 Resp: 8461
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#

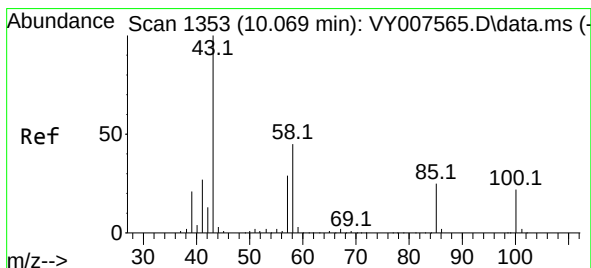
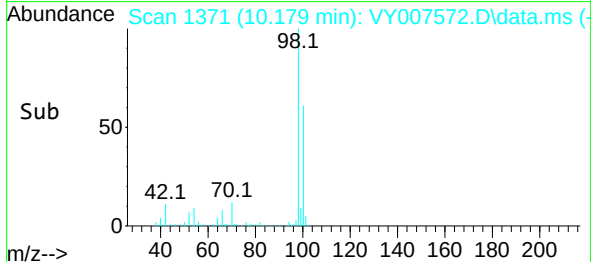
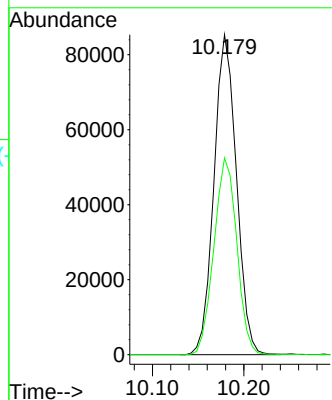
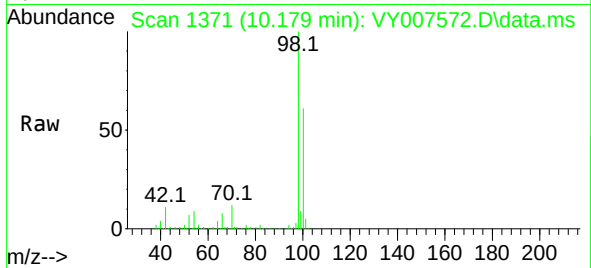




#50
Toluene-d8
Concen: 54.997 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

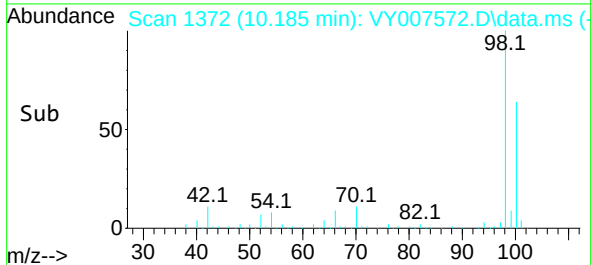
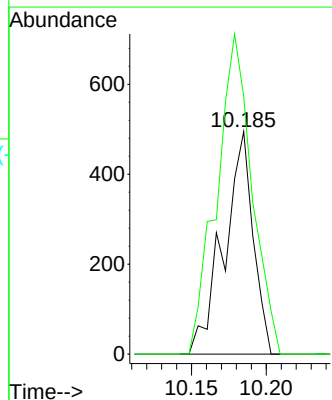
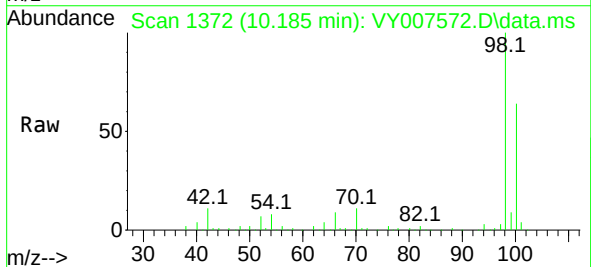
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

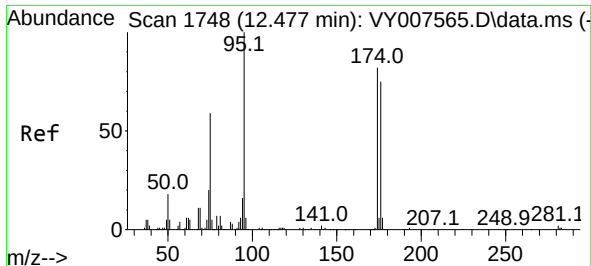
Tgt Ion: 98 Resp: 145953
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.438 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 174.1 28.1 42.1#

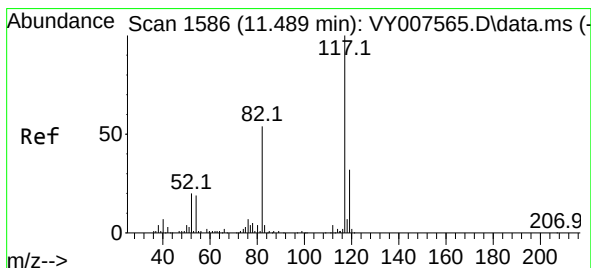
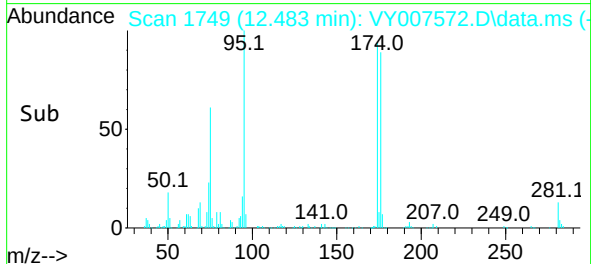
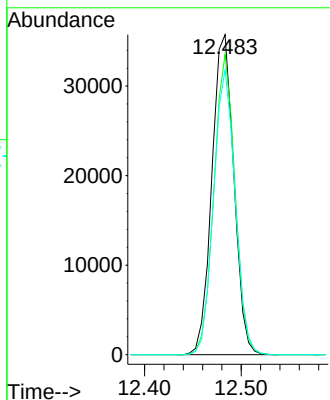
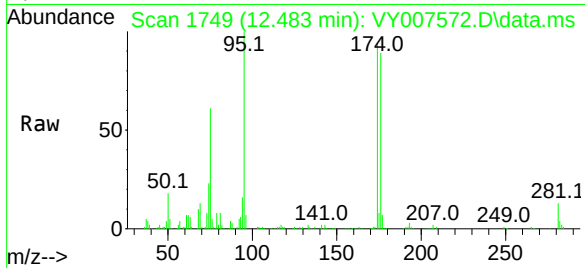




#62
4-Bromofluorobenzene
Concen: 58.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

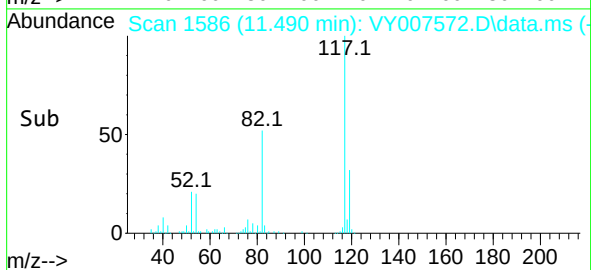
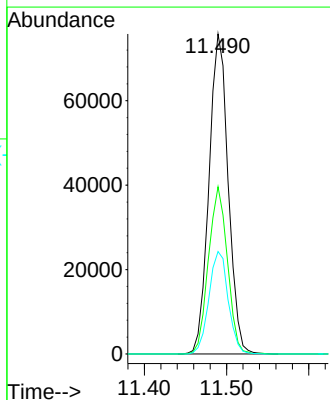
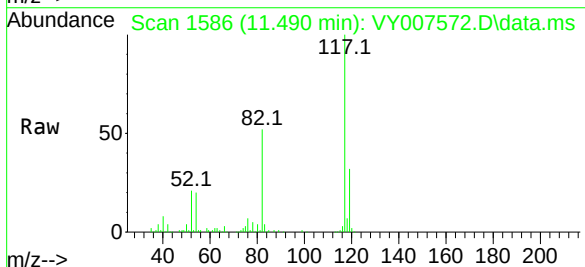
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MSVOA_Y
ClientSampleId :
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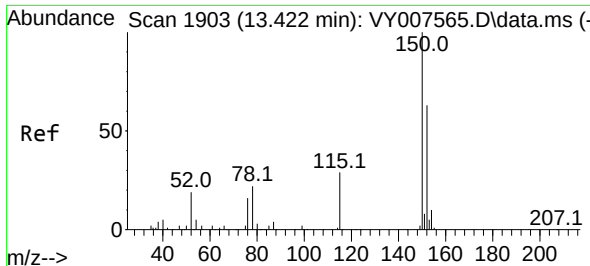
Tgt Ion: 95 Resp: 56346
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 87.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

Tgt Ion: 117 Resp: 123112
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.0 25.4 38.0

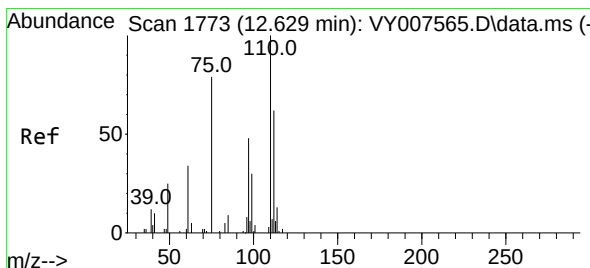
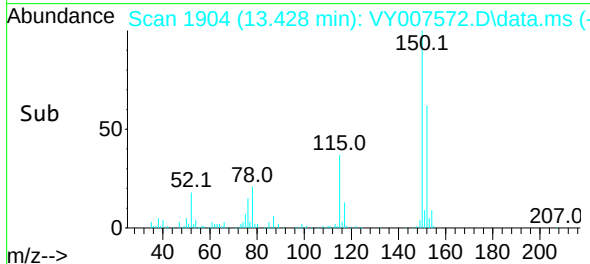
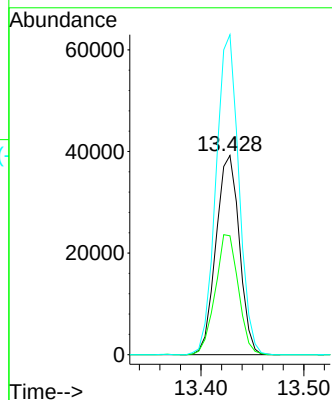
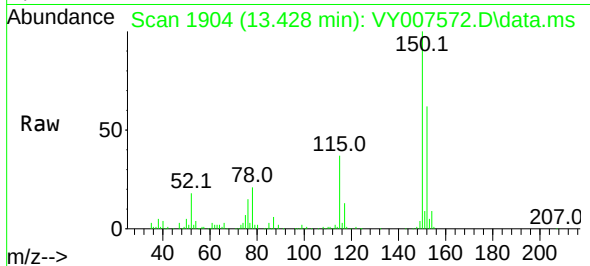




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007572.D
 Acq: 22 Feb 2022 10:48

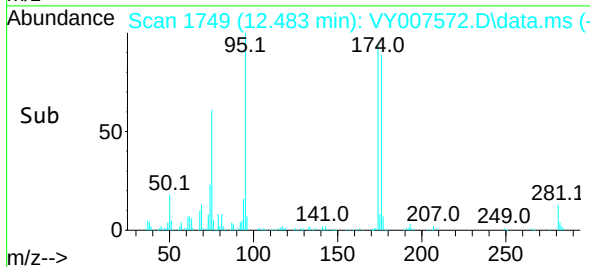
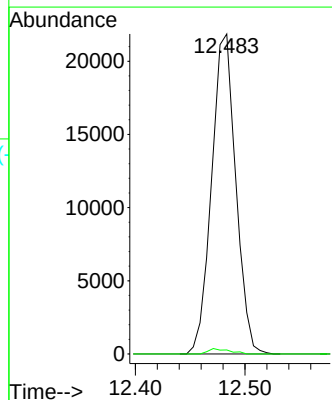
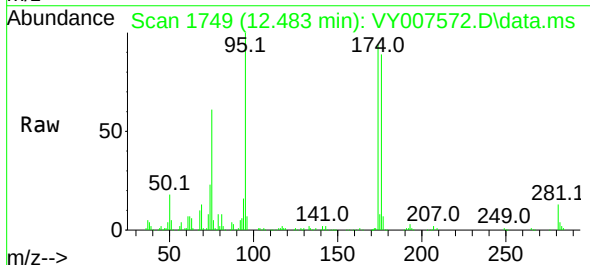
Instrument :
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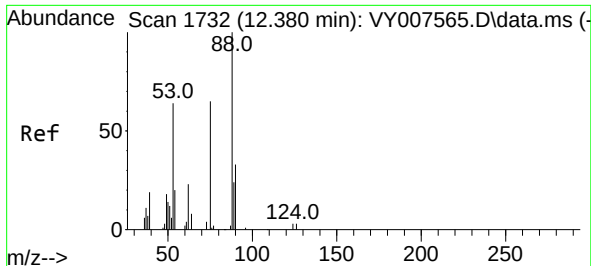
Tgt Ion:152 Resp: 61855
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.334 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY007572.D
 Acq: 22 Feb 2022 10:48

Tgt Ion: 75 Resp: 33548
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

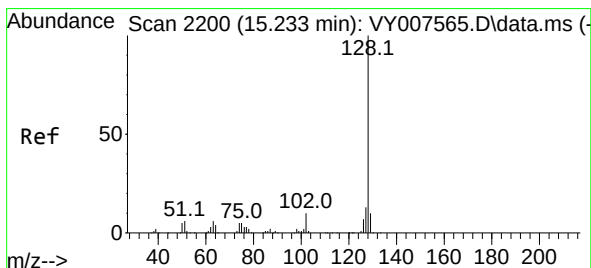
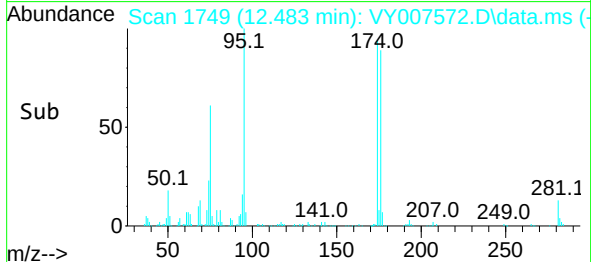
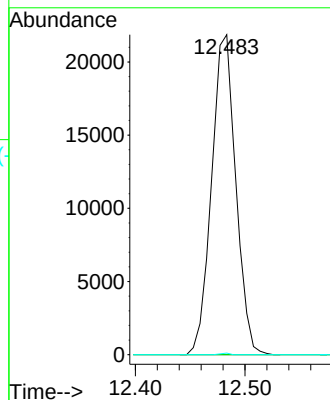
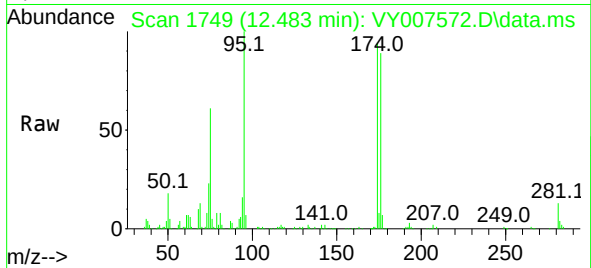




#81
trans-1,4-Dichloro-2-butene
Concen: 113.553 ug/l
RT: 12.483 min Scan# 1732
Delta R.T. 0.103 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

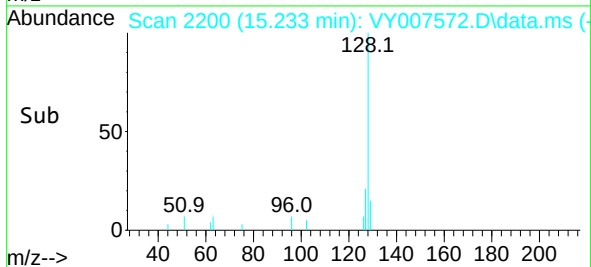
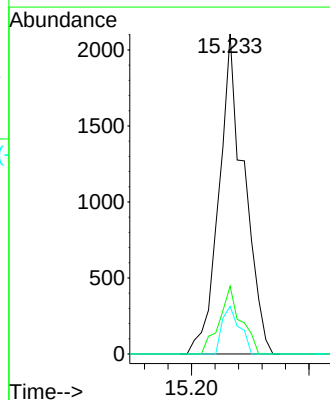
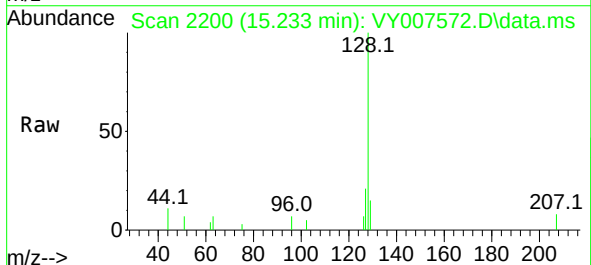
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

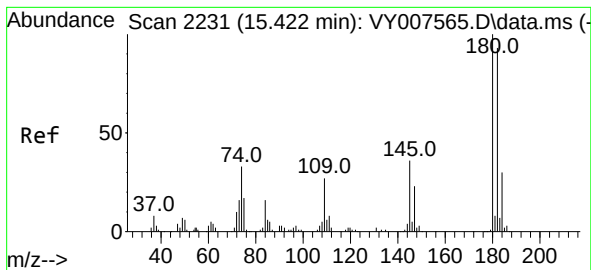
Tgt Ion: 75 Resp: 33548
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 1.173 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007572.D
Acq: 22 Feb 2022 10:48

Tgt Ion:128 Resp: 3133
Ion Ratio Lower Upper
128 100
127 18.1 11.0 16.4#
129 10.4 8.4 12.6





#96

1,2,3-Trichlorobenzene

Concen: 1.118 ug/l

RT: 15.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY007572.D

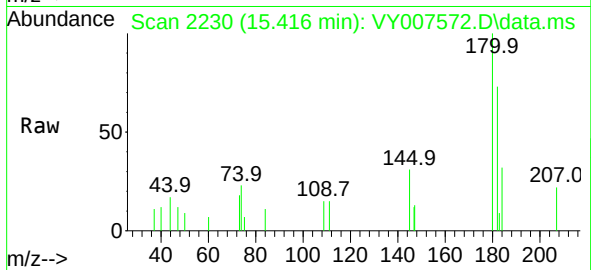
Acq: 22 Feb 2022 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0222SBL01



Tgt Ion:180 Resp: 1271

Ion Ratio Lower Upper

180 100

182 99.9 47.3 141.9

145 34.5 15.3 45.9

