

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007451.D
 Acq On : 09 Feb 2022 14:36
 Operator : SY/MD
 Sample : N1443-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-SOUTH-COMP

Quant Time: Feb 10 05:35:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

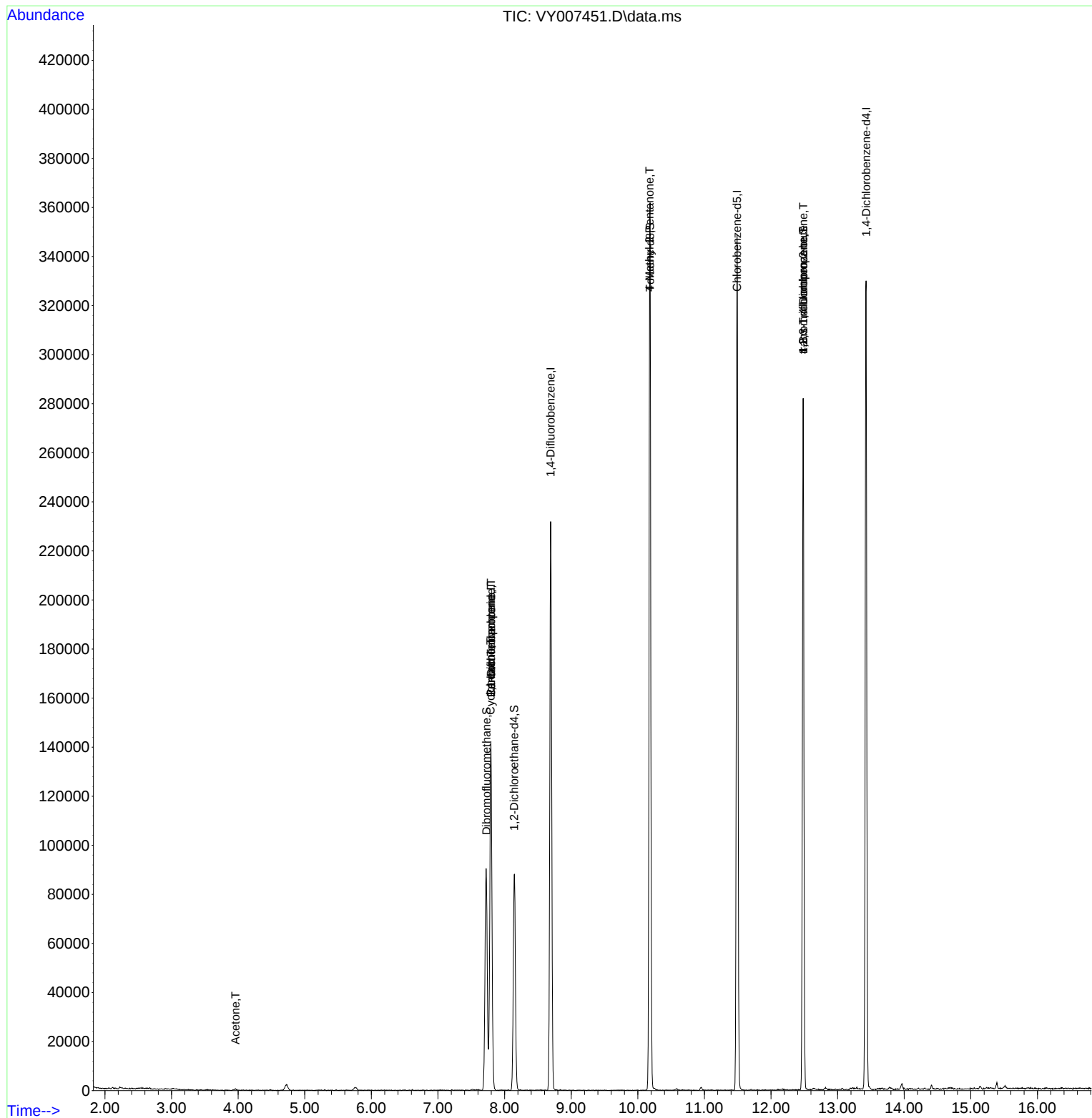
Internal Standards						
1) Pentafluorobenzene	7.795	168	104019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70412	58.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.700%	
35) Dibromofluoromethane	7.728	113	64438	51.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.185	98	239022	51.556	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	12.483	95	86260	54.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	323	Below Cal	#	78
16) Acetone	3.960	43	640	1.647	ug/l #	79
20) Methylene Chloride	4.716	84	1074	Below Cal	#	75
31) Cyclohexane	7.789	56	2511	1.076	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	8927	4.069	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11357	4.927	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1154	1.116	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47487	49.185	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47487	98.538	ug/l #	7

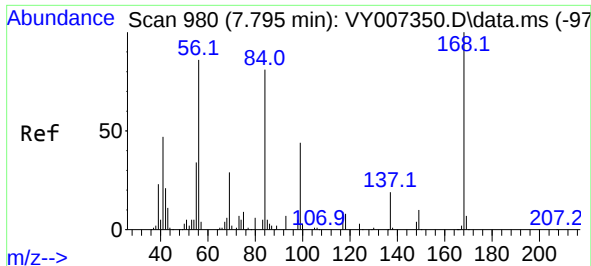
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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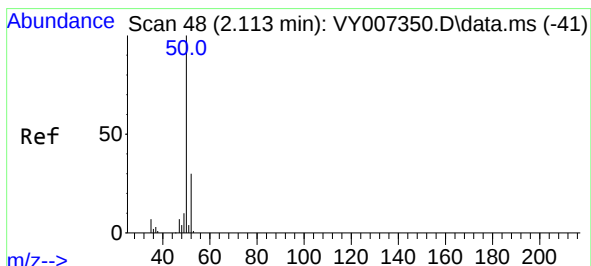
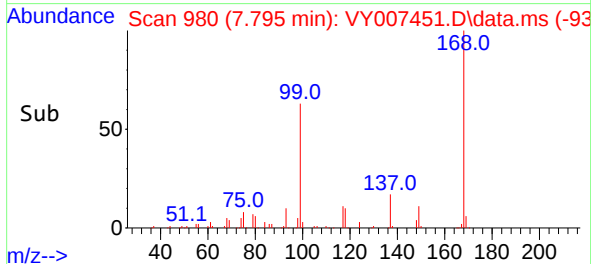
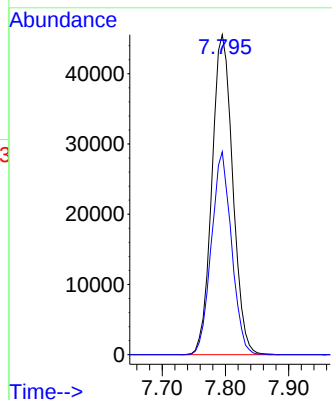
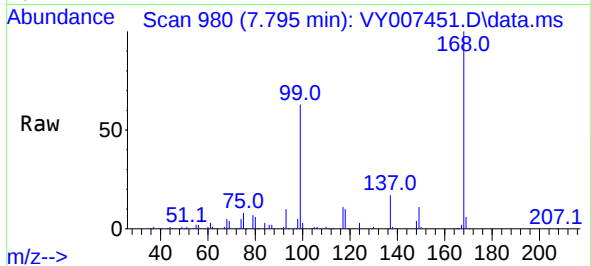




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

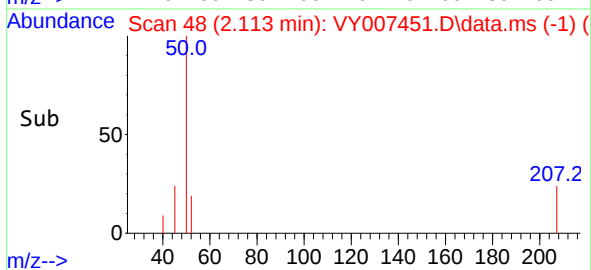
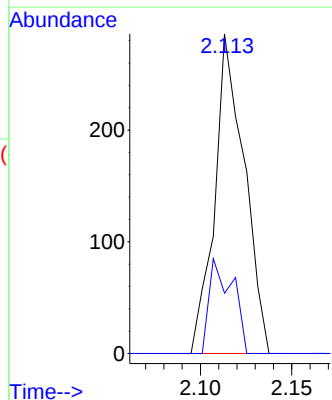
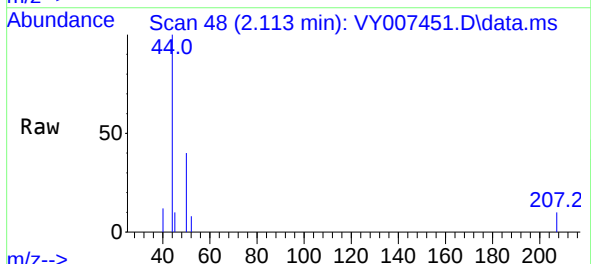
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-SOUTH-COMP

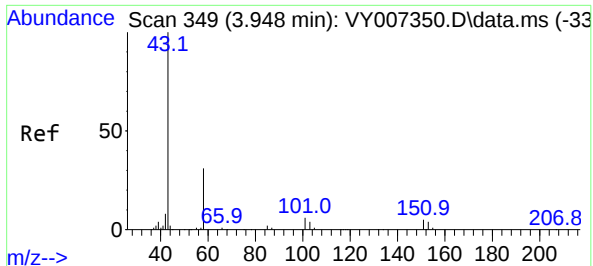
Tgt Ion:168 Resp: 104019
Ion Ratio Lower Upper
168 100
99 63.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 18.9 24.6 37.0#

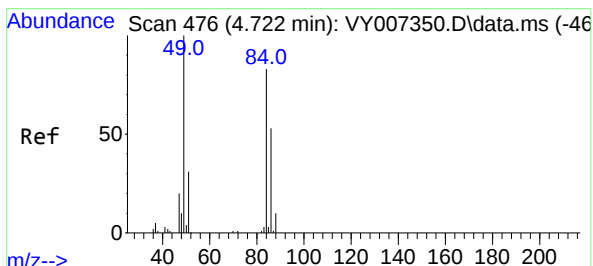
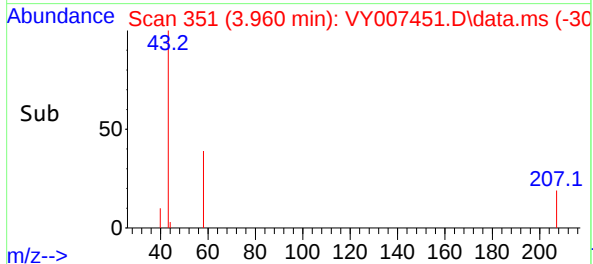
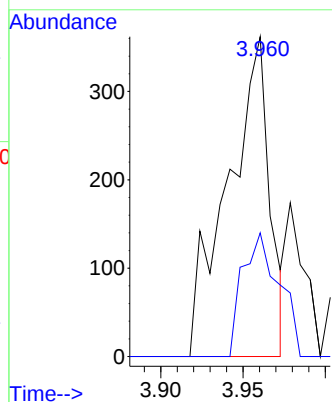
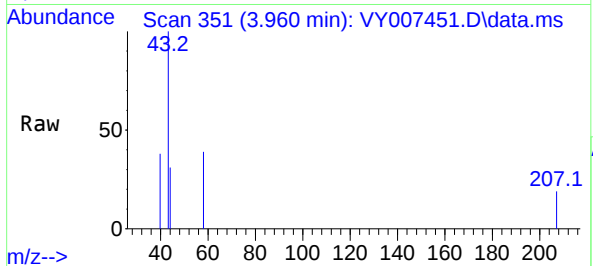




#16
Acetone
Concen: 1.647 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

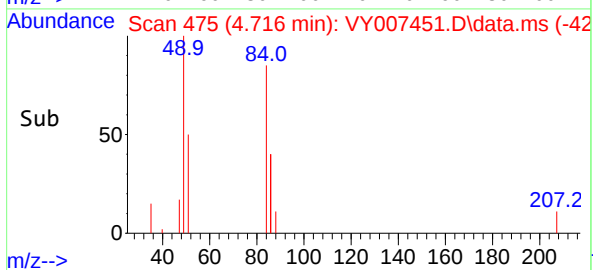
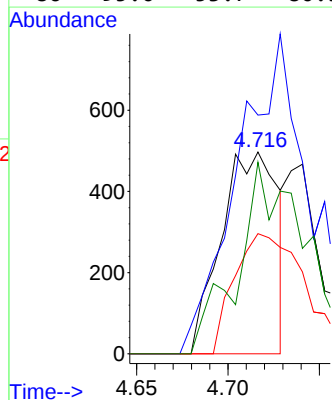
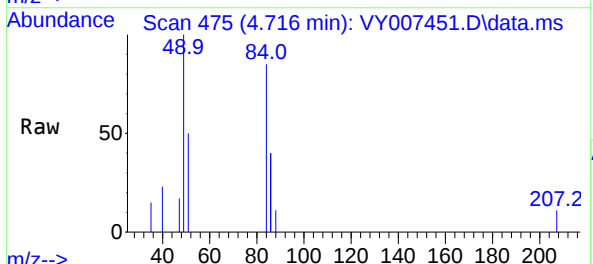
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-SOUTH-COMP

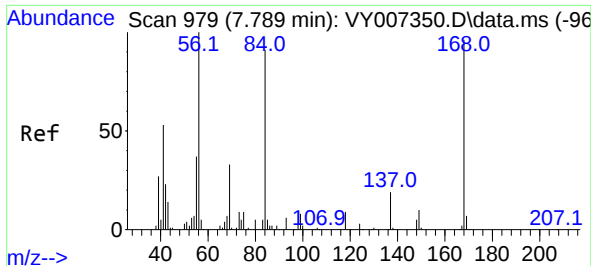
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 38.7 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

Tgt Ion: 84 Resp: 1074
Ion Ratio Lower Upper
84 100
49 118.3 114.4 171.6
51 59.6 35.3 52.9#
86 95.0 53.7 80.5#

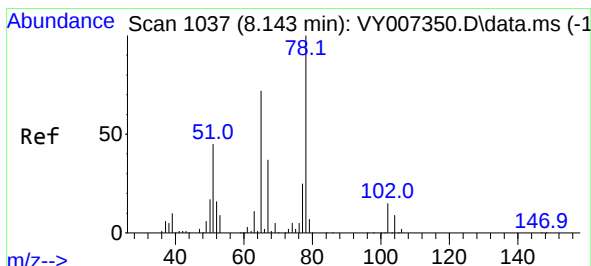
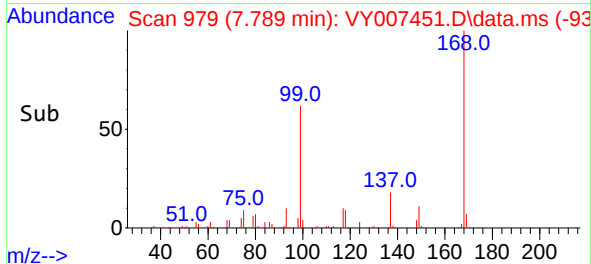
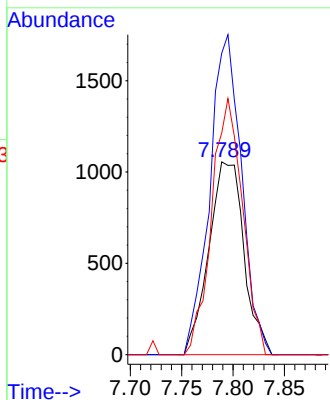
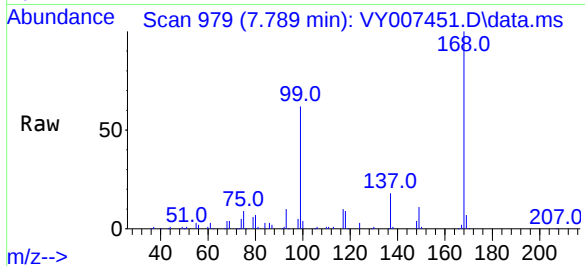




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

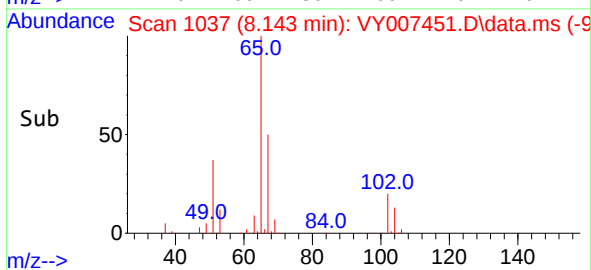
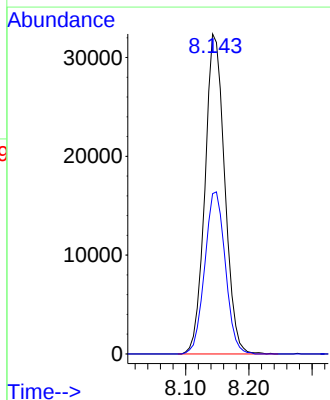
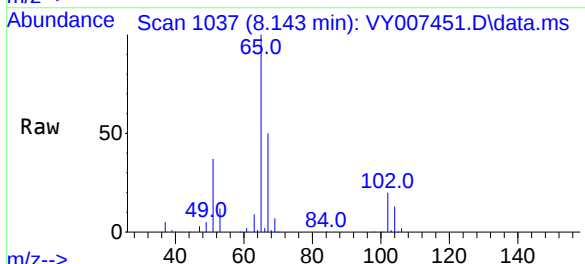
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-SOUTH-COMP

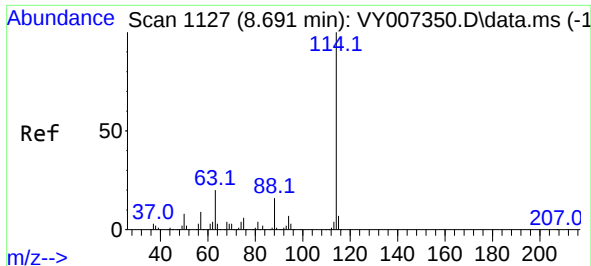
Tgt Ion: 56 Resp: 2511
Ion Ratio Lower Upper
56 100
69 156.4 26.7 40.1#
84 115.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.850 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

Tgt Ion: 65 Resp: 70412
Ion Ratio Lower Upper
65 100
67 52.7 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: VY007451.D

Acq: 09 Feb 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-SOUTH-COMP

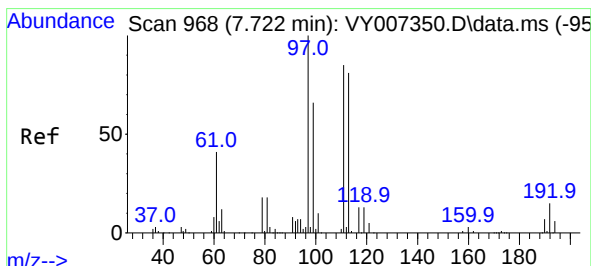
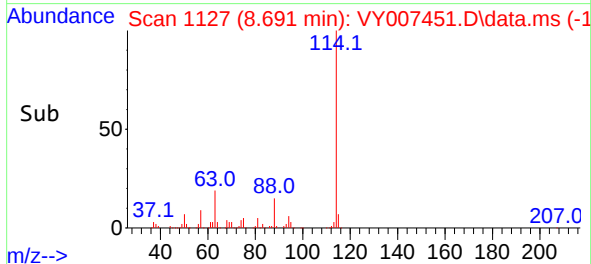
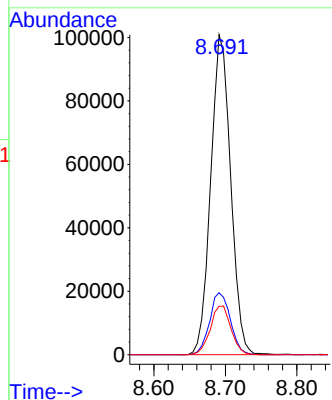
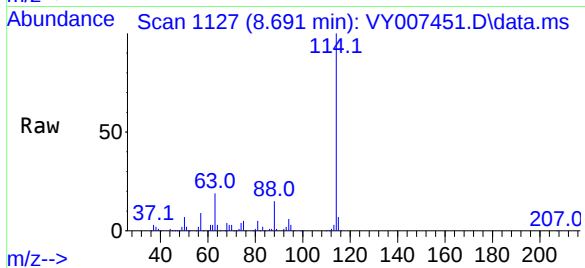
Tgt Ion:114 Resp: 195423

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.350 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY007451.D

Acq: 09 Feb 2022 14:36

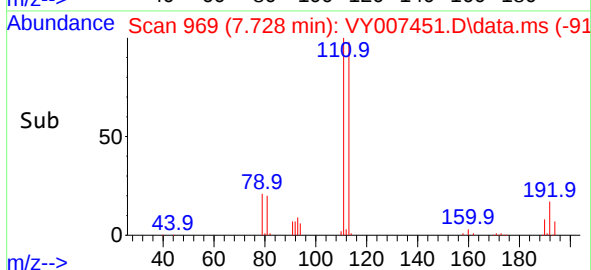
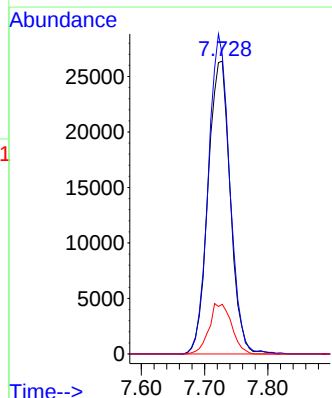
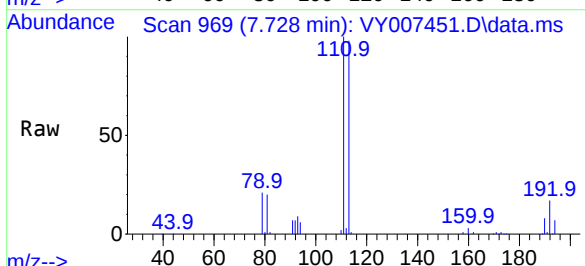
Tgt Ion:113 Resp: 64438

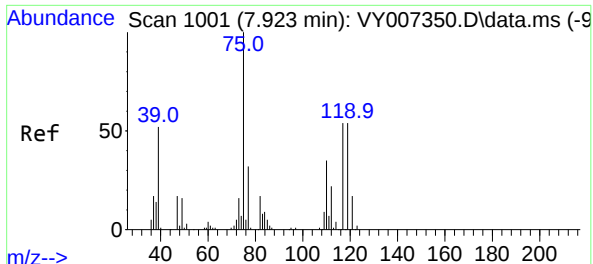
Ion Ratio Lower Upper

113 100

111 105.3 82.6 124.0

192 17.4 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 4.069 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY007451.D

Acq: 09 Feb 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-SOUTH-COMP

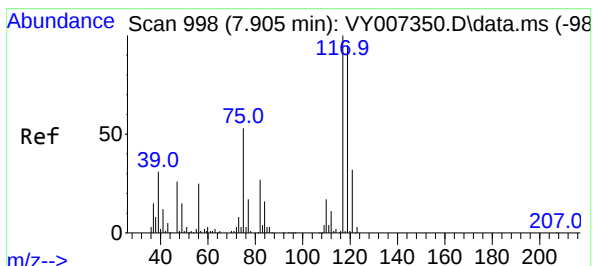
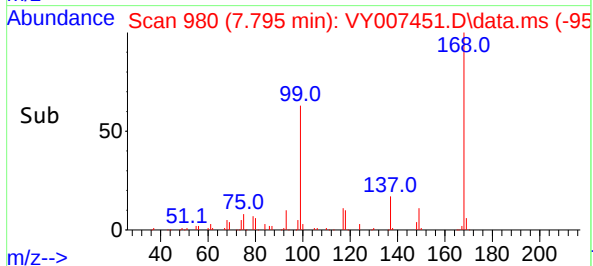
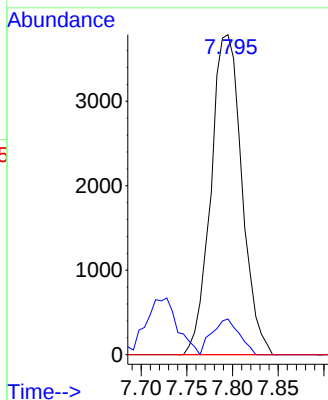
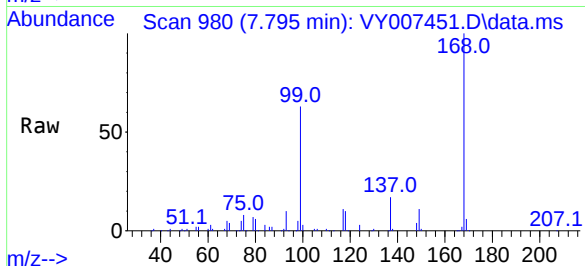
Tgt Ion: 75 Resp: 8927

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.927 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007451.D

Acq: 09 Feb 2022 14:36

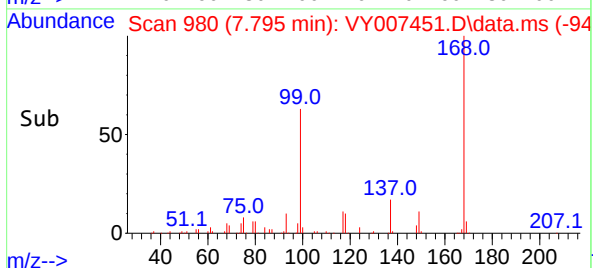
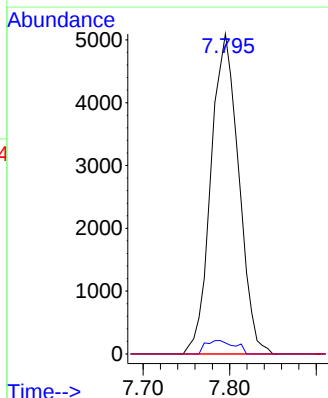
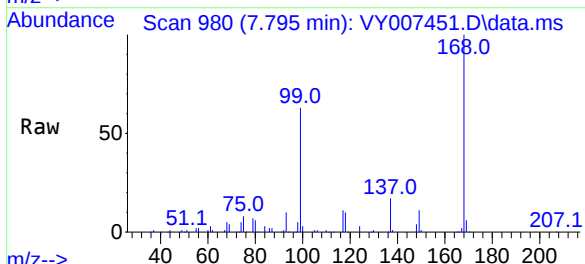
Tgt Ion: 117 Resp: 11357

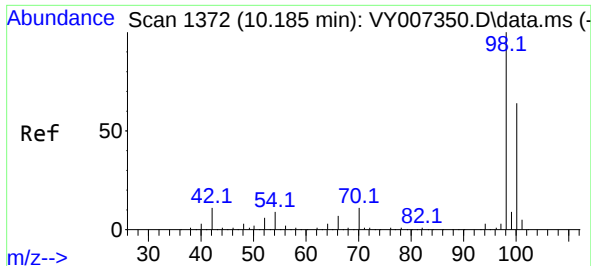
Ion Ratio Lower Upper

117 100

119 3.4 77.9 116.9#

121 0.0 24.8 37.2#

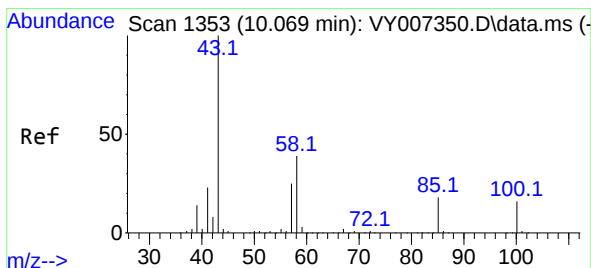
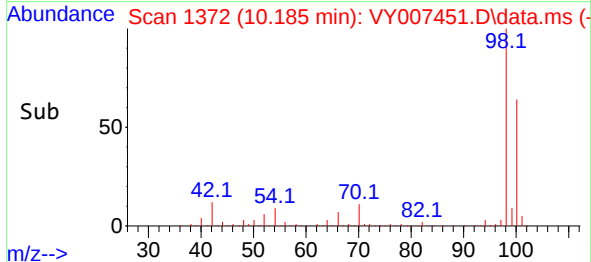
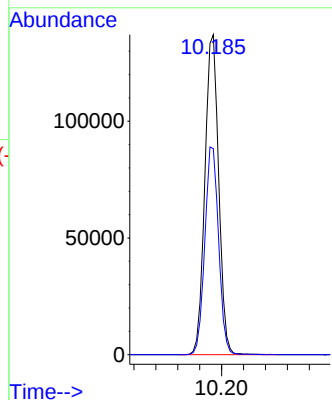
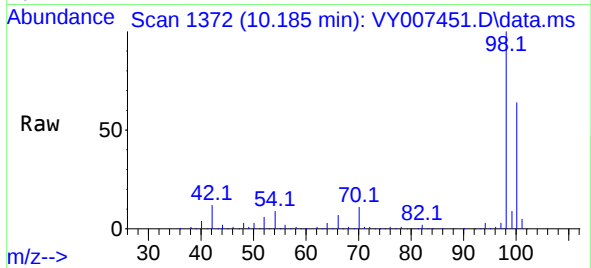




#50
Toluene-d8
Concen: 51.556 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

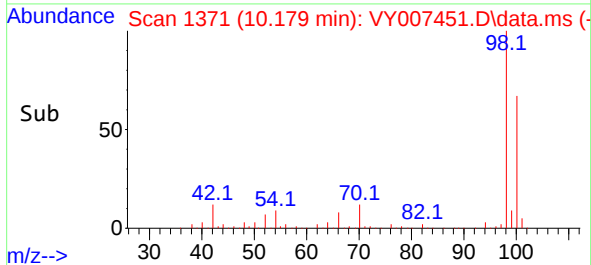
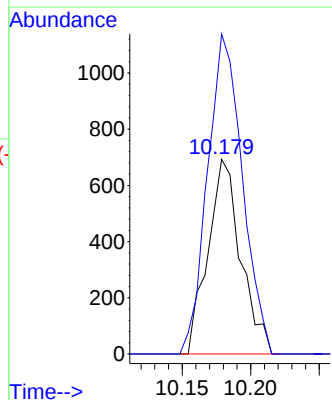
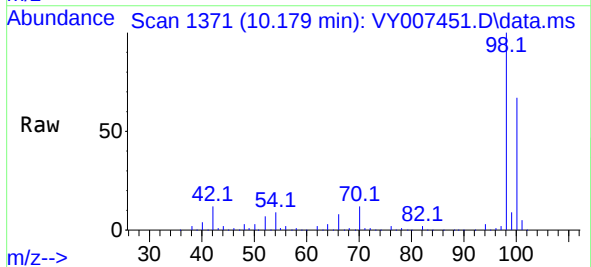
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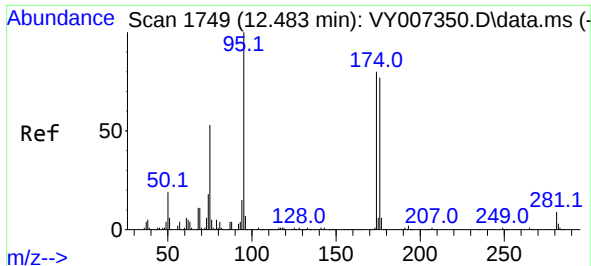
Tgt Ion: 98 Resp: 239022
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.116 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 174.6 28.1 42.1#

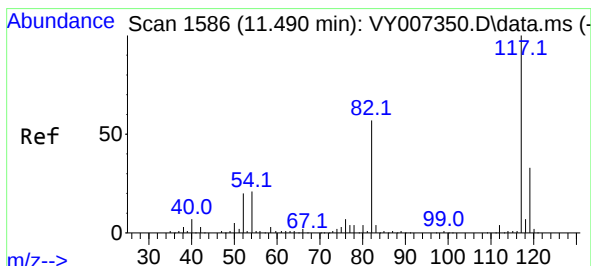
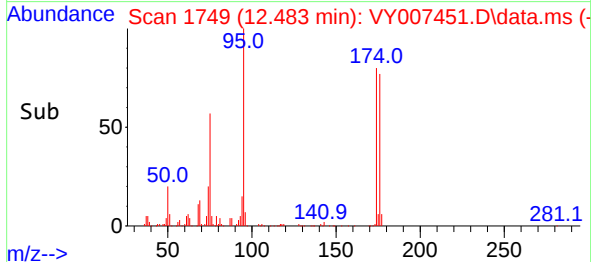
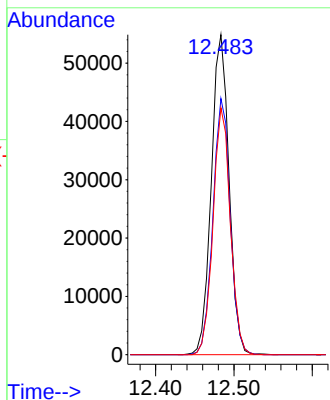
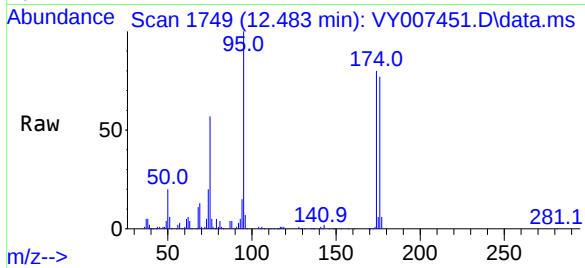




#62
4-Bromofluorobenzene
Concen: 54.741 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

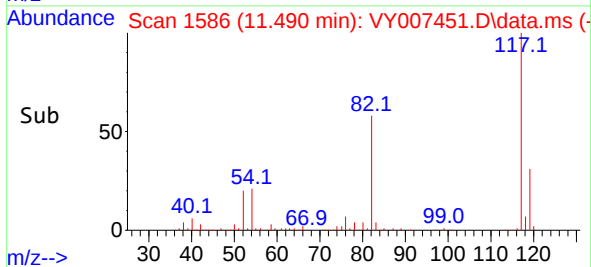
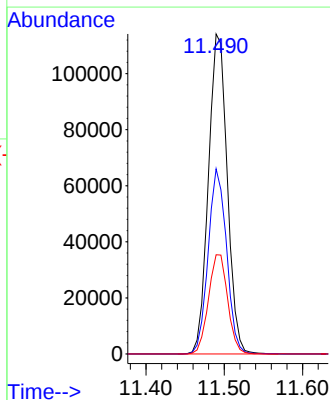
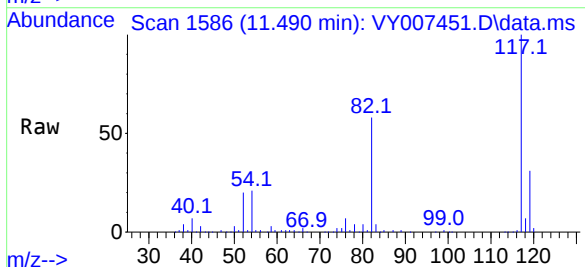
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-SOUTH-COMP

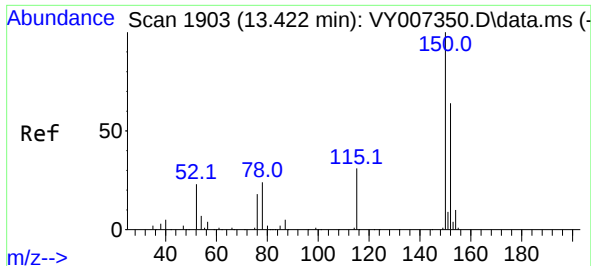
Tgt Ion: 95 Resp: 86260
Ion Ratio Lower Upper
95 100
174 78.2 0.0 177.0
176 75.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007451.D
Acq: 09 Feb 2022 14:36

Tgt Ion: 117 Resp: 190753
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 31.0 25.4 38.0

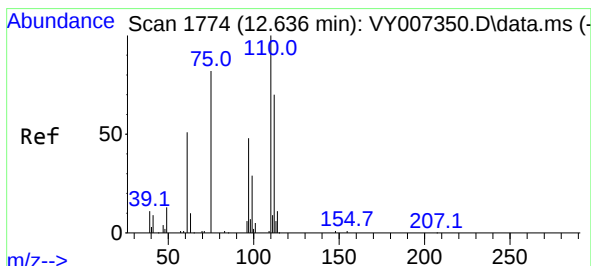
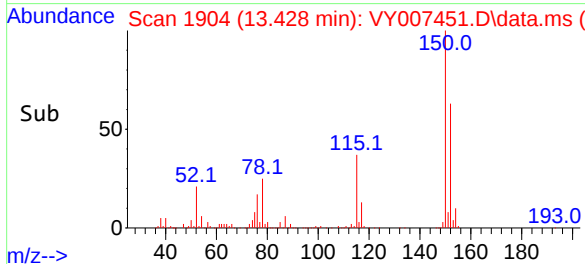
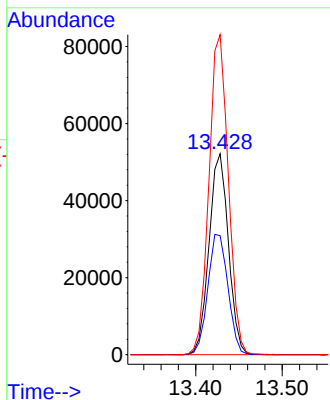
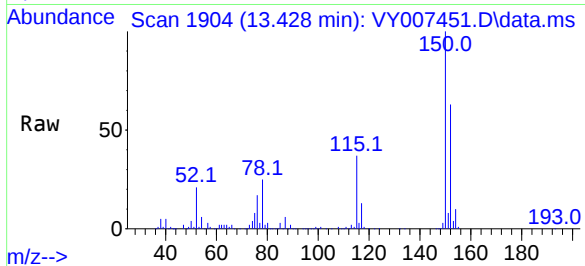




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007451.D
 Acq: 09 Feb 2022 14:36

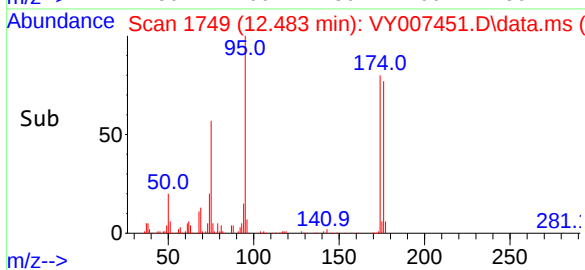
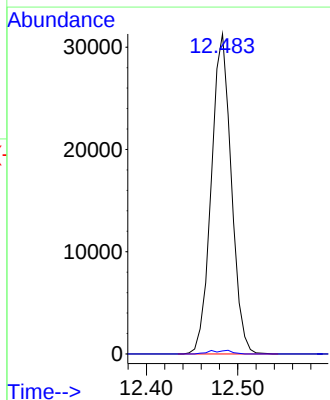
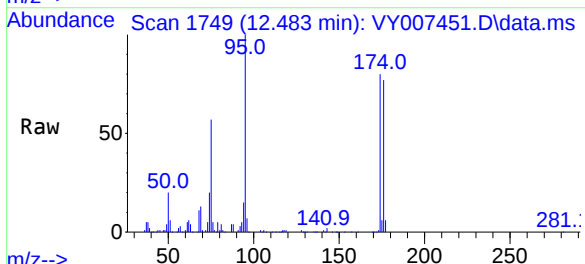
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-SOUTH-COMP

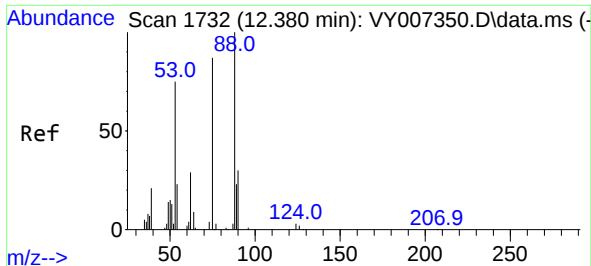
Tgt Ion:152 Resp: 81214
 Ion Ratio Lower Upper
 152 100
 115 62.1 28.2 84.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.185 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007451.D
 Acq: 09 Feb 2022 14:36

Tgt Ion: 75 Resp: 47487
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.538 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007451.D
 Acq: 09 Feb 2022 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-SOUTH-COMP

Tgt Ion: 75 Resp: 47487
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

