

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008594.D
 Acq On : 03 May 2022 16:05
 Operator : KP/MD
 Sample : N2616-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20D

Quant Time: May 04 02:42:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

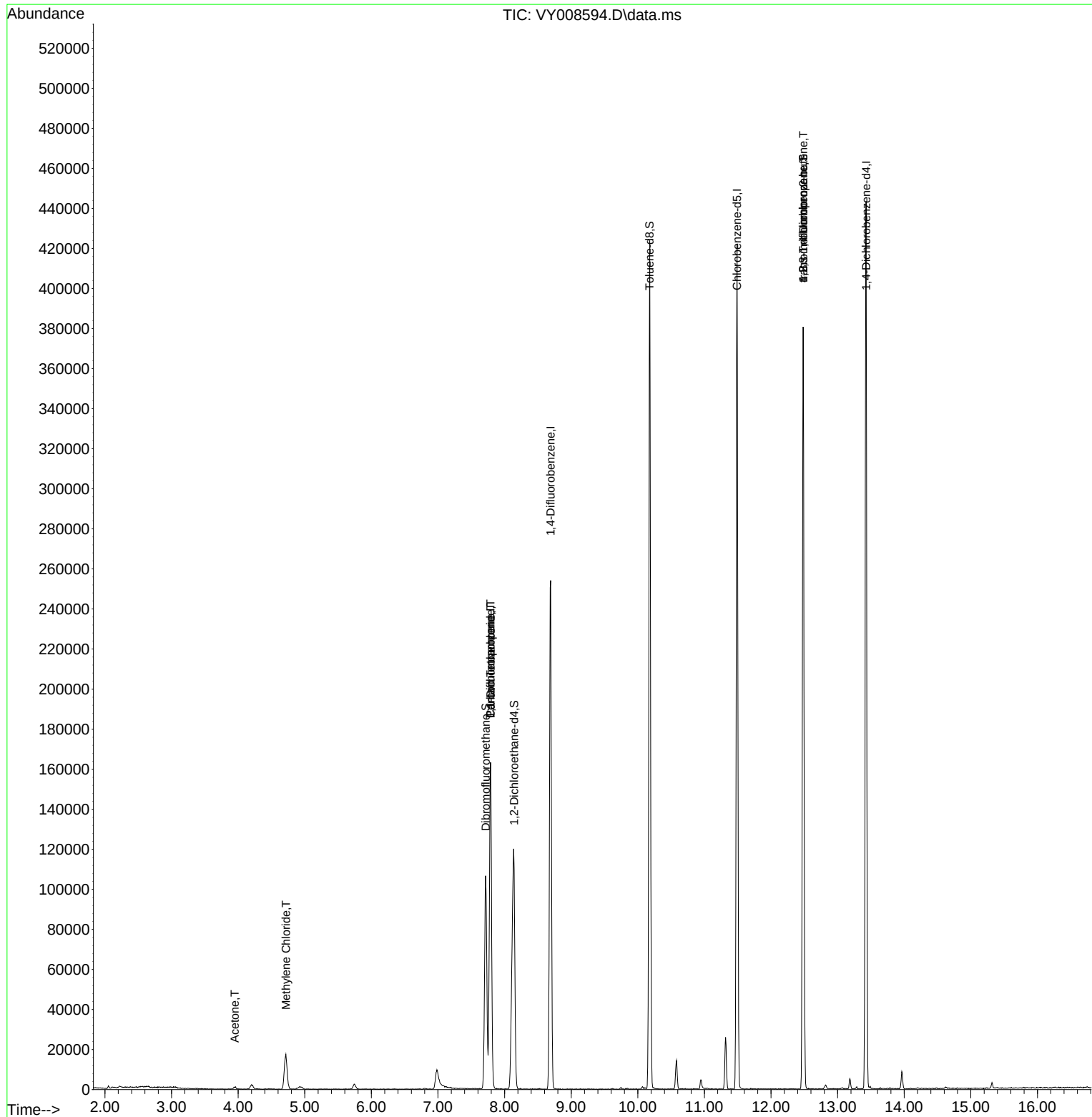
Internal Standards						
1) Pentafluorobenzene	7.789	168	139981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70547	51.853	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 103.700%	
35) Dibromofluoromethane	7.716	113	76134	47.815	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 95.640%	
50) Toluene-d8	10.179	98	282912	50.152	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.483	95	105965	51.251	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 102.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	128	Below Cal		100
11) Tert butyl alcohol	4.936	59	2260	Below Cal	#	77
16) Acetone	3.948	43	1753	5.980	ug/l #	86
18) Methyl Acetate	4.460	43	221	Below Cal	#	83
20) Methylene Chloride	4.716	84	14109	2.338	ug/l #	69
36) 1,1-Dichloropropene	7.789	75	9196	3.714	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12783	4.525	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51554	38.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51554	77.893	ug/l #	7

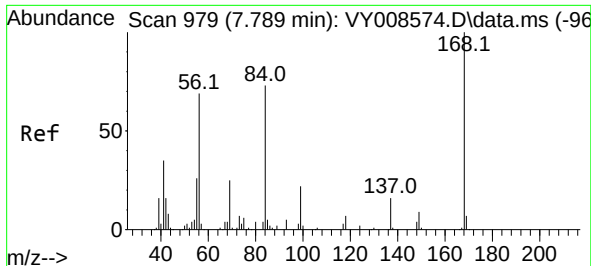
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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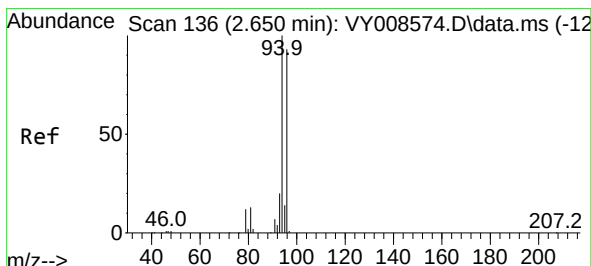
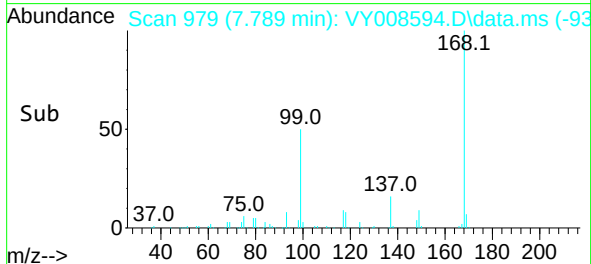
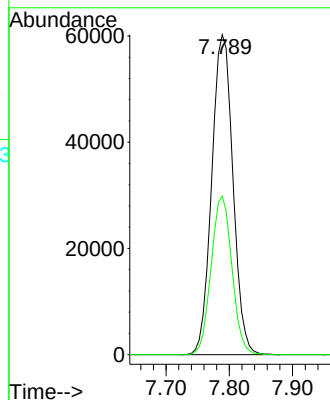
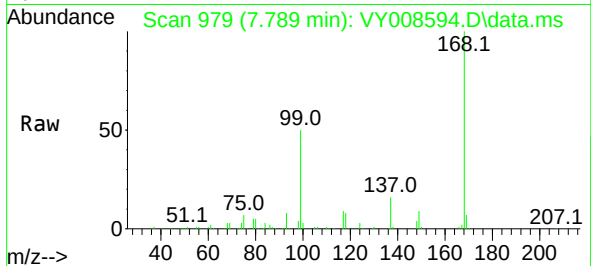




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

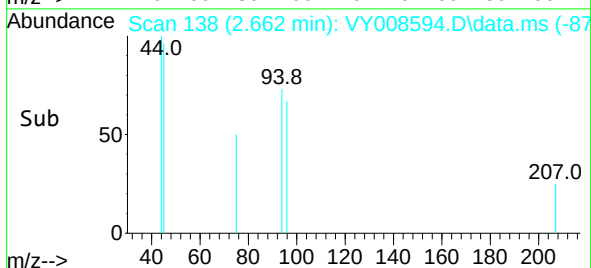
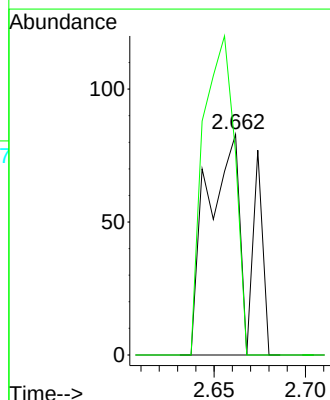
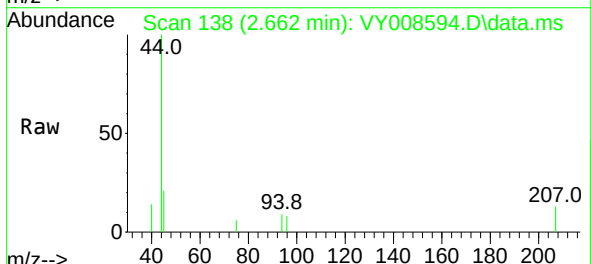
Instrument :
MSVOA_Y
ClientSampleId :
MH-20D

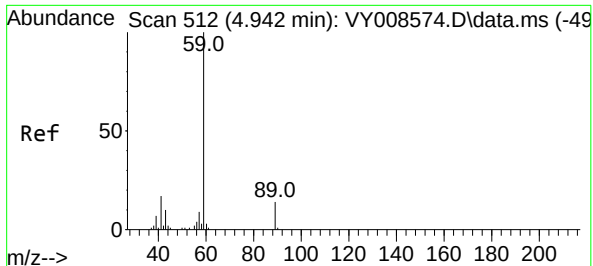
Tgt Ion:168 Resp: 139981
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 91.6 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY008594.D

Acq: 03 May 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

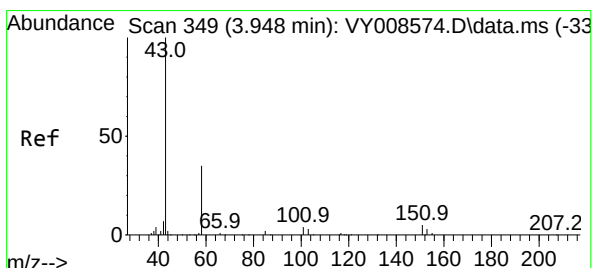
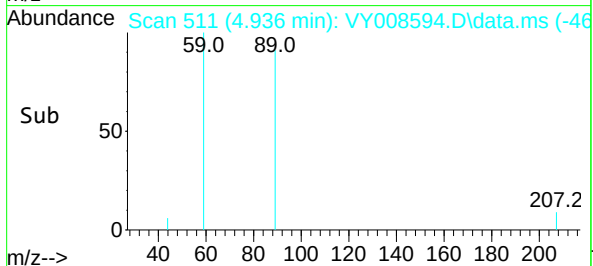
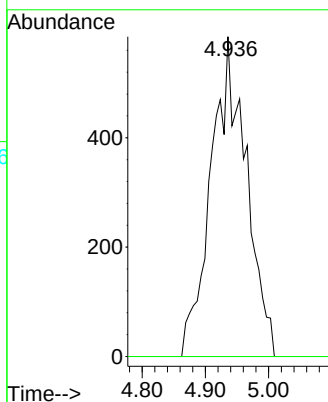
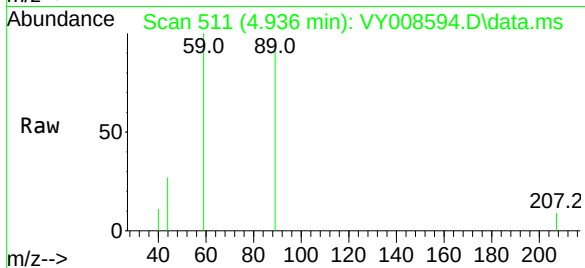
MH-20D

Tgt Ion: 59 Resp: 2260

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.980 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008594.D

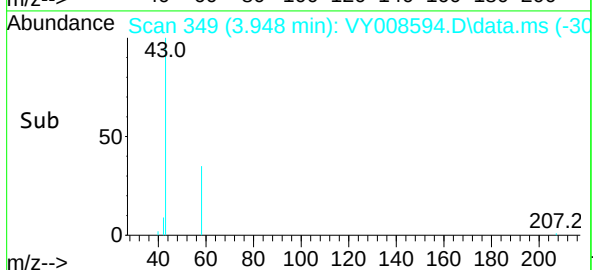
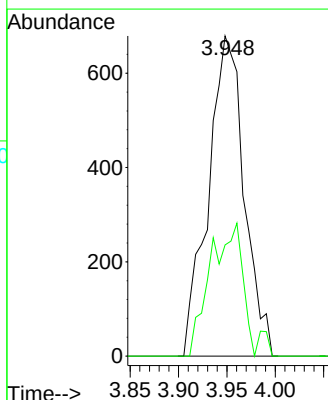
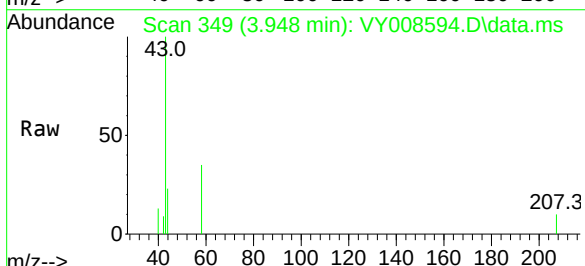
Acq: 03 May 2022 16:05

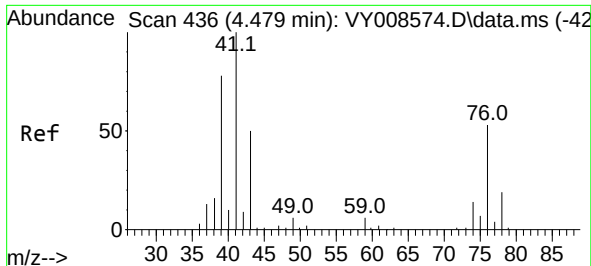
Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

43 100

58 34.8 22.0 33.0#

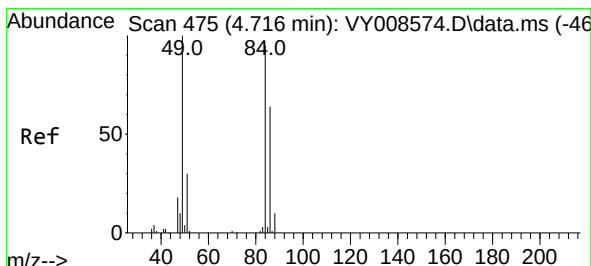
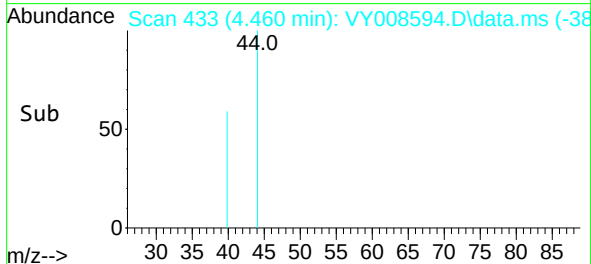
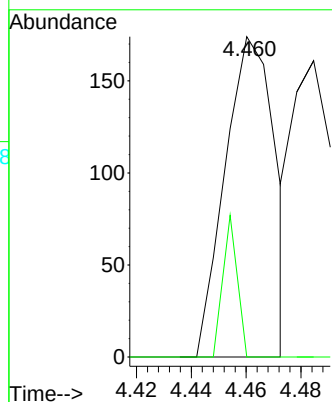
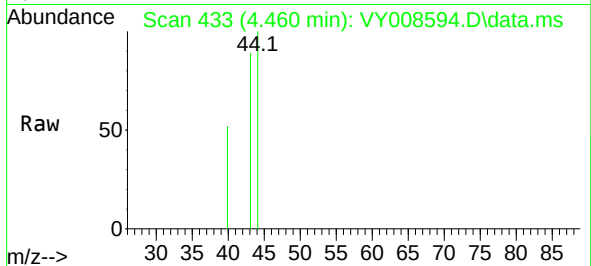




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

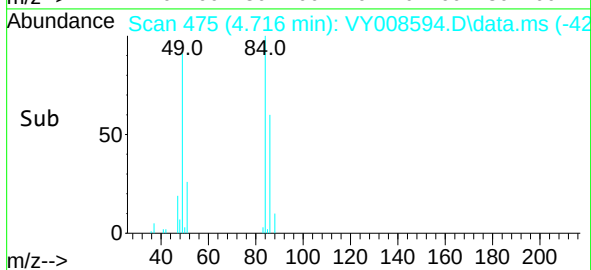
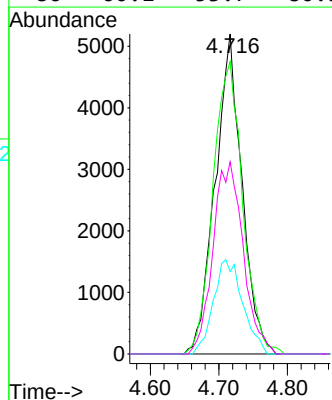
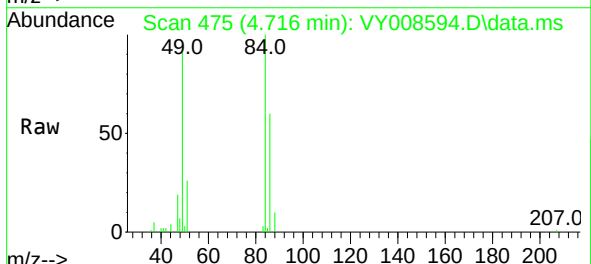
Instrument :
MSVOA_Y
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MH-20D

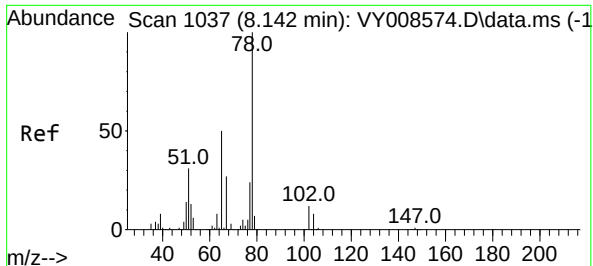
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
74 12.7 16.6 24.8#



#20
Methylene Chloride
Concen: 2.338 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion: 84 Resp: 14109
Ion Ratio Lower Upper
84 100
49 91.3 114.4 171.6#
51 25.8 35.3 52.9#
86 60.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.853 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008594.D

Acq: 03 May 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

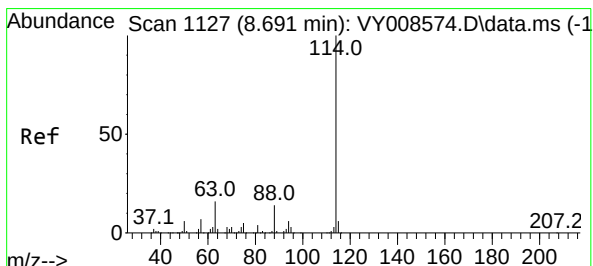
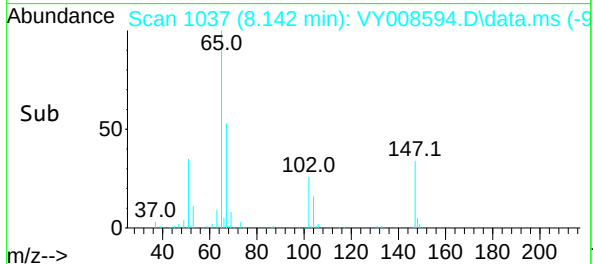
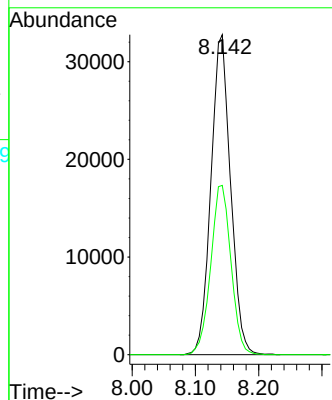
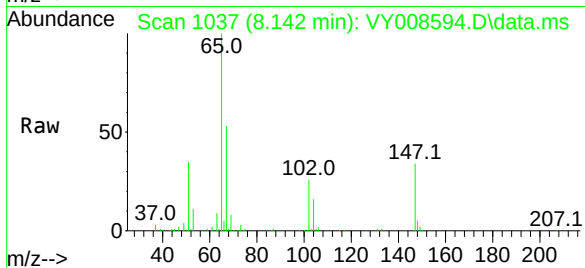
MH-20D

Tgt Ion: 65 Resp: 70547

Ion Ratio Lower Upper

65 100

67 54.7 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: VY008594.D

Acq: 03 May 2022 16:05

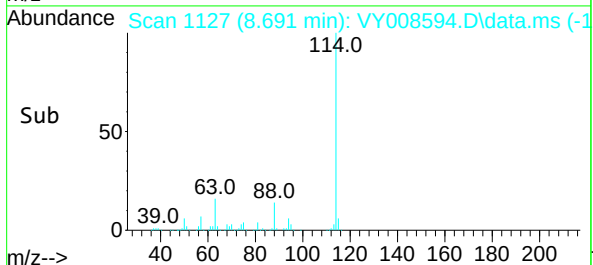
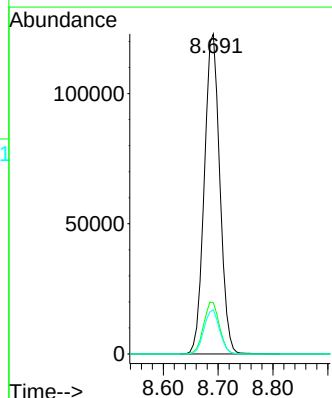
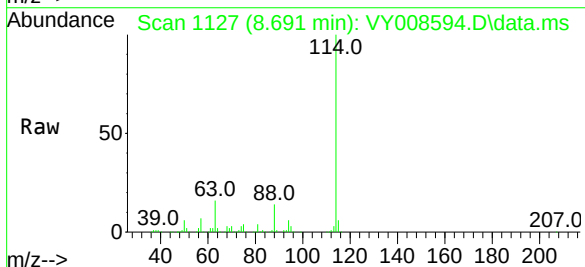
Tgt Ion: 114 Resp: 240632

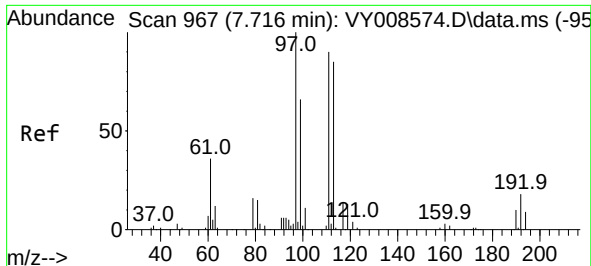
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.8 0.0 31.8

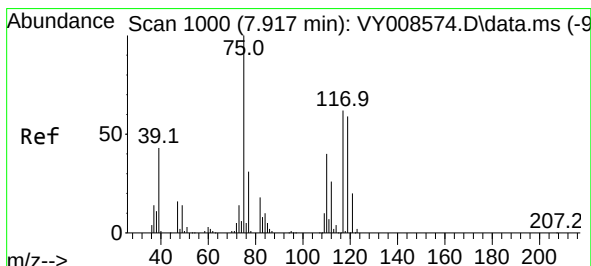
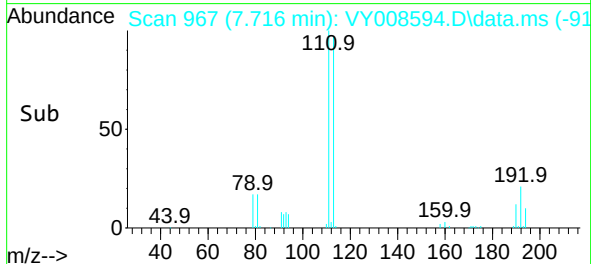
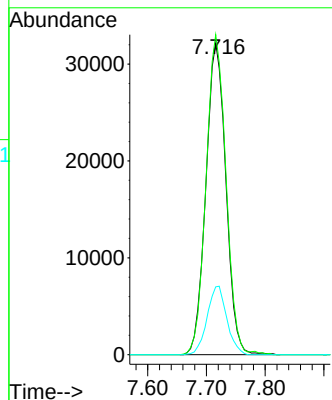
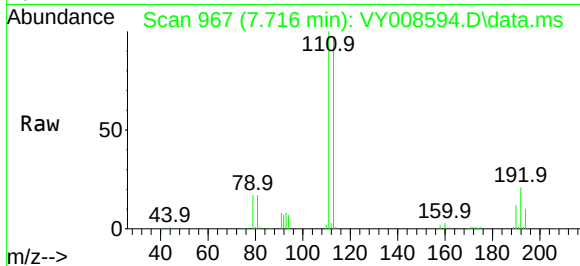




#35
Dibromofluoromethane
Concen: 47.815 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

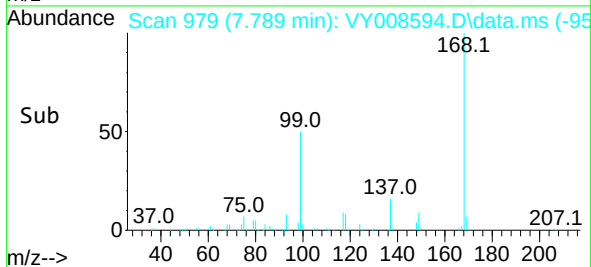
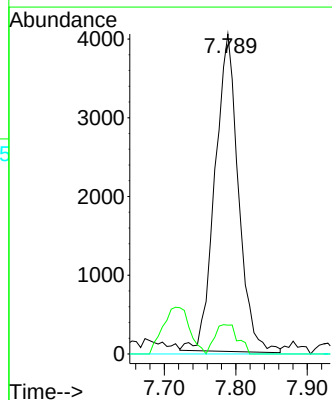
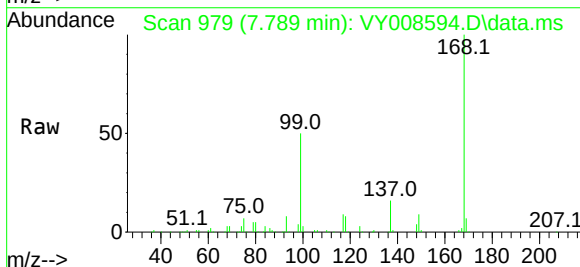
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ClientSampleId :
MH-20D

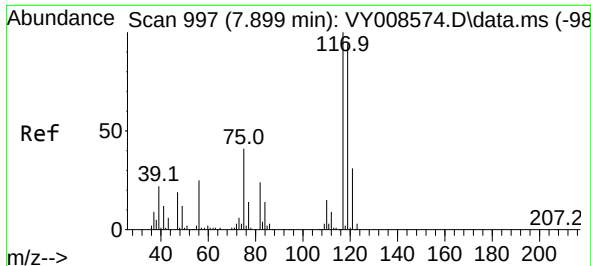
Tgt Ion:113 Resp: 76134
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.714 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion: 75 Resp: 9196
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

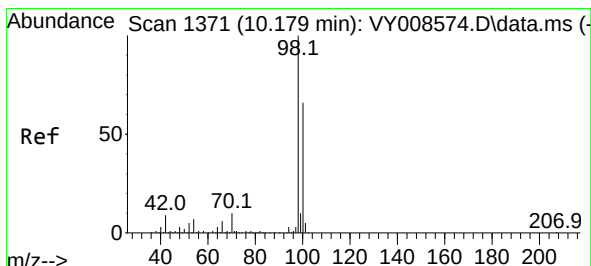
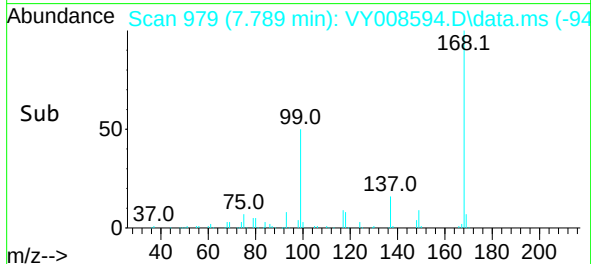
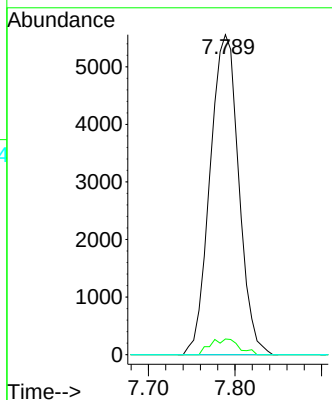
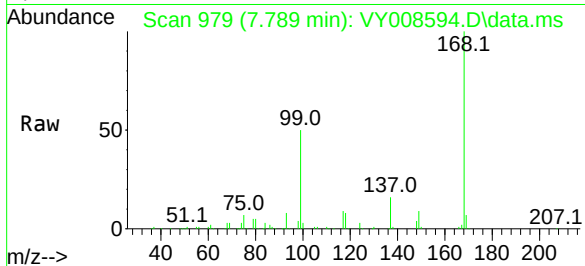




#38
Carbon Tetrachloride
Concen: 4.525 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

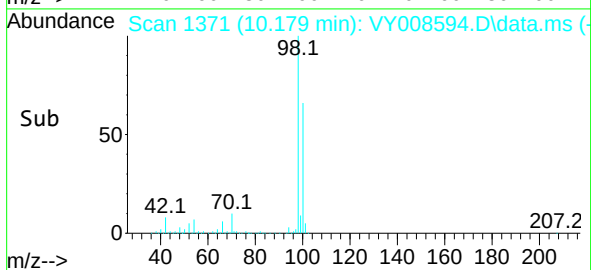
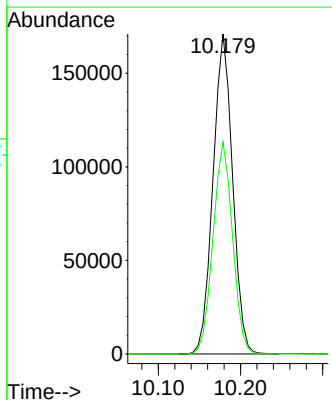
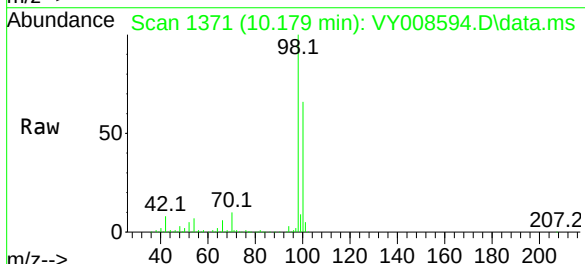
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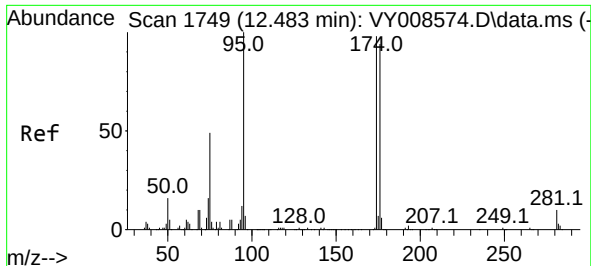
Tgt Ion:117 Resp: 12783
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.152 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion: 98 Resp: 282912
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2

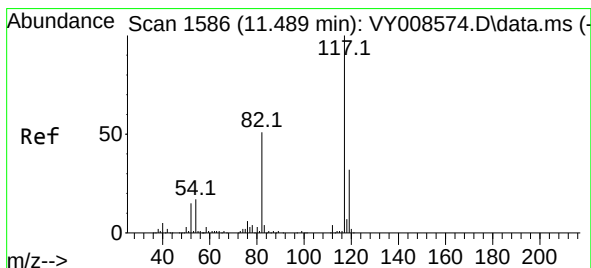
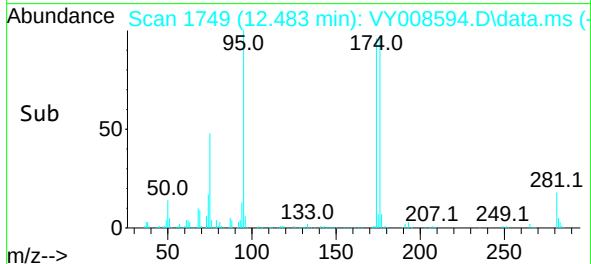
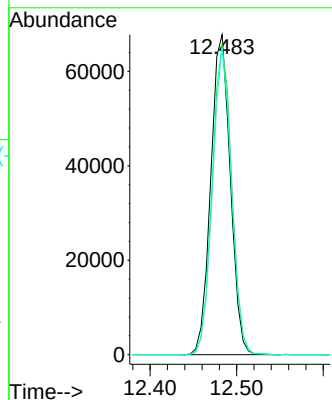
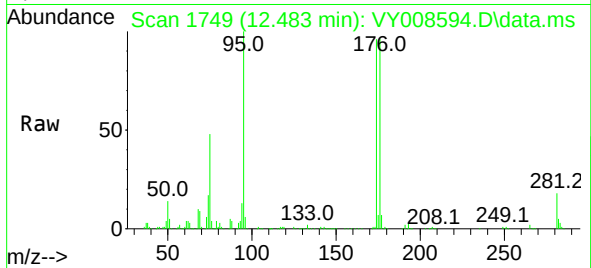




#62
4-Bromofluorobenzene
Concen: 51.251 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

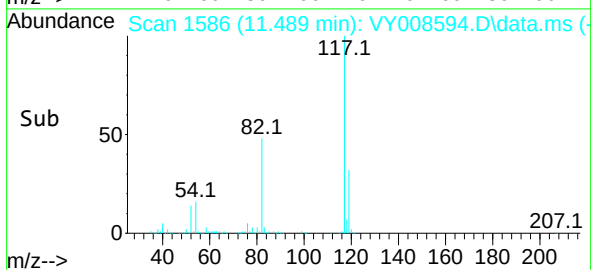
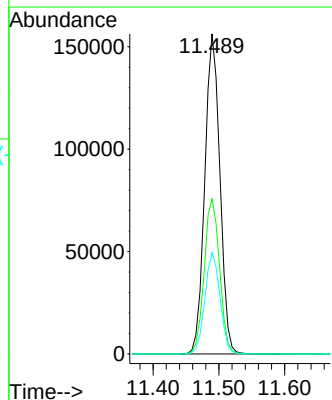
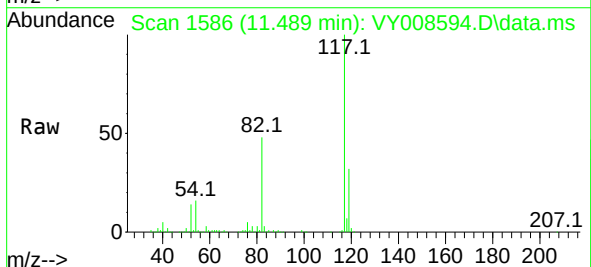
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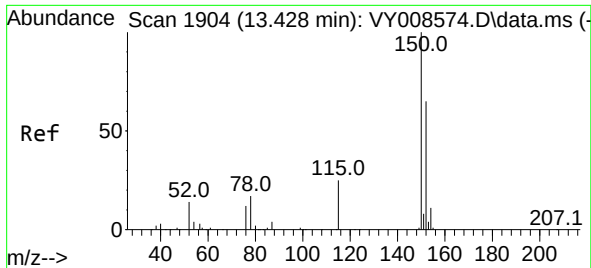
Tgt Ion: 95 Resp: 105965
Ion Ratio Lower Upper
95 100
174 96.8 0.0 177.0
176 93.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008594.D
Acq: 03 May 2022 16:05

Tgt Ion: 117 Resp: 250133
Ion Ratio Lower Upper
117 100
82 48.5 43.0 64.4
119 31.7 25.4 38.0

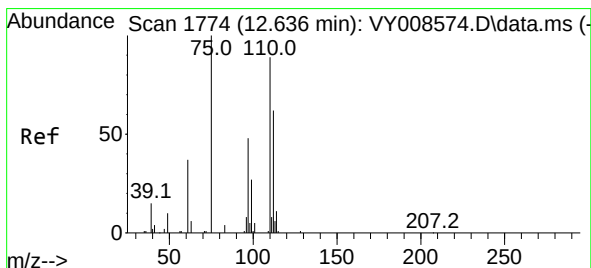
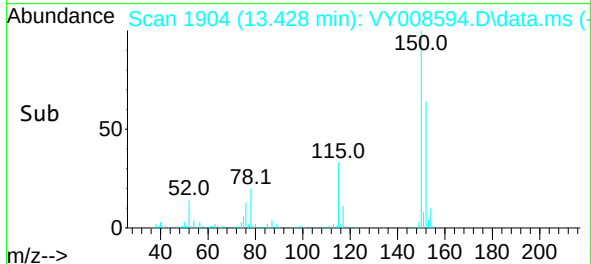
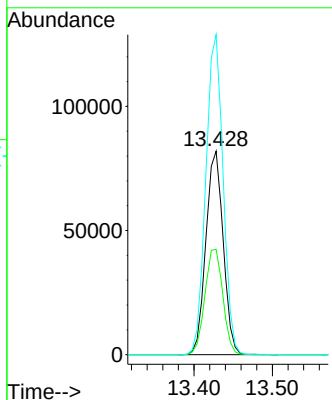
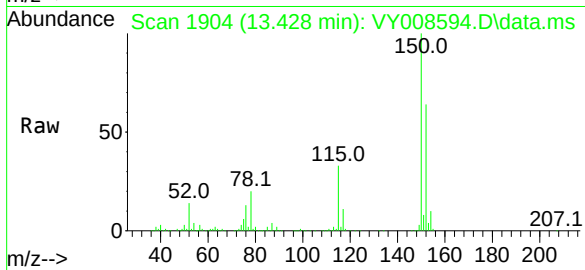




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008594.D
 Acq: 03 May 2022 16:05

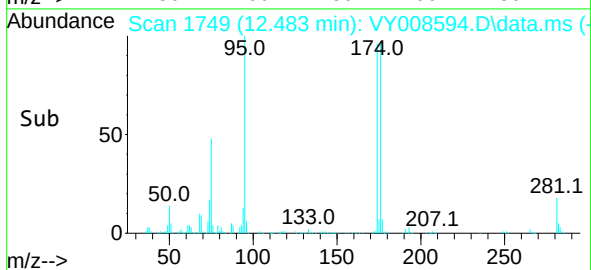
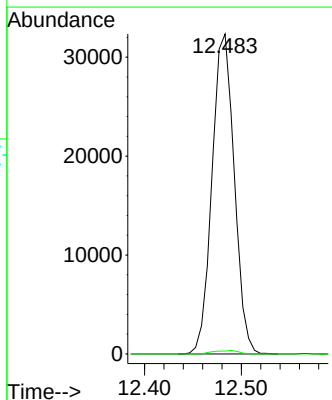
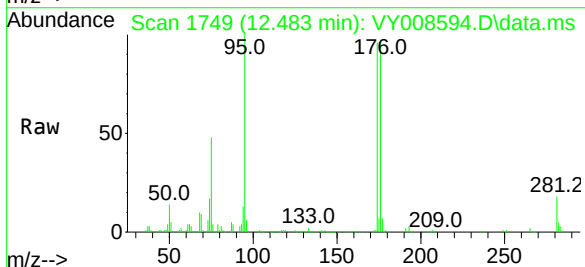
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20D

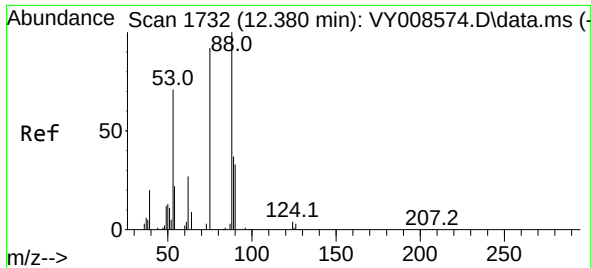
Tgt Ion:152 Resp: 125704
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.420 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008594.D
 Acq: 03 May 2022 16:05

Tgt Ion: 75 Resp: 51554
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.893 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008594.D
 Acq: 03 May 2022 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20D

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

