

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008713.D
 Acq On : 11 May 2022 17:37
 Operator : KP/MD
 Sample : N2781-03
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-1218-01

Quant Time: May 12 06:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

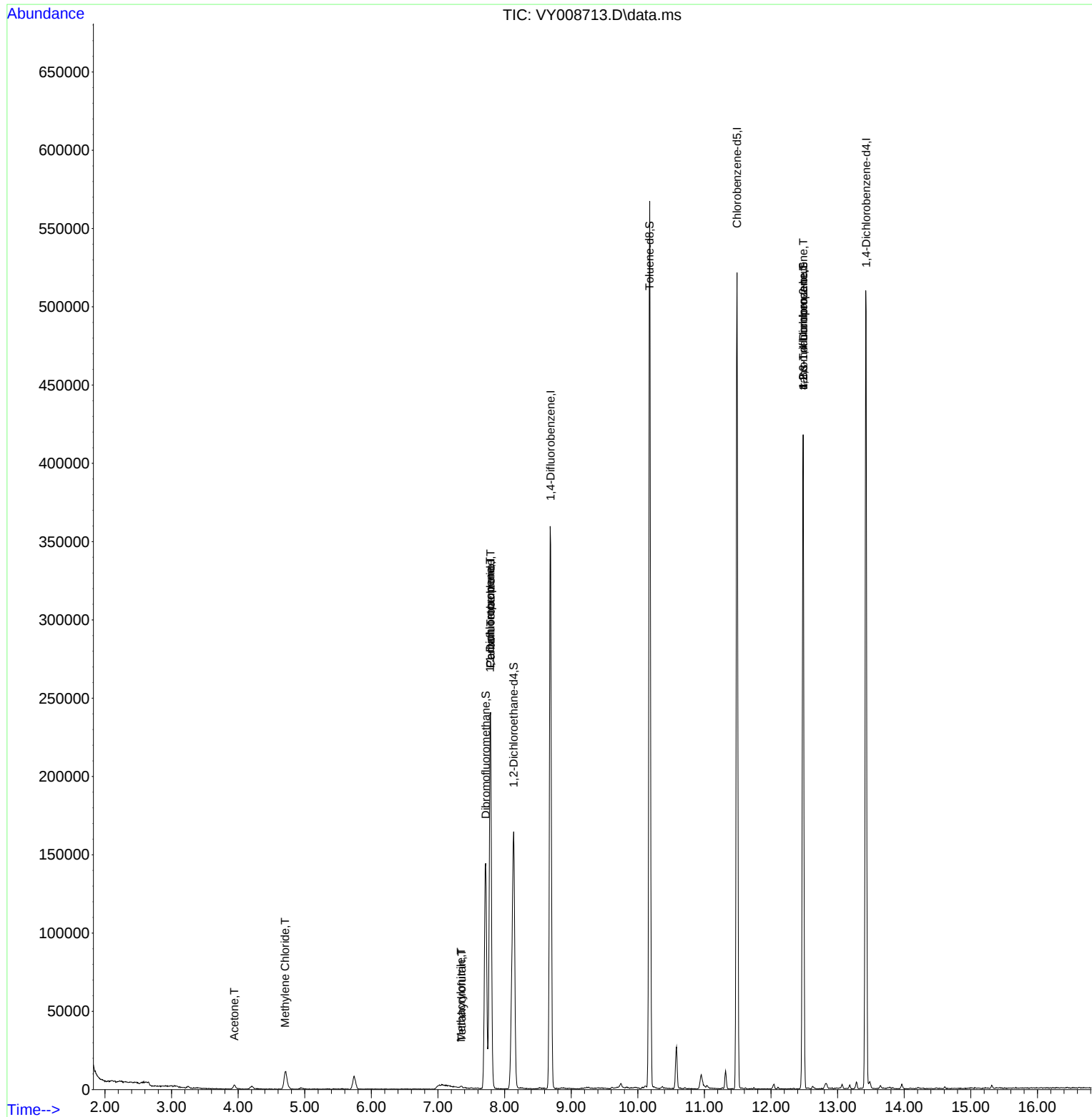
Internal Standards						
1) Pentafluorobenzene	7.789	168	205334	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	333925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100244	56.976	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 113.960%	
35) Dibromofluoromethane	7.716	113	106162	51.590	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 103.180%	
50) Toluene-d8	10.179	98	385749	53.195	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.483	95	122222	46.848	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 93.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	4553	10.969	ug/l	# 71
18) Methyl Acetate	4.277	43	63	Below Cal	#	56
20) Methylene Chloride	4.704	84	9799	3.887	ug/l	# 71
29) Tetrahydrofuran	7.356	42	648	1.421	ug/l	# 63
36) 1,1-Dichloropropene	7.783	75	13378	4.046	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	18408	5.505	ug/l	# 15
41) Methacrylonitrile	7.344	41	339	1.136	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	59989	37.220	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	59989	74.052	ug/l	# 7

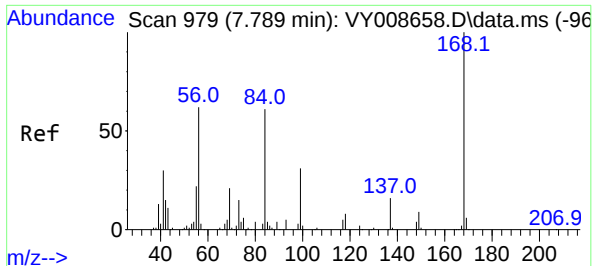
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

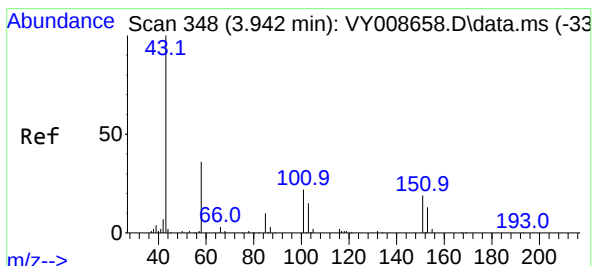
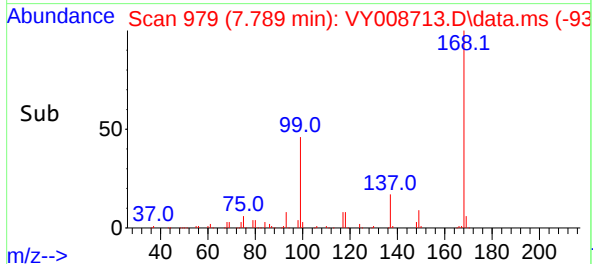
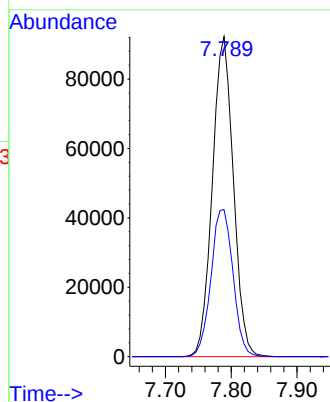
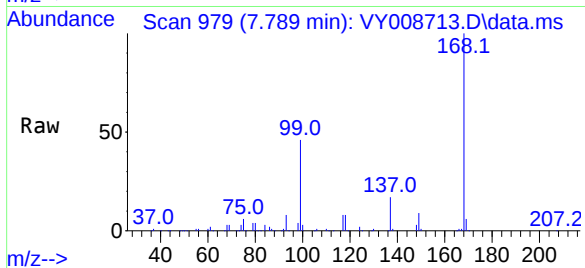




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

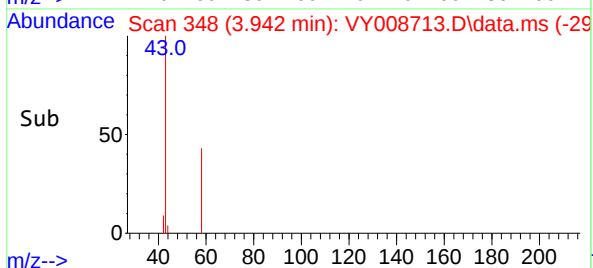
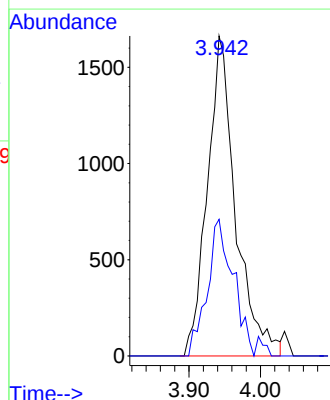
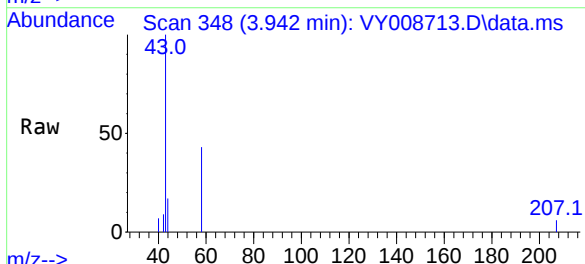
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1218-01

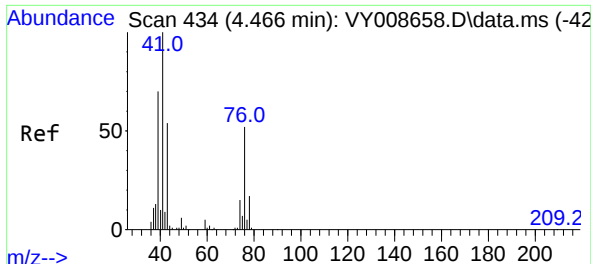
Tgt Ion:168 Resp: 205334
Ion Ratio Lower Upper
168 100
99 46.0 46.9 70.3#



#16
Acetone
Concen: 10.969 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

Tgt Ion: 43 Resp: 4553
Ion Ratio Lower Upper
43 100
58 42.7 22.0 33.0#

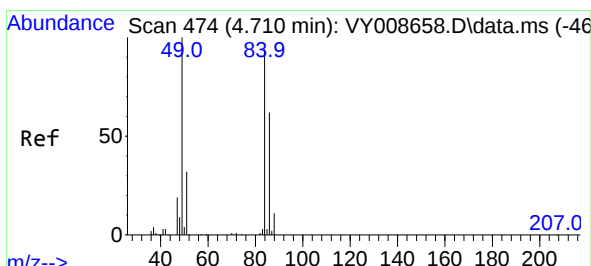
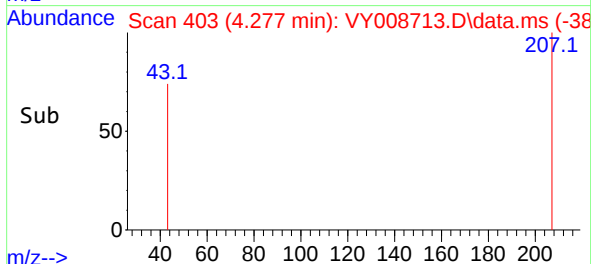
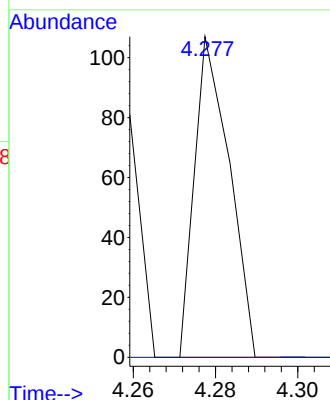
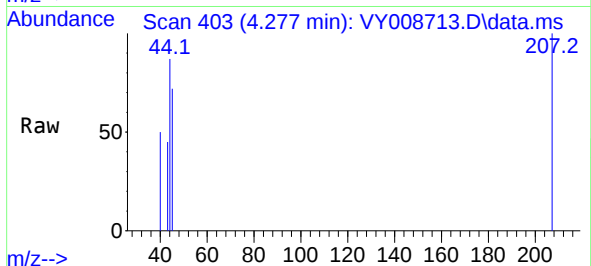




#18
Methyl Acetate
Concen: Below Cal
RT: 4.277 min Scan# 403
Delta R.T. -0.189 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

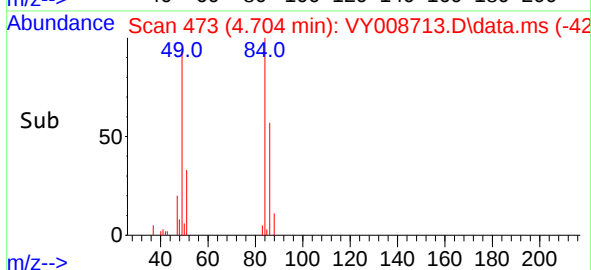
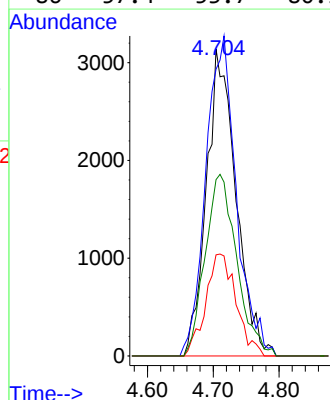
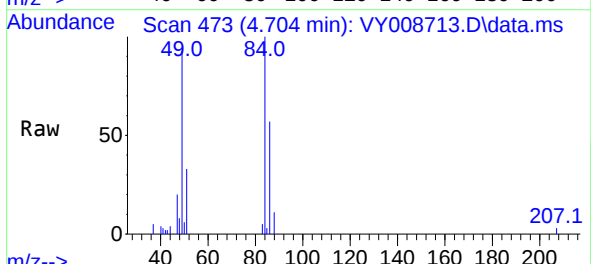
Instrument :
MSVOA_Y
ClientSampleId :
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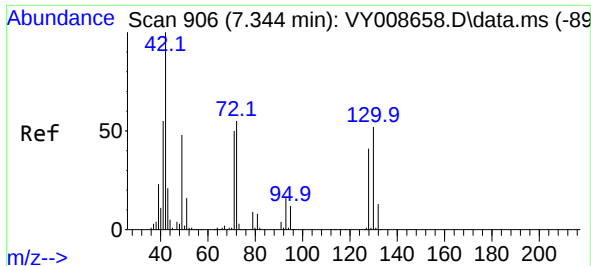
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 3.887 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

Tgt Ion: 84 Resp: 9799
Ion Ratio Lower Upper
84 100
49 93.4 114.4 171.6#
51 32.9 35.3 52.9#
86 57.4 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.421 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY008713.D

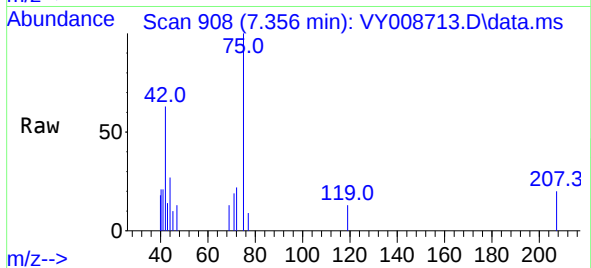
Acq: 11 May 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-1218-01



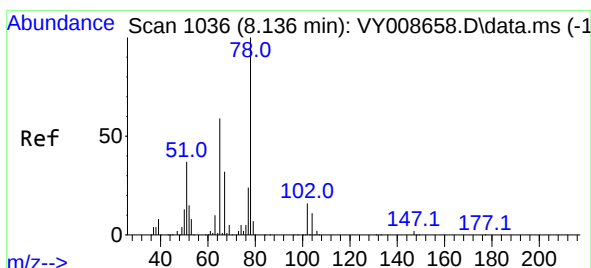
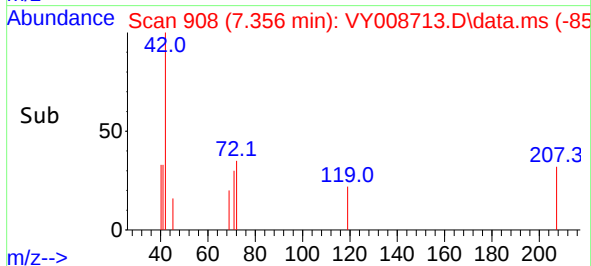
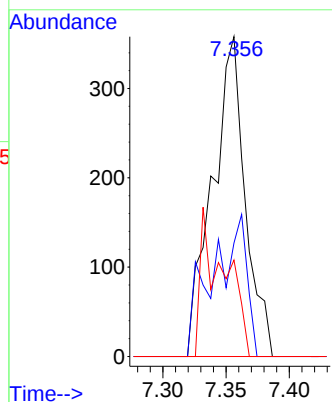
Tgt Ion: 42 Resp: 648

Ion Ratio Lower Upper

42 100

72 46.0 30.3 45.5#

71 0.0 29.0 43.4#



#33

1,2-Dichloroethane-d4

Concen: 56.976 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008713.D

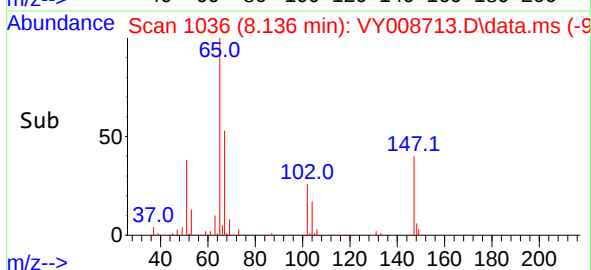
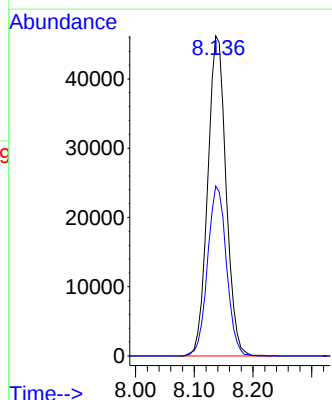
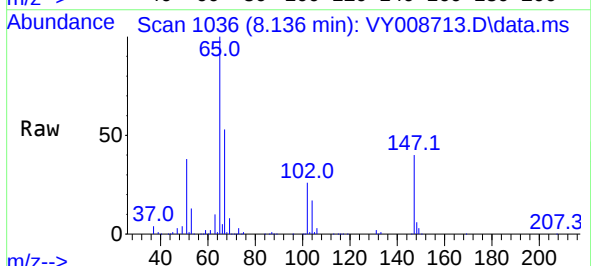
Acq: 11 May 2022 17:37

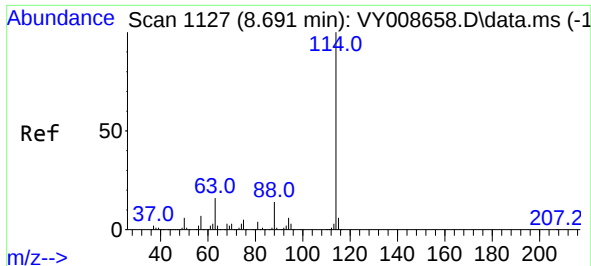
Tgt Ion: 65 Resp: 100244

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# 11

Delta R.T. 0.000 min

Lab File: VY008713.D

Acq: 11 May 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-1218-01

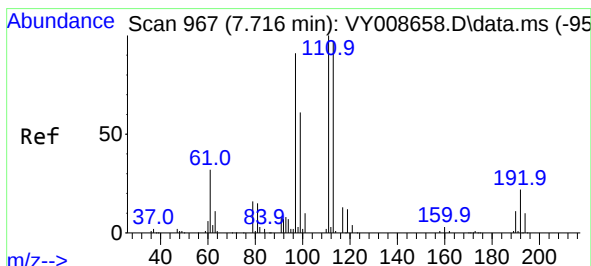
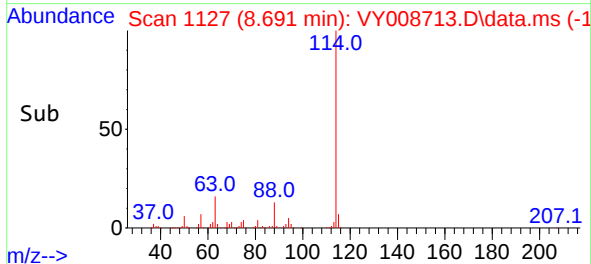
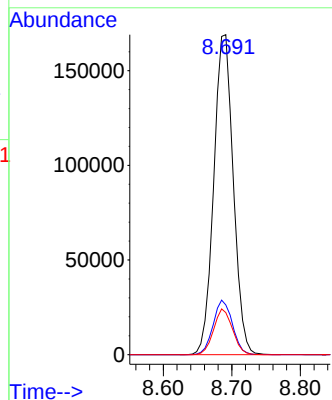
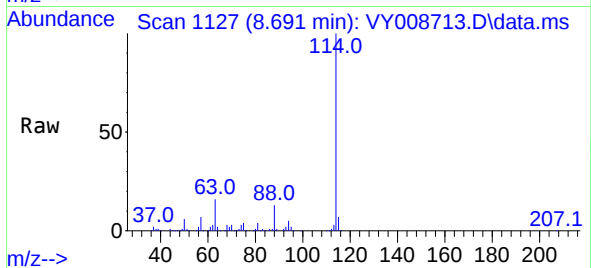
Tgt Ion:114 Resp: 333925

Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.590 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008713.D

Acq: 11 May 2022 17:37

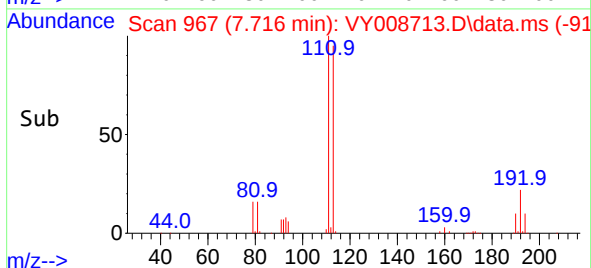
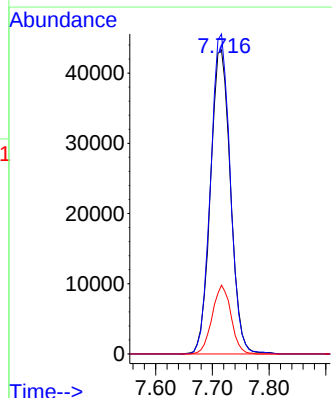
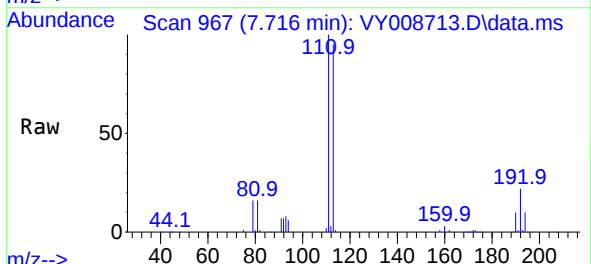
Tgt Ion:113 Resp: 106162

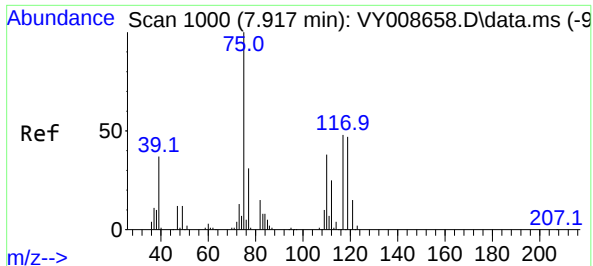
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.046 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008713.D

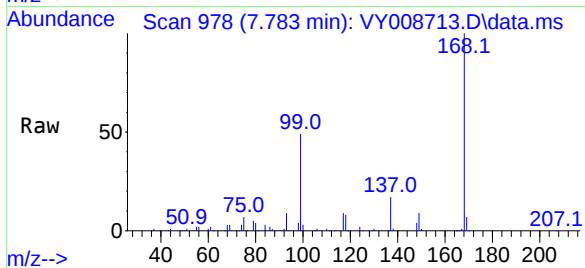
Acq: 11 May 2022 17:37

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ClientSampleId :

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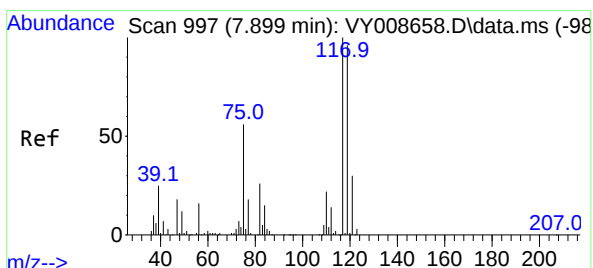
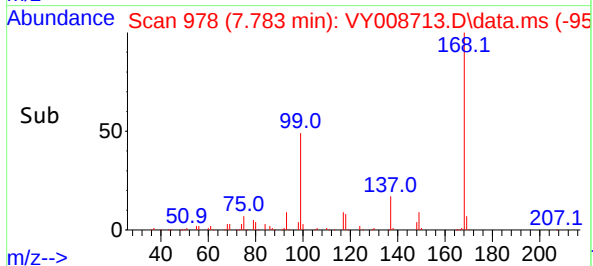
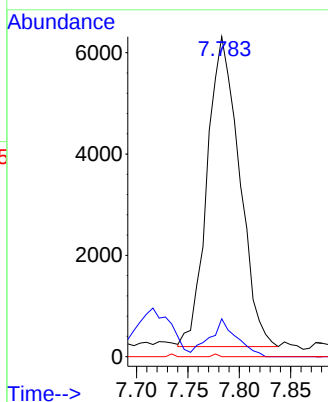
Tgt Ion: 75 Resp: 13378

Ion Ratio Lower Upper

75 100

110 10.2 17.1 51.2#

77 0.1 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.505 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008713.D

Acq: 11 May 2022 17:37

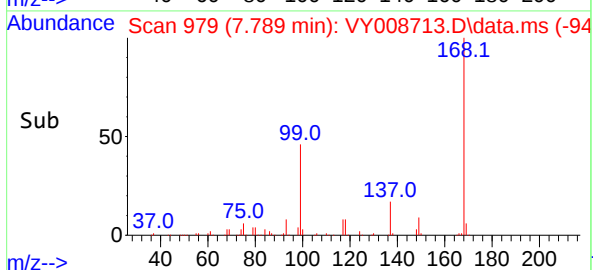
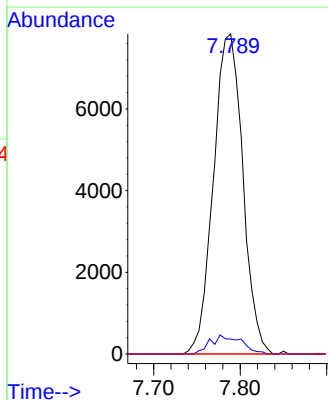
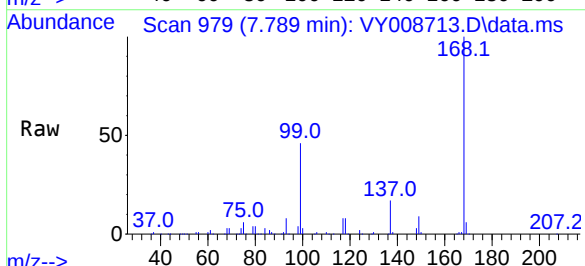
Tgt Ion: 117 Resp: 18408

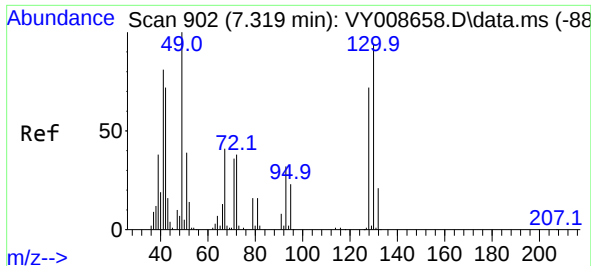
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

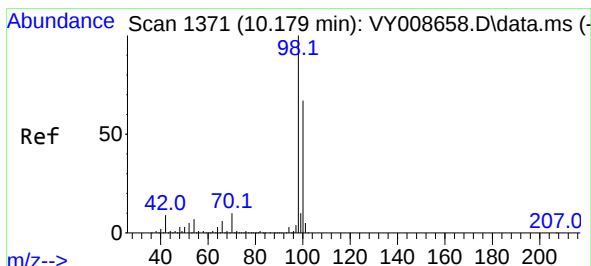
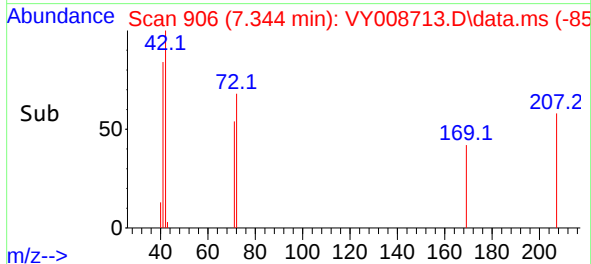
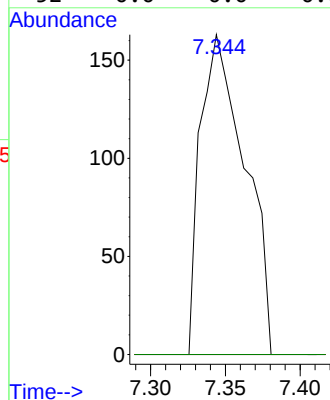
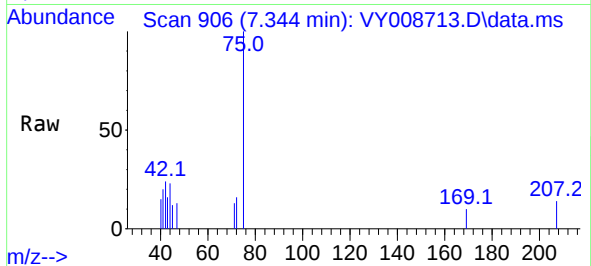




#41
Methacrylonitrile
Concen: 1.136 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

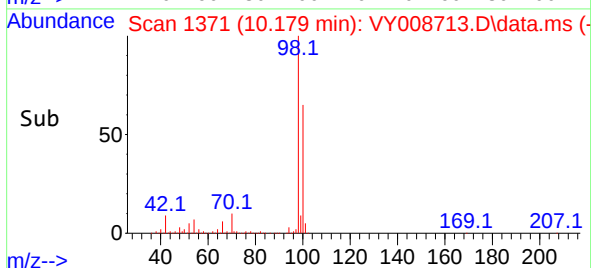
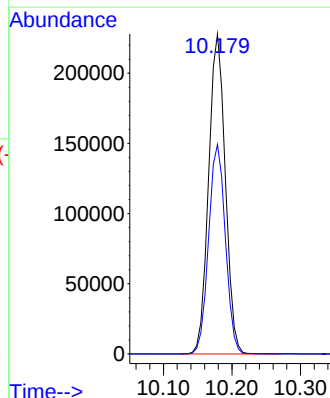
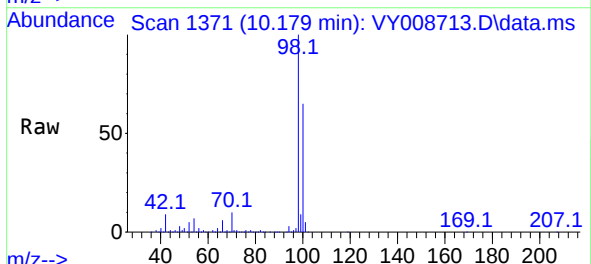
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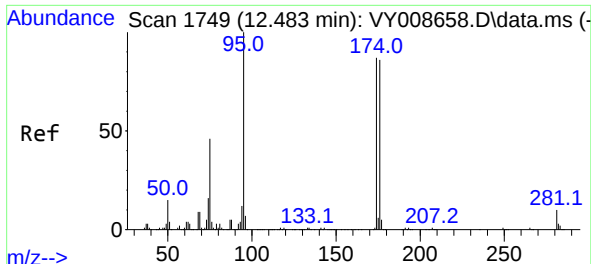
Tgt Ion:	41	Resp:	339
Ion	Ratio	Lower	Upper
41	100		
39	0.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 53.195 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

Tgt Ion:	98	Resp:	385749
Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.2	75.2

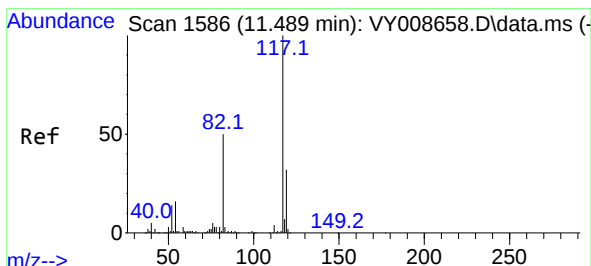
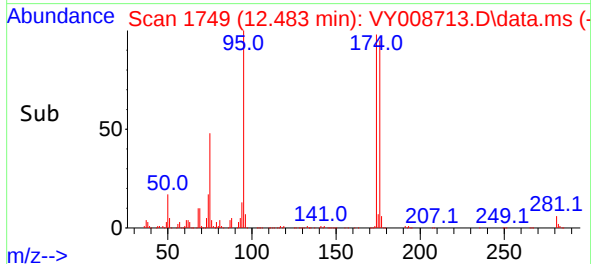
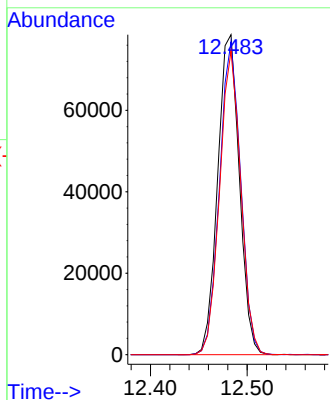
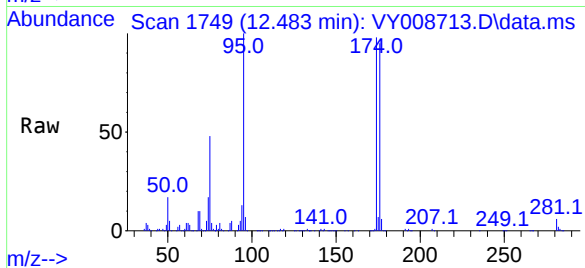




#62
4-Bromofluorobenzene
Concen: 46.848 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

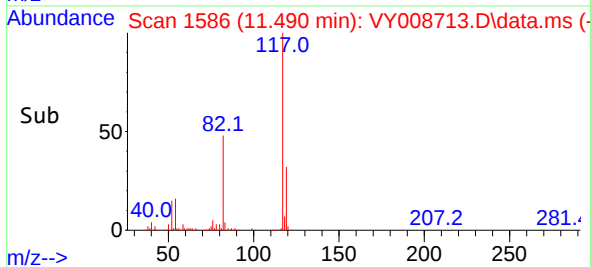
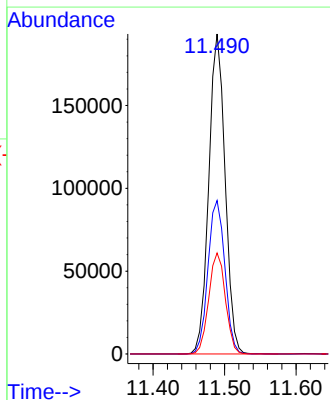
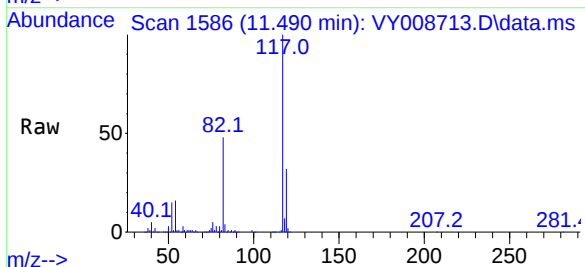
Instrument :
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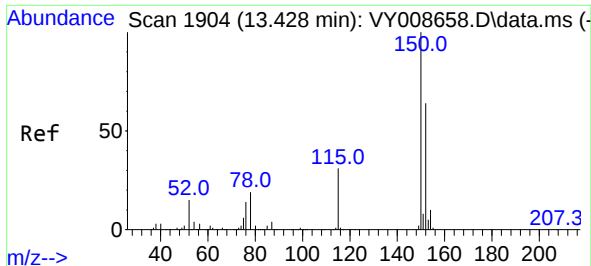
Tgt Ion: 95 Resp: 122222
Ion Ratio Lower Upper
95 100
174 95.3 0.0 177.0
176 92.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

Tgt Ion: 117 Resp: 305945
Ion Ratio Lower Upper
117 100
82 48.0 43.0 64.4
119 31.6 25.4 38.0

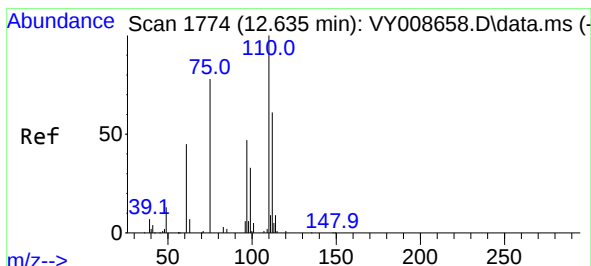
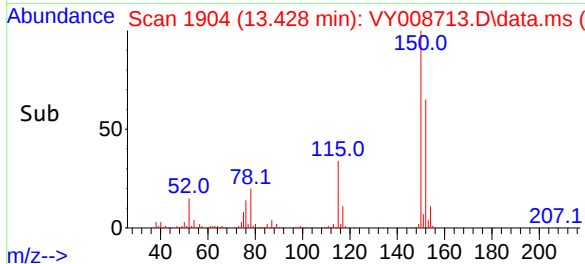
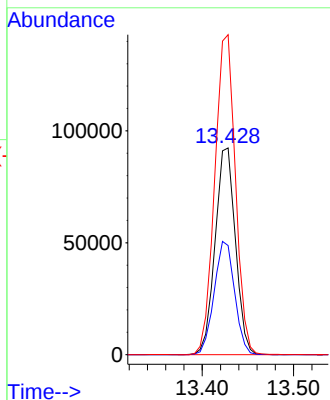
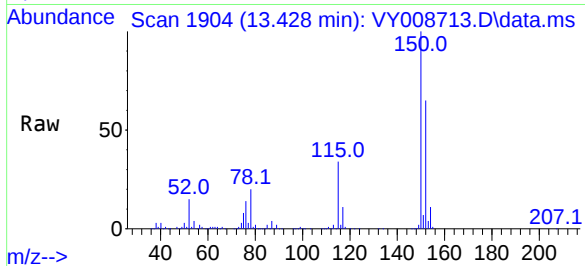




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

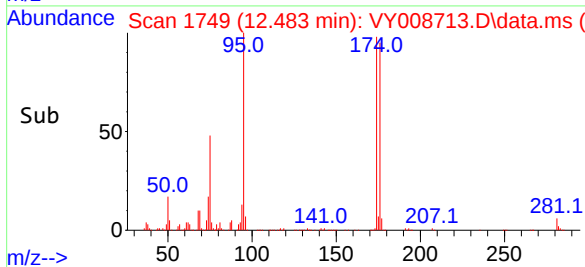
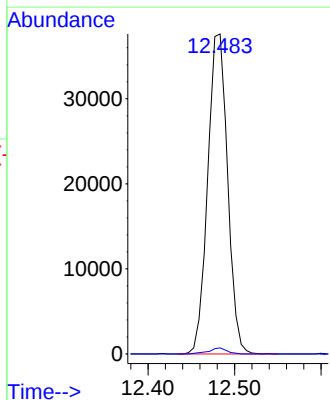
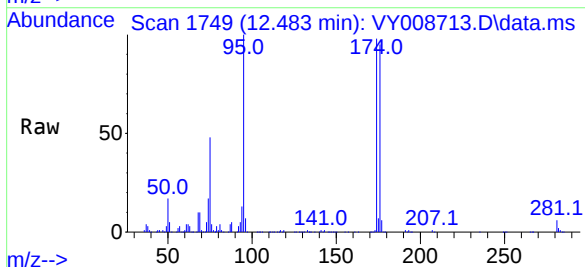
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1218-01

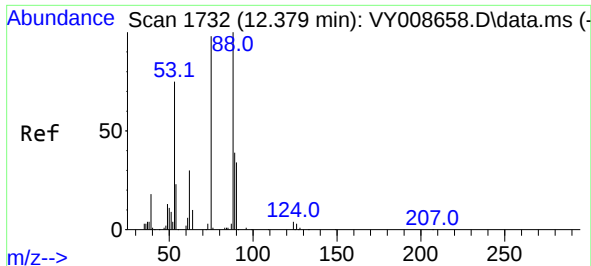
Tgt Ion:152 Resp: 142976
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 157.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.220 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008713.D
Acq: 11 May 2022 17:37

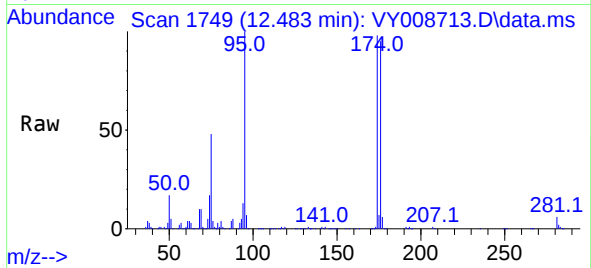
Tgt Ion: 75 Resp: 59989
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.052 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008713.D
 Acq: 11 May 2022 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-1218-01



Tgt Ion: 75 Resp: 59989
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

