

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008711.D
 Acq On : 11 May 2022 16:50
 Operator : KP/MD
 Sample : N2781-01
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-0006-01

Quant Time: May 12 06:30:14 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)

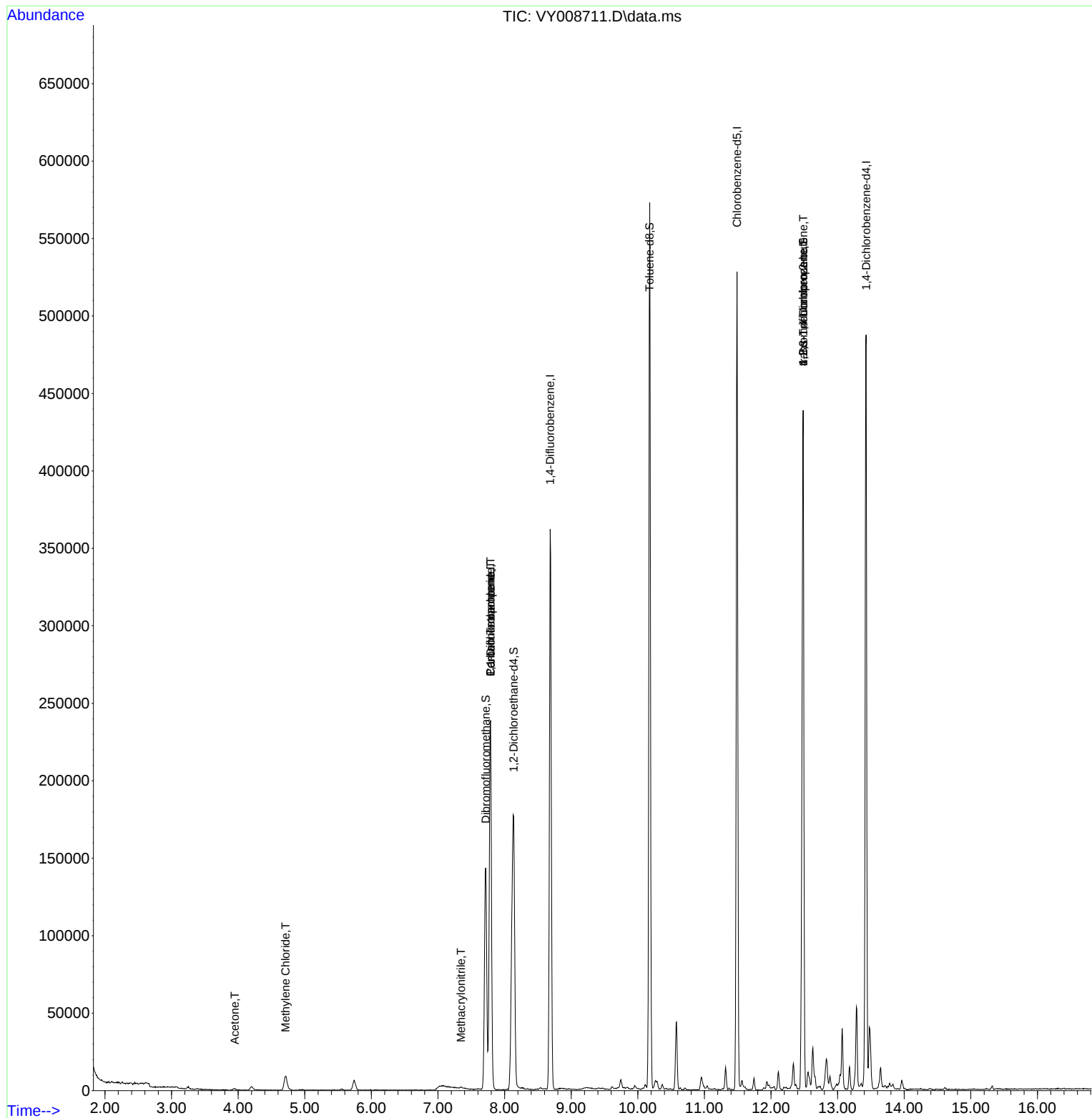
Internal Standards						
1) Pentafluorobenzene	7.789	168	205877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	333805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95266	54.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.000%	
35) Dibromofluoromethane	7.716	113	105501	51.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.179	98	383612	52.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.483	95	121758	46.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.380%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	188	Below Cal	#	77
16) Acetone	3.948	43	1807	4.342	ug/l #	83
18) Methyl Acetate	4.265	43	112	Below Cal	#	56
20) Methylene Chloride	4.710	84	7653	3.028	ug/l #	77
36) 1,1-Dichloropropene	7.789	75	14063	4.255	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18656	5.581	ug/l #	16
41) Methacrylonitrile	7.344	41	274	1.065	ug/l #	4
76) 1,2,3-Trichloropropane	12.483	75	59526	38.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59526	75.761	ug/l #	7

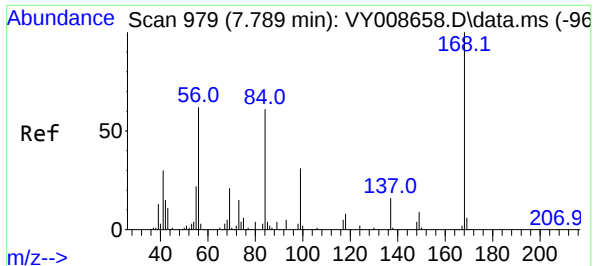
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
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Quant 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

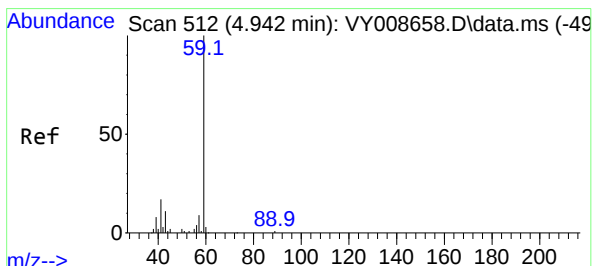
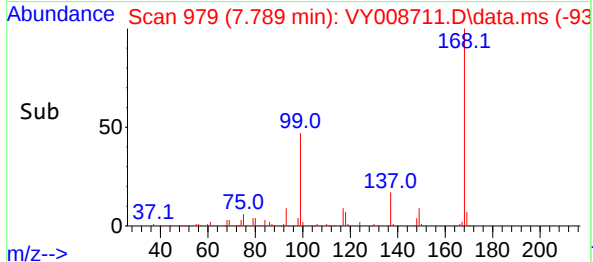
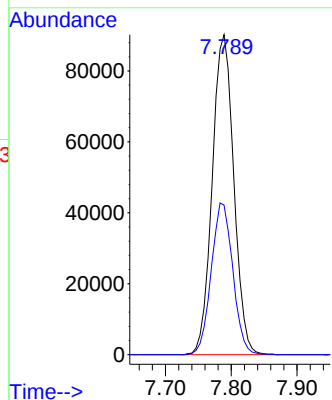
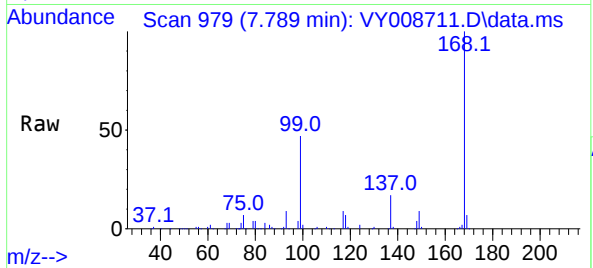




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

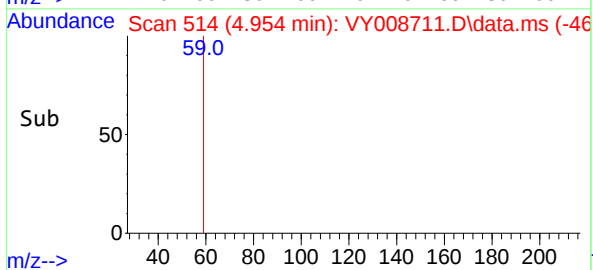
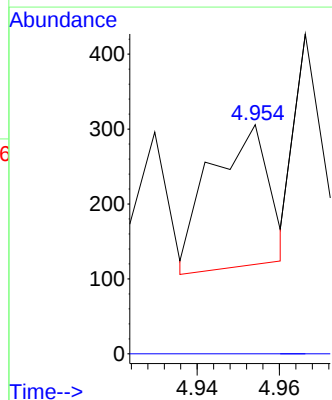
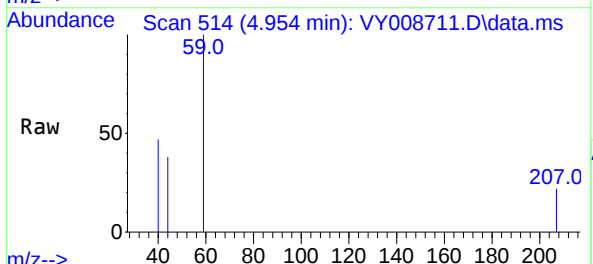
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0006-01

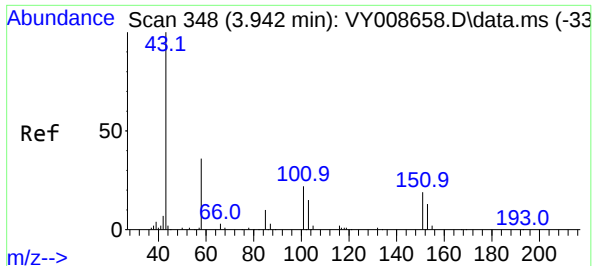
Tgt Ion:168 Resp: 205877
Ion Ratio Lower Upper
168 100
99 46.7 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

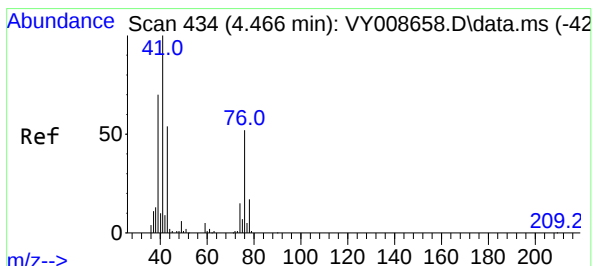
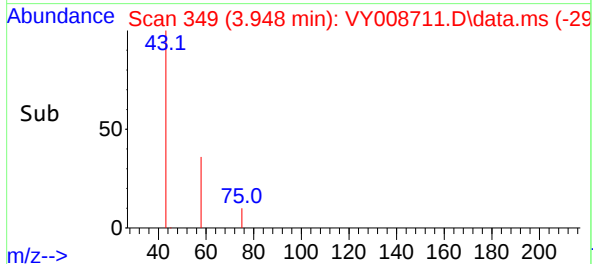
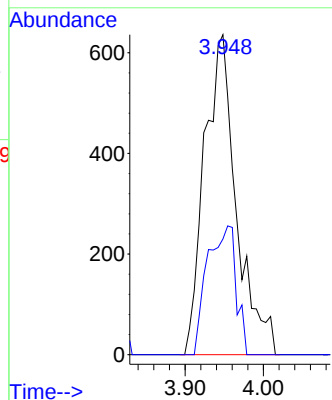
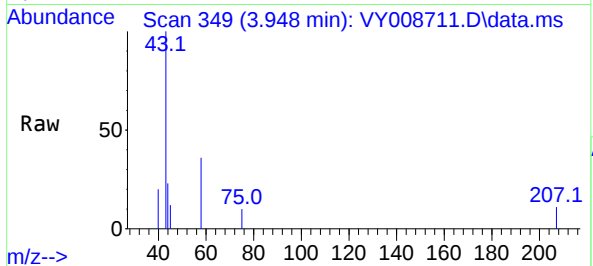




#16
Acetone
Concen: 4.342 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

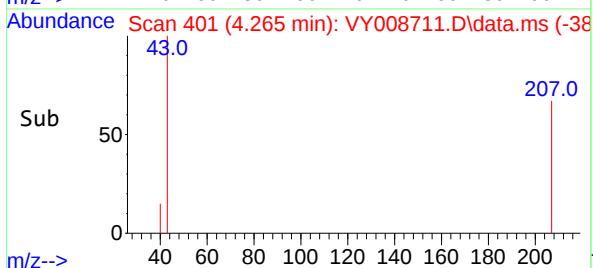
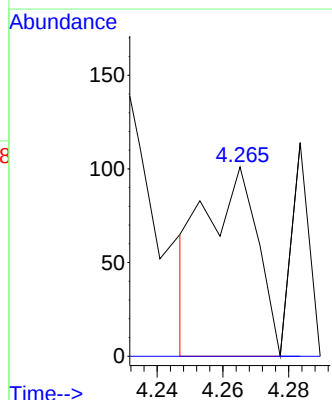
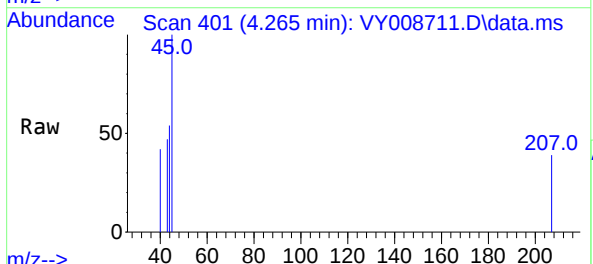
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0006-01

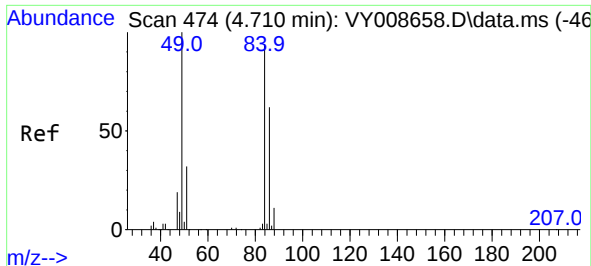
Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
58 36.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.265 min Scan# 401
Delta R.T. -0.201 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

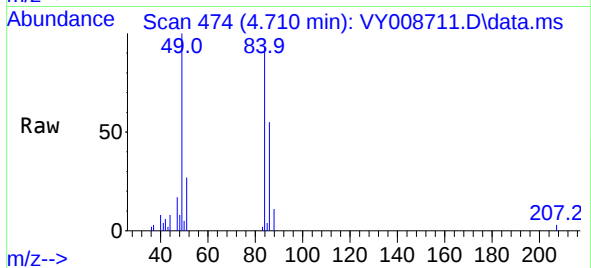
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



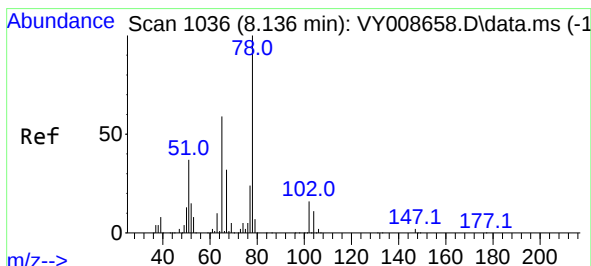
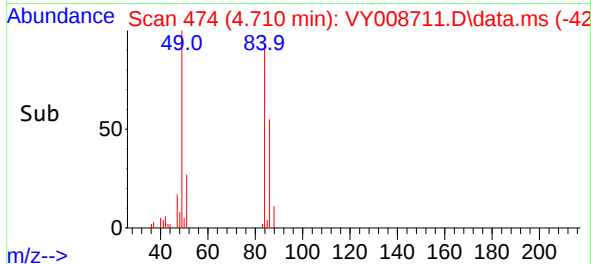
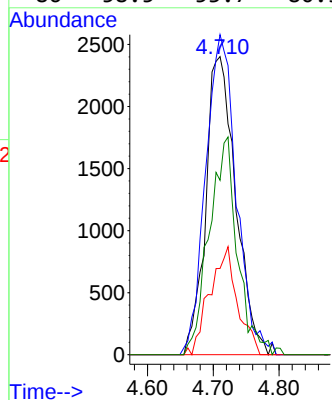


#20
Methylene Chloride
Concen: 3.028 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0006-01

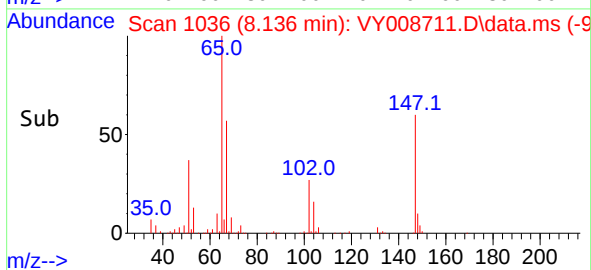
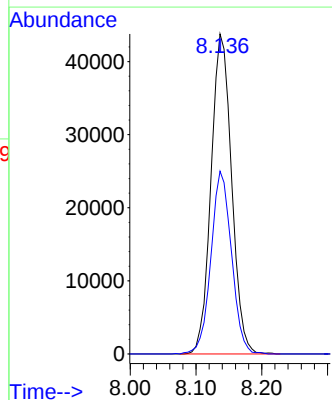
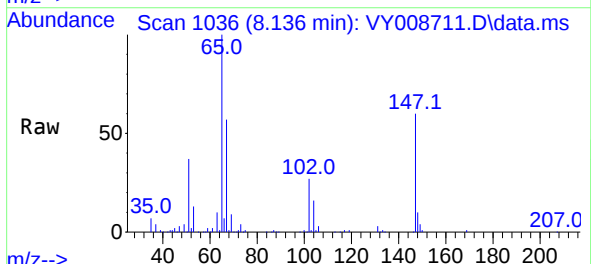


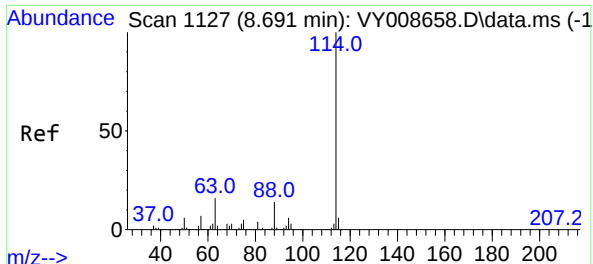
Tgt Ion:	84	Resp:	7653
Ion	Ratio	Lower	Upper
84	100		
49	107.4	114.4	171.6#
51	28.9	35.3	52.9#
86	58.5	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 54.004 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

Tgt Ion:	65	Resp:	95266
Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008711.D

Acq: 11 May 2022 16:50

Instrument :

MSVOA_Y

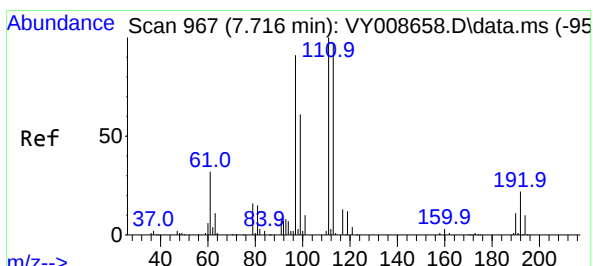
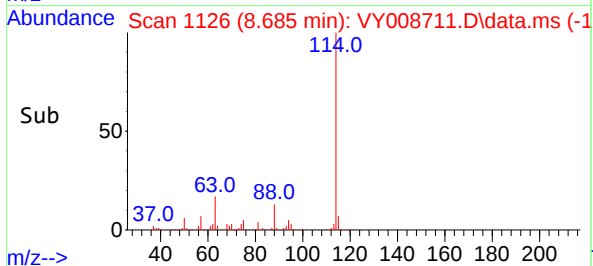
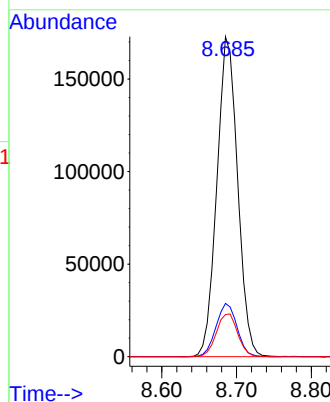
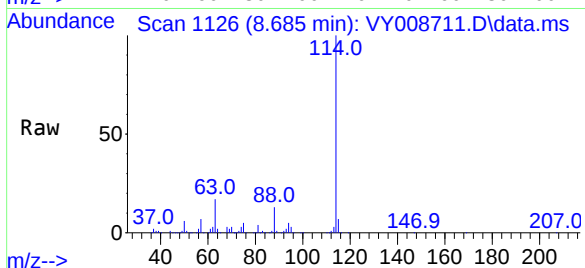
ClientSampleId :

P003-SS003-0006-01

Tgt Ion:114 Resp: 333805

Ion Ratio Lower Upper

114	100		
63	16.6	0.0	43.2
88	13.1	0.0	31.8



#35

Dibromofluoromethane

Concen: 51.287 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

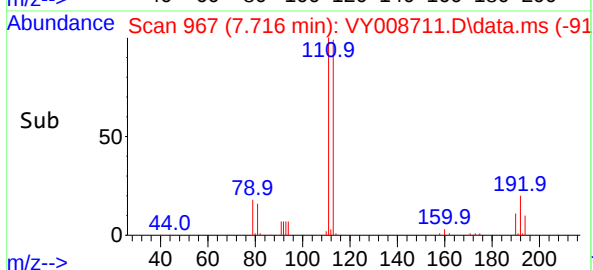
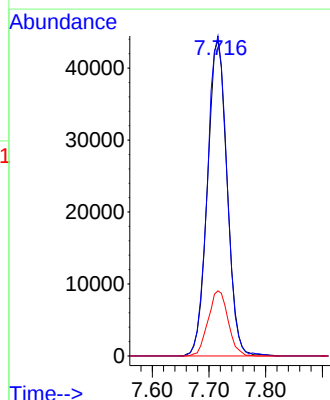
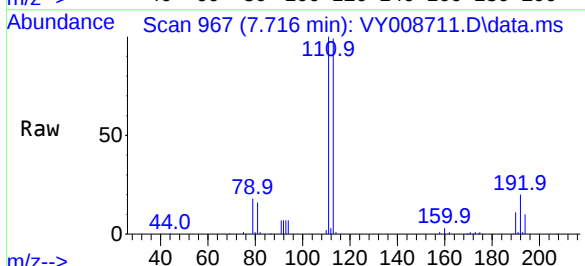
Lab File: VY008711.D

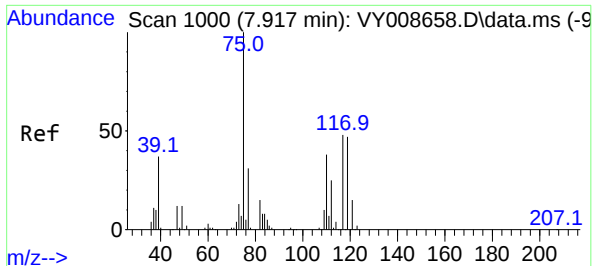
Acq: 11 May 2022 16:50

Tgt Ion:113 Resp: 105501

Ion Ratio Lower Upper

113	100		
111	101.2	82.6	124.0
192	20.9	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.255 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008711.D

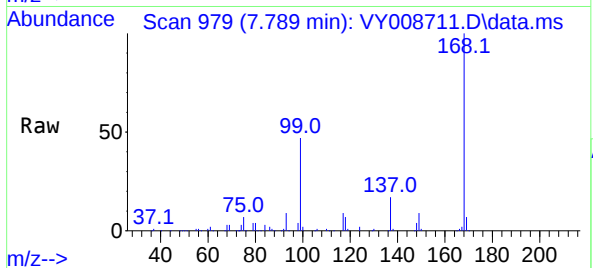
Acq: 11 May 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-0006-01



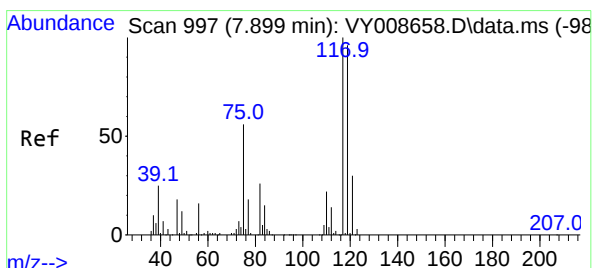
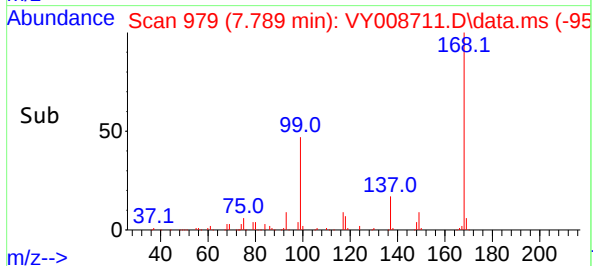
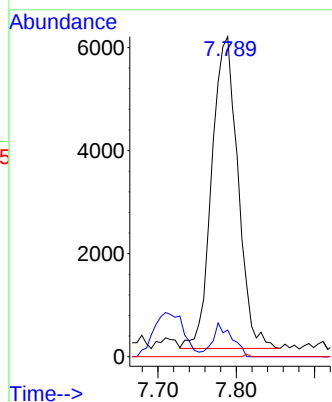
Tgt Ion: 75 Resp: 14063

Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.581 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008711.D

Acq: 11 May 2022 16:50

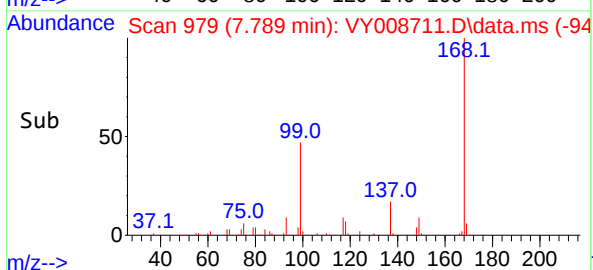
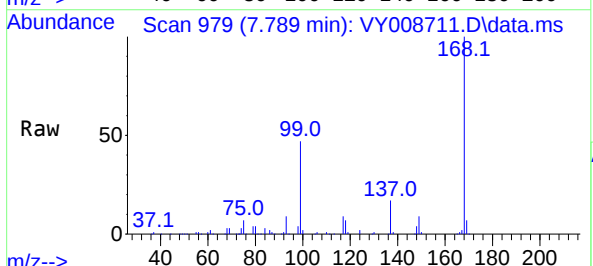
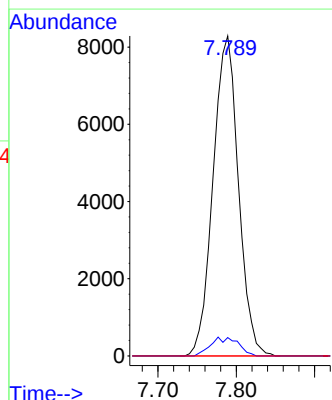
Tgt Ion: 117 Resp: 18656

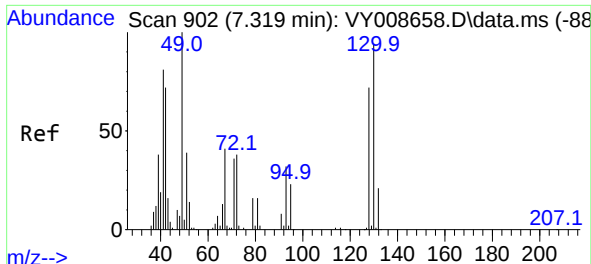
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

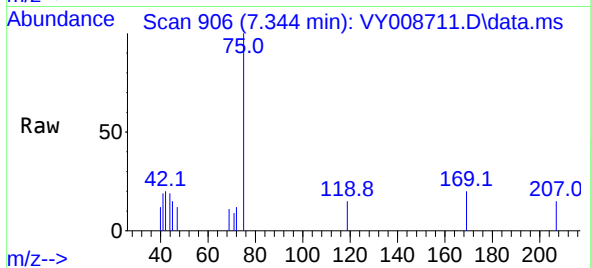
121 0.0 24.8 37.2#



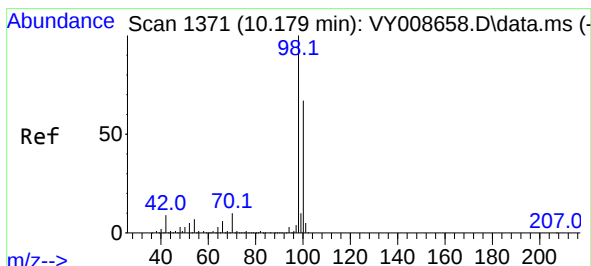
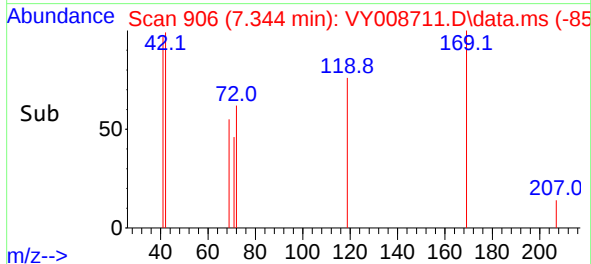
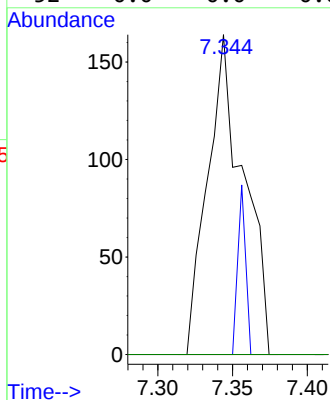


#41
Methacrylonitrile
Concen: 1.065 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0006-01

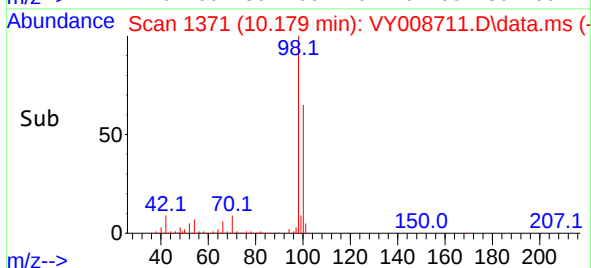
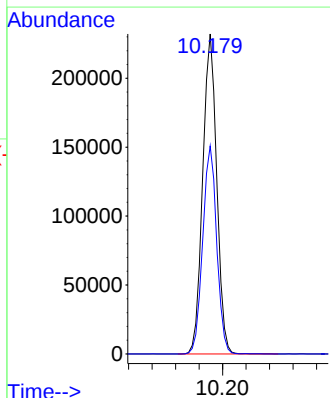
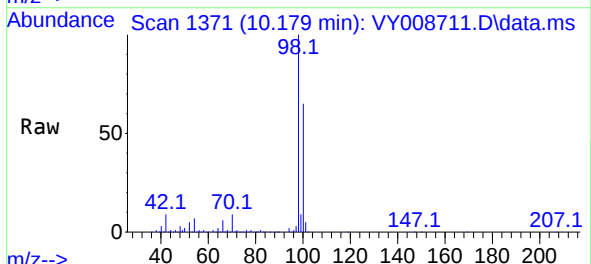


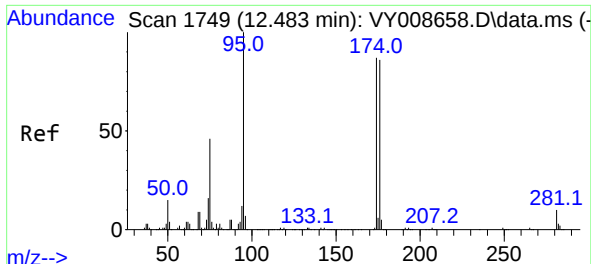
Tgt Ion: 41 Resp: 274
Ion Ratio Lower Upper
41 100
39 11.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 52.920 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

Tgt Ion: 98 Resp: 383612
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

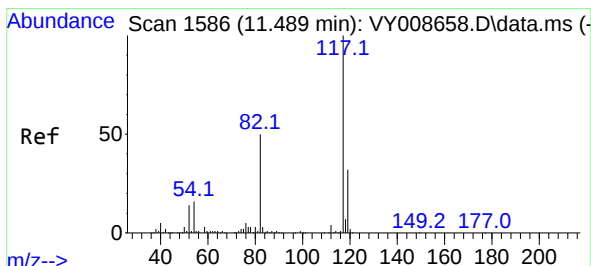
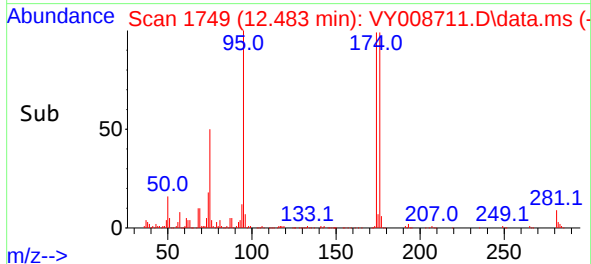
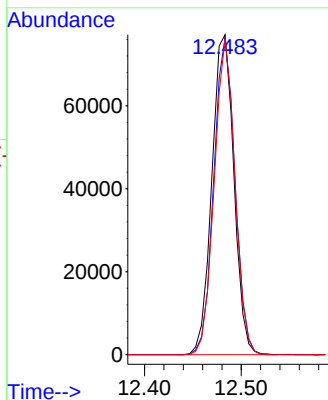
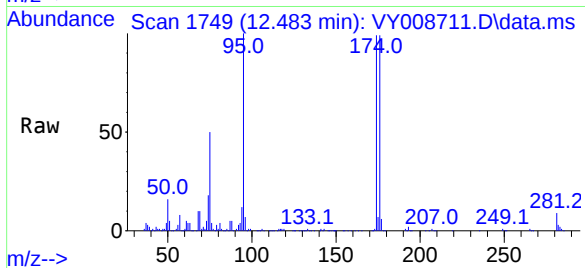




#62
4-Bromofluorobenzene
Concen: 46.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

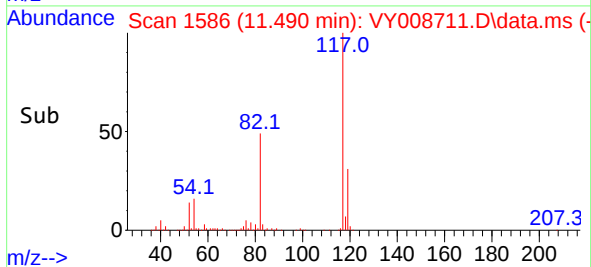
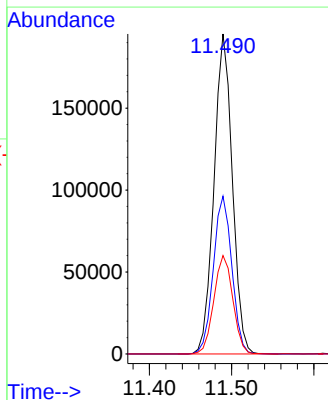
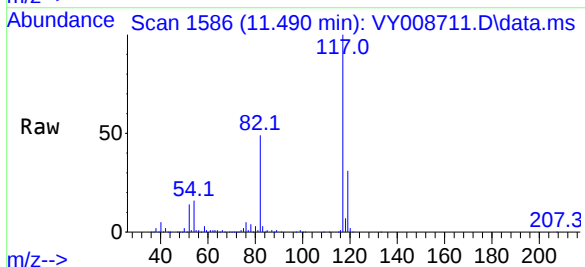
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0006-01

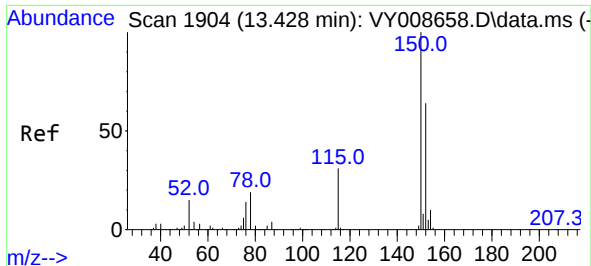
Tgt Ion: 95 Resp: 121758
Ion Ratio Lower Upper
95 100
174 95.1 0.0 177.0
176 92.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

Tgt Ion: 117 Resp: 302551
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 30.8 25.4 38.0

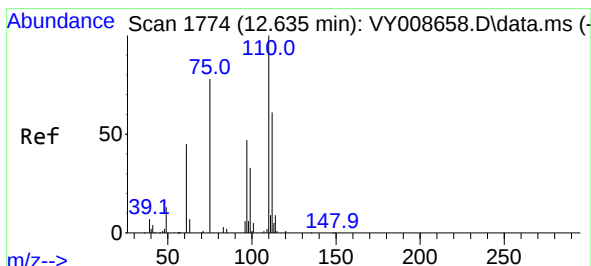
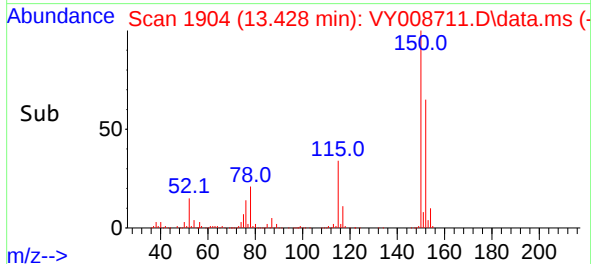
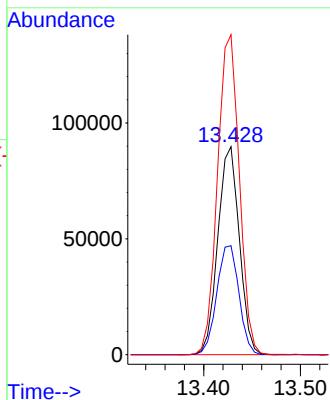
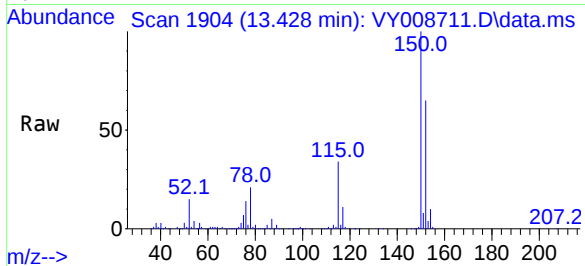




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

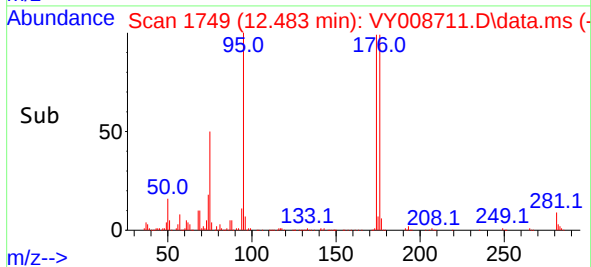
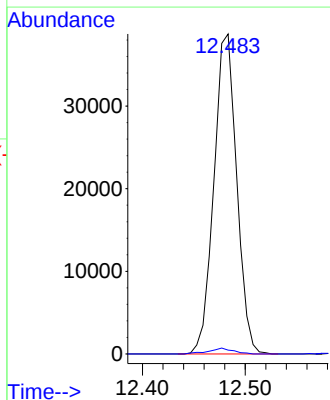
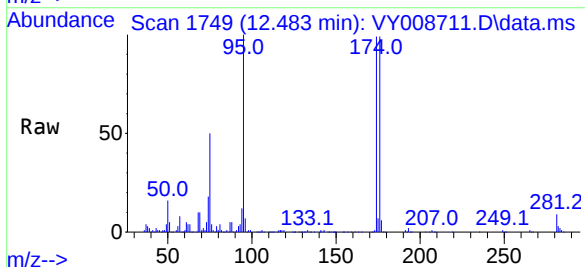
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-0006-01

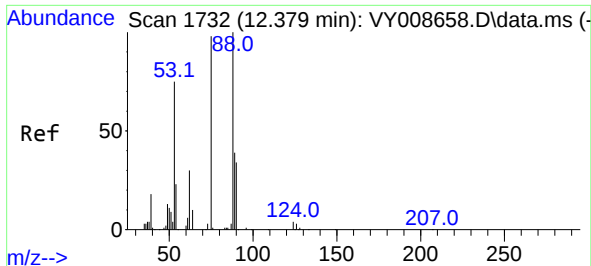
Tgt Ion:152 Resp: 138672
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 155.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 38.079 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008711.D
Acq: 11 May 2022 16:50

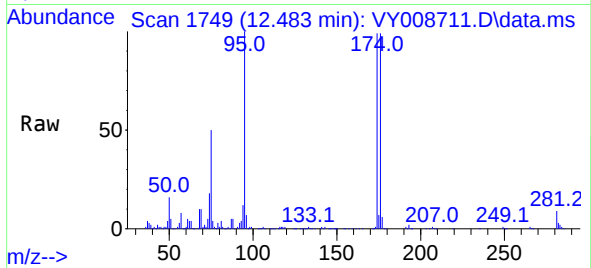
Tgt Ion: 75 Resp: 59526
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.761 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008711.D
 Acq: 11 May 2022 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-0006-01



Tgt Ion: 75 Resp: 59526
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.4 37.0 55.4#

