

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008093.D
 Acq On : 29 Mar 2022 17:36
 Operator : SY/MD
 Sample : N2125-03
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:01:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

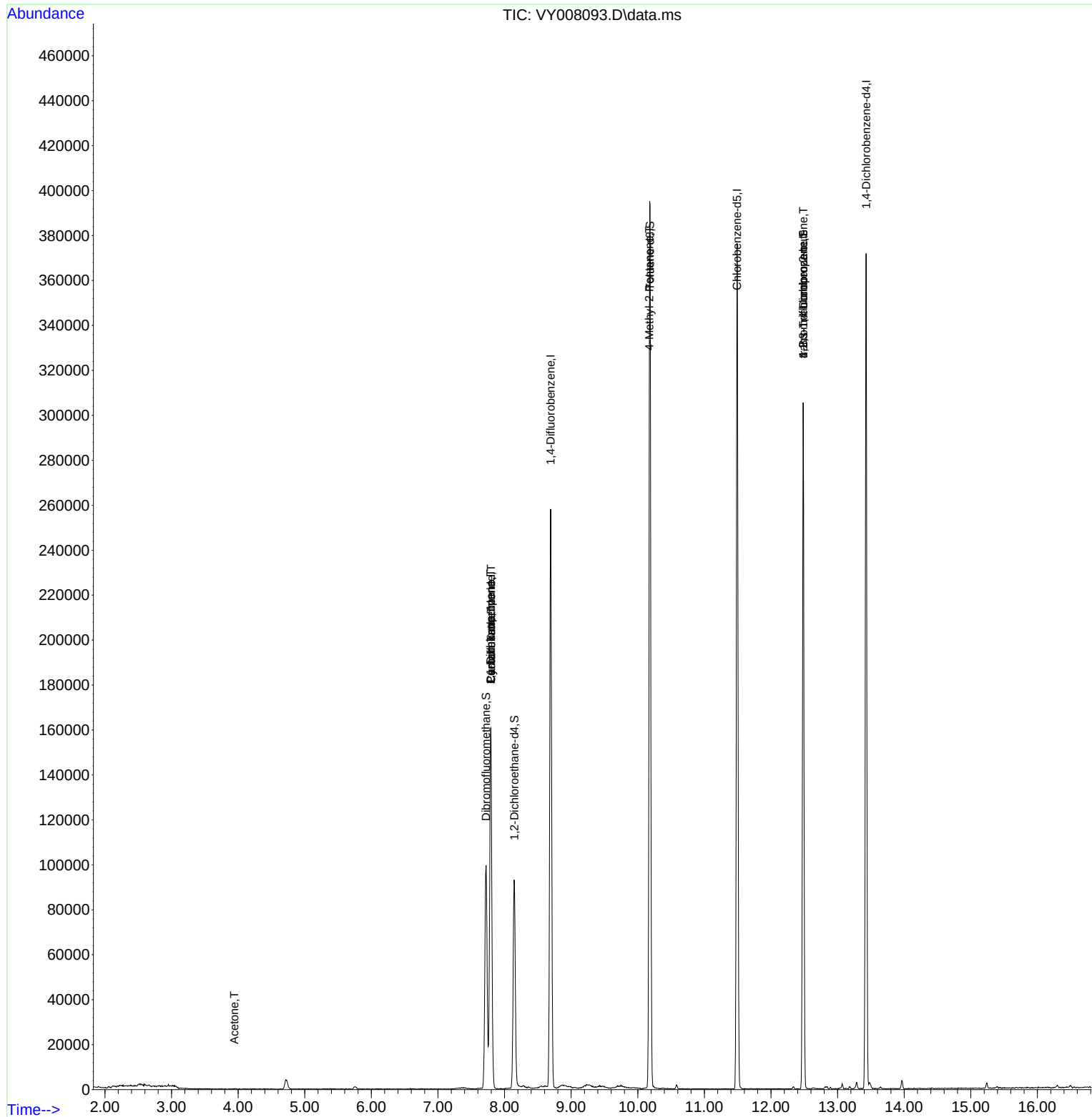
Internal Standards						
1) Pentafluorobenzene	7.795	168	126587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	215895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72058	56.736	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.480%	
35) Dibromofluoromethane	7.722	113	72115	50.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.185	98	275924	50.889	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.483	95	94443	49.371	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.740%	
Target Compounds						Qvalue
16) Acetone	3.942	43	381	1.312	ug/l #	47
18) Methyl Acetate	4.485	43	146	Below Cal	#	56
20) Methylene Chloride	4.710	84	3468	Below Cal	#	75
31) Cyclohexane	7.795	56	2497	1.052	ug/l #	2
36) 1,1-Dichloropropene	7.789	75	9450	4.180	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12695	5.153	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	1098	1.050	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	48626	42.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48626	94.769	ug/l #	7

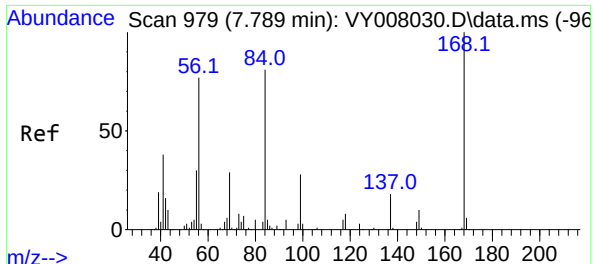
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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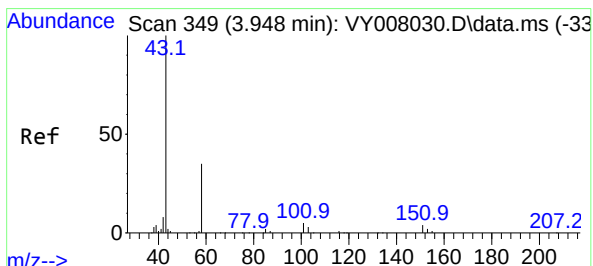
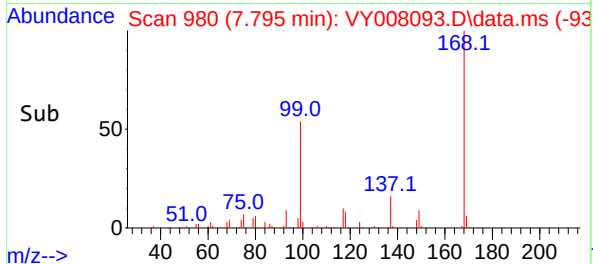
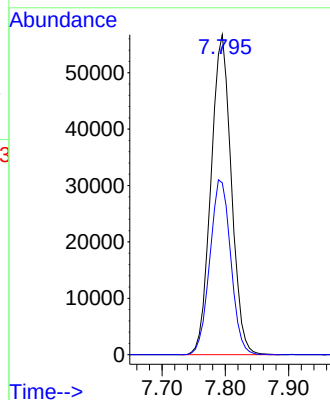
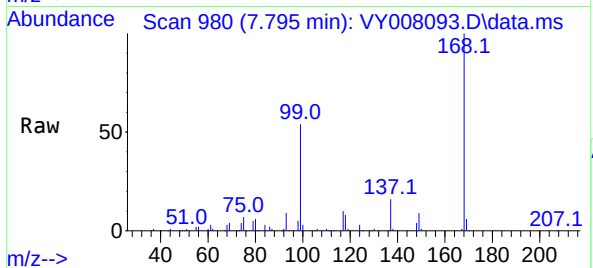




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

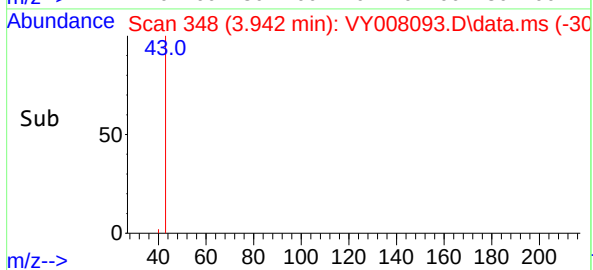
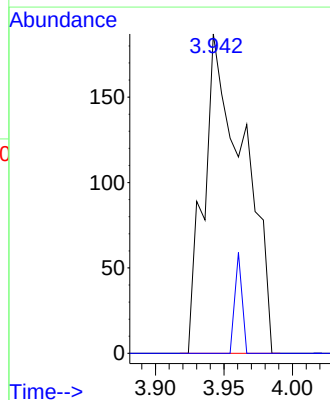
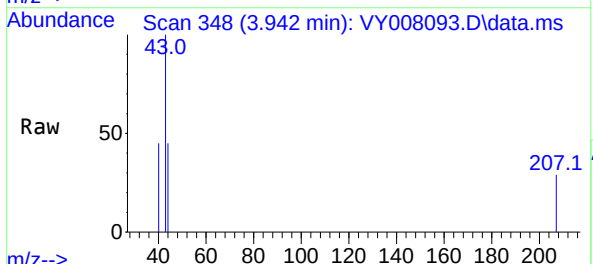
Instrument :
MSVOA_Y
ClientSampleId :

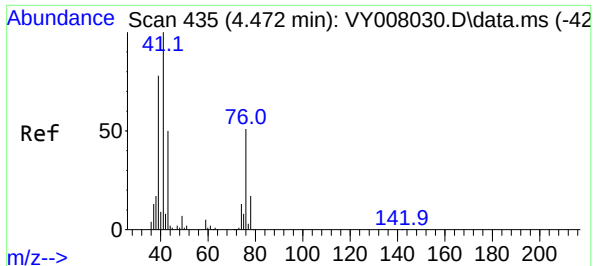
Tgt Ion:168 Resp: 126587
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 1.312 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

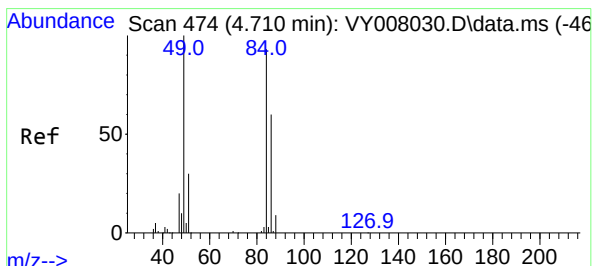
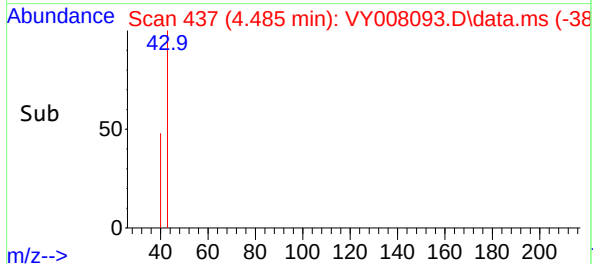
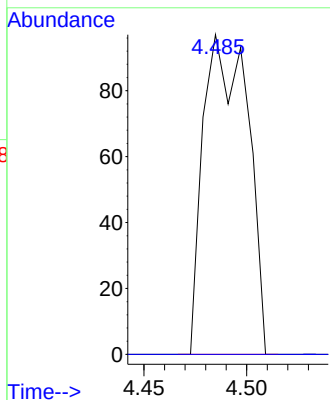
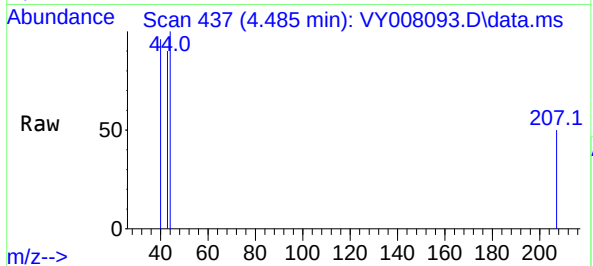




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

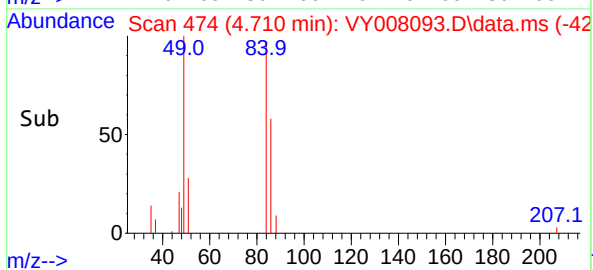
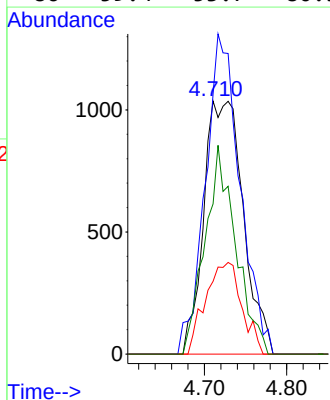
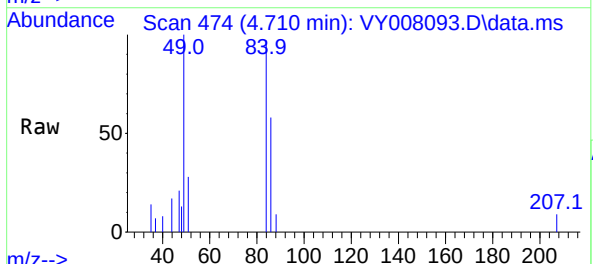
Instrument :
MSVOA_Y
ClientSampleId :

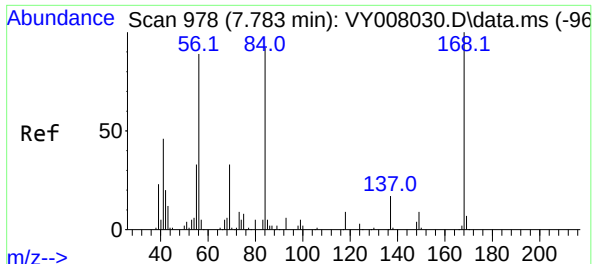
Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

Tgt Ion: 84 Resp: 3468
Ion Ratio Lower Upper
84 100
49 102.9 114.4 171.6#
51 28.8 35.3 52.9#
86 59.4 53.7 80.5

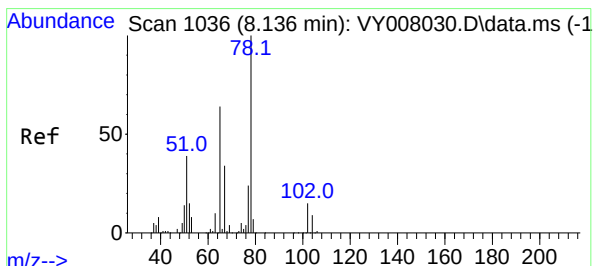
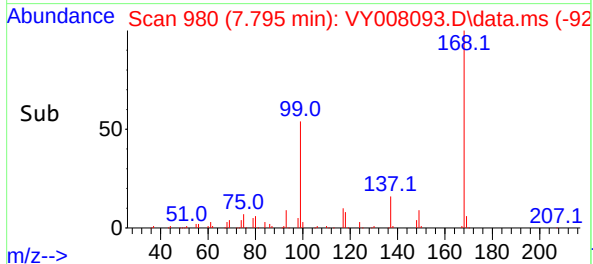
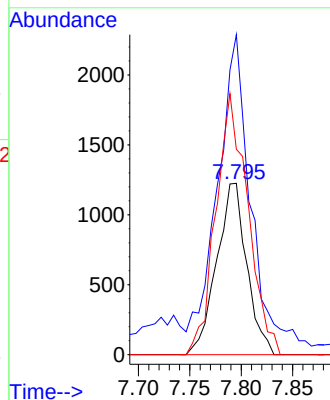
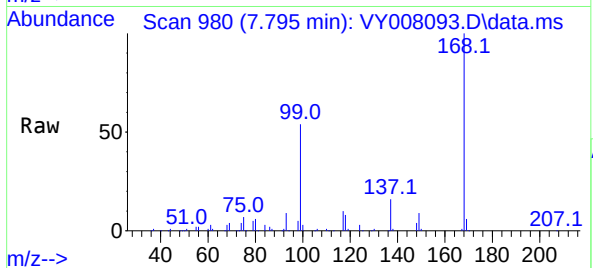




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

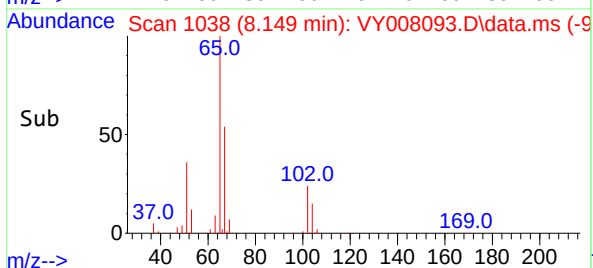
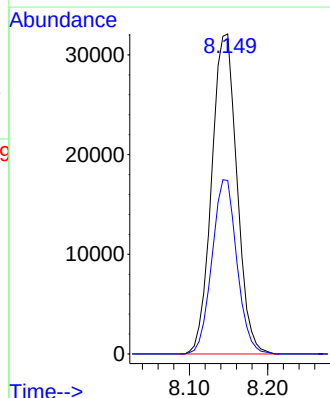
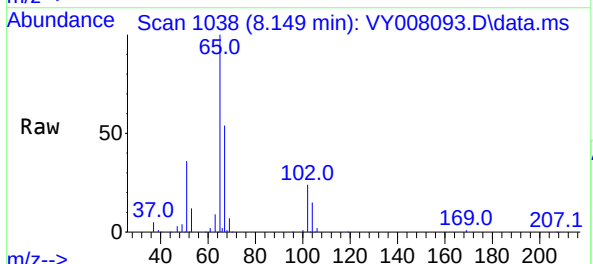
Instrument :
MSVOA_Y
ClientSampleId :

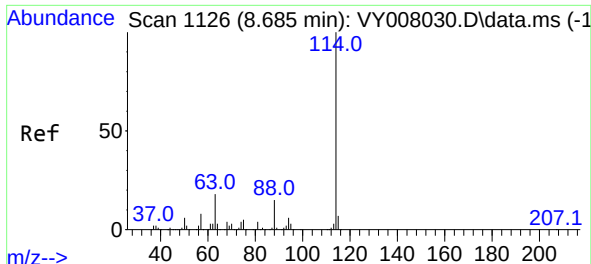
Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 171.8 26.7 40.1#
84 119.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.736 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

Tgt Ion: 65 Resp: 72058
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008093.D

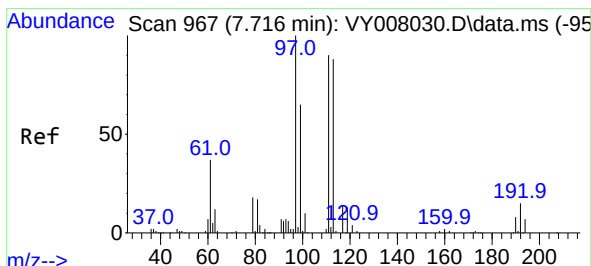
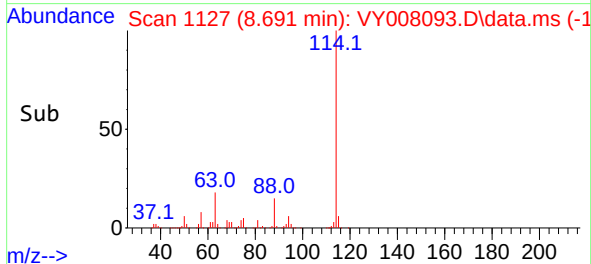
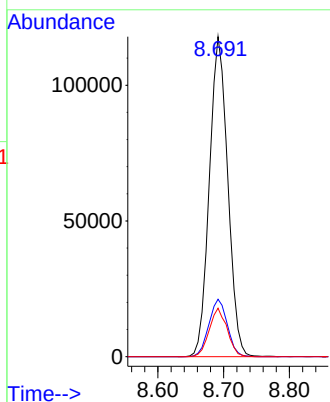
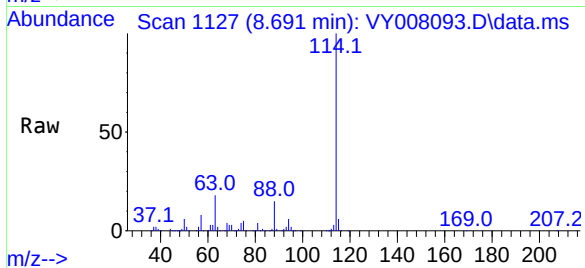
Acq: 29 Mar 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	229542
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	15.2	0.0	31.8



#35

Dibromofluoromethane

Concen: 50.109 ug/l

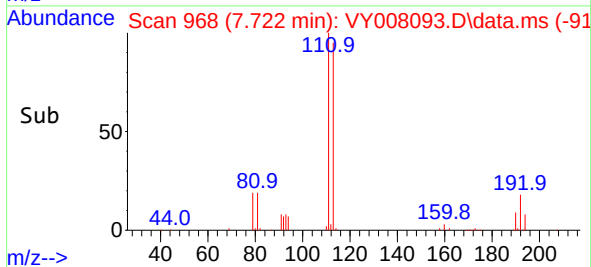
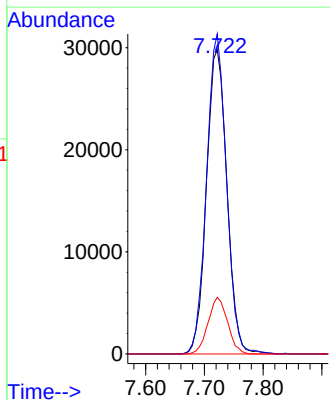
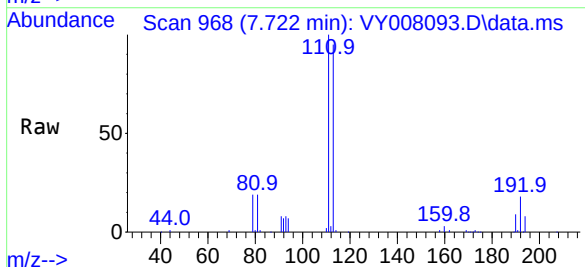
RT: 7.722 min Scan# 968

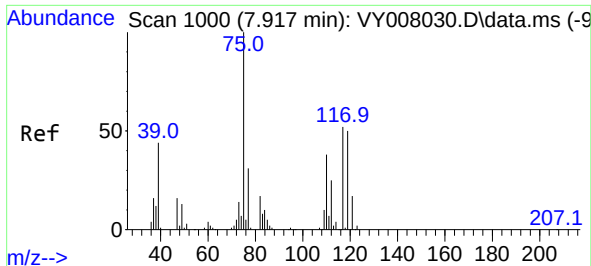
Delta R.T. 0.006 min

Lab File: VY008093.D

Acq: 29 Mar 2022 17:36

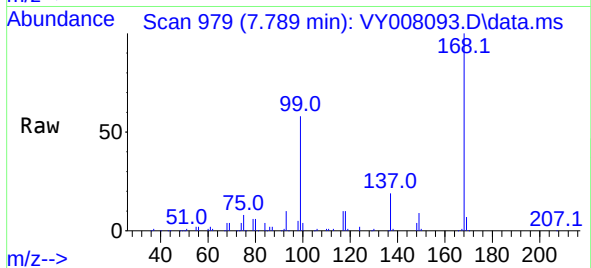
Tgt Ion:	113	Resp:	72115
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	17.8	17.6	26.4



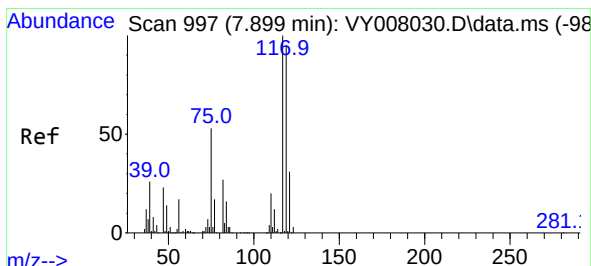
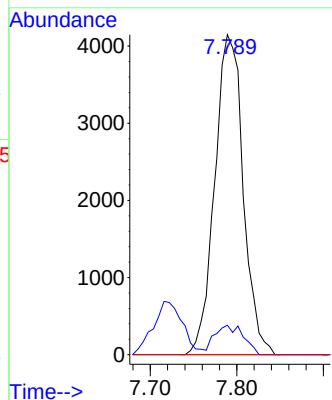
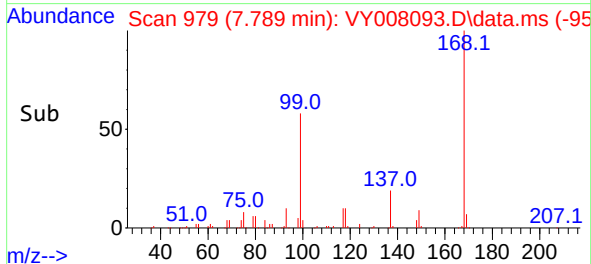


#36
1,1-Dichloropropene
Concen: 4.180 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

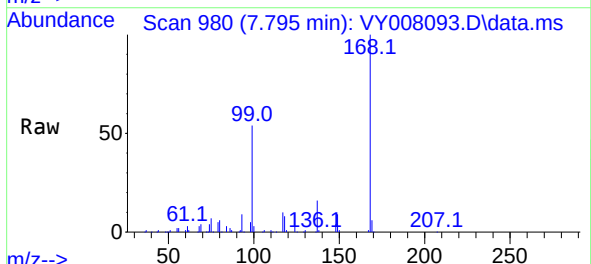
Instrument :
MSVOA_Y
ClientSampleId :



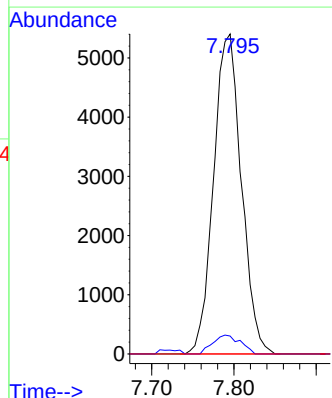
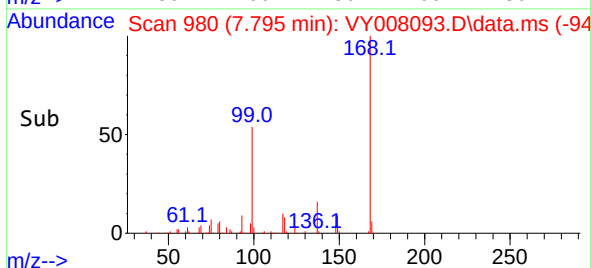
Tgt Ion: 75 Resp: 9450
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

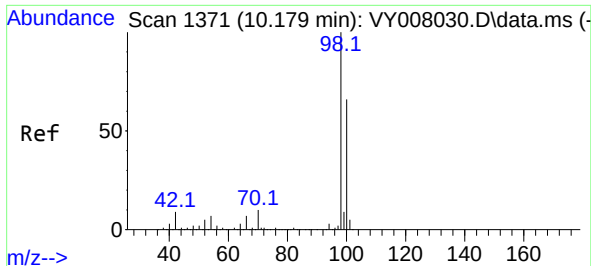


#38
Carbon Tetrachloride
Concen: 5.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36



Tgt Ion: 117 Resp: 12695
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

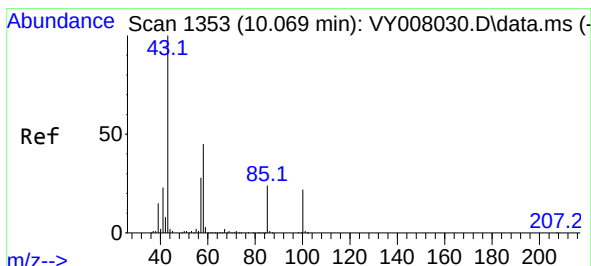
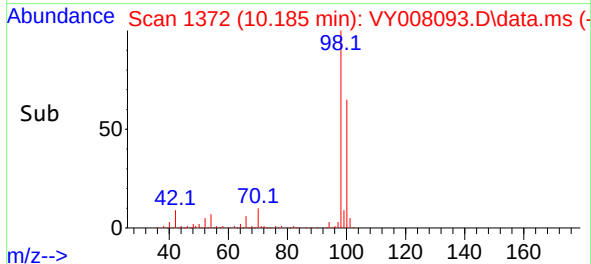
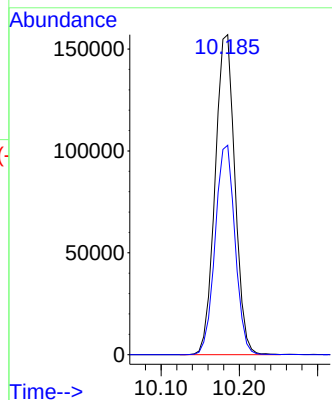
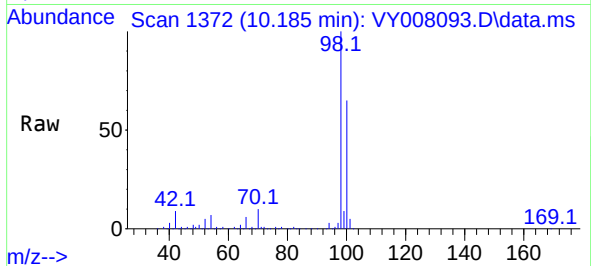




#50
Toluene-d8
Concen: 50.889 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

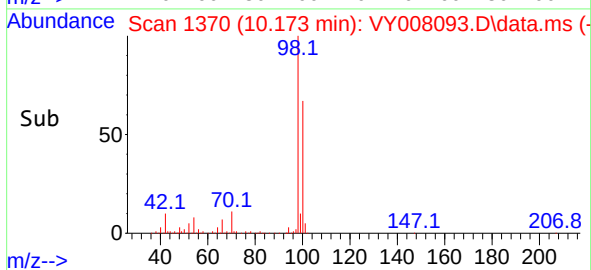
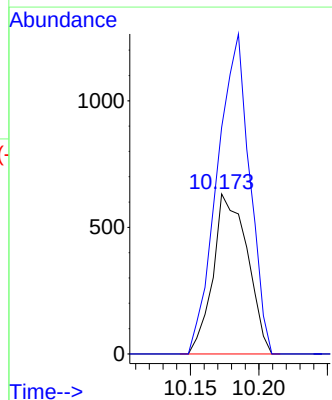
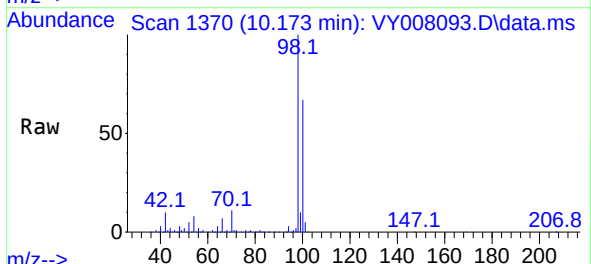
Instrument :
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ClientSampleId :

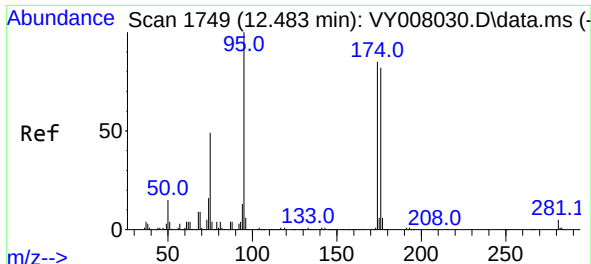
Tgt Ion: 98 Resp: 275924
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.050 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 190.0 28.1 42.1#

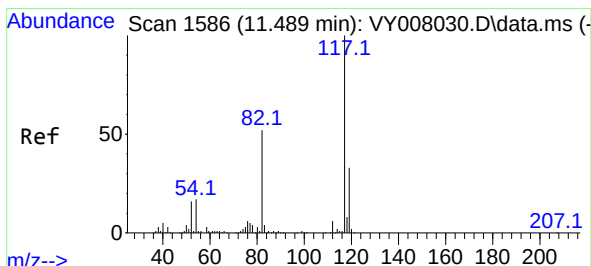
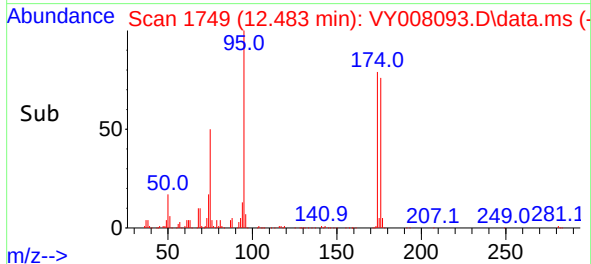
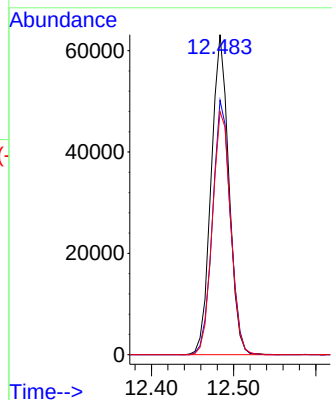
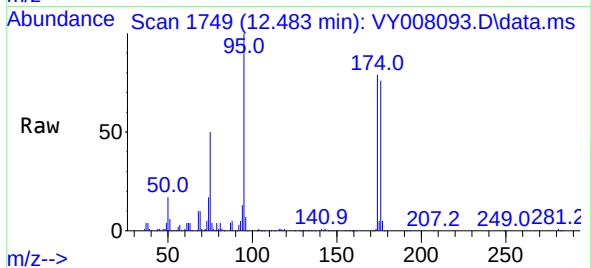




#62
4-Bromofluorobenzene
Concen: 49.371 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

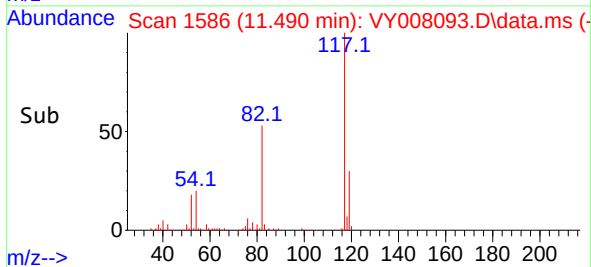
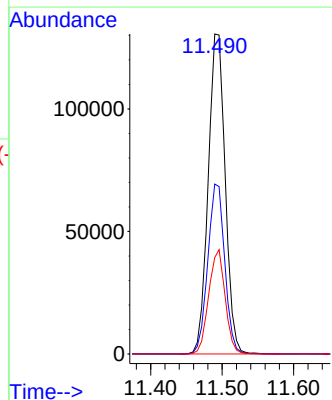
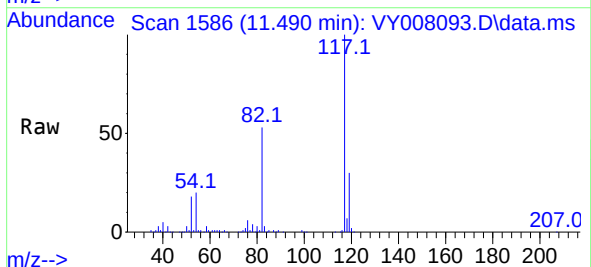
Instrument :
MSVOA_Y
ClientSampleId :

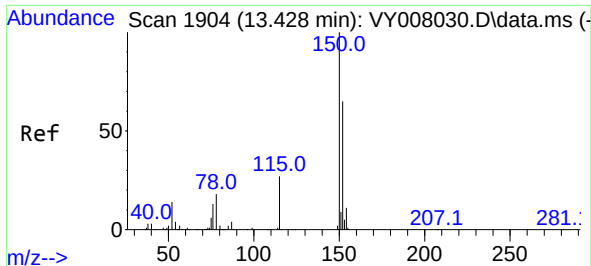
Tgt Ion: 95 Resp: 94443
Ion Ratio Lower Upper
95 100
174 79.9 0.0 177.0
176 78.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008093.D
Acq: 29 Mar 2022 17:36

Tgt Ion: 117 Resp: 215895
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 30.1 25.4 38.0

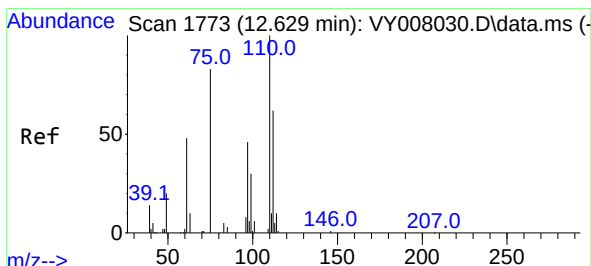
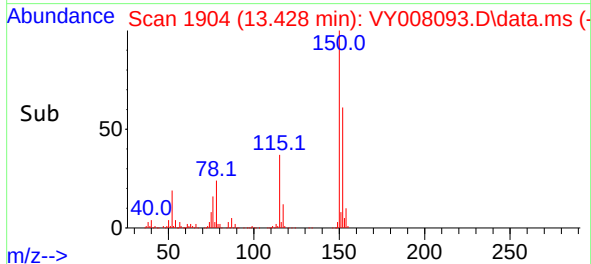
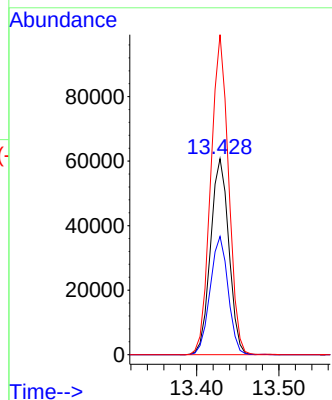
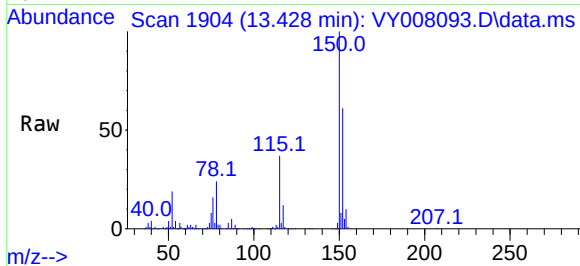




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008093.D
 Acq: 29 Mar 2022 17:36

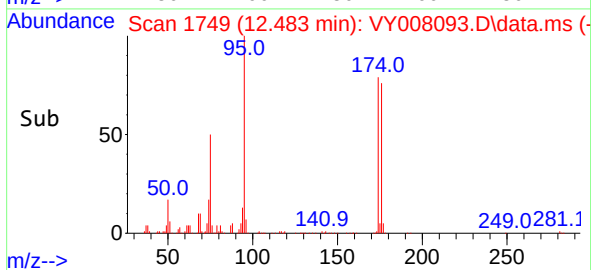
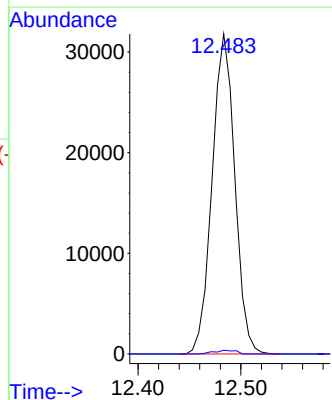
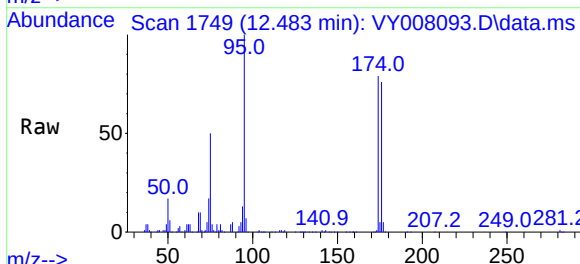
Instrument :
 MSVOA_Y
 ClientSampleId :

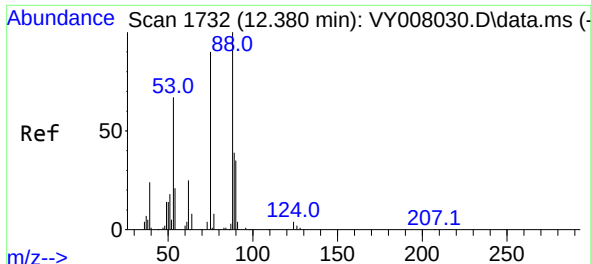
Tgt Ion:152 Resp: 93913
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 158.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.475 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008093.D
 Acq: 29 Mar 2022 17:36

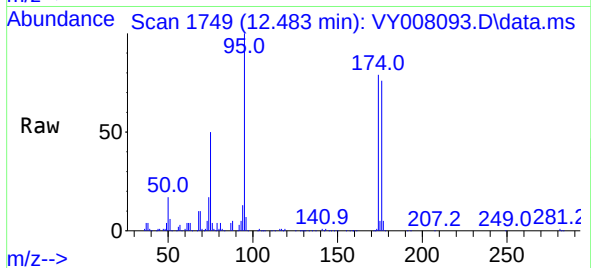
Tgt Ion: 75 Resp: 48626
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.769 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008093.D
 Acq: 29 Mar 2022 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 48626
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

