

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008095.D
 Acq On : 29 Mar 2022 18:23
 Operator : SY/MD
 Sample : N2157-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:01:41 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)

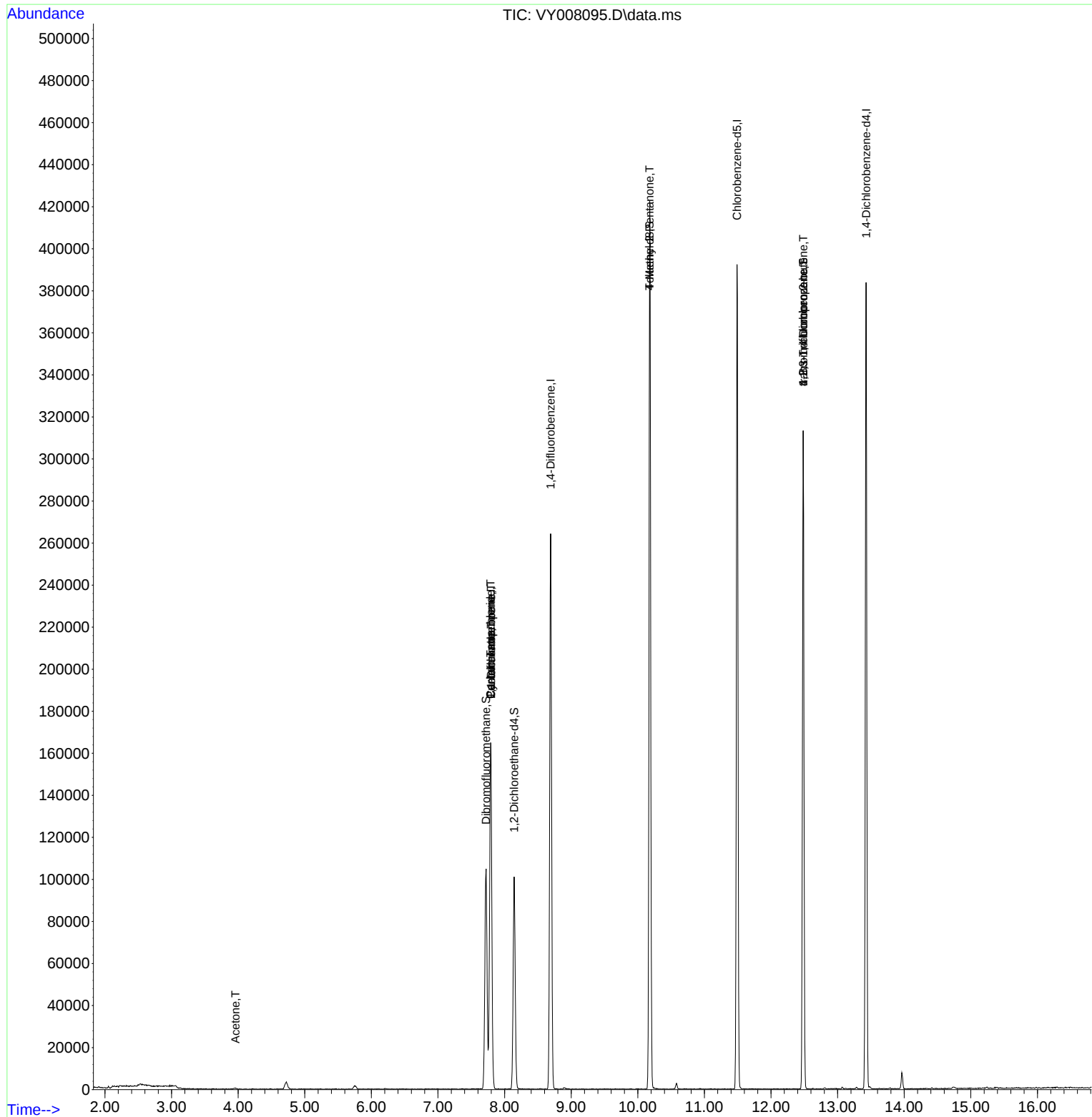
Internal Standards						
1) Pentafluorobenzene	7.795	168	129743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	223985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74489	57.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.440%	
35) Dibromofluoromethane	7.722	113	74086	50.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.840%	
50) Toluene-d8	10.179	98	284404	51.379	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.483	95	98219	50.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.580%	
Target Compounds						Qvalue
16) Acetone	3.960	43	829	2.786	ug/l #	79
18) Methyl Acetate	4.472	43	150	Below Cal	#	56
20) Methylene Chloride	4.722	84	2792	Below Cal	#	66
31) Cyclohexane	7.795	56	2435	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10187	4.414	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13423	5.337	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1080	1.012	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	50378	42.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50378	94.718	ug/l #	7

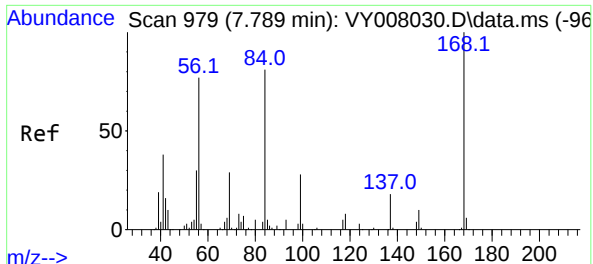
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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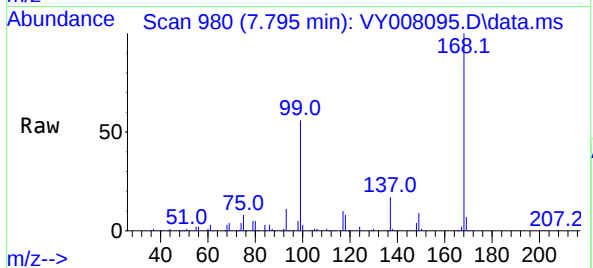
Quant Time: Mar 30 04:01:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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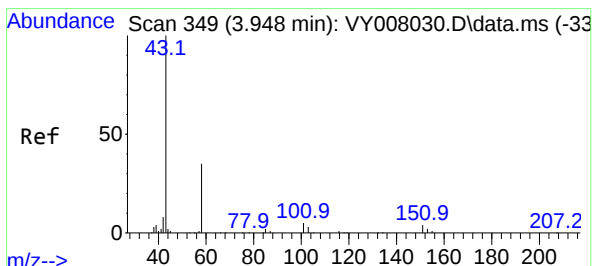
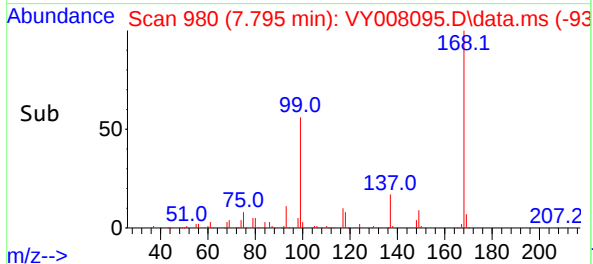
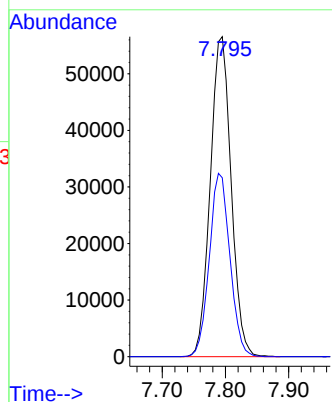


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :

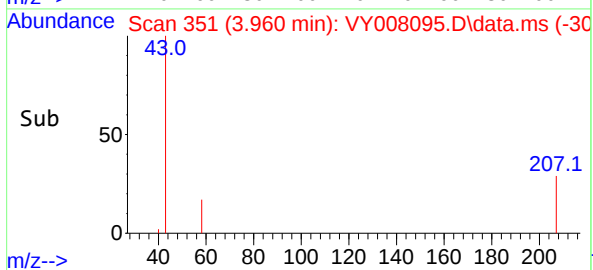
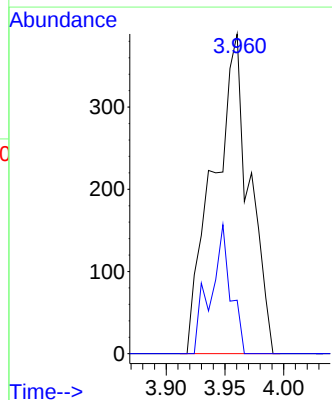
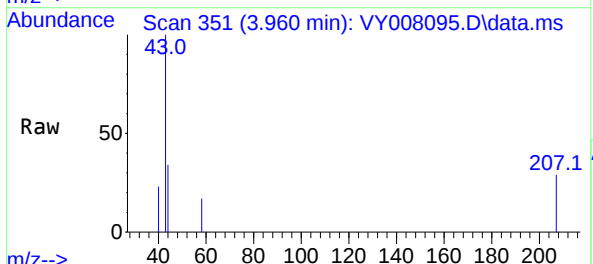


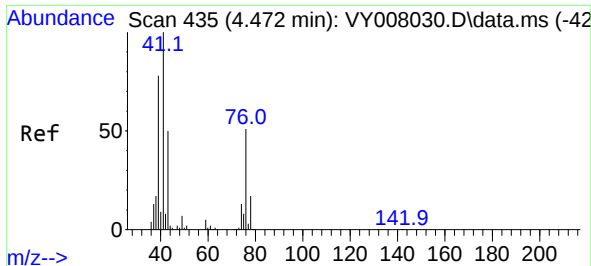
Tgt Ion:168 Resp: 129743
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#16
Acetone
Concen: 2.786 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

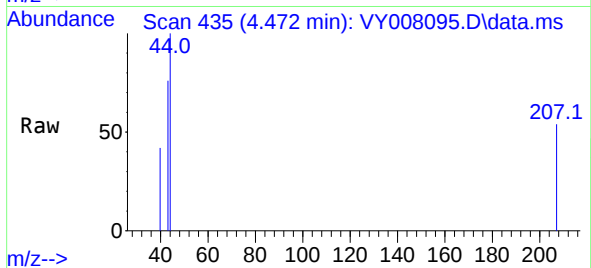
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 16.7 22.0 33.0#



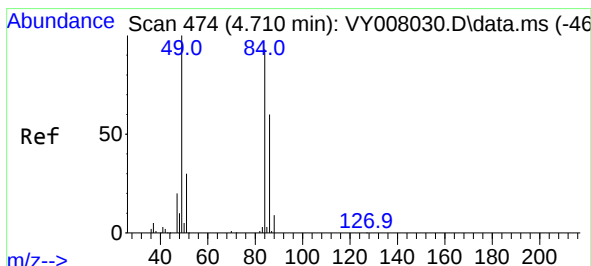
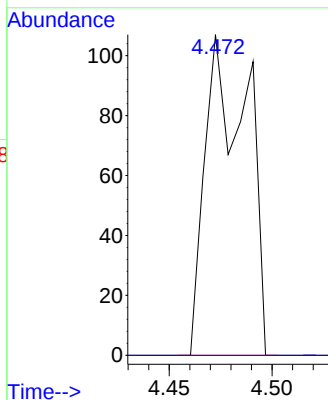
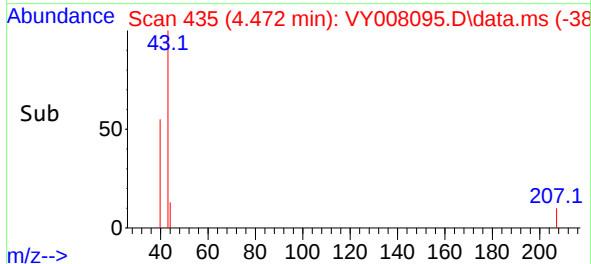


#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

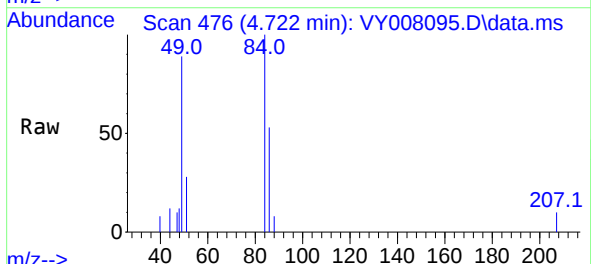
Instrument :
MSVOA_Y
ClientSampleId :



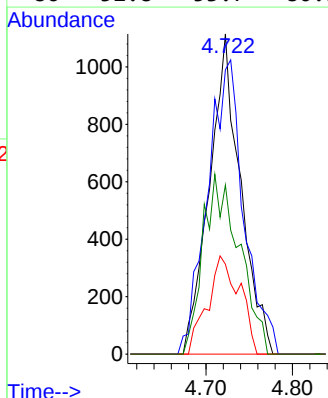
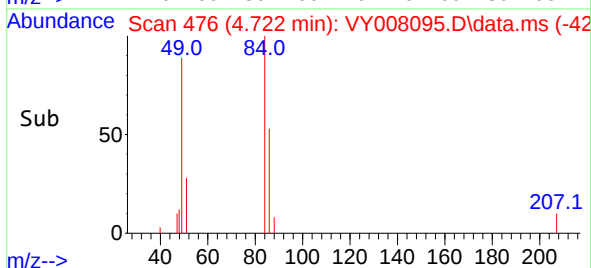
Tgt Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

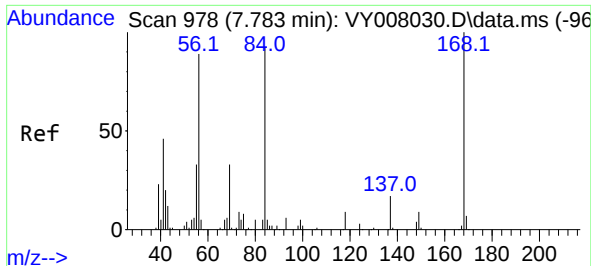


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23



Tgt Ion: 84 Resp: 2792
Ion Ratio Lower Upper
84 100
49 88.8 114.4 171.6#
51 28.1 35.3 52.9#
86 52.8 53.7 80.5#

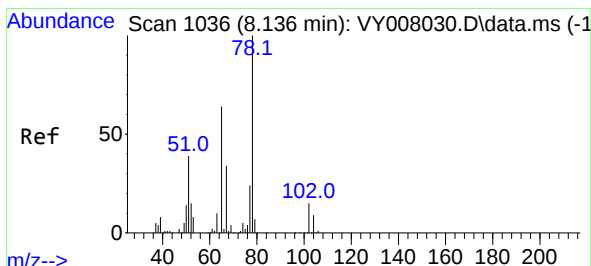
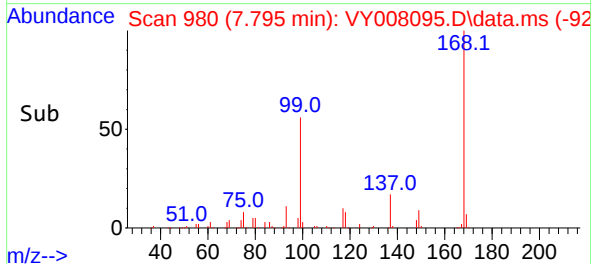
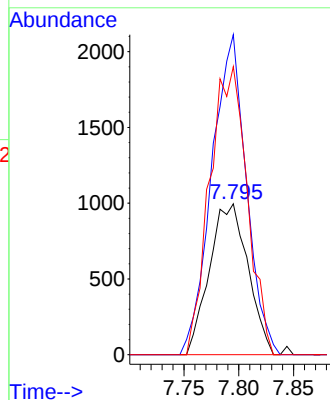
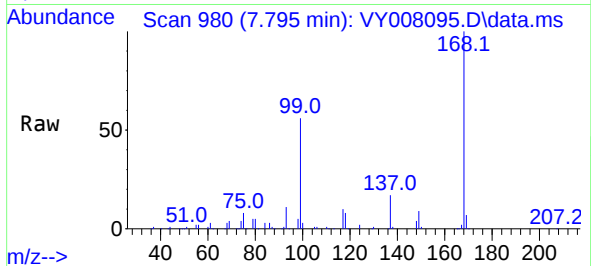




#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

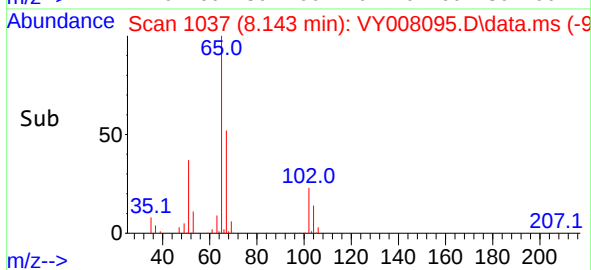
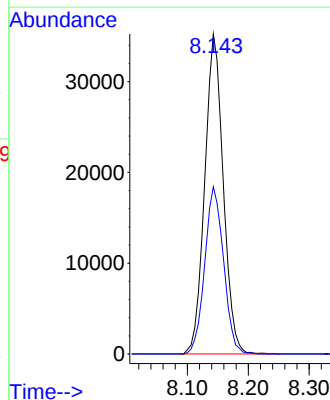
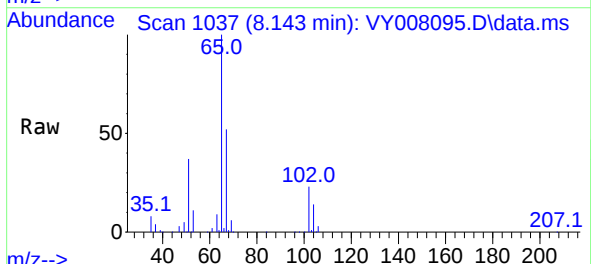
Instrument :
MSVOA_Y
ClientSampleId :

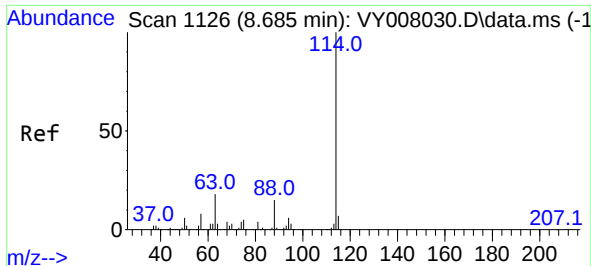
Tgt Ion: 56 Resp: 2435
Ion Ratio Lower Upper
56 100
69 212.0 26.7 40.1#
84 190.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.224 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

Tgt Ion: 65 Resp: 74489
Ion Ratio Lower Upper
65 100
67 53.0 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: VY008095.D

Acq: 29 Mar 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

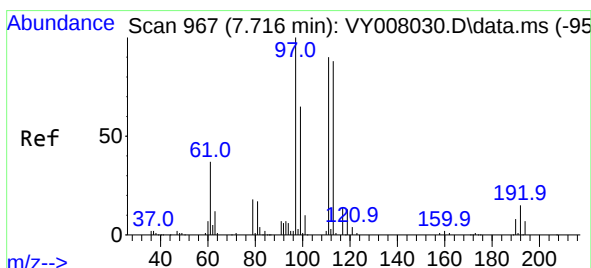
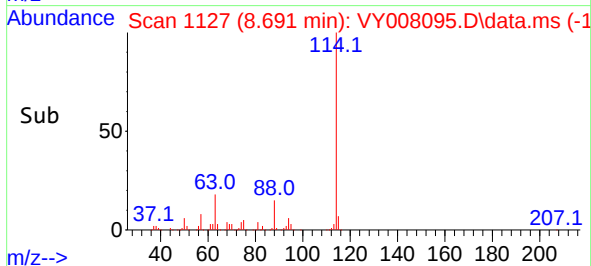
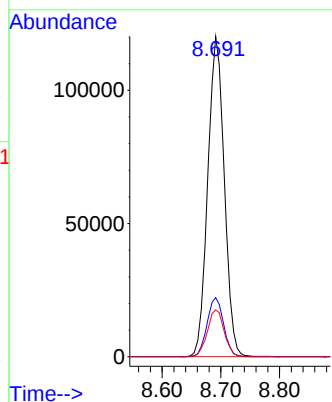
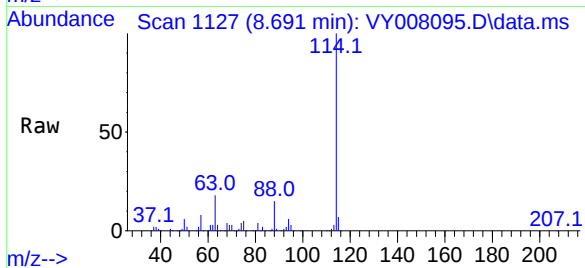
Tgt Ion:114 Resp: 234342

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.424 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008095.D

Acq: 29 Mar 2022 18:23

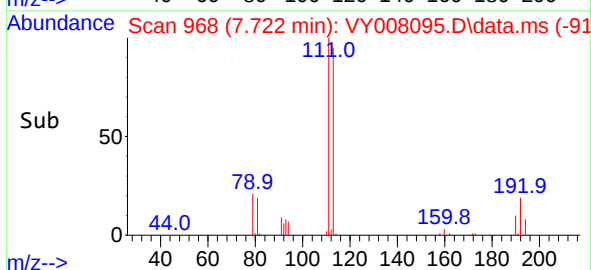
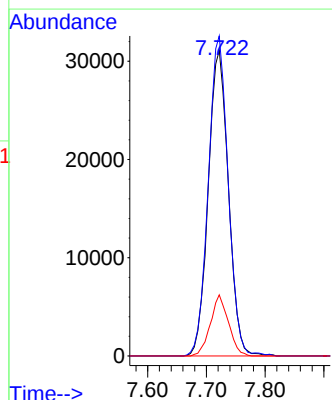
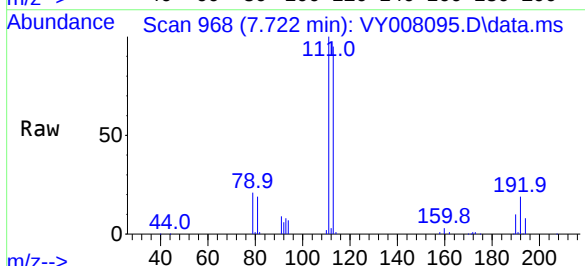
Tgt Ion:113 Resp: 74086

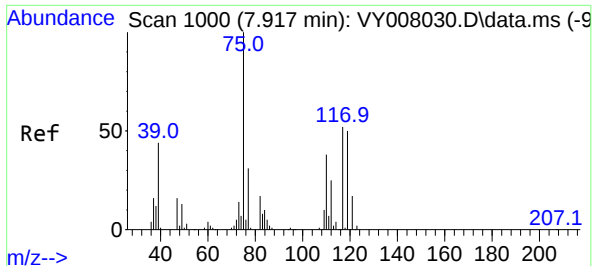
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 17.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.414 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008095.D

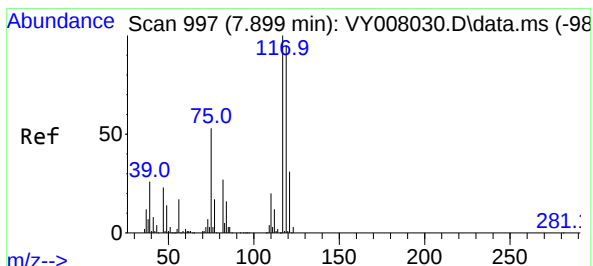
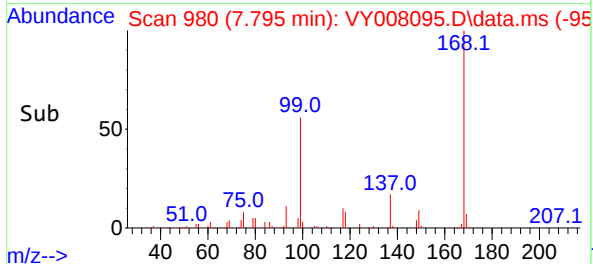
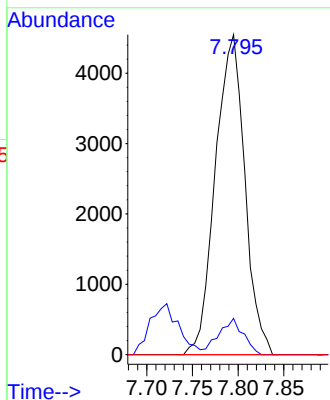
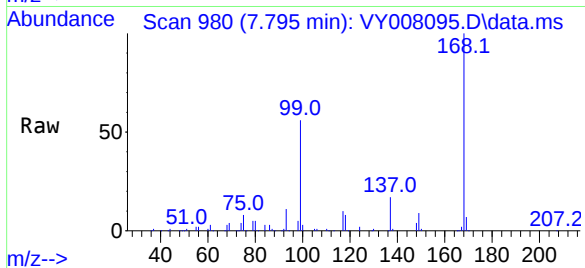
Acq: 29 Mar 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	10187
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.337 ug/l

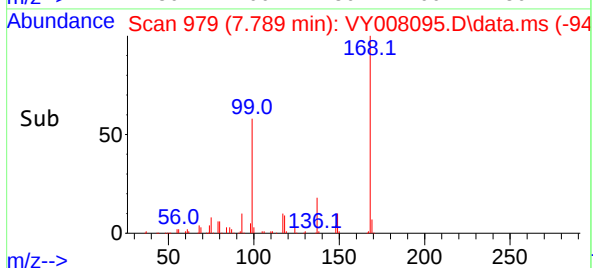
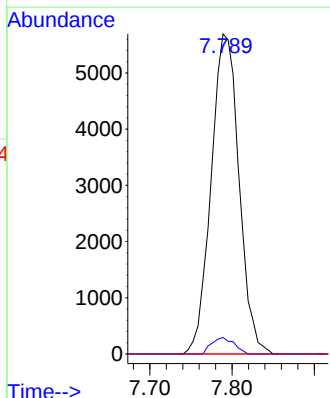
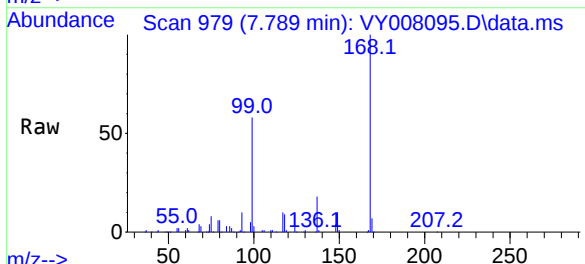
RT: 7.789 min Scan# 979

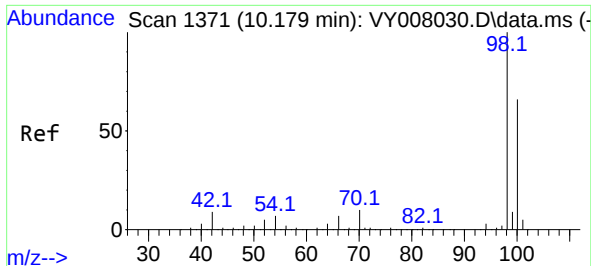
Delta R.T. -0.110 min

Lab File: VY008095.D

Acq: 29 Mar 2022 18:23

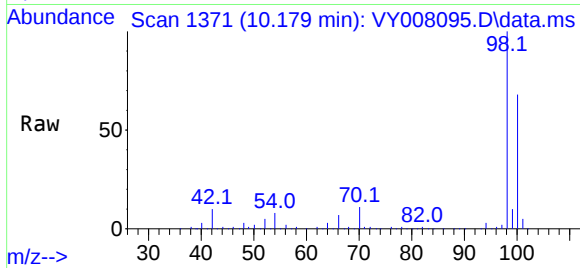
Tgt Ion:	117	Resp:	13423
Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.9	116.9#
121	0.0	24.8	37.2#



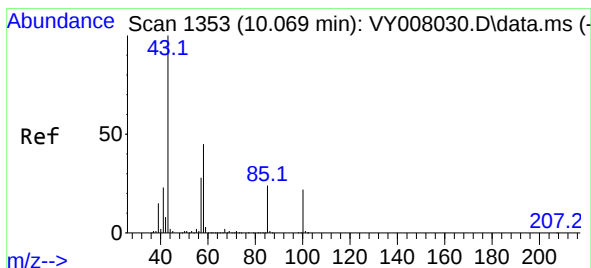
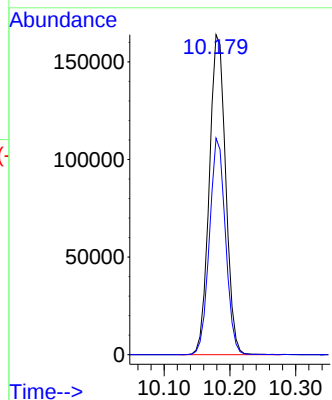
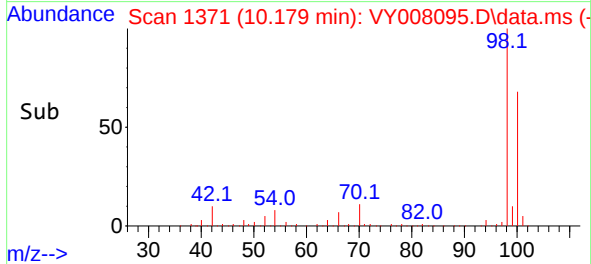


#50
Toluene-d8
Concen: 51.379 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

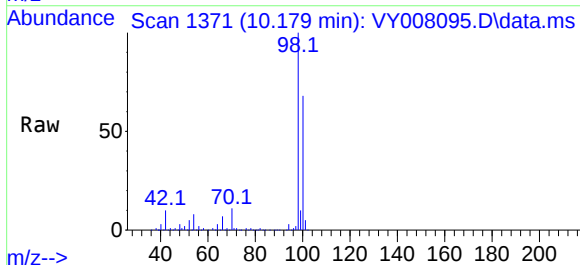
Instrument :
MSVOA_Y
ClientSampleId :



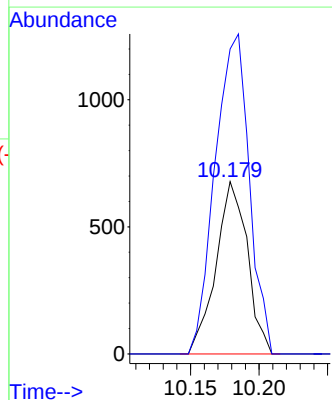
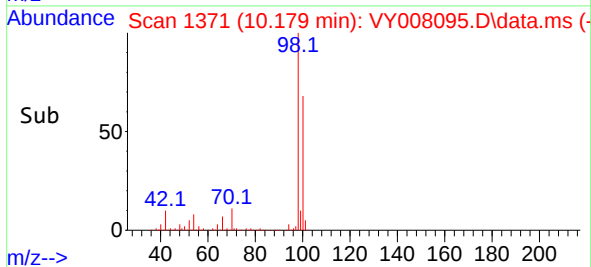
Tgt Ion: 98 Resp: 284404
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2

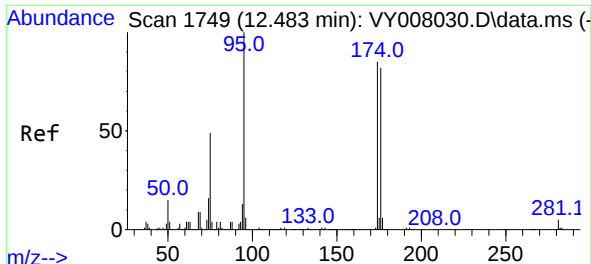


#51
4-Methyl-2-Pentanone
Concen: 1.012 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23



Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 202.0 28.1 42.1#

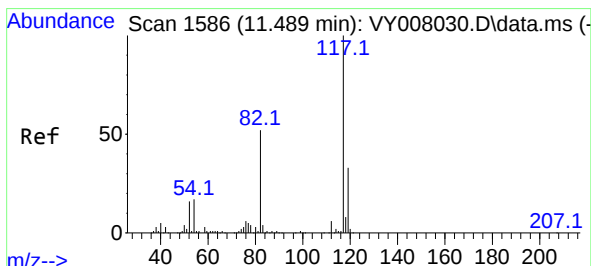
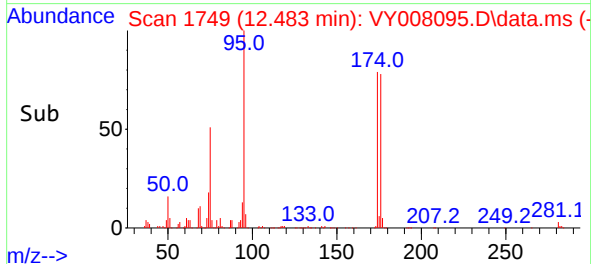
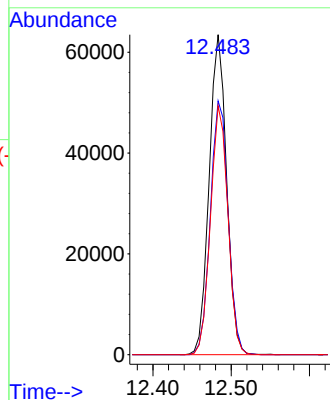
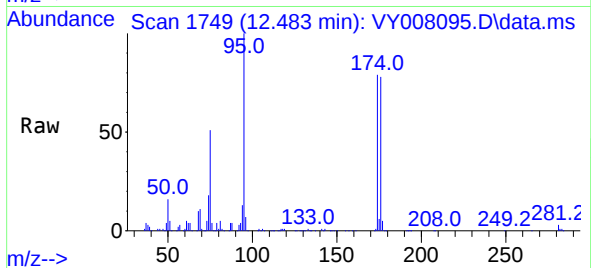




#62
4-Bromofluorobenzene
Concen: 50.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

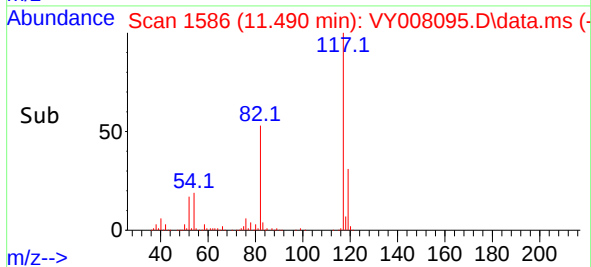
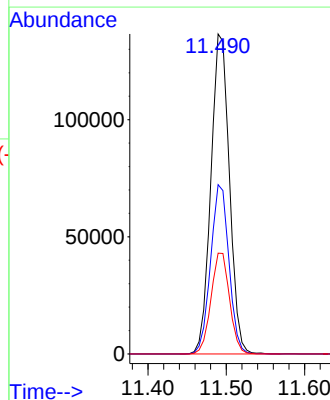
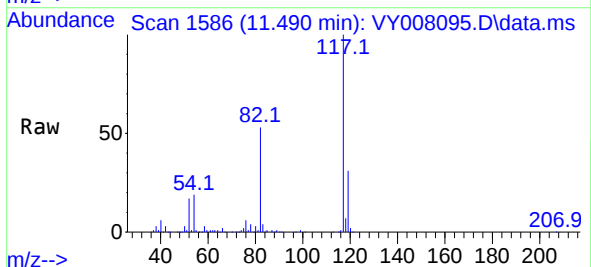
Instrument :
MSVOA_Y
ClientSampleId :

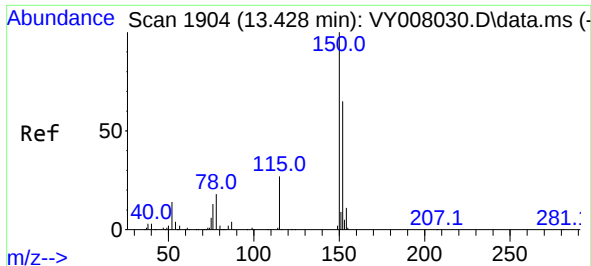
Tgt Ion: 95 Resp: 98219
Ion Ratio Lower Upper
95 100
174 80.8 0.0 177.0
176 77.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

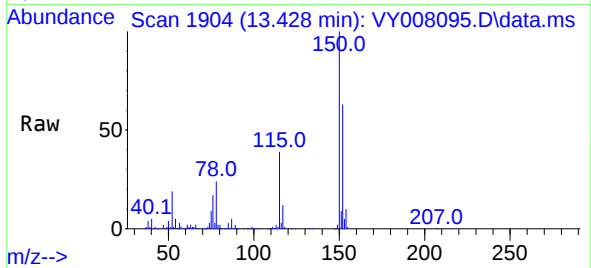
Tgt Ion: 117 Resp: 223985
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.5 25.4 38.0



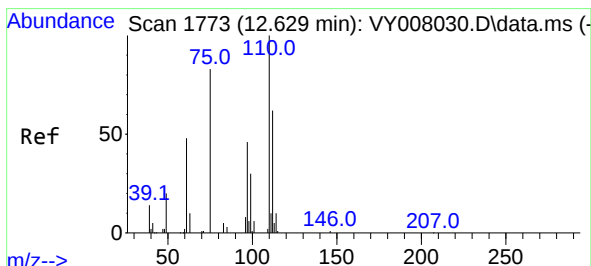
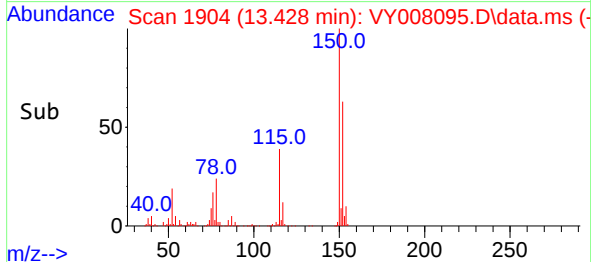
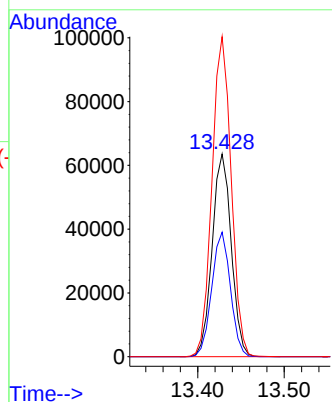


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :

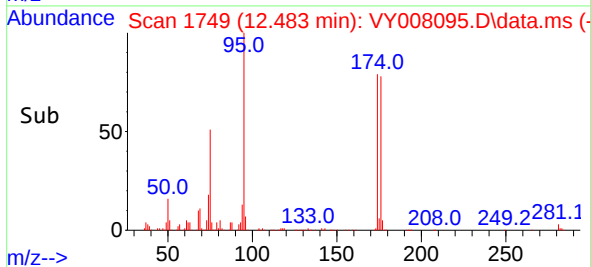
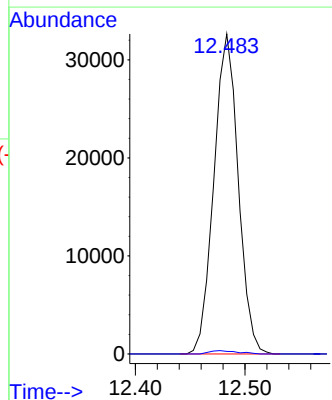
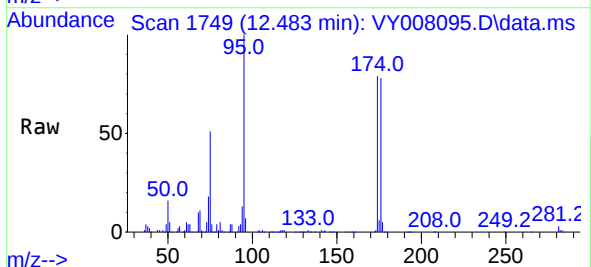


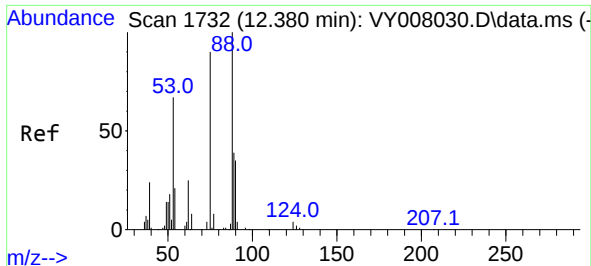
Tgt Ion:152 Resp: 97349
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 158.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

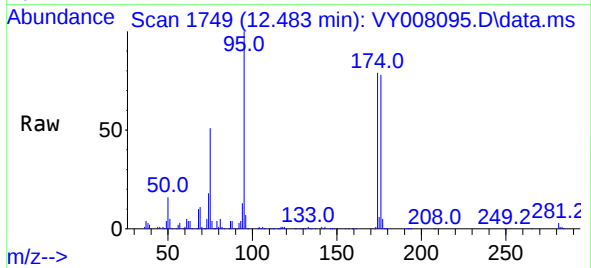
Tgt Ion: 75 Resp: 50378
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.718 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008095.D
Acq: 29 Mar 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 50378
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

