

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008055.D
 Acq On : 26 Mar 2022 18:46
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 28 09:31:16 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)

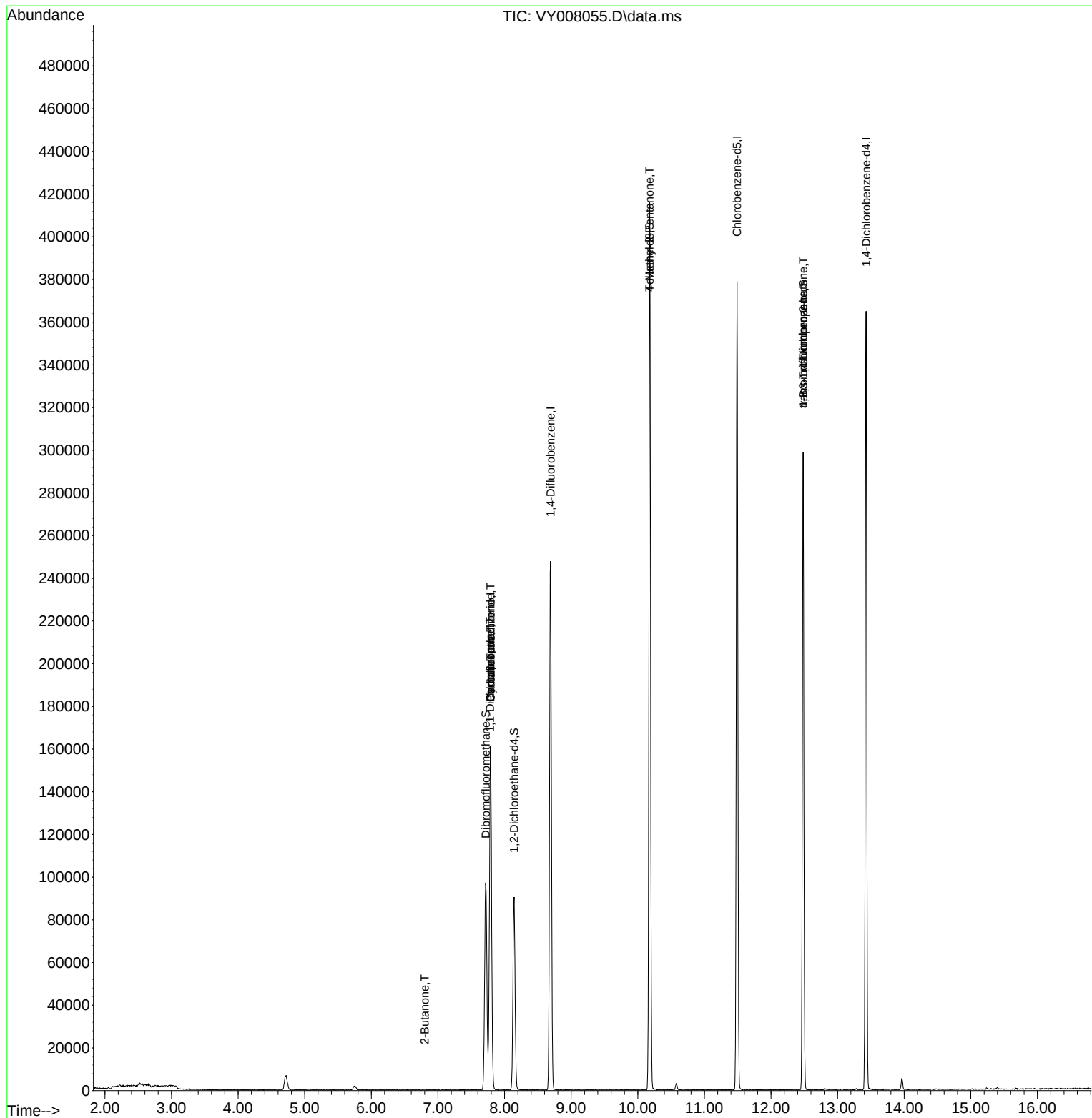
Internal Standards						
1) Pentafluorobenzene	7.789	168	122579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70476	57.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.620%	
35) Dibromofluoromethane	7.716	113	70600	50.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.280%	
50) Toluene-d8	10.179	98	271165	51.622	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.483	95	92913	50.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.280%	
Target Compounds						
18) Methyl Acetate	4.466	43	19	Below Cal	#	56
20) Methylene Chloride	4.716	84	5389	Below Cal	#	73
25) 2-Butanone	6.801	43	546	1.276	ug/l #	54
31) Cyclohexane	7.789	56	2389	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9581	4.375	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12861	5.389	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1054	1.040	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47813	43.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47813	96.071	ug/l #	7

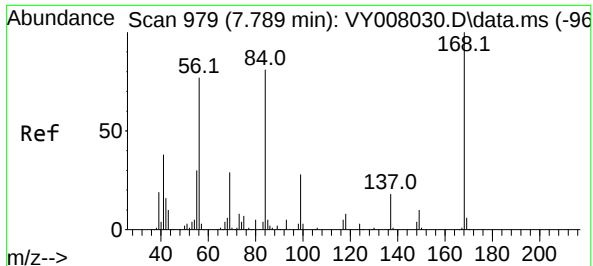
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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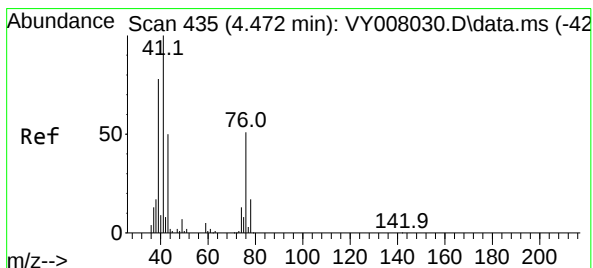
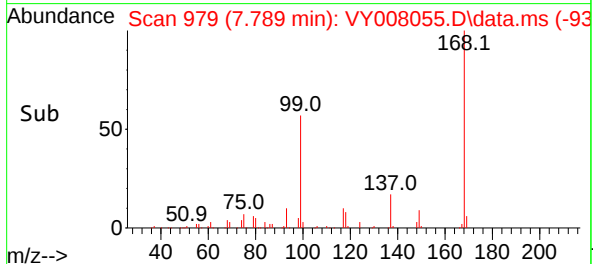
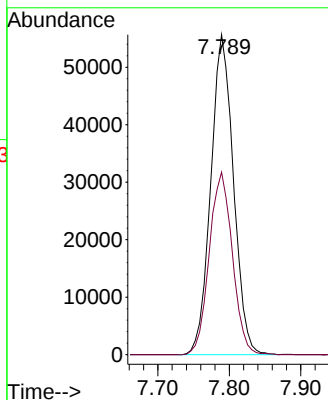
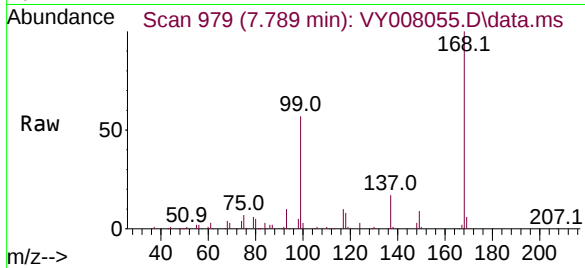




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

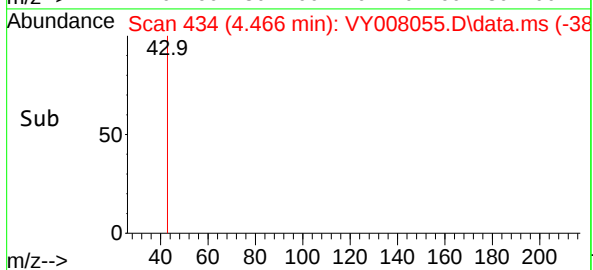
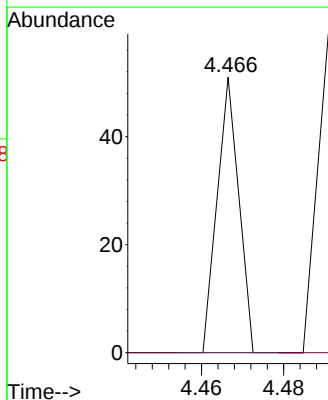
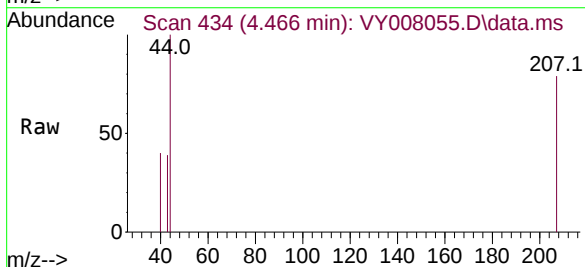
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

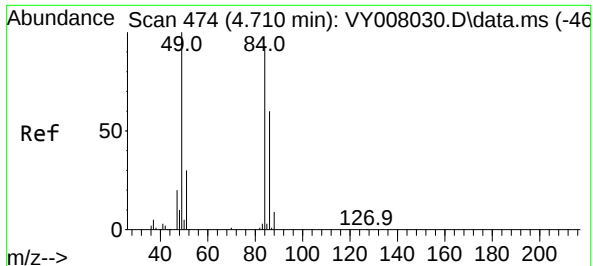
Tgt Ion:168 Resp: 122579
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

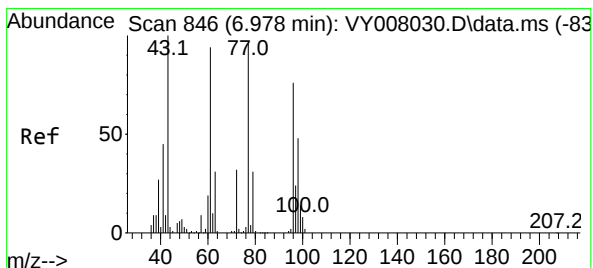
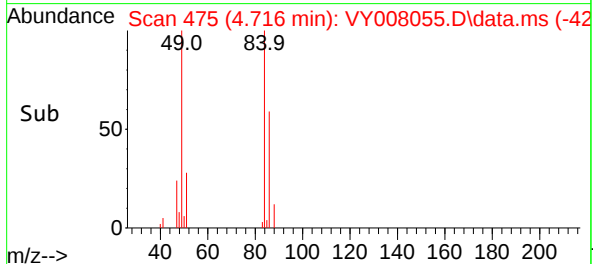
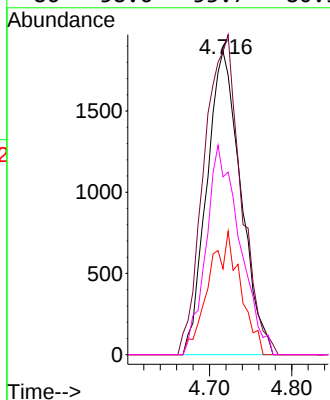
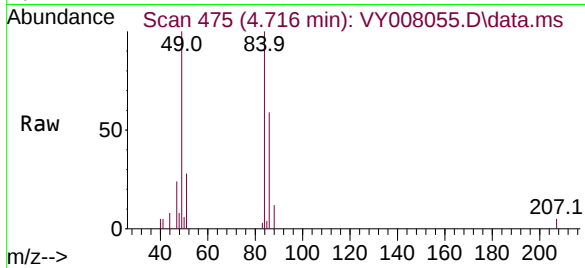




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

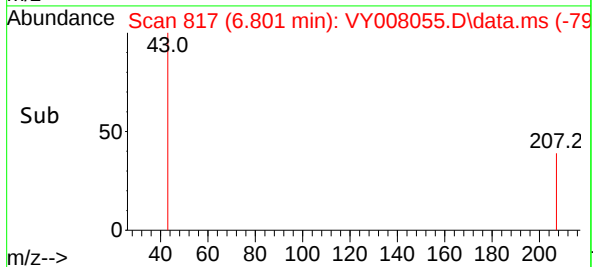
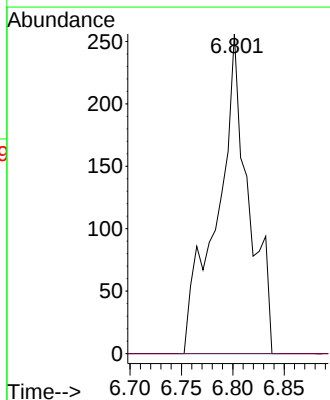
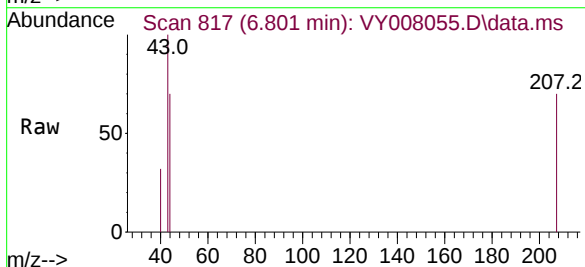
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

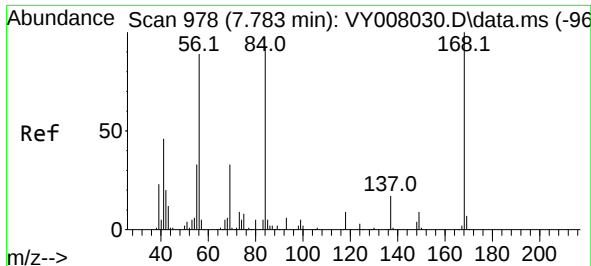
Tgt Ion: 84 Resp: 5389
Ion Ratio Lower Upper
84 100
49 99.8 114.4 171.6#
51 28.3 35.3 52.9#
86 58.6 53.7 80.5



#25
2-Butanone
Concen: 1.276 ug/l
RT: 6.801 min Scan# 817
Delta R.T. -0.177 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

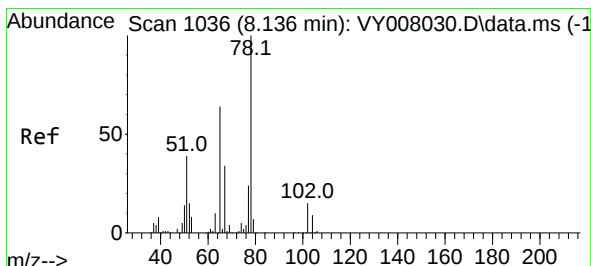
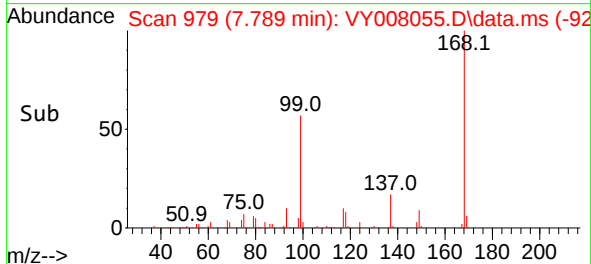
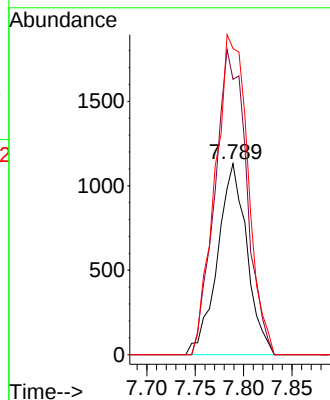
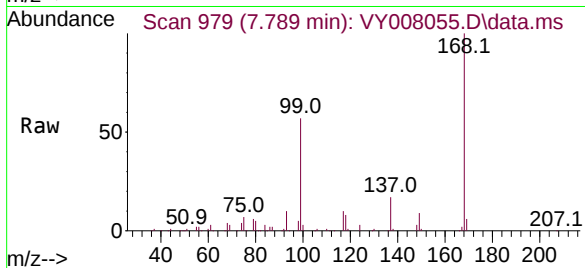




#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

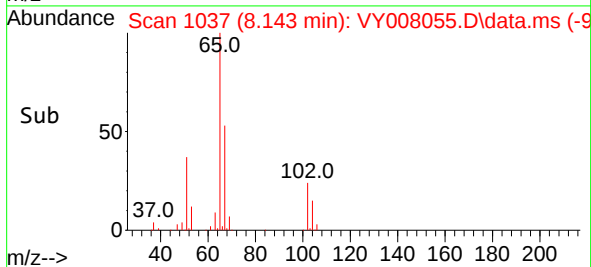
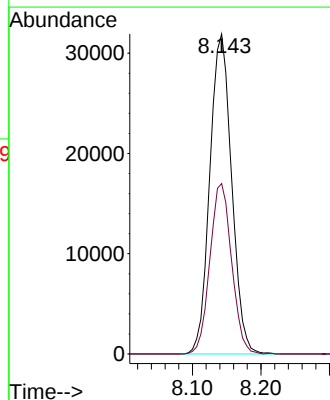
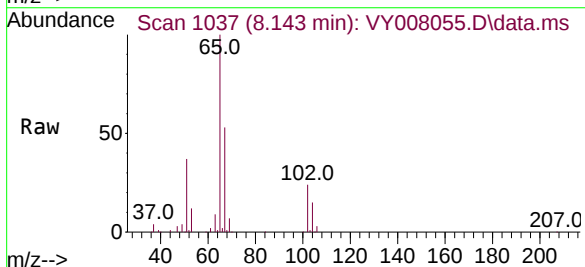
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

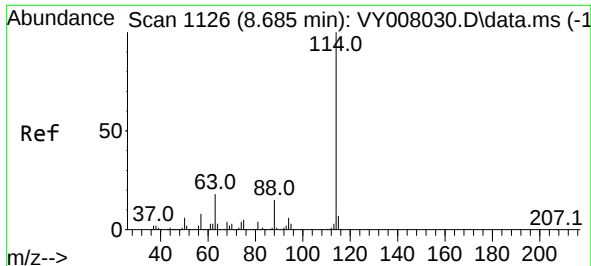
Tgt Ion: 56 Resp: 2389
Ion Ratio Lower Upper
56 100
69 144.2 26.7 40.1#
84 170.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.305 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 65 Resp: 70476
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

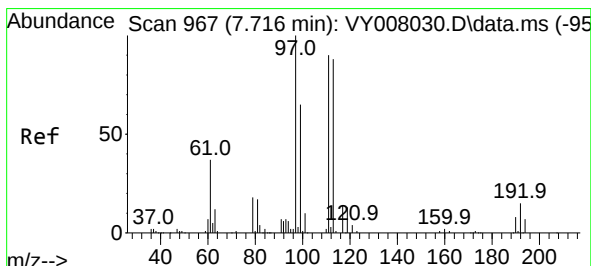
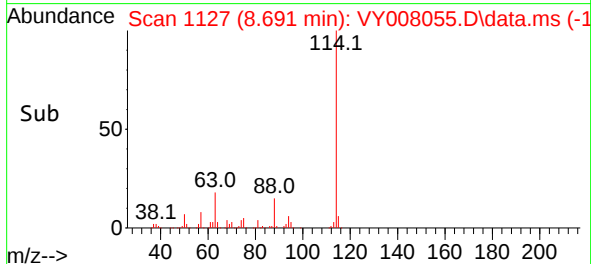
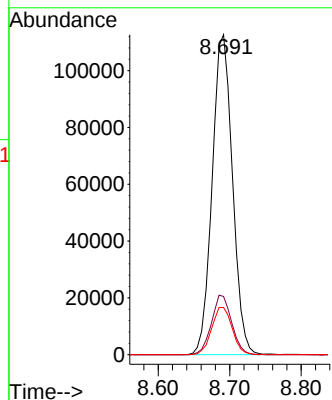
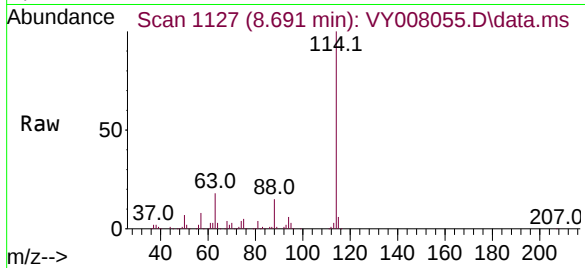




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

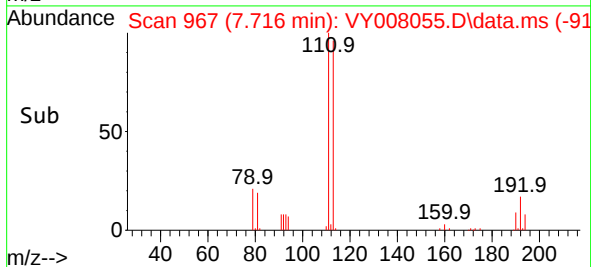
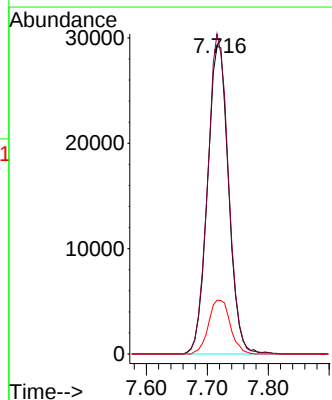
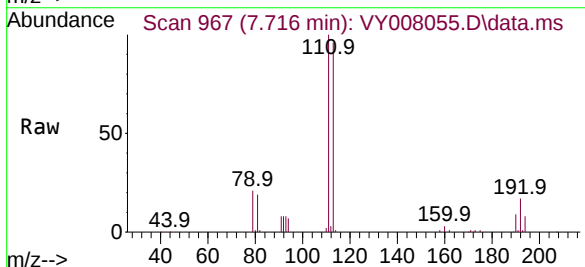
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

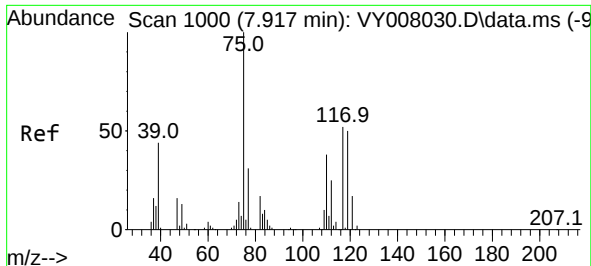
Tgt Ion:114 Resp: 222379
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.636 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

Tgt Ion:113 Resp: 70600
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.375 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008055.D

Acq: 26 Mar 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

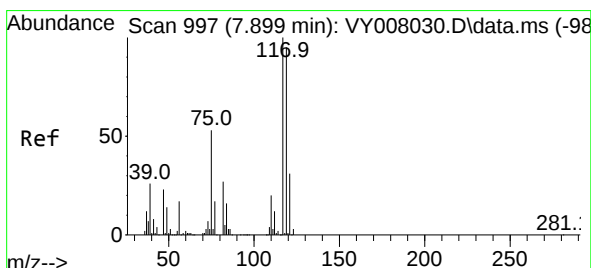
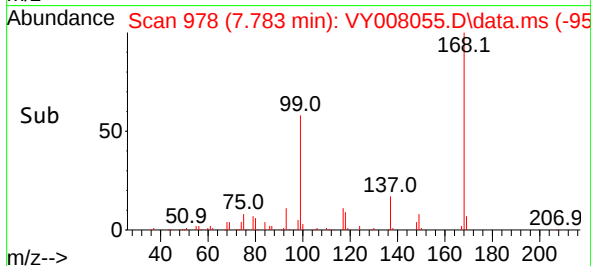
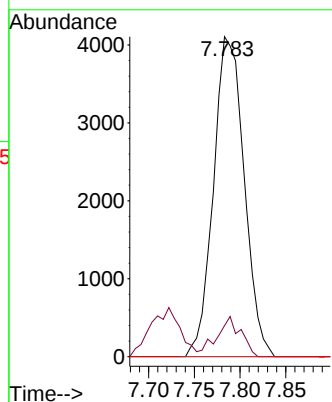
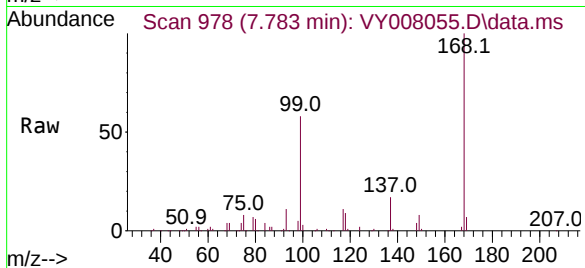
Tgt Ion: 75 Resp: 9581

Ion Ratio Lower Upper

75 100

110 9.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.389 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008055.D

Acq: 26 Mar 2022 18:46

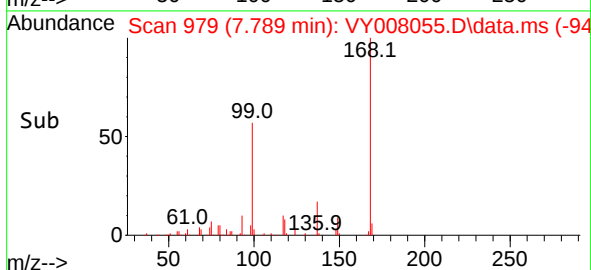
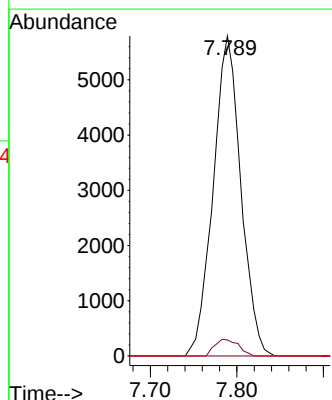
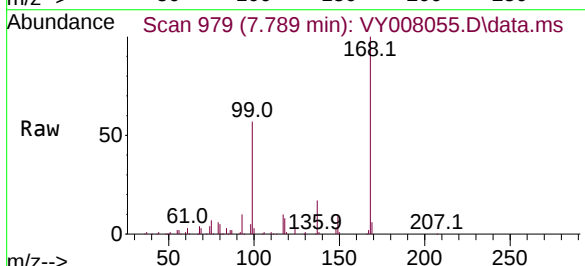
Tgt Ion: 117 Resp: 12861

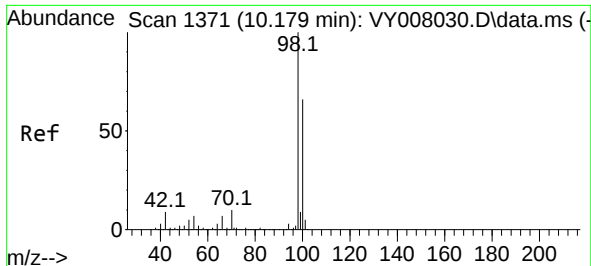
Ion Ratio Lower Upper

117 100

119 5.0 77.9 116.9#

121 0.0 24.8 37.2#

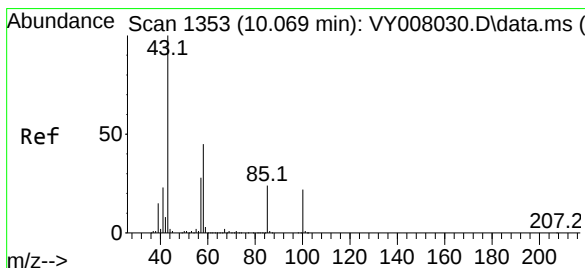
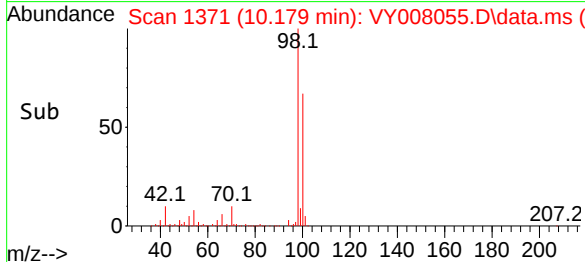
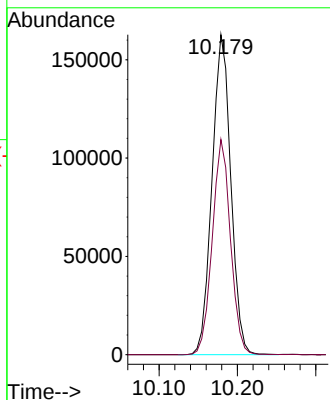
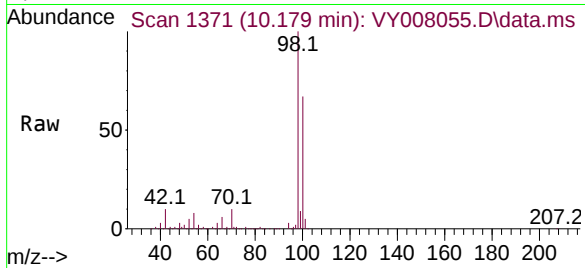




#50
Toluene-d8
Concen: 51.622 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

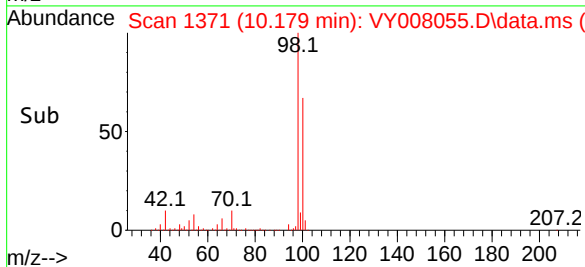
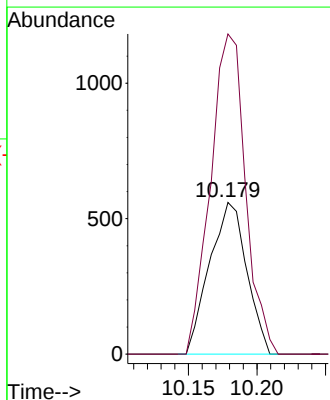
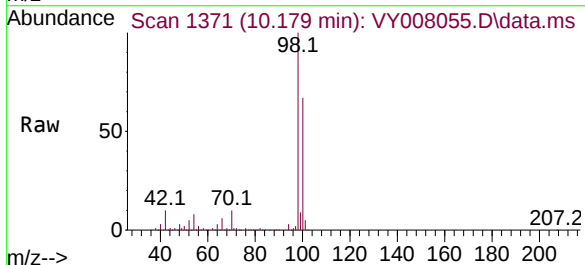
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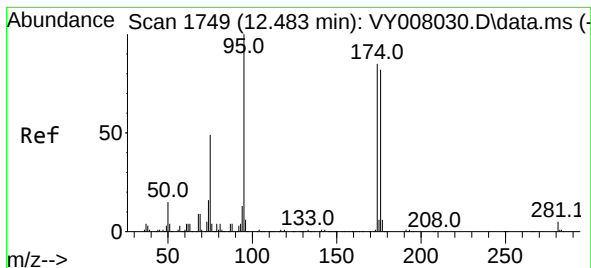
Tgt Ion: 98 Resp: 271165
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.040 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 199.2 28.1 42.1#

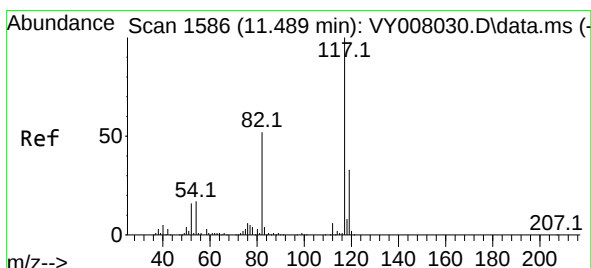
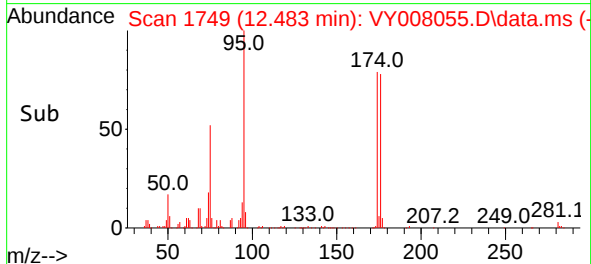
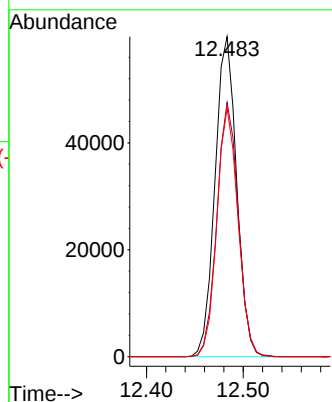
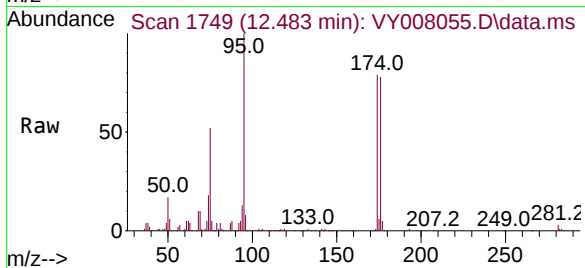




#62
4-Bromofluorobenzene
Concen: 50.136 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

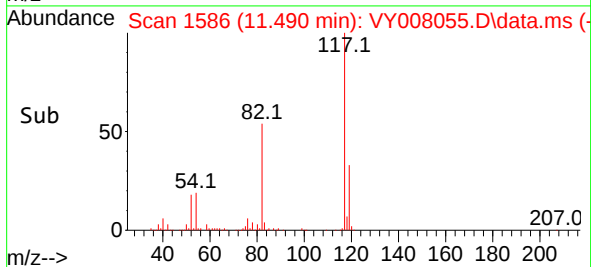
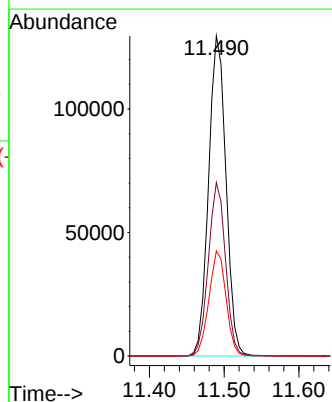
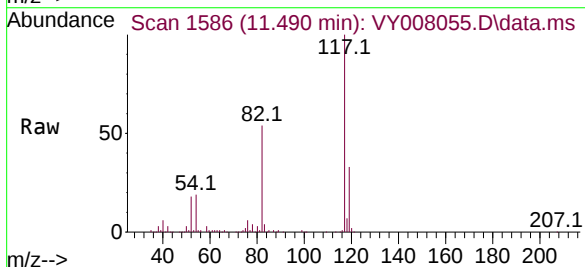
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

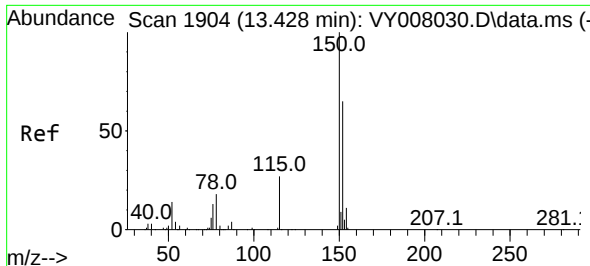
Tgt Ion: 95 Resp: 92913
Ion Ratio Lower Upper
95 100
174 78.5 0.0 177.0
176 75.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008055.D
Acq: 26 Mar 2022 18:46

Tgt Ion: 117 Resp: 209347
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.8 25.4 38.0

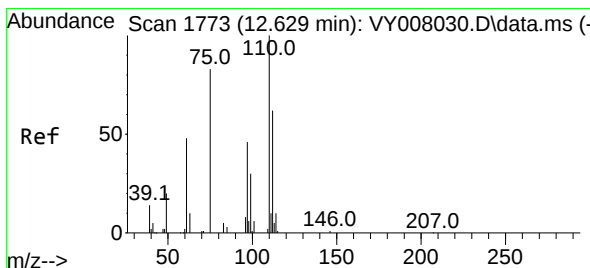
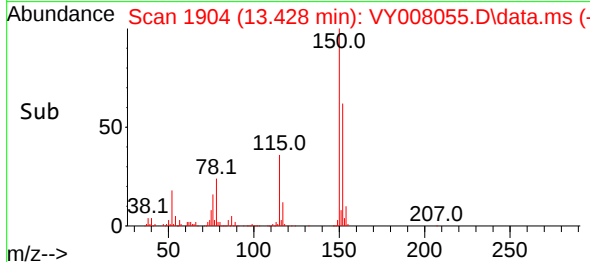
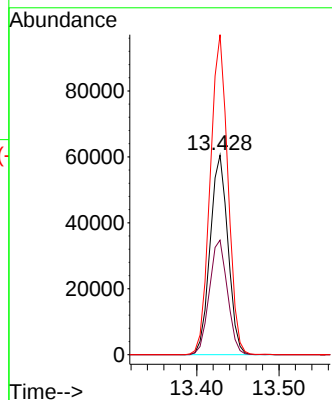
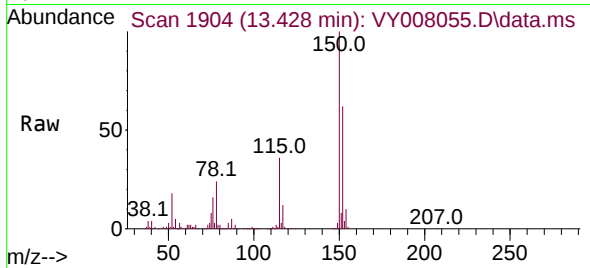




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008055.D
 Acq: 26 Mar 2022 18:46

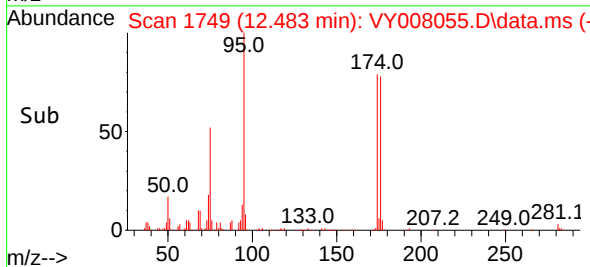
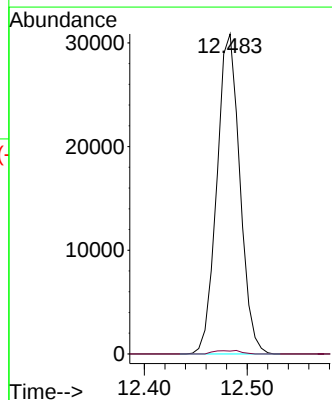
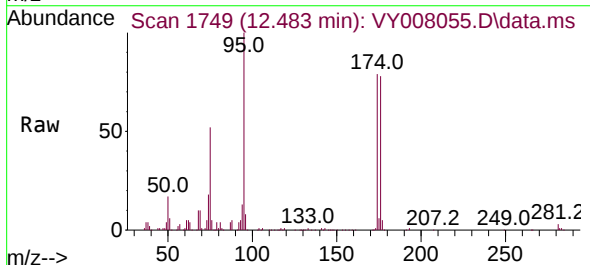
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

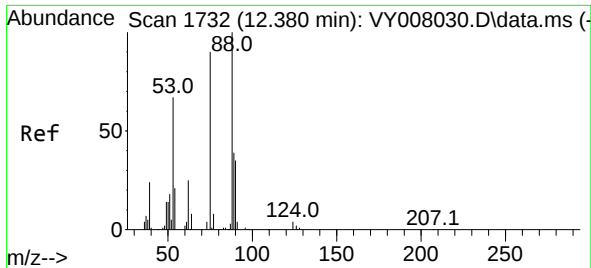
Tgt Ion:152 Resp: 91092
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 159.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.059 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008055.D
 Acq: 26 Mar 2022 18:46

Tgt Ion: 75 Resp: 47813
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.071 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008055.D
 Acq: 26 Mar 2022 18:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 47813
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

