

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008218.D
 Acq On : 05 Apr 2022 18:34
 Operator : SY/MD
 Sample : N2257-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Apr 06 03:59:24 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)

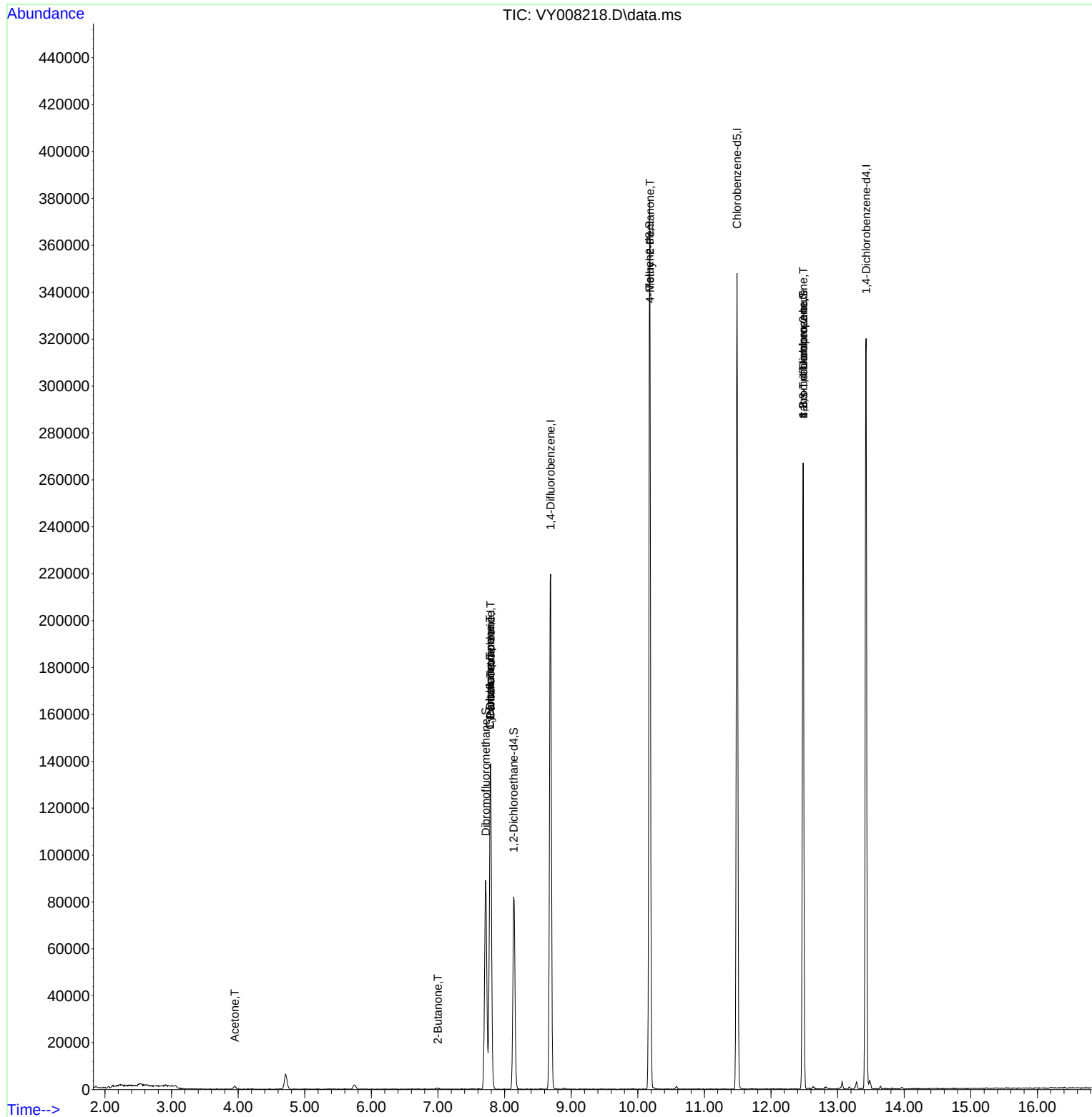
Internal Standards						
1) Pentafluorobenzene	7.789	168	109281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63097	57.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.100%
35) Dibromofluoromethane	7.716	113	63213	50.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.940%
50) Toluene-d8	10.179	98	246731	52.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.483	95	79683	47.864	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.720%
Target Compounds						
				Qvalue		
16) Acetone	3.948	43	2244	8.954	ug/l #	84
18) Methyl Acetate	4.472	43	163	Below Cal	#	56
20) Methylene Chloride	4.716	84	4994	Below Cal	#	70
25) 2-Butanone	6.996	43	635	1.665	ug/l #	90
31) Cyclohexane	7.783	56	2140	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8423	4.281	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10674	4.979	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	983	1.080	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	41673	41.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41673	93.110	ug/l #	7

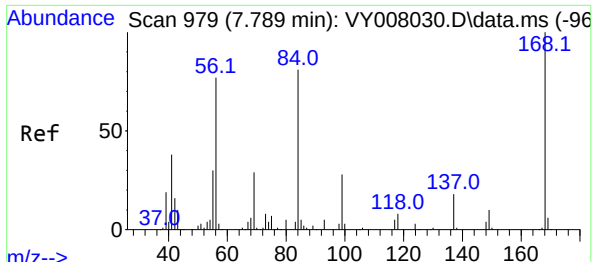
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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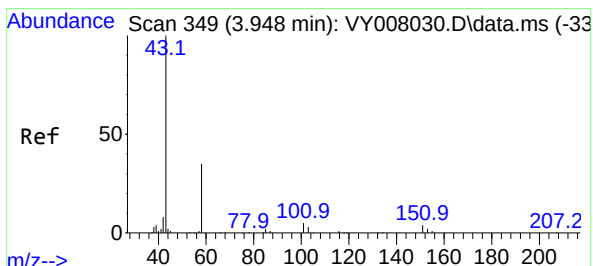
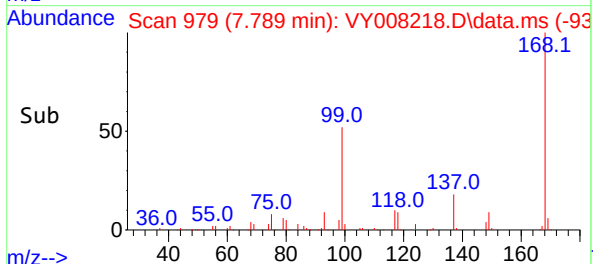
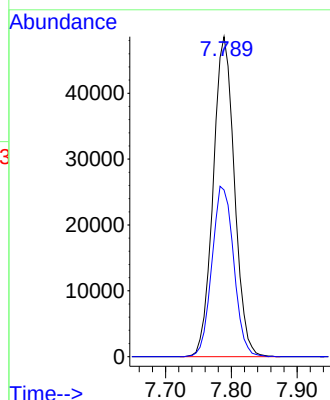
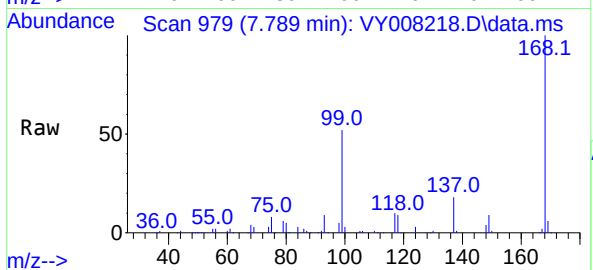




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

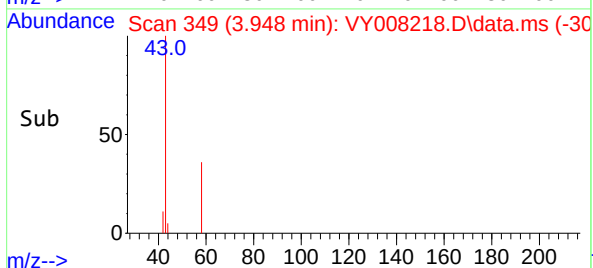
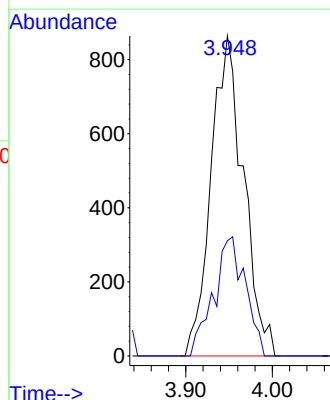
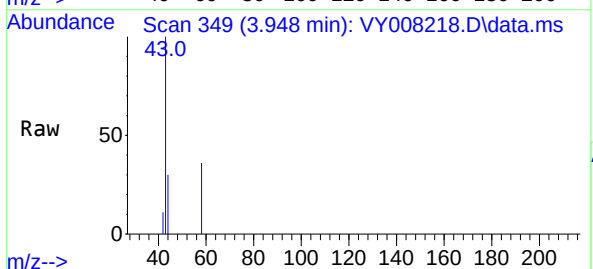
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

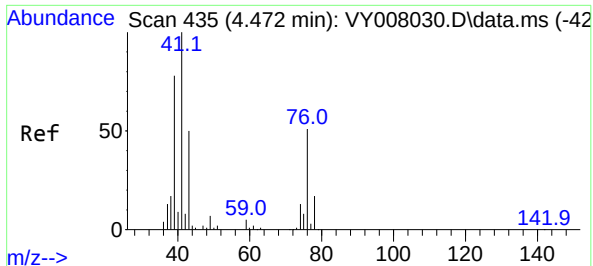
Tgt Ion:168 Resp: 109281
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#16
Acetone
Concen: 8.954 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

Tgt Ion: 43 Resp: 2244
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008218.D

Acq: 05 Apr 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

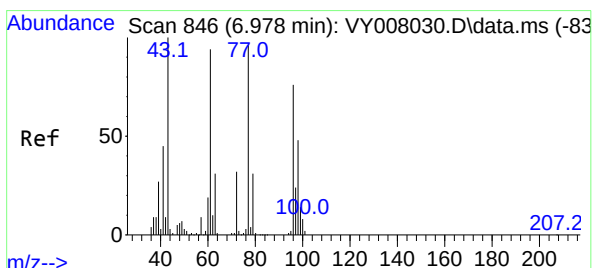
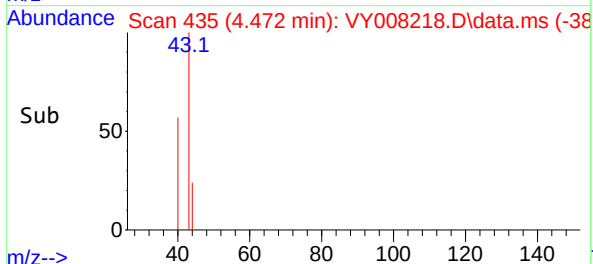
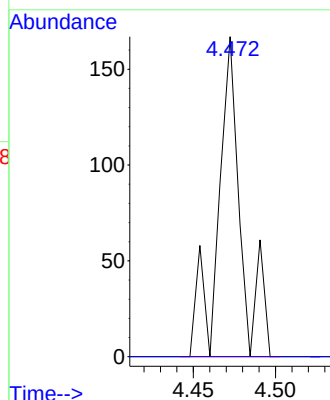
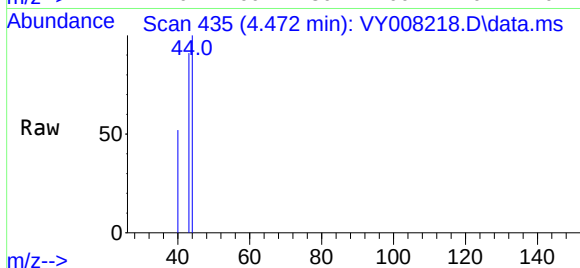
TP-5

Tgt Ion: 43 Resp: 163

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#25

2-Butanone

Concen: 1.665 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY008218.D

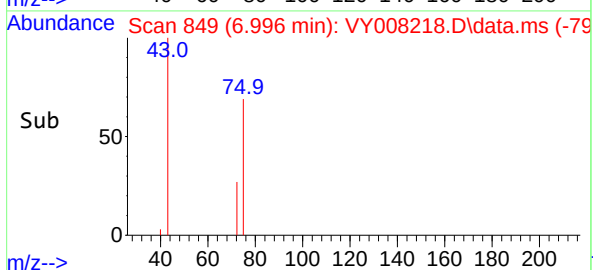
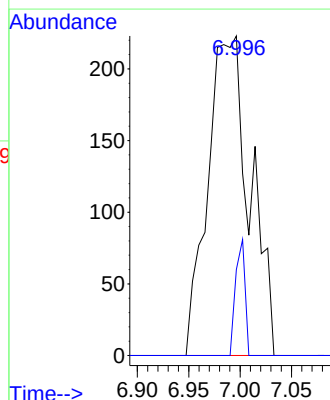
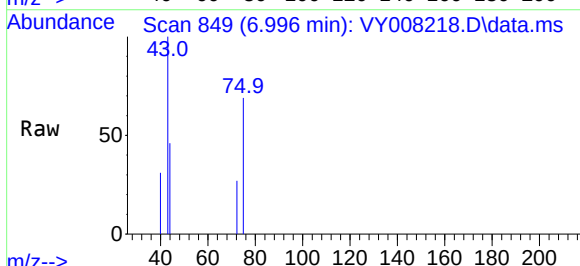
Acq: 05 Apr 2022 18:34

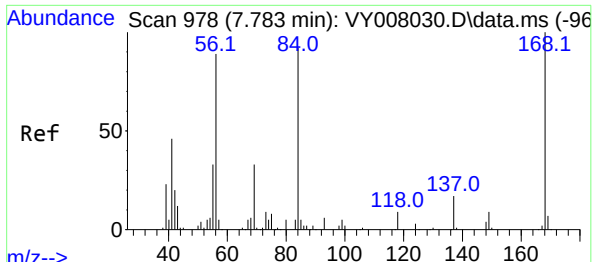
Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

43 100

72 26.9 17.7 26.5#

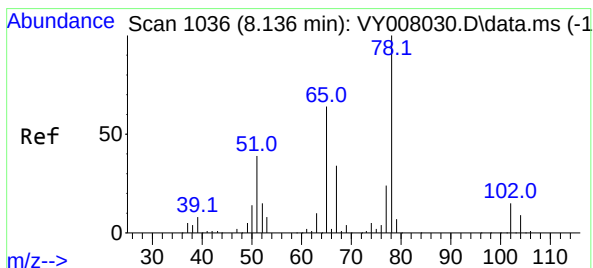
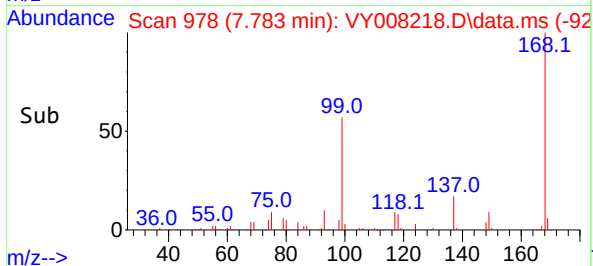
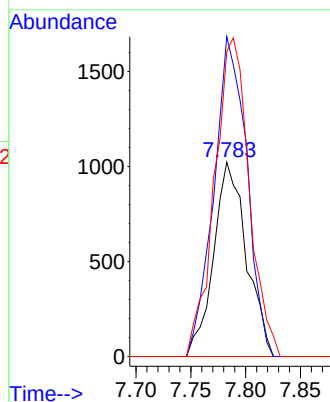
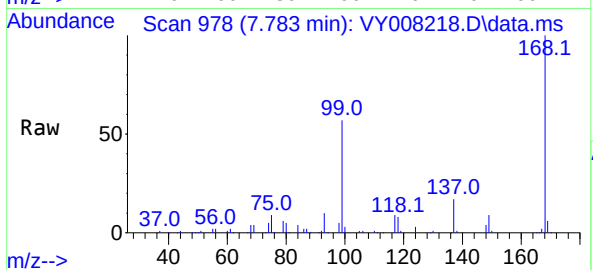




#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

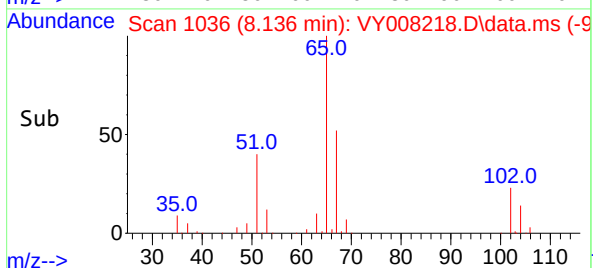
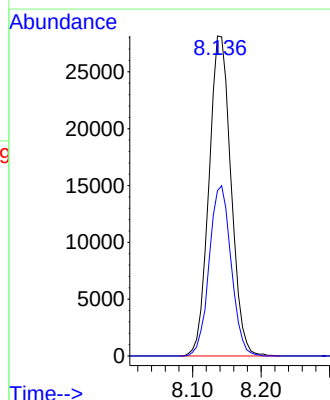
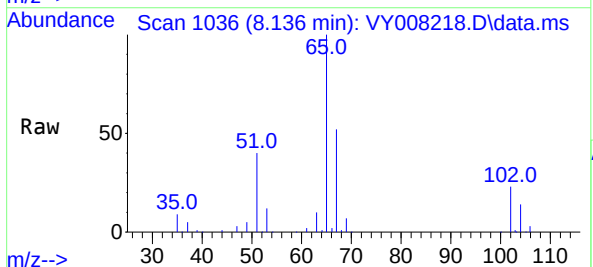
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

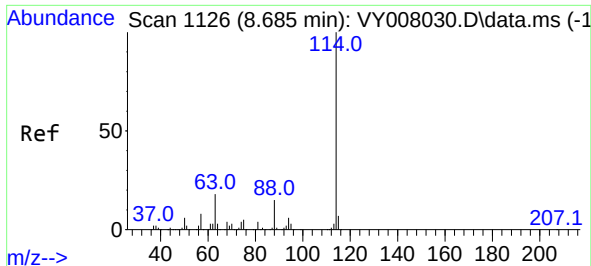
Tgt Ion: 56 Resp: 2140
Ion Ratio Lower Upper
56 100
69 164.5 26.7 40.1#
84 156.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.548 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

Tgt Ion: 65 Resp: 63097
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008218.D

Acq: 05 Apr 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

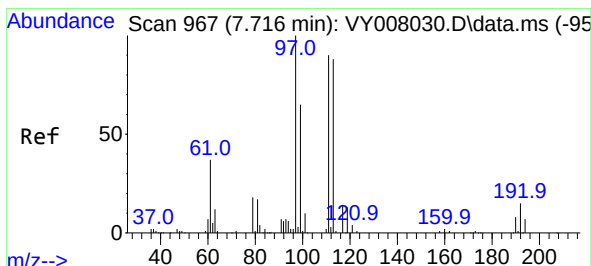
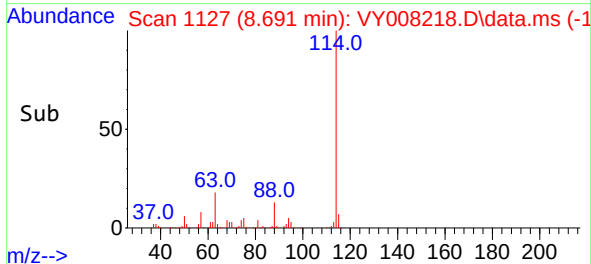
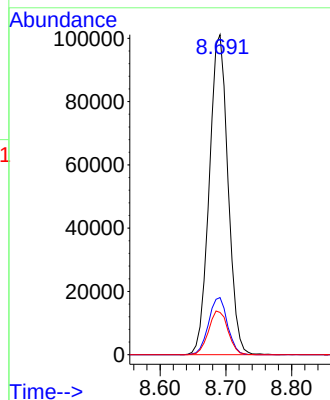
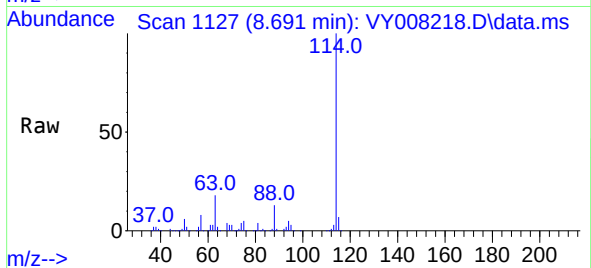
Tgt Ion:114 Resp: 199764

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.471 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008218.D

Acq: 05 Apr 2022 18:34

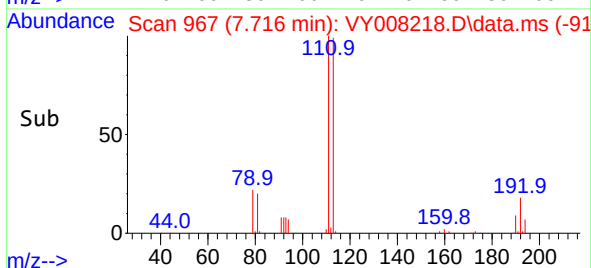
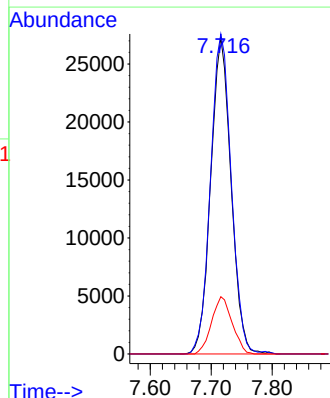
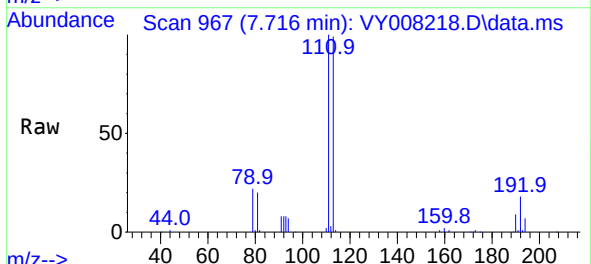
Tgt Ion:113 Resp: 63213

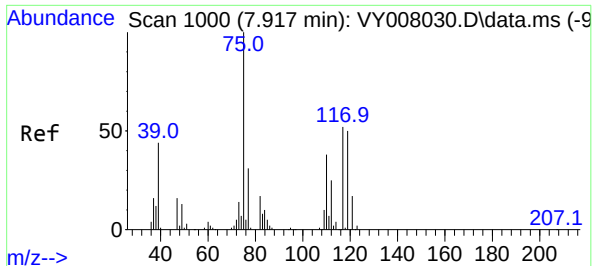
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.281 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008218.D

Acq: 05 Apr 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

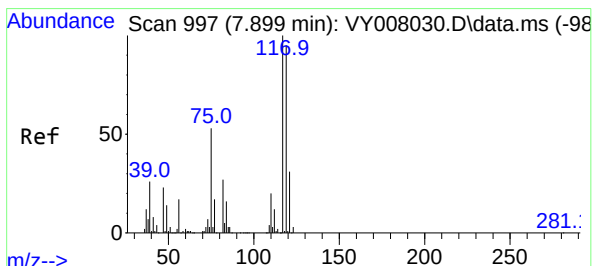
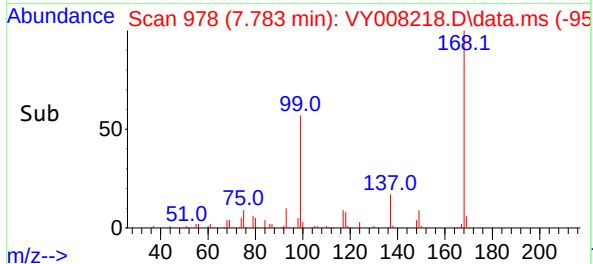
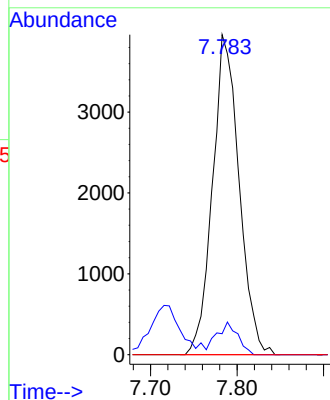
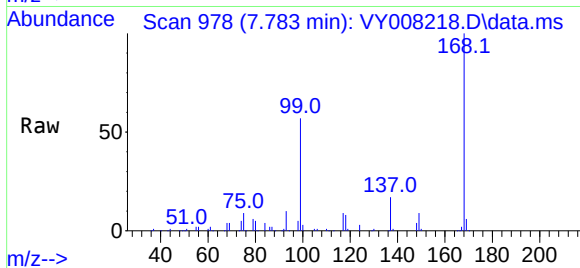
Tgt Ion: 75 Resp: 8423

Ion Ratio Lower Upper

75 100

110 8.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.979 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008218.D

Acq: 05 Apr 2022 18:34

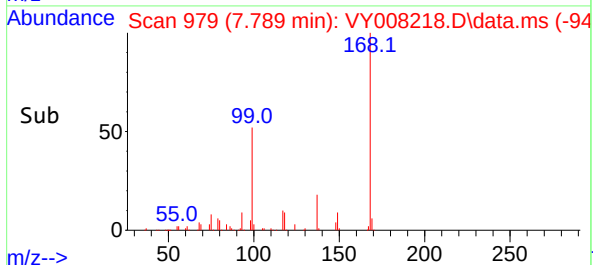
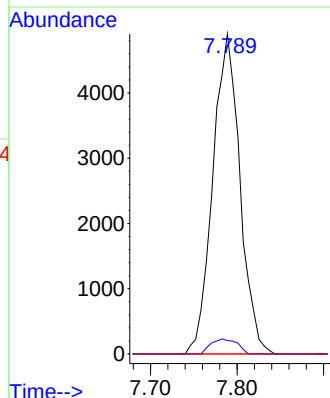
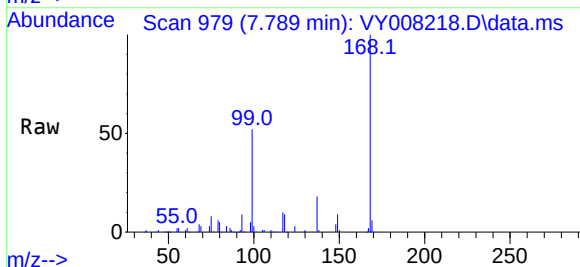
Tgt Ion: 117 Resp: 10674

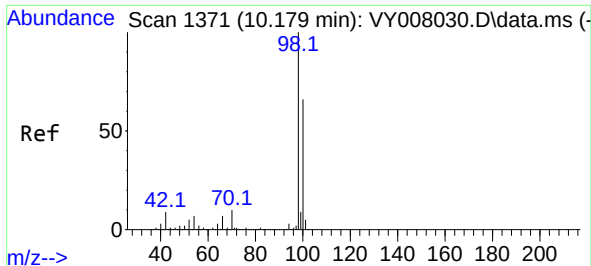
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#

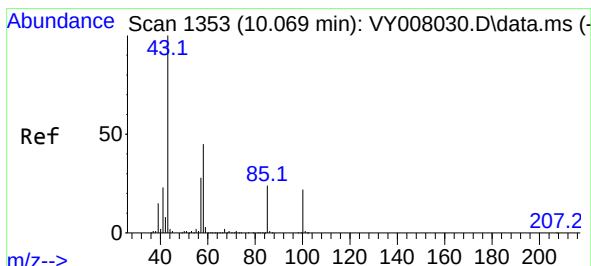
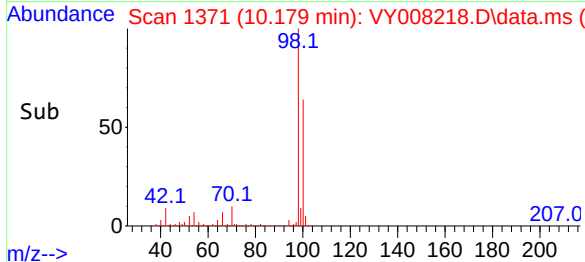
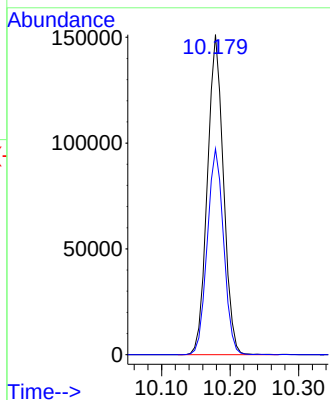
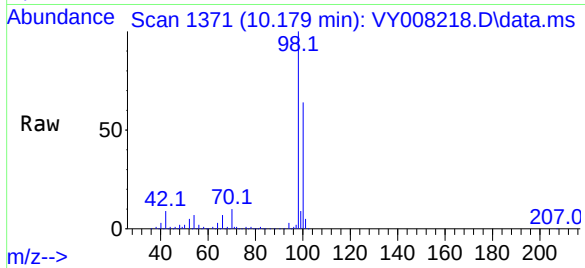




#50
Toluene-d8
Concen: 52.288 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

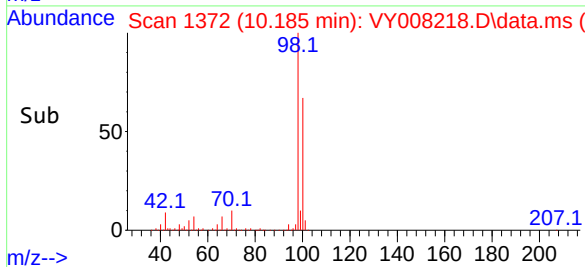
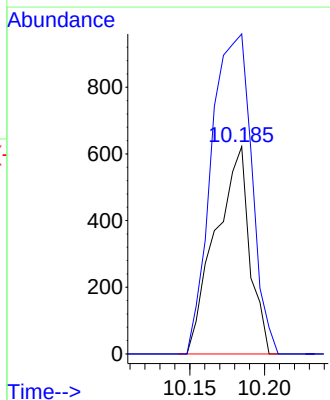
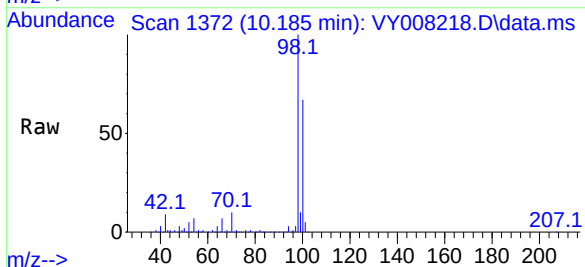
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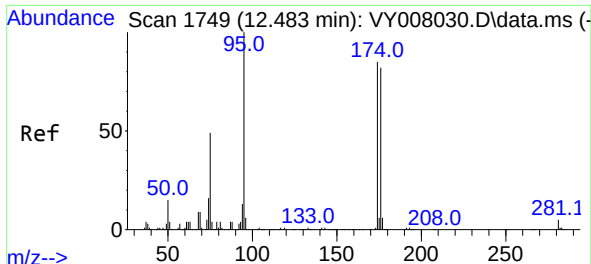
Tgt Ion: 98 Resp: 246731
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.080 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 182.4 28.1 42.1#

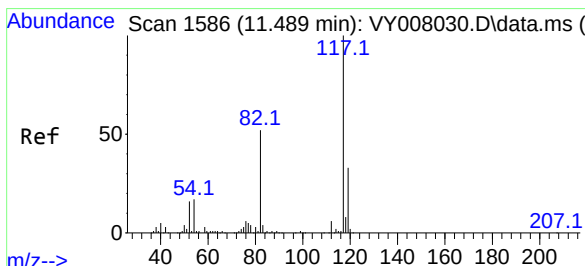
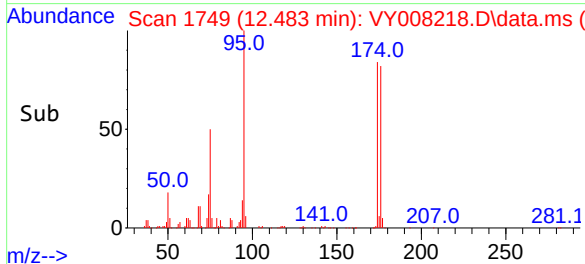
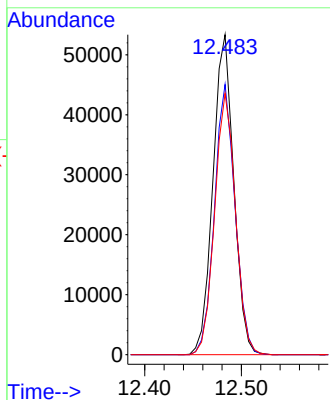
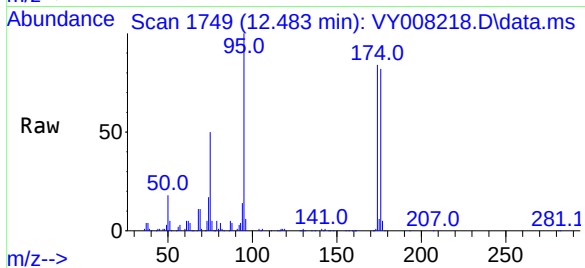




#62
4-Bromofluorobenzene
Concen: 47.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

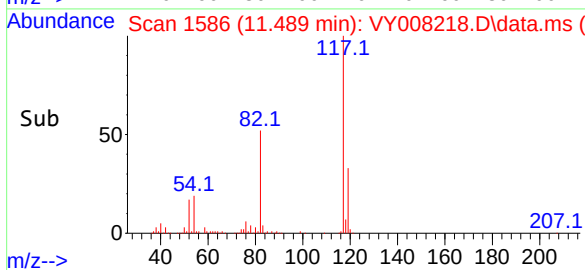
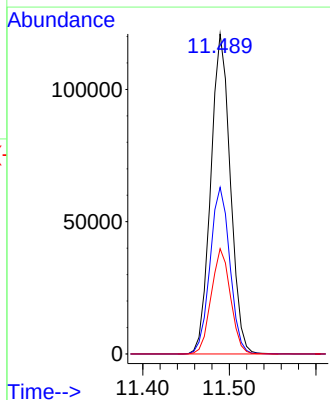
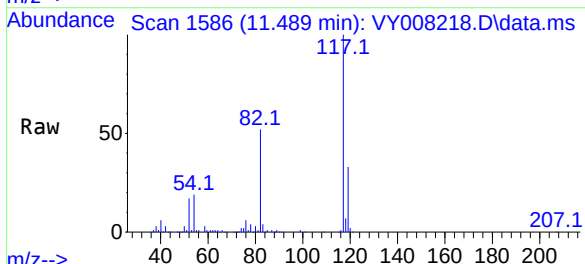
Instrument :
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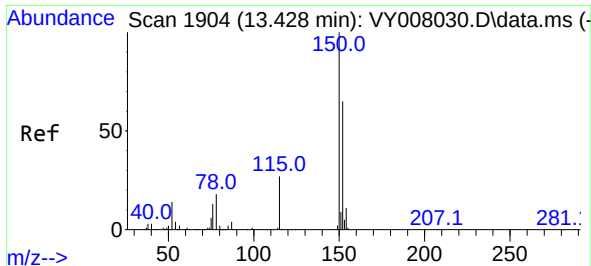
Tgt Ion: 95 Resp: 79683
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008218.D
Acq: 05 Apr 2022 18:34

Tgt Ion: 117 Resp: 189914
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.9 25.4 38.0

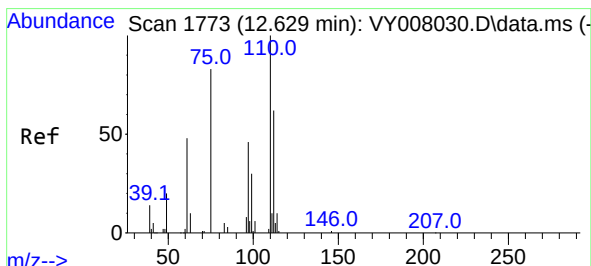
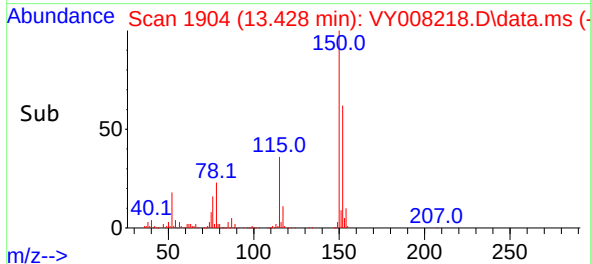
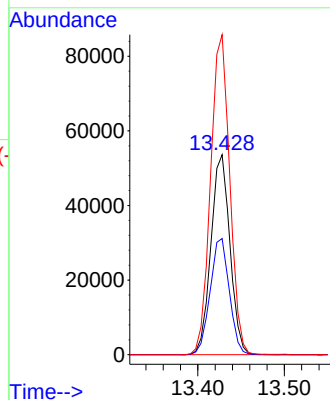
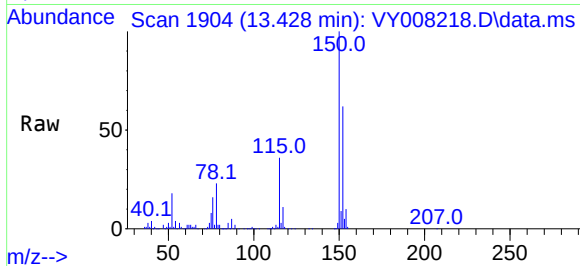




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008218.D
 Acq: 05 Apr 2022 18:34

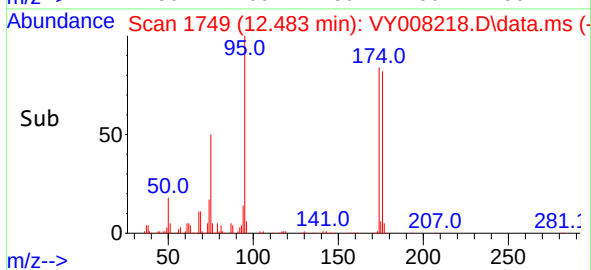
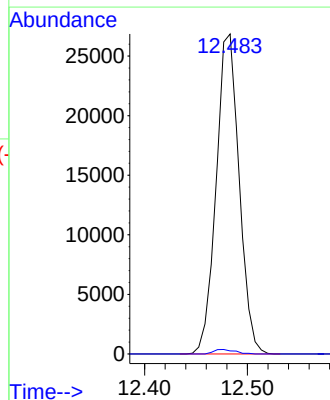
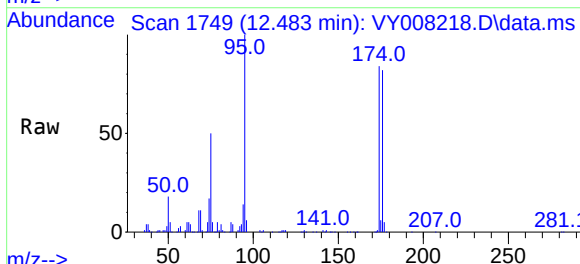
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

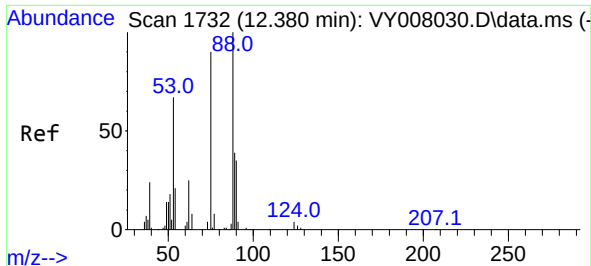
Tgt Ion:152 Resp: 81919
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 161.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.732 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008218.D
 Acq: 05 Apr 2022 18:34

Tgt Ion: 75 Resp: 41673
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.110 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008218.D
 Acq: 05 Apr 2022 18:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Tgt Ion: 75 Resp: 41673
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

