

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006580.D
 Acq On : 02 Nov 2021 16:38
 Operator : SY/MD
 Sample : M4424-09
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T4-EP04-NW

Quant Time: Nov 03 02:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

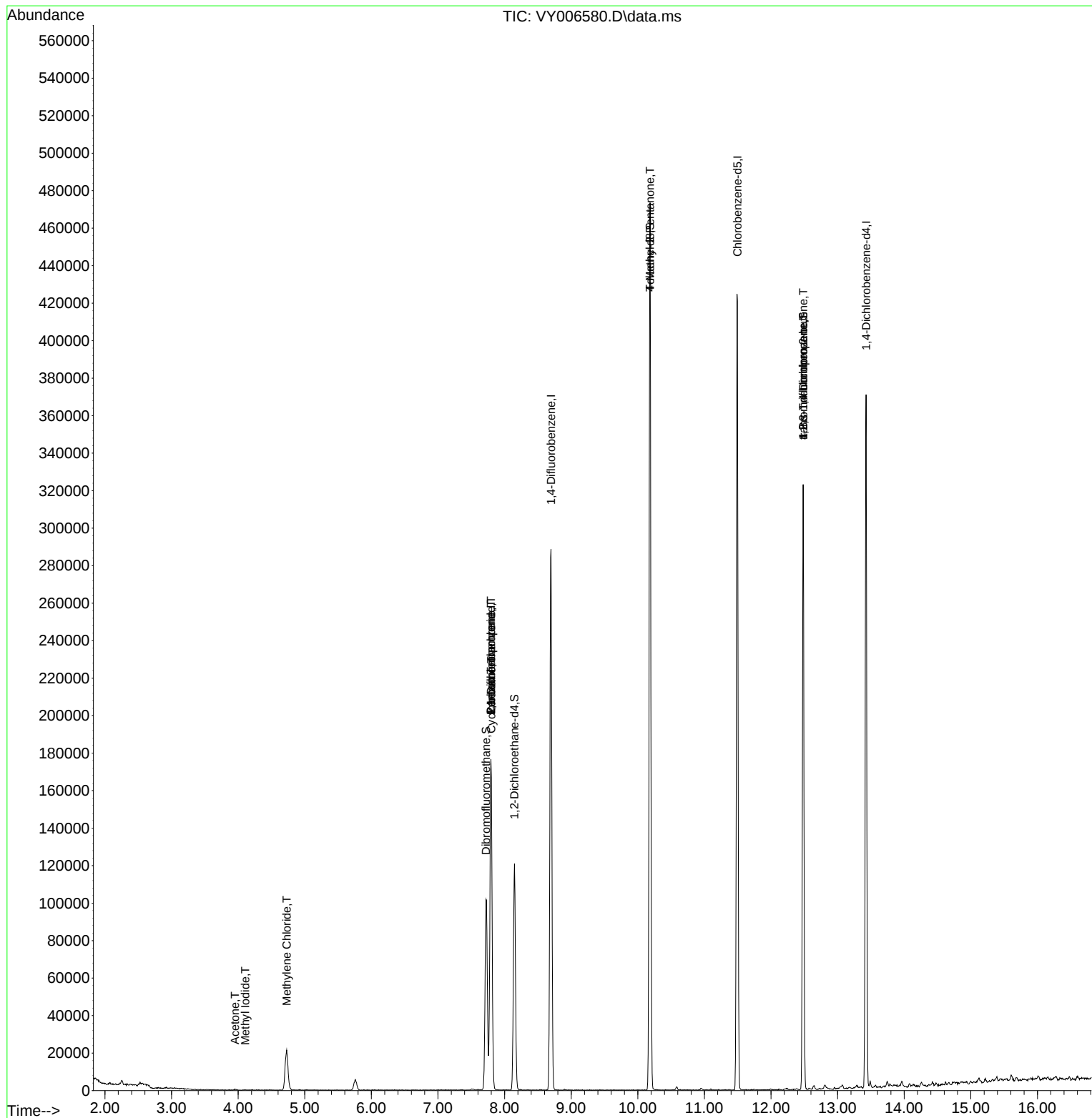
Internal Standards						
1) Pentafluorobenzene	7.795	168	134162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	229250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94915	57.491	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 114.980%		
35) Dibromofluoromethane	7.722	113	71171	55.699	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.400%		
50) Toluene-d8	10.185	98	296407	54.721	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.440%		
62) 4-Bromofluorobenzene	12.483	95	91271	50.021	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.040%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	263	5.239	ug/l #	36
16) Acetone	3.954	43	726	1.527	ug/l #	77
20) Methylene Chloride	4.729	84	14492	6.299	ug/l	94
31) Cyclohexane	7.801	56	3378	1.264	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	11008	4.860	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13197	5.281	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1508	1.034	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52273	58.487	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52273	120.072	ug/l #	7

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

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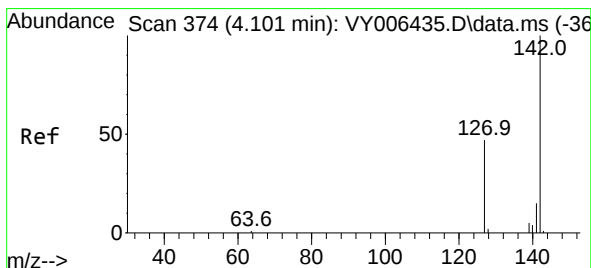
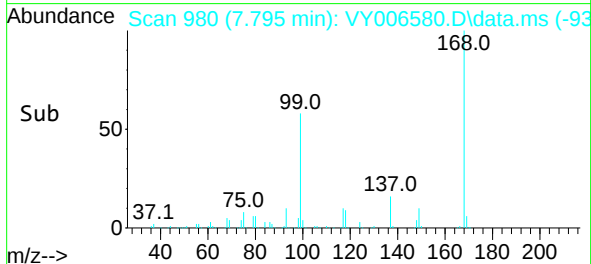
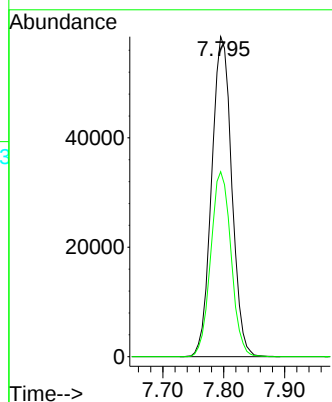
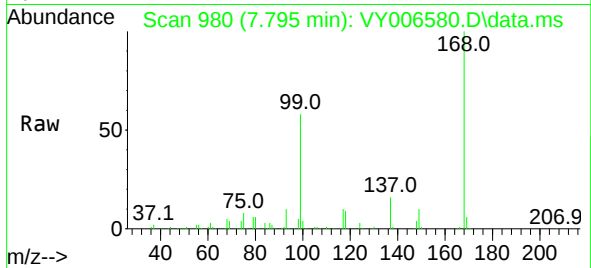




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

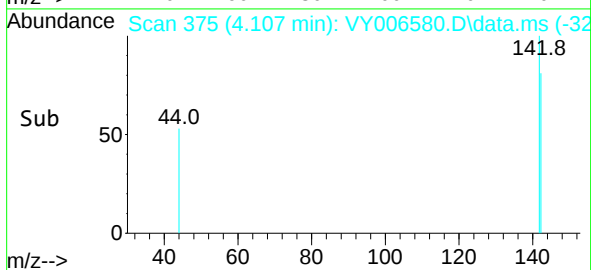
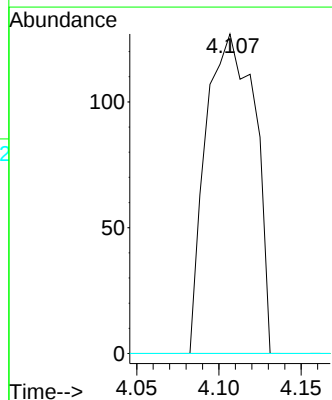
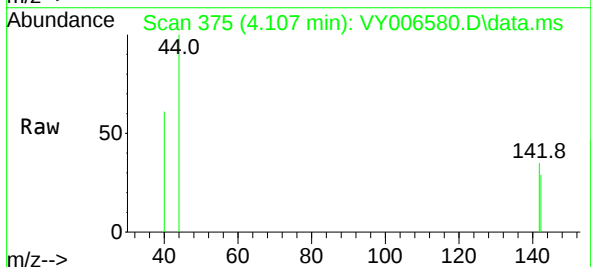
Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW

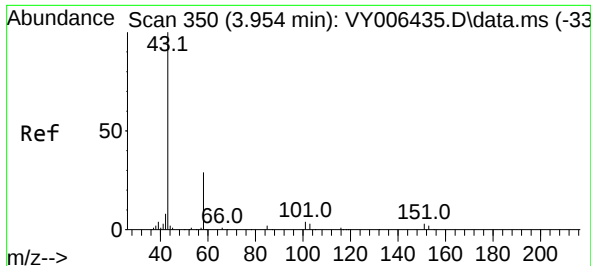
Tgt Ion:168 Resp: 134162
Ion Ratio Lower Upper
168 100
99 57.8 44.8 67.2



#10
Methyl Iodide
Concen: 5.239 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Tgt Ion:142 Resp: 263
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#16

Acetone

Concen: 1.527 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006580.D

Acq: 02 Nov 2021 16:38

Instrument :

MSVOA_Y

ClientSampleId :

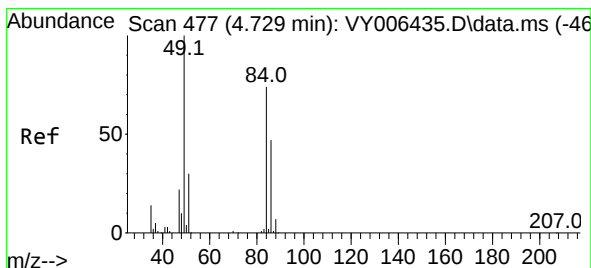
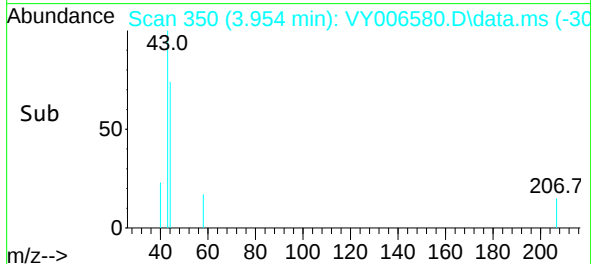
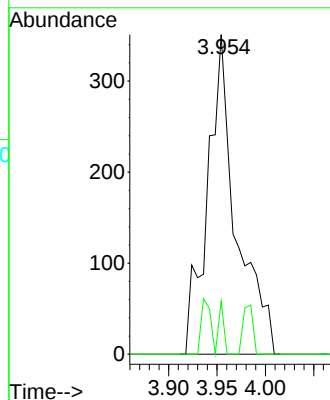
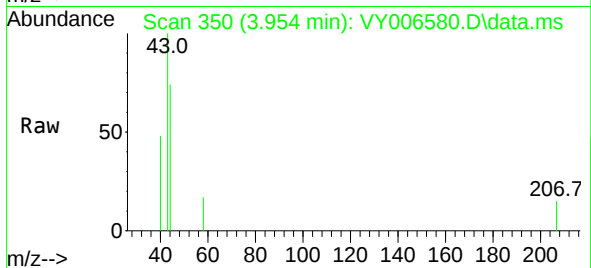
T4-EP04-NW

Tgt Ion: 43 Resp: 726

Ion Ratio Lower Upper

43 100

58 16.5 22.9 34.3#



#20

Methylene Chloride

Concen: 6.299 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY006580.D

Acq: 02 Nov 2021 16:38

Tgt Ion: 84 Resp: 14492

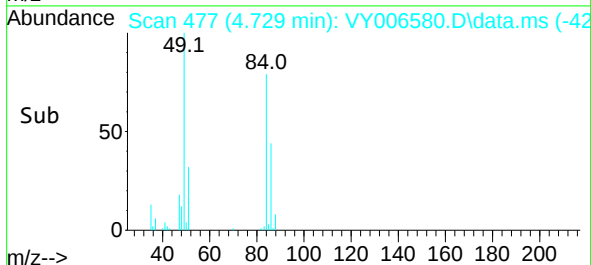
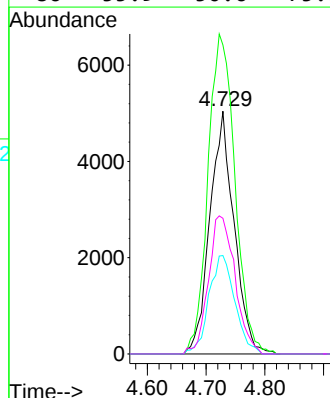
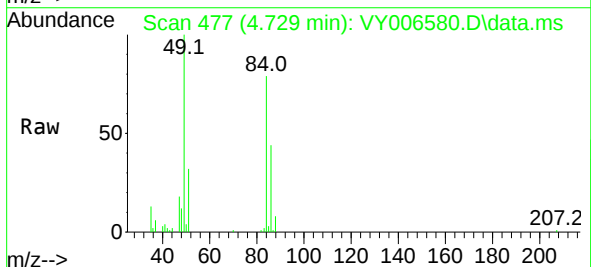
Ion Ratio Lower Upper

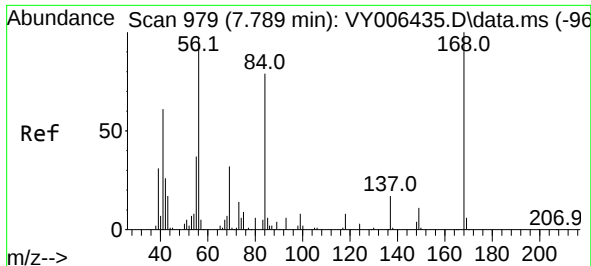
84 100

49 127.3 107.8 161.8

51 40.5 32.8 49.2

86 55.9 50.6 75.8

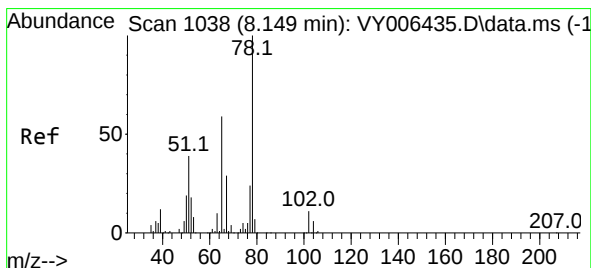
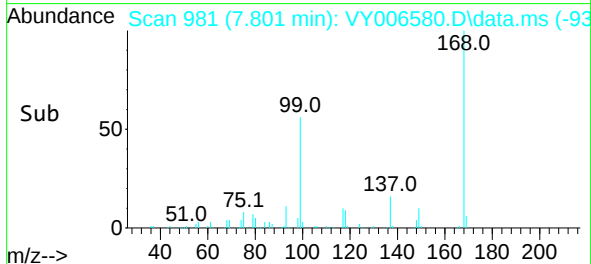
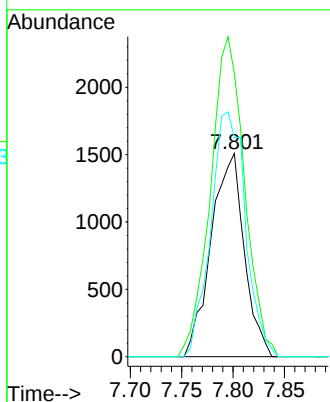
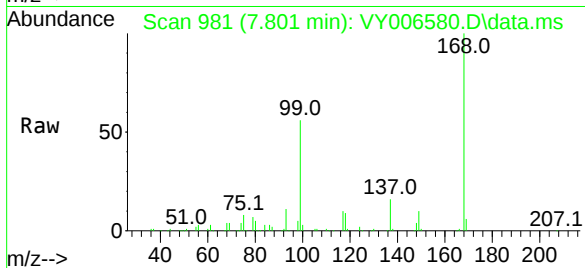




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

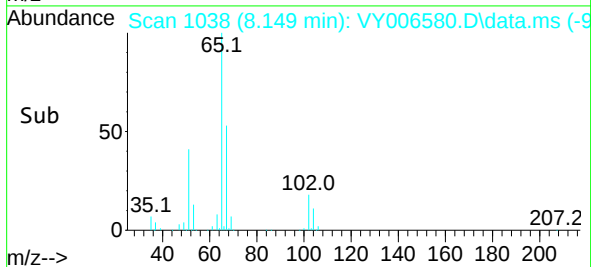
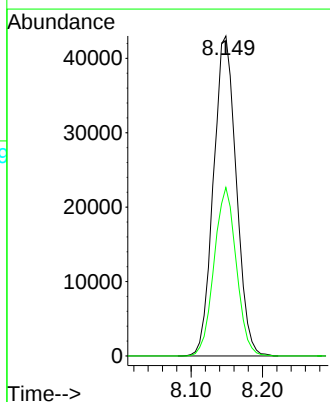
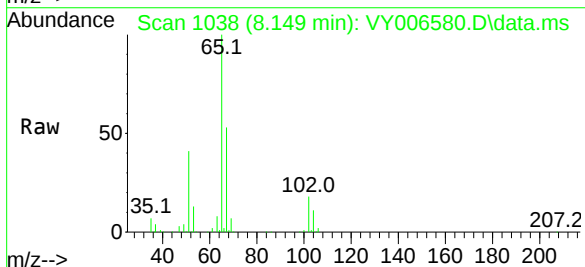
Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW

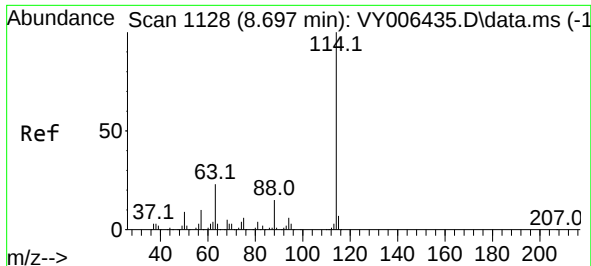
Tgt Ion: 56 Resp: 3378
Ion Ratio Lower Upper
56 100
69 139.4 26.6 40.0#
84 107.6 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 57.491 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Tgt Ion: 65 Resp: 94915
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.2

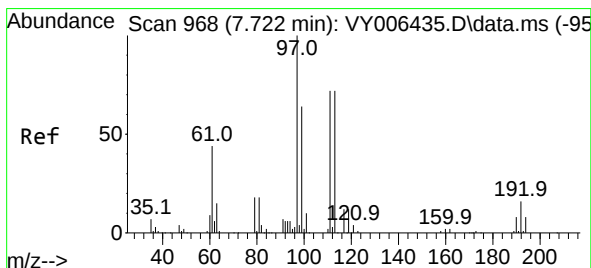
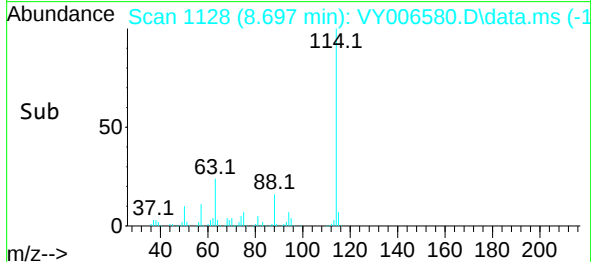
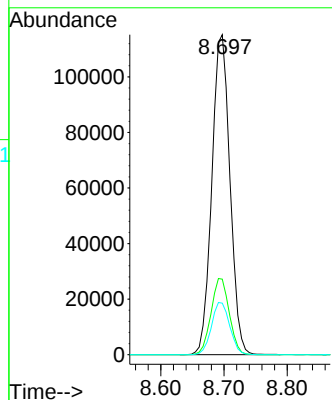
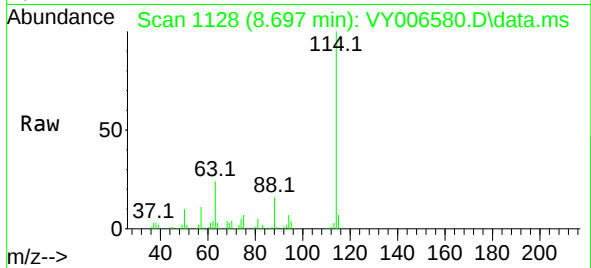




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

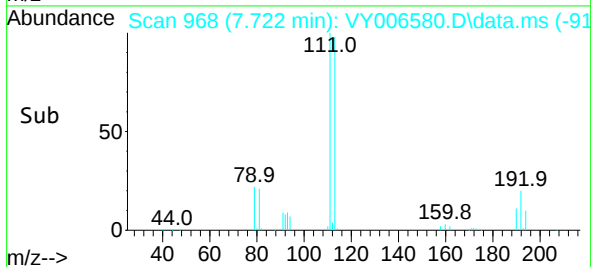
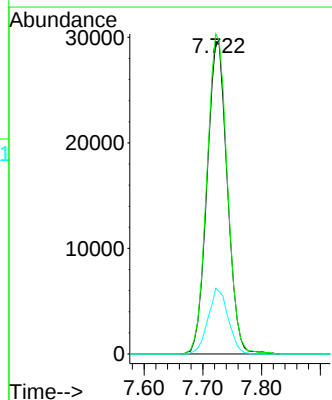
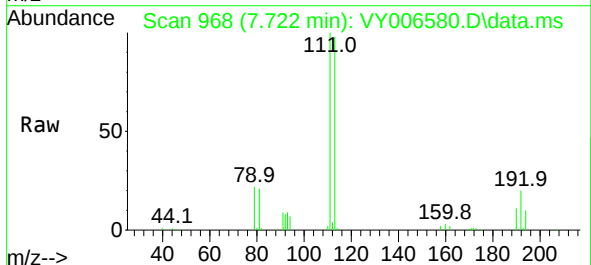
Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW

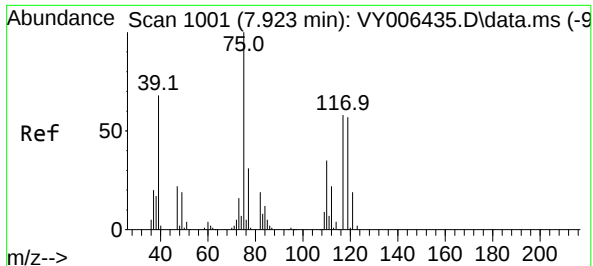
Tgt Ion:114 Resp: 229250
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.0
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.699 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Tgt Ion:113 Resp: 71171
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.7 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006580.D

Acq: 02 Nov 2021 16:38

Instrument :

MSVOA_Y

ClientSampleId :

T4-EP04-NW

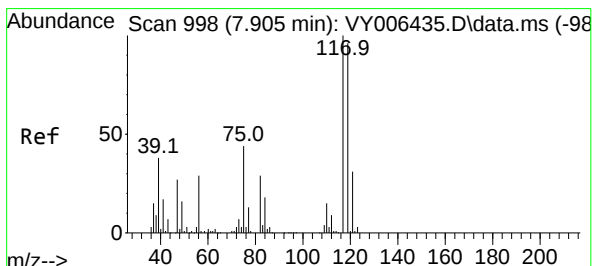
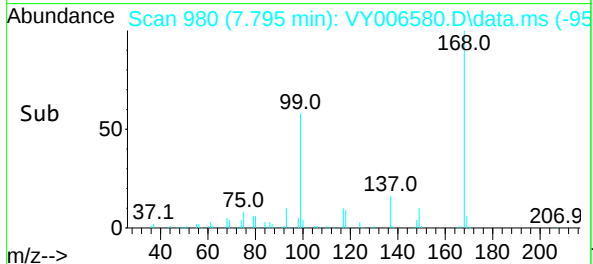
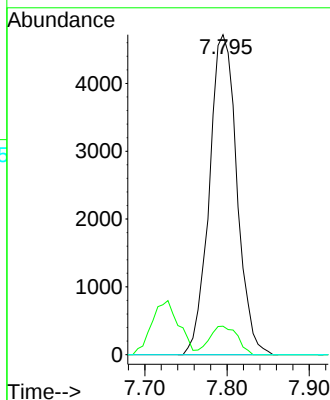
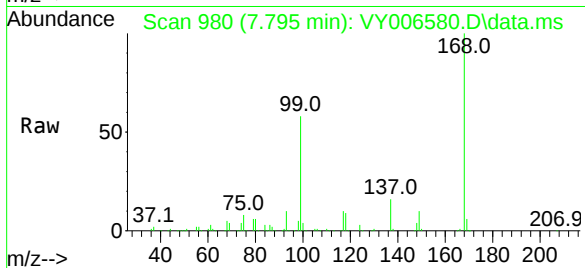
Tgt Ion: 75 Resp: 11008

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006580.D

Acq: 02 Nov 2021 16:38

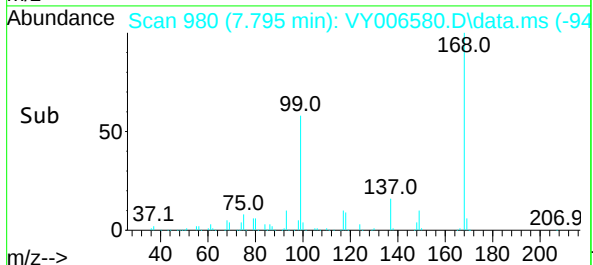
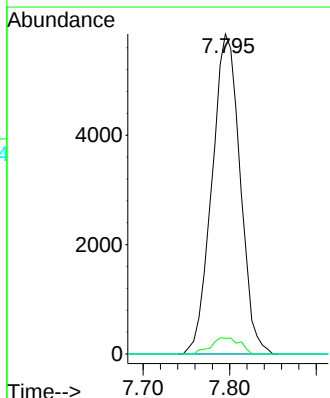
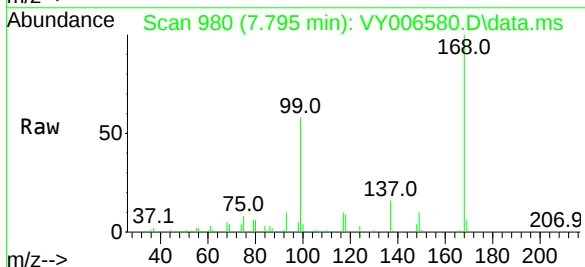
Tgt Ion: 117 Resp: 13197

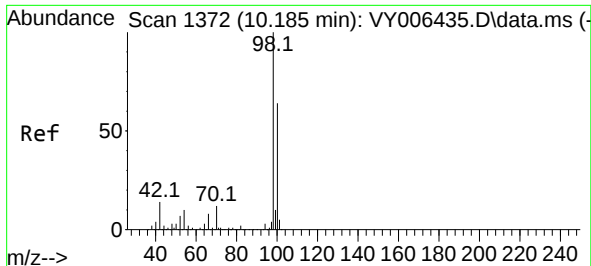
Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

121 0.0 24.7 37.1#

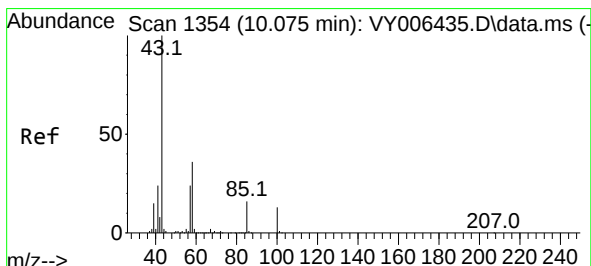
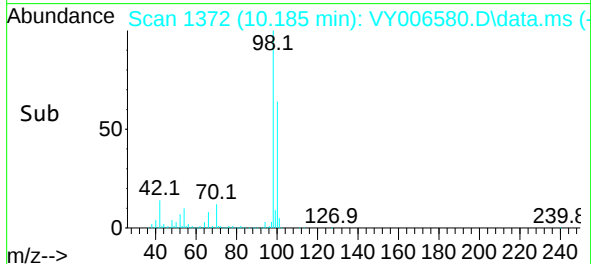
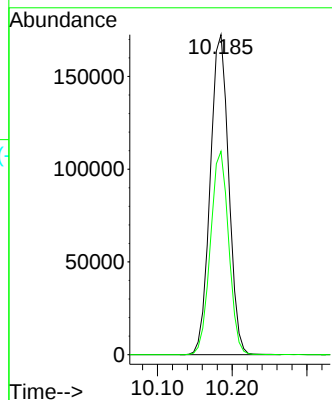
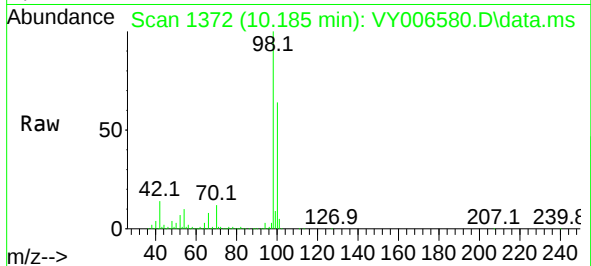




#50
Toluene-d8
Concen: 54.721 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

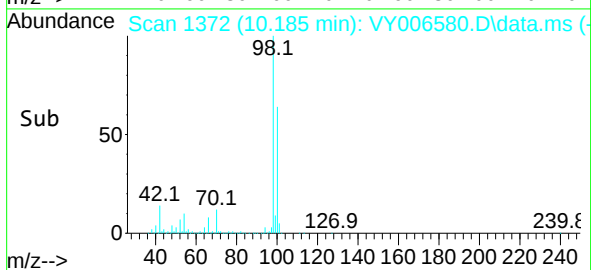
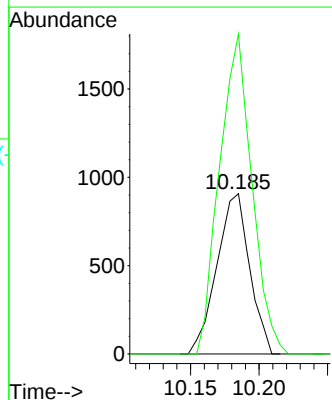
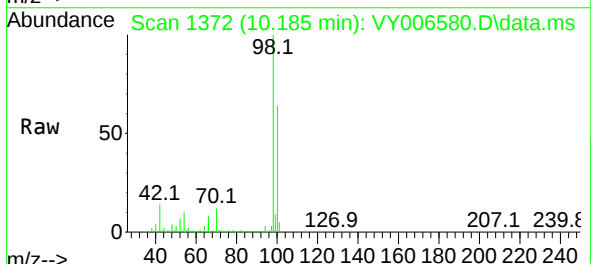
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T4-EP04-NW

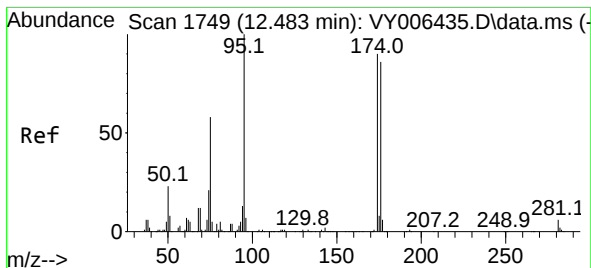
Tgt Ion: 98 Resp: 296407
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 197.6 28.7 43.1#

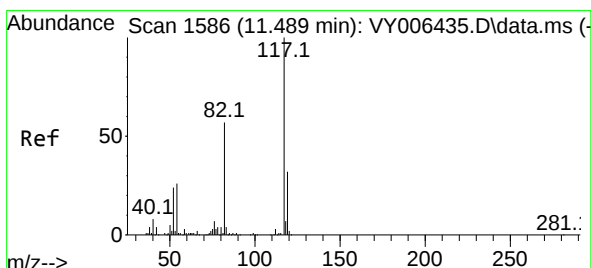
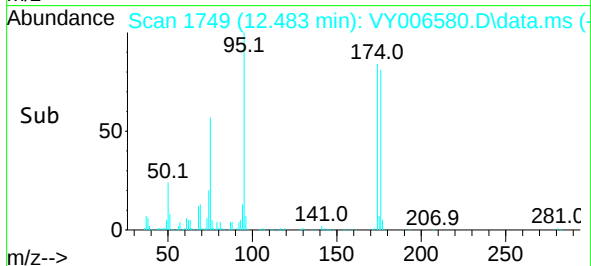
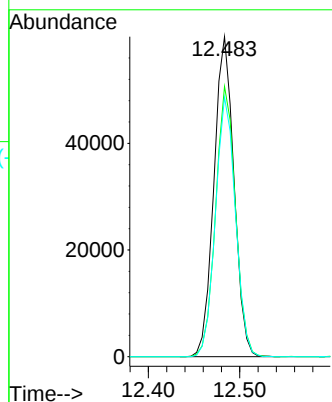
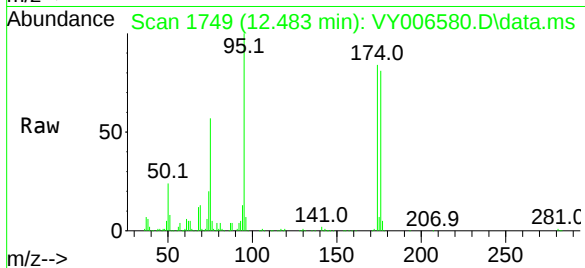




#62
4-Bromofluorobenzene
Concen: 50.021 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

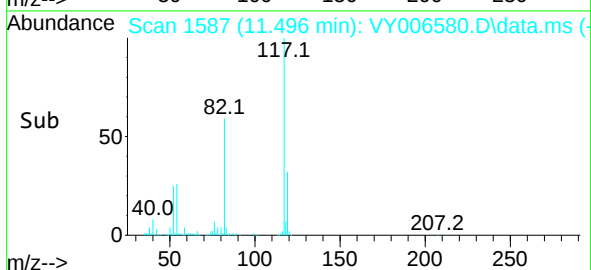
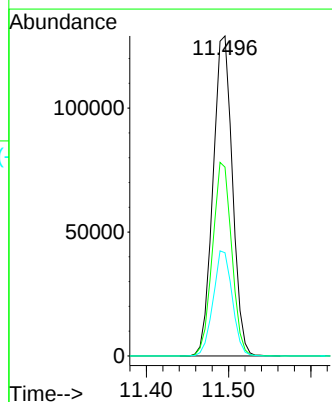
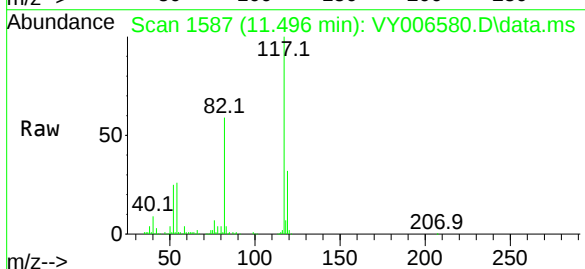
Instrument :
MSVOA_Y
ClientSampleId :
T4-EP04-NW

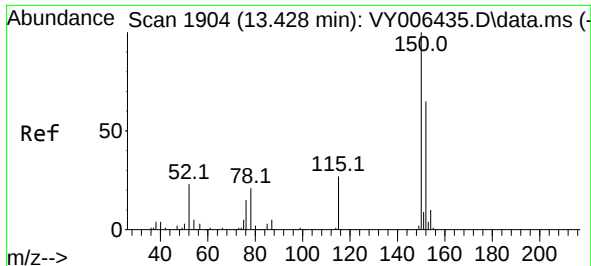
Tgt Ion: 95 Resp: 91271
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006580.D
Acq: 02 Nov 2021 16:38

Tgt Ion: 117 Resp: 211590
Ion Ratio Lower Upper
117 100
82 59.0 45.7 68.5
119 32.2 25.5 38.3

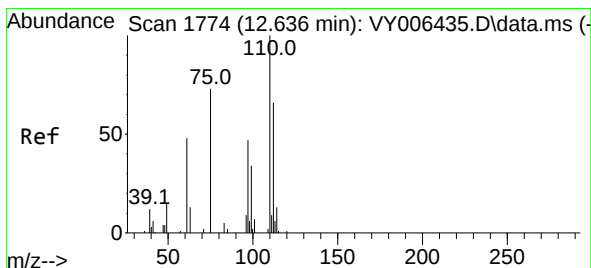
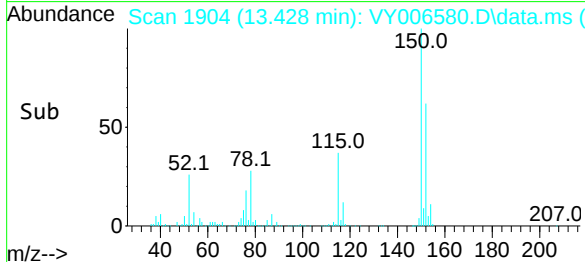
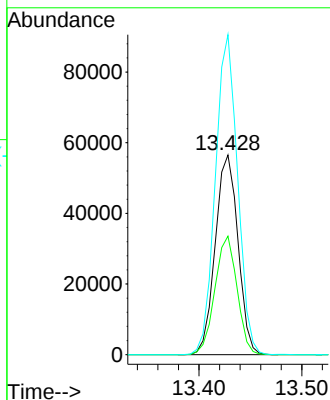
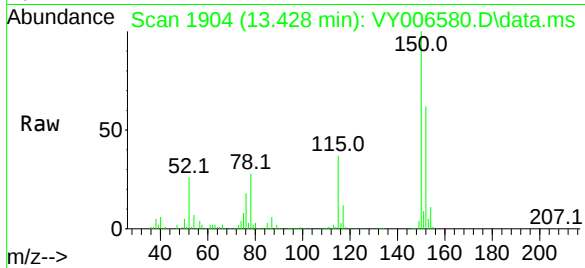




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006580.D
 Acq: 02 Nov 2021 16:38

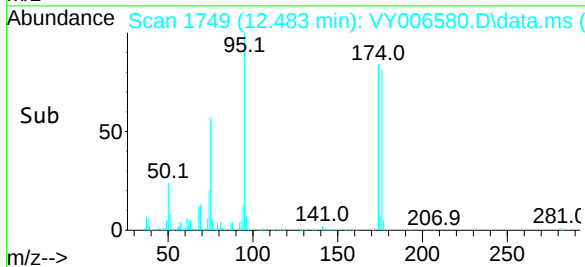
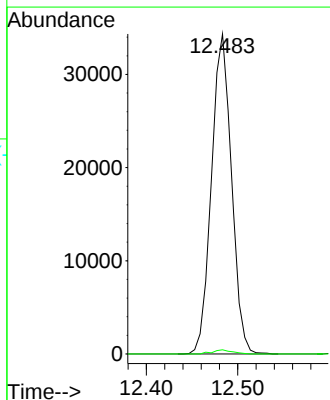
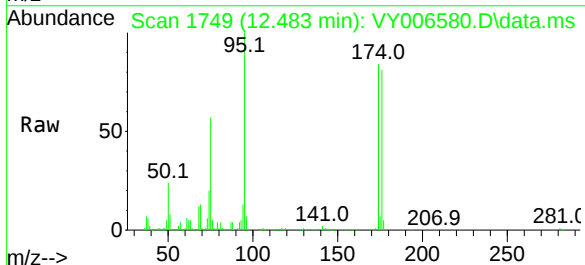
Instrument :
 MSVOA_Y
 ClientSampleId :
 T4-EP04-NW

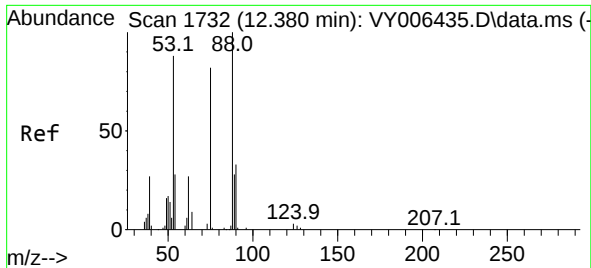
Tgt Ion:152 Resp: 86732
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.5 85.5
 150 156.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 58.487 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006580.D
 Acq: 02 Nov 2021 16:38

Tgt Ion: 75 Resp: 52273
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.072 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006580.D
 Acq: 02 Nov 2021 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 T4-EP04-NW

Tgt Ion: 75 Resp: 52273
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.0 39.3 58.9#

