

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008566.D
 Acq On : 29 Apr 2022 17:57
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 30 00:39:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

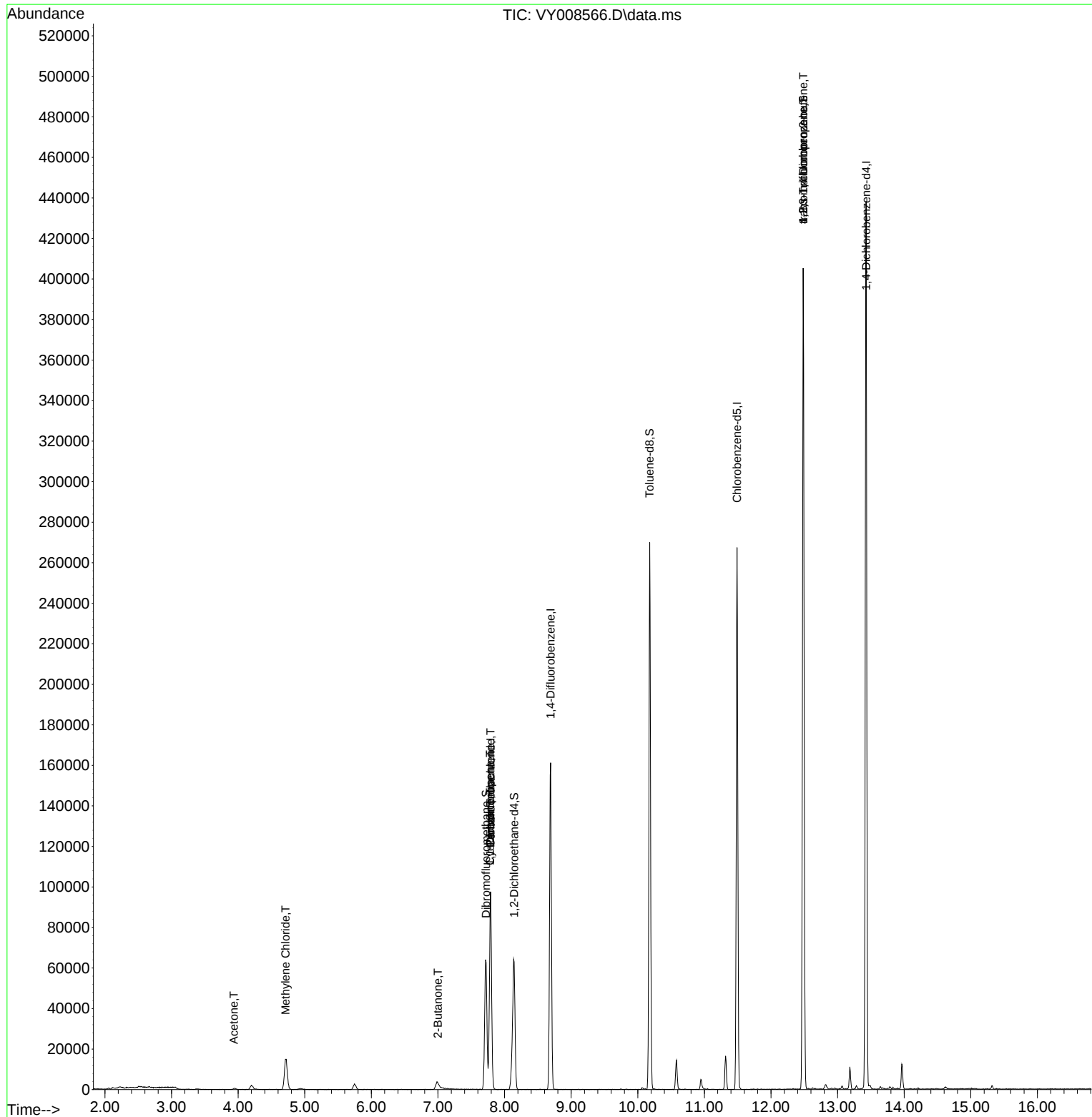
Internal Standards						
1) Pentafluorobenzene	7.789	168	73455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	144333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44992	52.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.120%	
35) Dibromofluoromethane	7.722	113	45220	50.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.300%	
50) Toluene-d8	10.179	98	174708	48.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.360%	
62) 4-Bromofluorobenzene	12.483	95	100895	83.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 166.220%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	672	Below Cal	#	77
16) Acetone	3.936	43	1193	5.926	ug/l #	84
20) Methylene Chloride	4.710	84	11969	6.003	ug/l #	75
25) 2-Butanone	6.997	43	398	1.278	ug/l #	54
31) Cyclohexane	7.783	56	1583	1.114	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	6146	4.285	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7712	5.176	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	50683	31.985	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50683	74.203	ug/l #	7

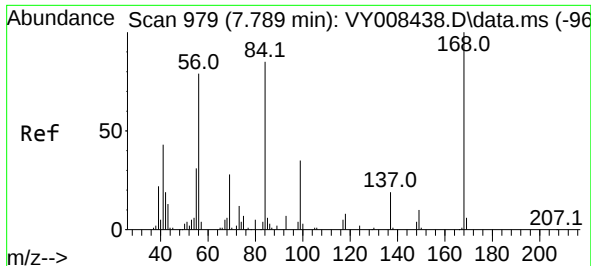
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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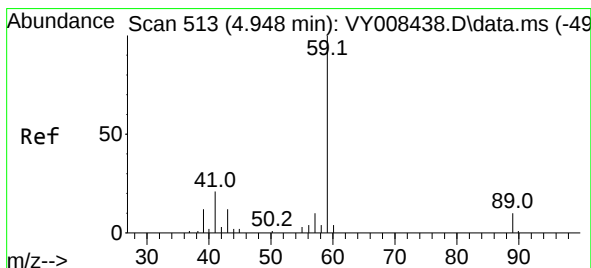
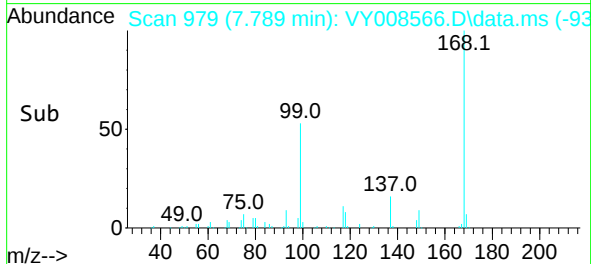
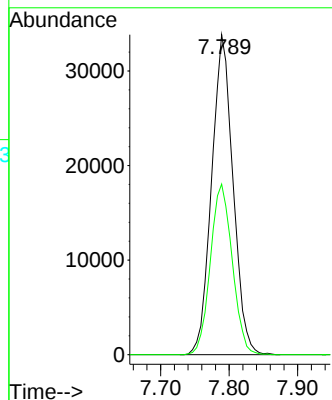
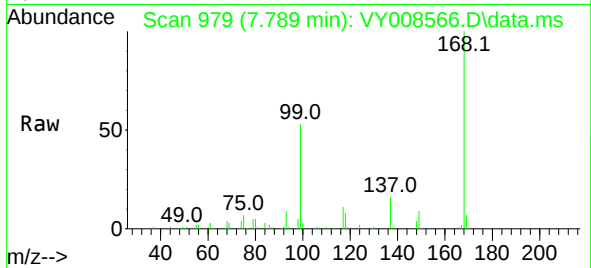




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

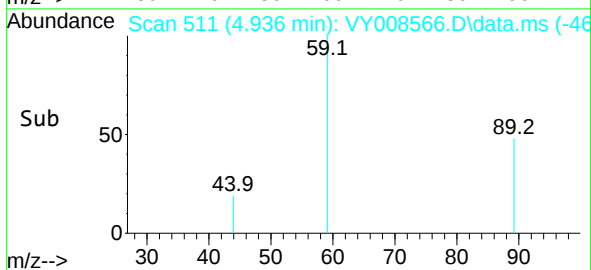
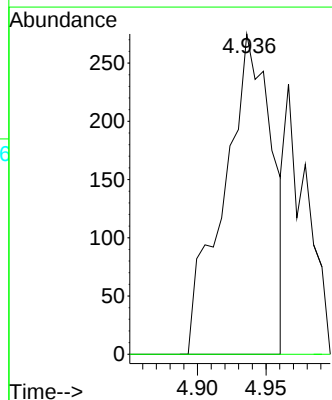
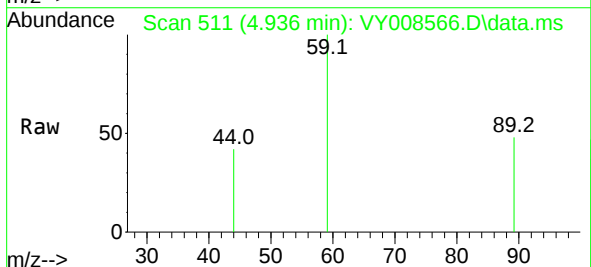
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

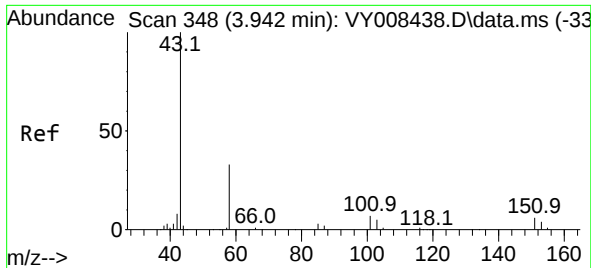
Tgt Ion:168 Resp: 73455
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

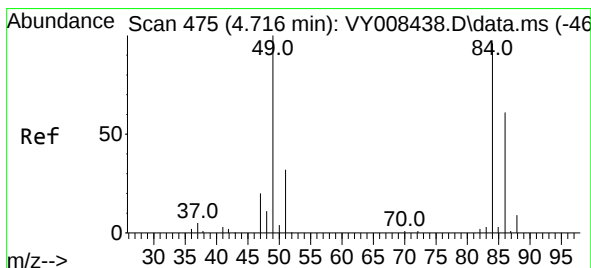
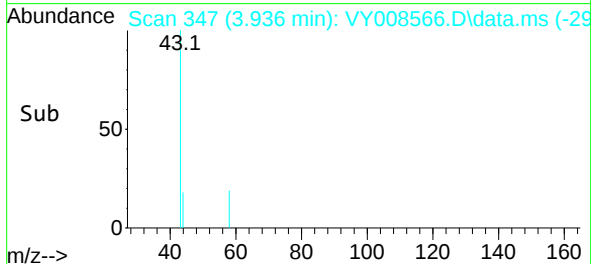
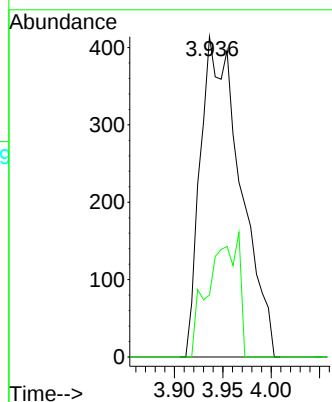
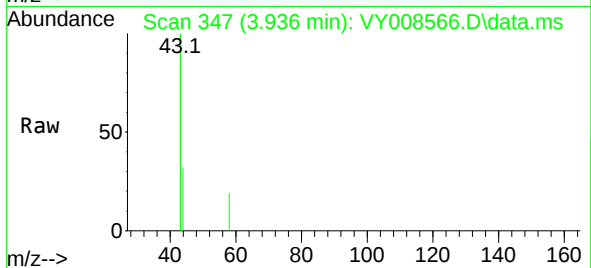




#16
Acetone
Concen: 5.926 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

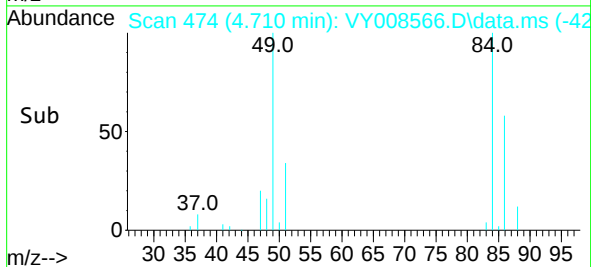
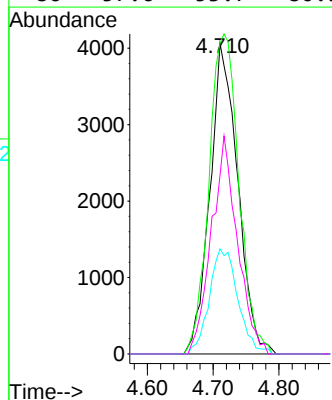
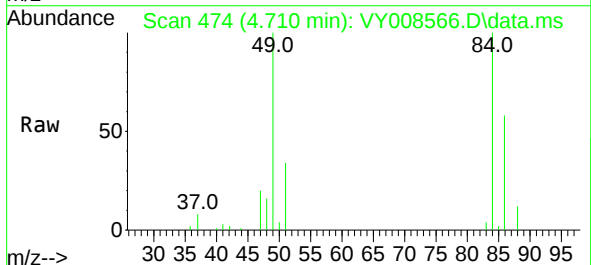
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

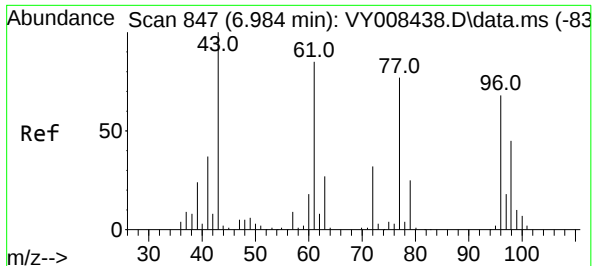
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 19.3 22.0 33.0#



#20
Methylene Chloride
Concen: 6.003 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

Tgt Ion: 84 Resp: 11969
Ion Ratio Lower Upper
84 100
49 100.0 114.4 171.6#
51 33.9 35.3 52.9#
86 57.6 53.7 80.5





#25

2-Butanone

Concen: 1.278 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.013 min

Lab File: VY008566.D

Acq: 29 Apr 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

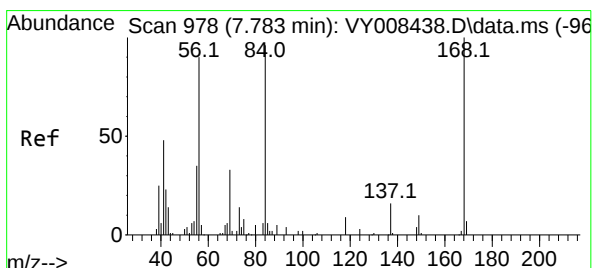
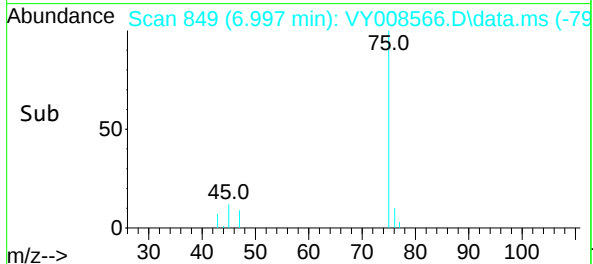
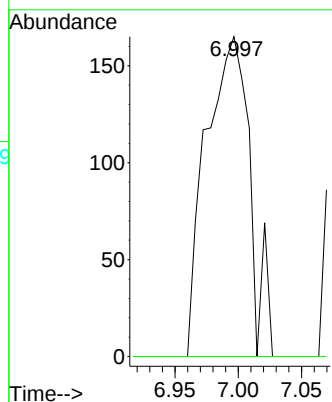
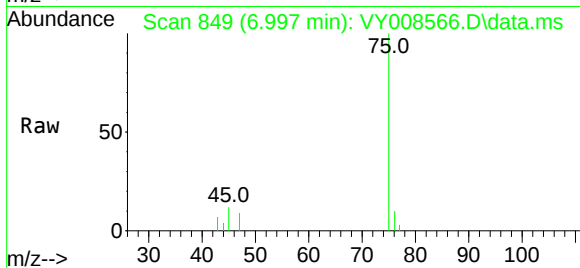
VIBLK

Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.114 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008566.D

Acq: 29 Apr 2022 17:57

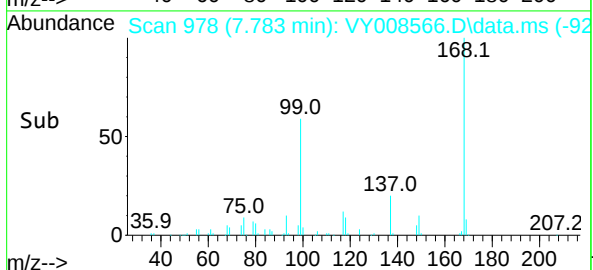
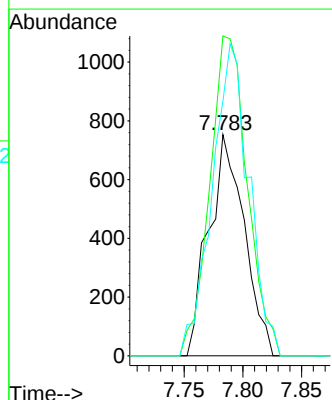
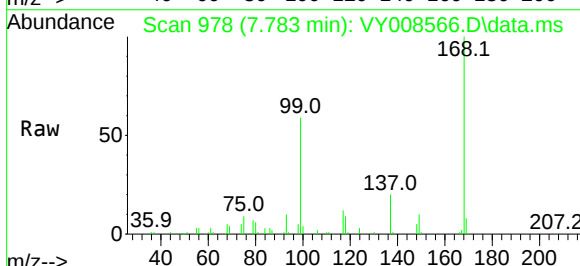
Tgt Ion: 56 Resp: 1583

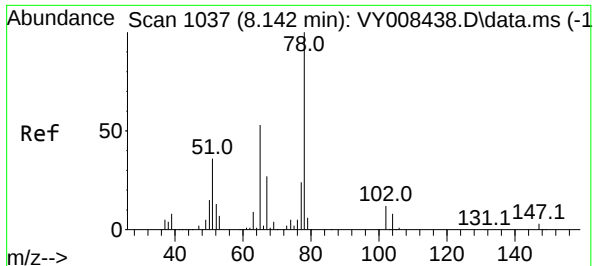
Ion Ratio Lower Upper

56 100

69 144.6 26.7 40.1#

84 115.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.057 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008566.D

Acq: 29 Apr 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

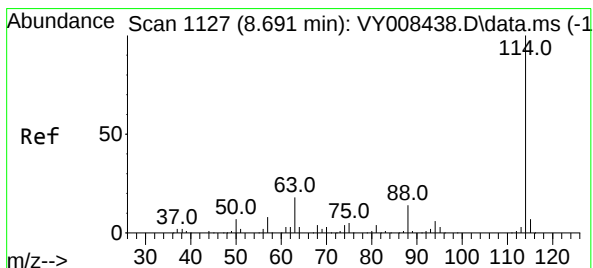
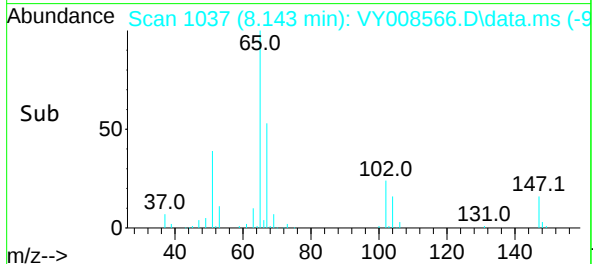
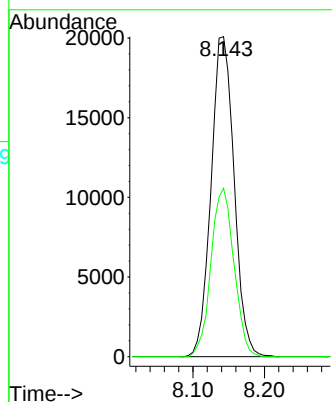
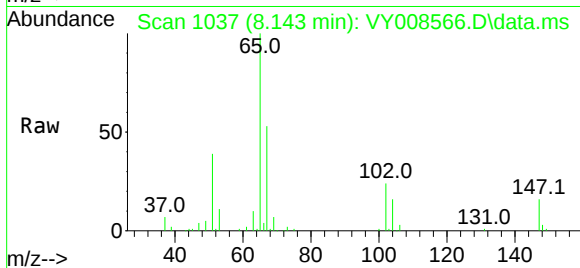
VIBLK

Tgt Ion: 65 Resp: 44992

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008566.D

Acq: 29 Apr 2022 17:57

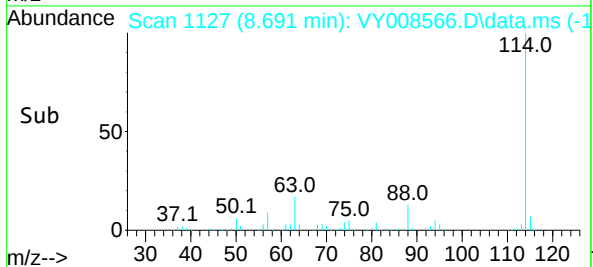
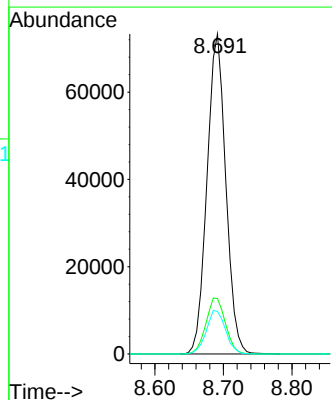
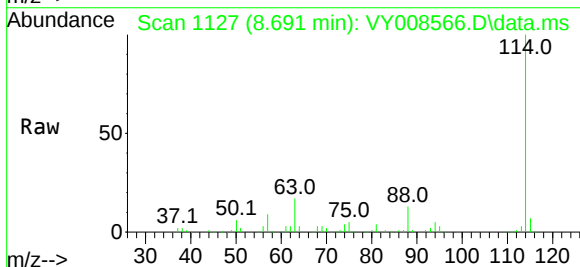
Tgt Ion: 114 Resp: 139701

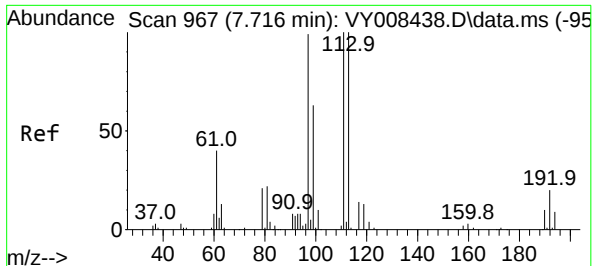
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

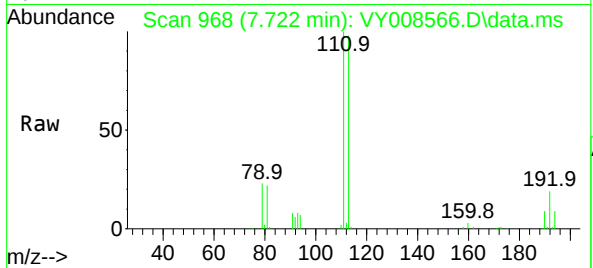
88 13.3 0.0 31.8



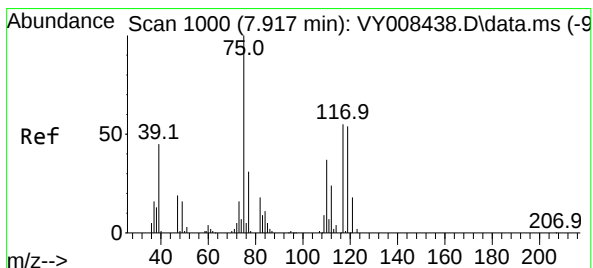
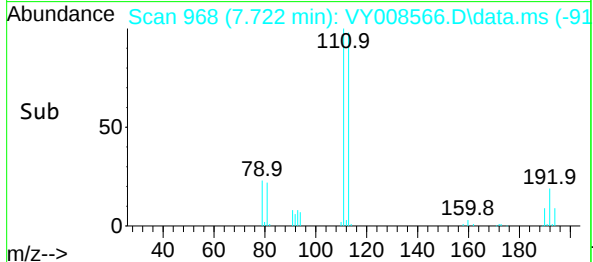
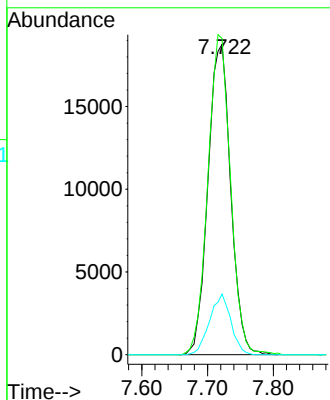


#35
 Dibromofluoromethane
 Concen: 50.155 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY008566.D
 Acq: 29 Apr 2022 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

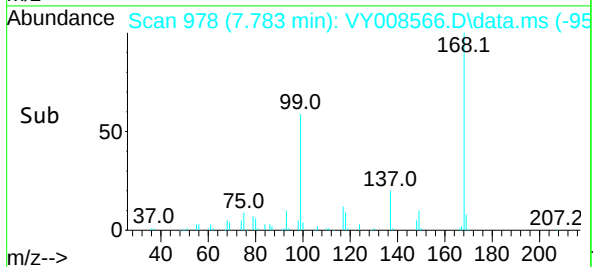
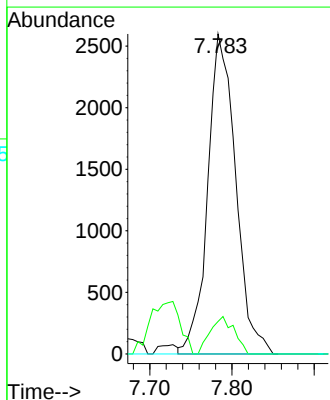
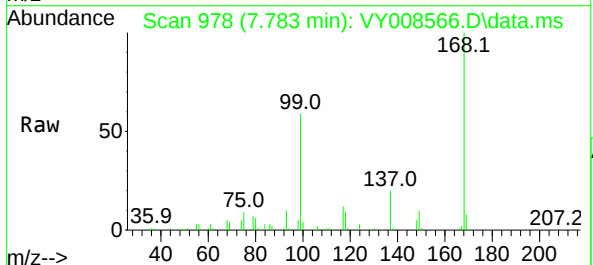


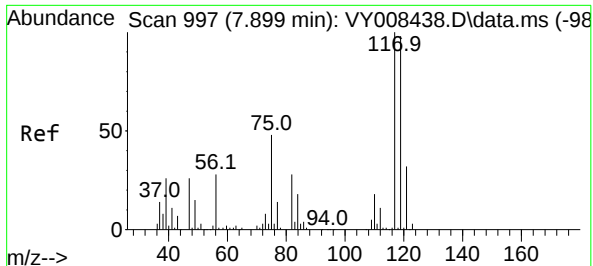
Tgt Ion:113 Resp: 45220
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 124.0
 192 18.2 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 4.285 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY008566.D
 Acq: 29 Apr 2022 17:57

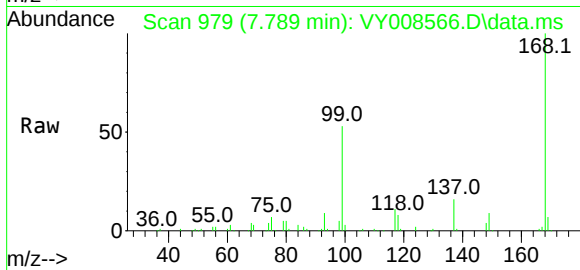
Tgt Ion: 75 Resp: 6146
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.1 51.2#
 77 0.0 24.4 36.6#



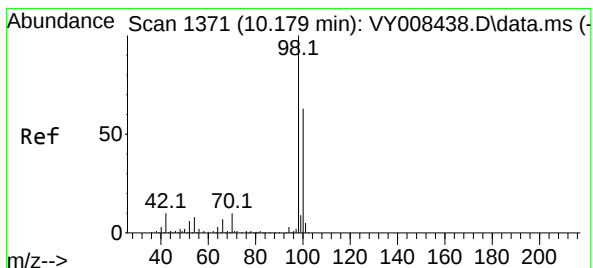
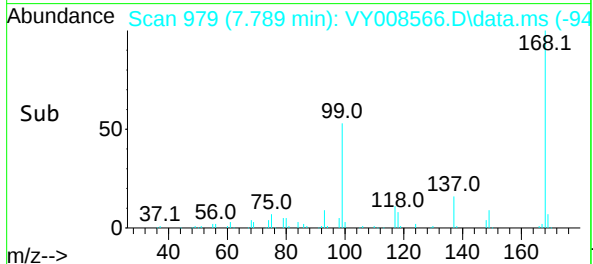
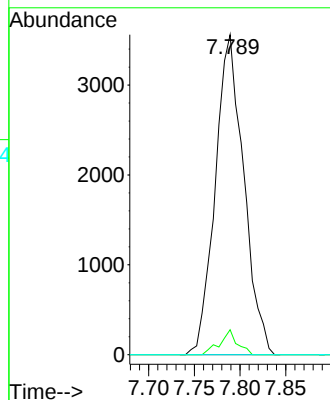


#38
Carbon Tetrachloride
Concen: 5.176 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

Instrument :
MSVOA_Y
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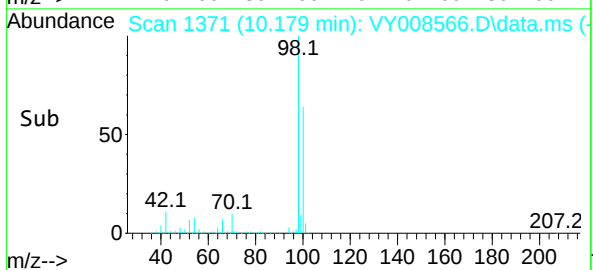
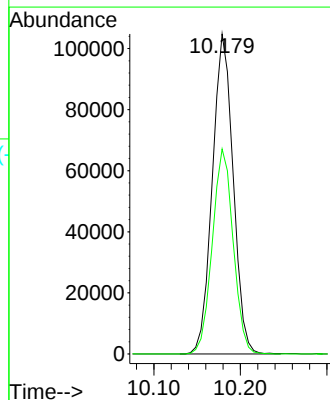
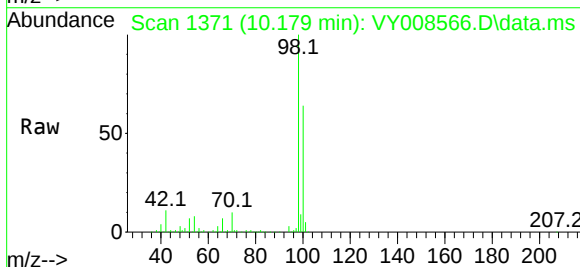


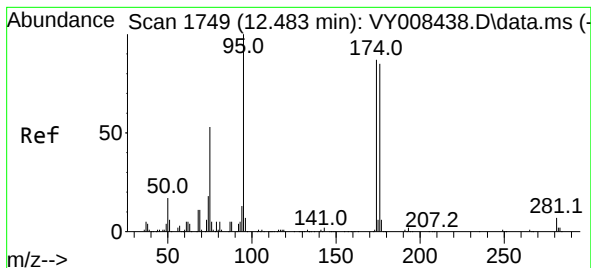
Tgt Ion:117 Resp: 7712
Ion Ratio Lower Upper
117 100
119 7.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.684 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

Tgt Ion: 98 Resp: 174708
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

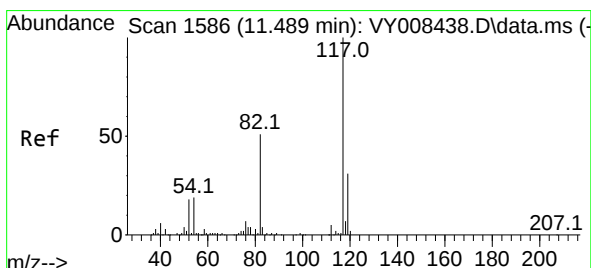
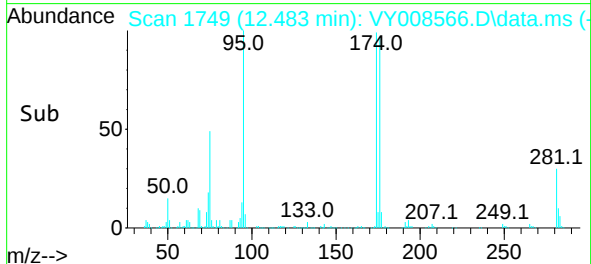
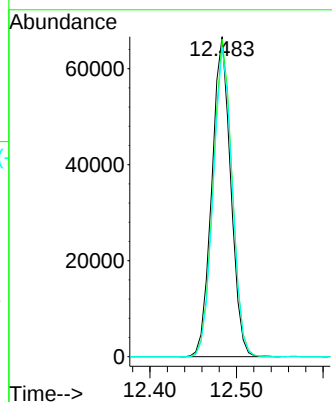
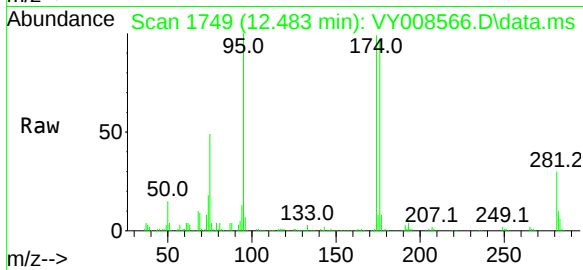




#62
4-Bromofluorobenzene
Concen: 83.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

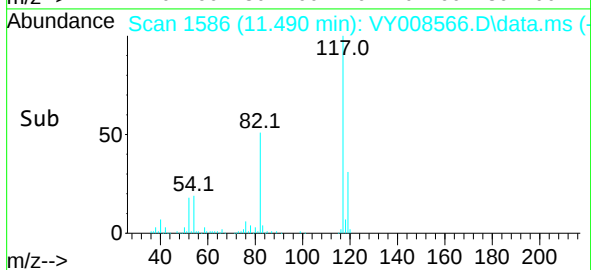
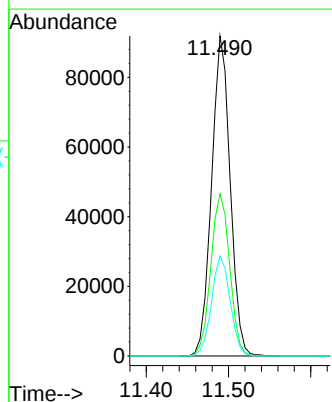
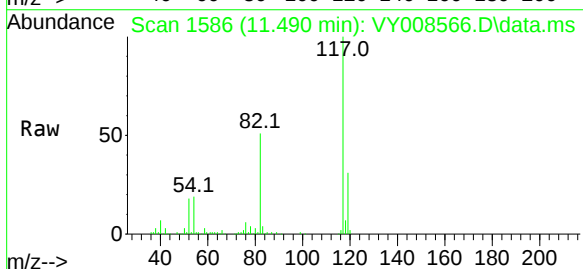
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

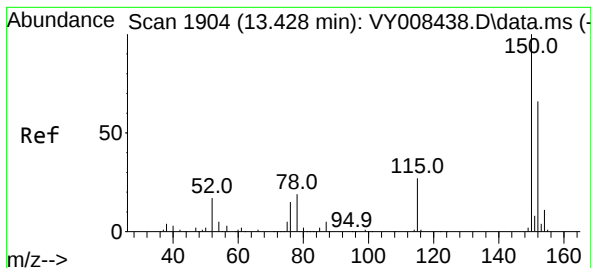
Tgt Ion: 95 Resp: 100895
Ion Ratio Lower Upper
95 100
174 100.0 0.0 177.0
176 96.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008566.D
Acq: 29 Apr 2022 17:57

Tgt Ion: 117 Resp: 144333
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.3 25.4 38.0

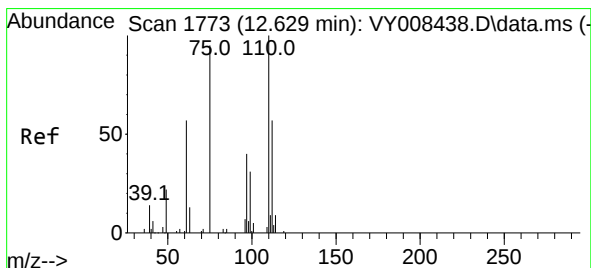
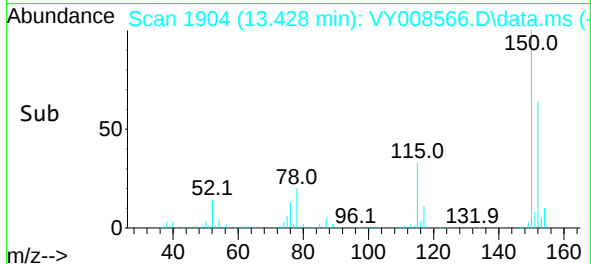
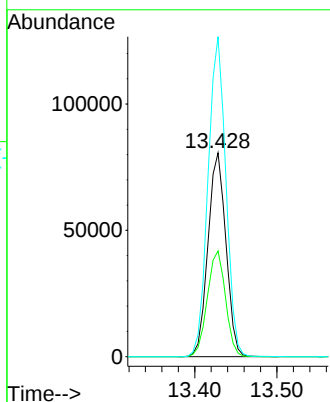
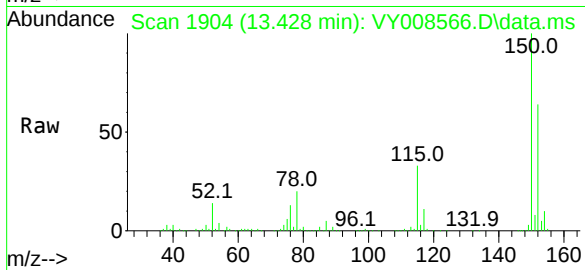




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008566.D
 Acq: 29 Apr 2022 17:57

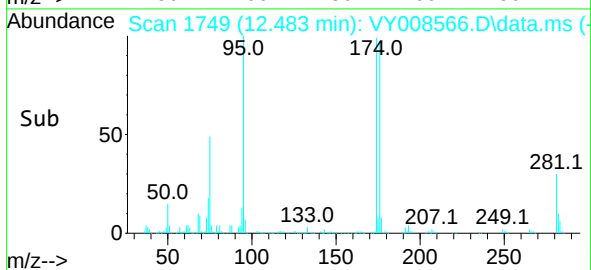
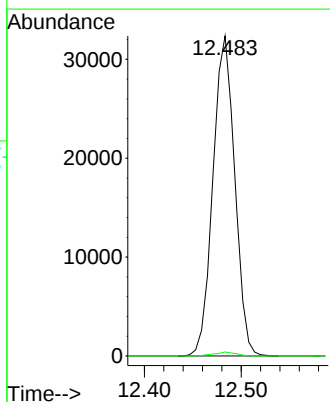
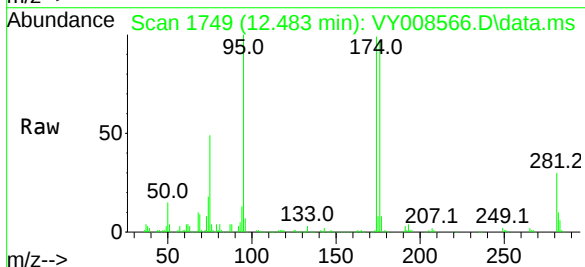
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

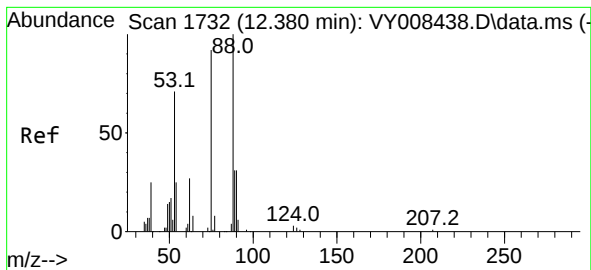
Tgt Ion:152 Resp: 122439
 Ion Ratio Lower Upper
 152 100
 115 52.5 28.2 84.7
 150 155.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 31.985 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008566.D
 Acq: 29 Apr 2022 17:57

Tgt Ion: 75 Resp: 50683
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.203 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008566.D
 Acq: 29 Apr 2022 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 50683
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.3 37.0 55.4#

