

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012965.D
 Acq On : 16 Mar 2023 12:56
 Operator : KP/MD
 Sample : 01924-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT26700

Quant Time: Mar 17 01:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

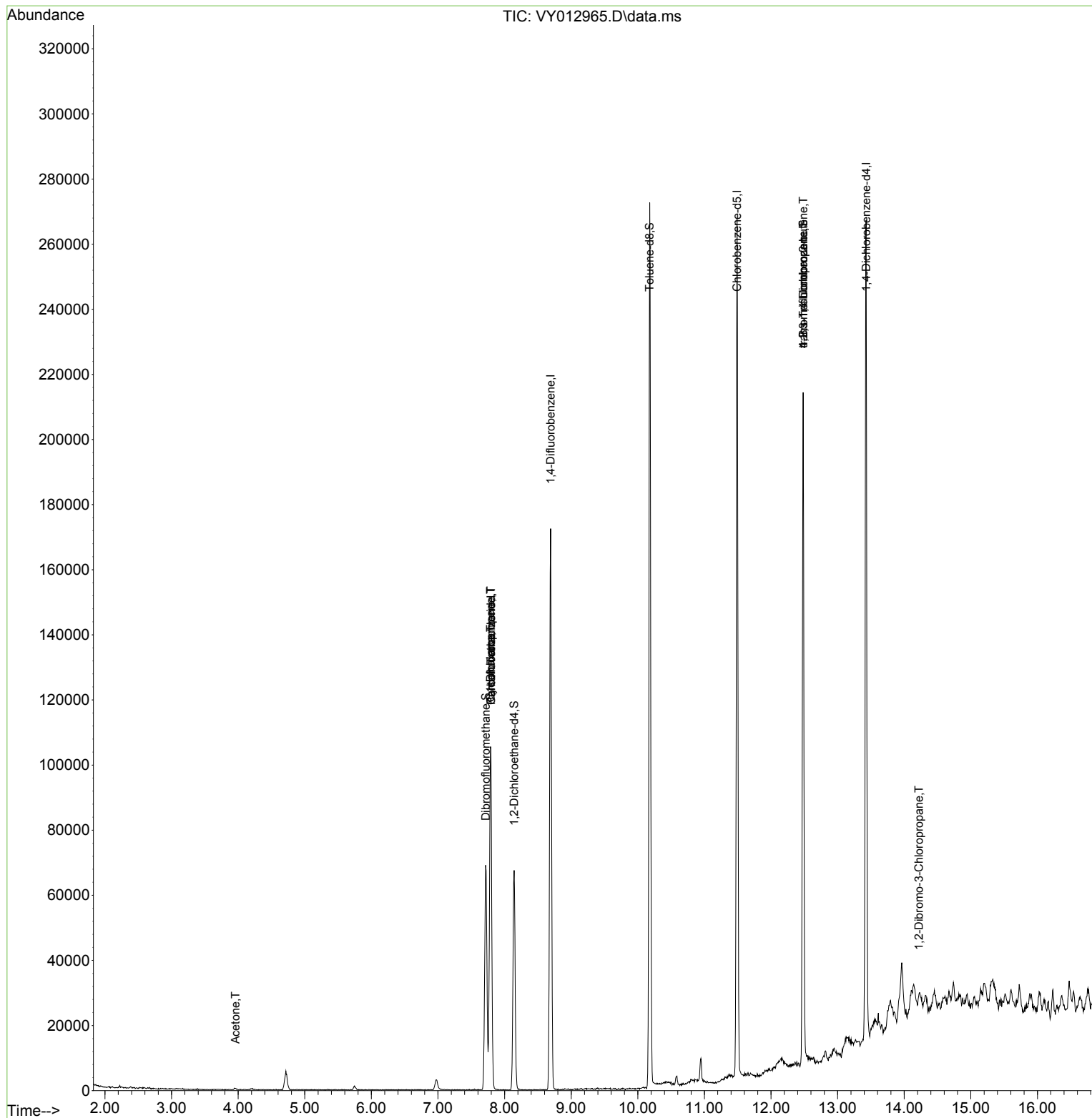
Internal Standards						
1) Pentafluorobenzene	7.795	168	84105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53189	63.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.400%
35) Dibromofluoromethane	7.716	113	48563	56.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.040%
50) Toluene-d8	10.179	98	176580	55.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.440%
62) 4-Bromofluorobenzene	12.483	95	60352	56.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	21	Below Cal	#	74
16) Acetone	3.960	43	720	2.197	ug/l	94
20) Methylene Chloride	4.728	84	3771	Below Cal	#	83
31) Cyclohexane	7.789	56	1744	1.090	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	6432	4.428	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	8130	5.420	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	31914	41.190	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	31914	85.347	ug/l	# 13
92) 1,2-Dibromo-3-Chloropr...	14.221	75	199	1.191	ug/l	# 1

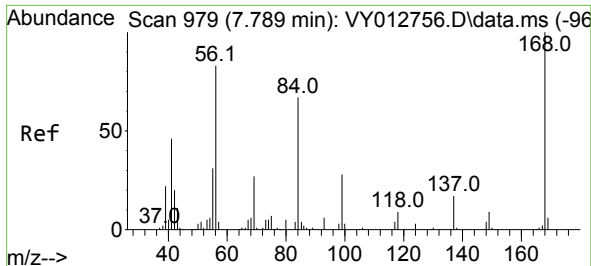
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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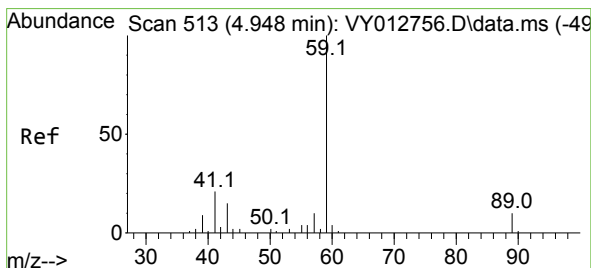
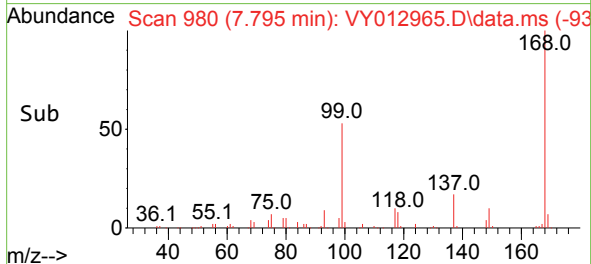
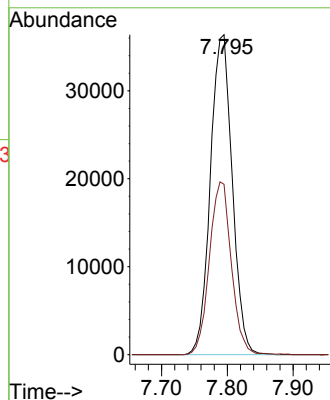
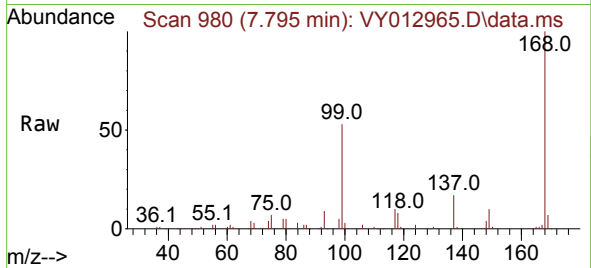




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

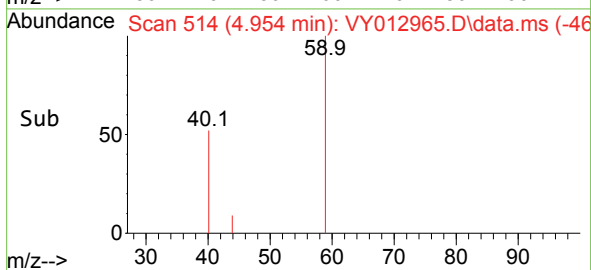
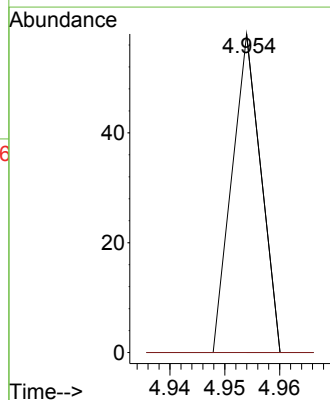
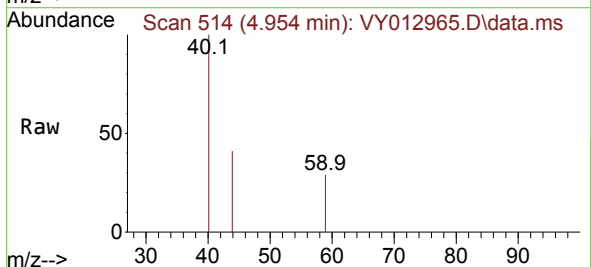
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26700

Tgt Ion:168 Resp: 84105
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

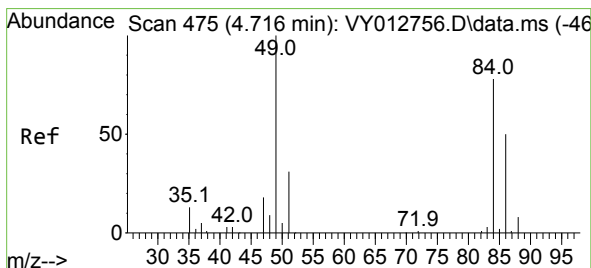
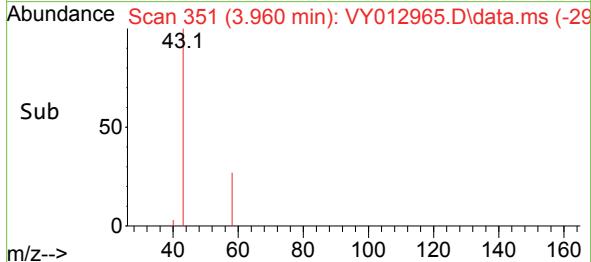
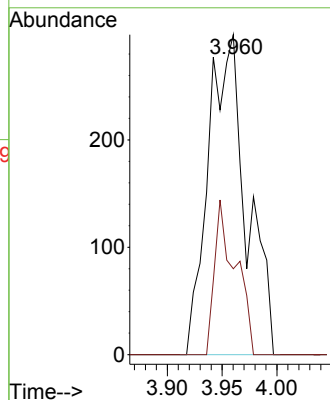
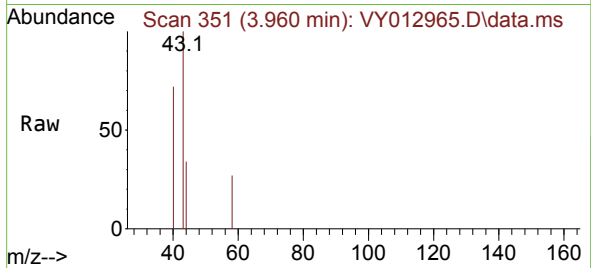




#16
Acetone
Concen: 2.197 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

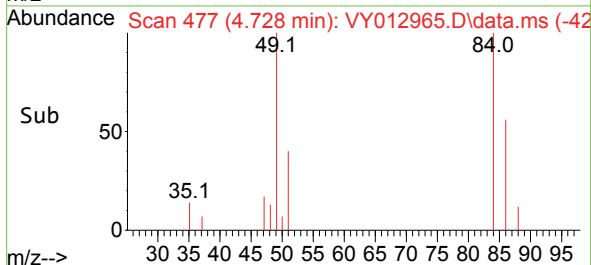
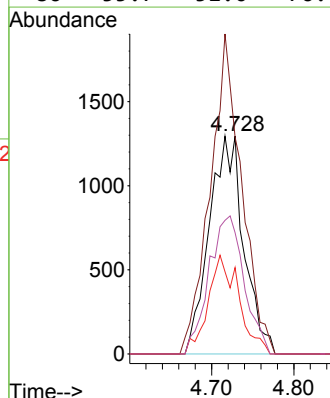
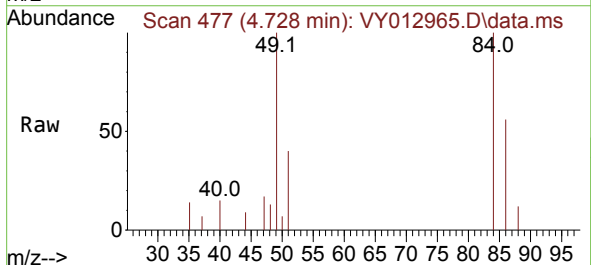
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26700

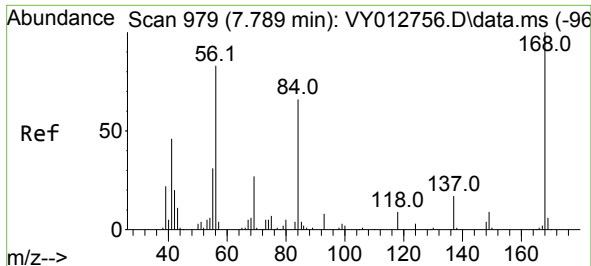
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 26.8 24.2 36.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

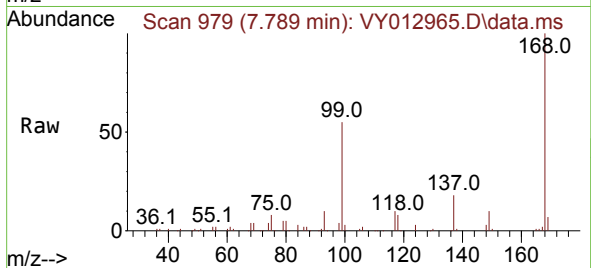
Tgt Ion: 84 Resp: 3771
Ion Ratio Lower Upper
84 100
49 99.6 102.6 154.0#
51 39.7 31.9 47.9
86 55.7 51.0 76.6



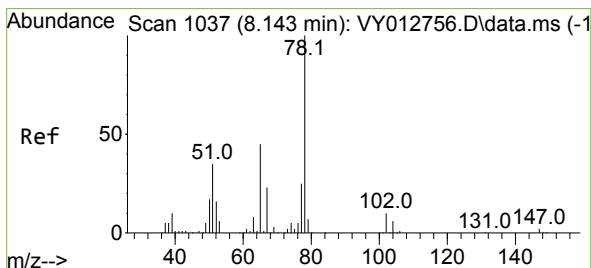
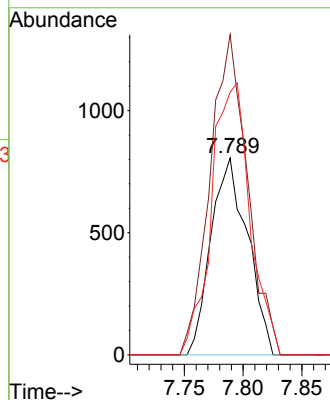
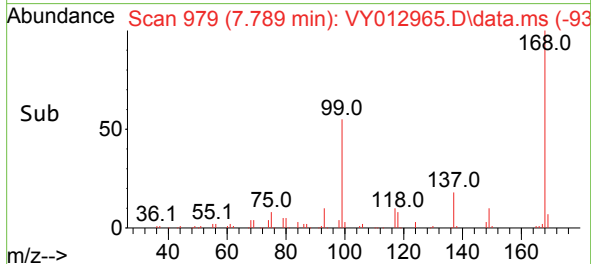


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Instrument :
MSVOA_Y
ClientSampleId :
CHRT26700

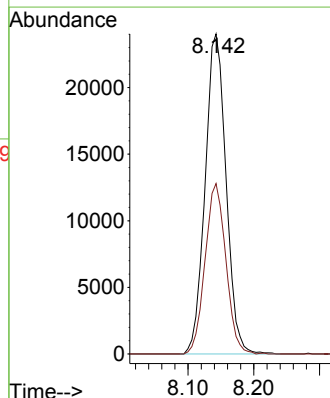
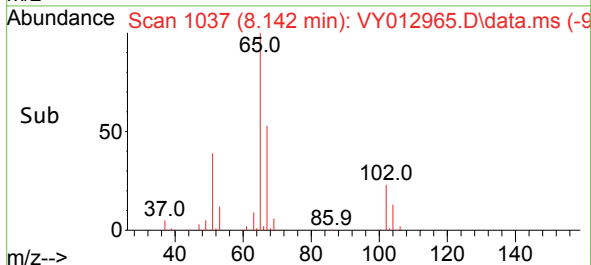
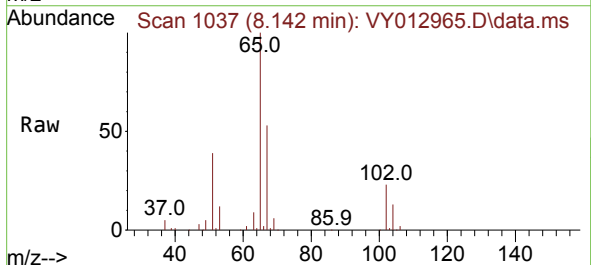


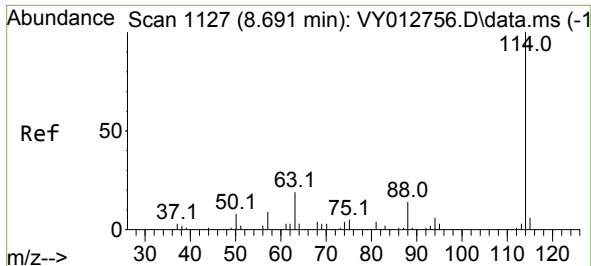
Tgt Ion: 56 Resp: 1744
Ion Ratio Lower Upper
56 100
69 162.7 25.7 38.5#
84 133.4 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 63.695 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Tgt Ion: 65 Resp: 53189
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

CHRT26700

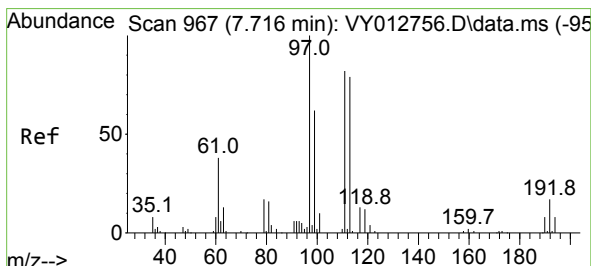
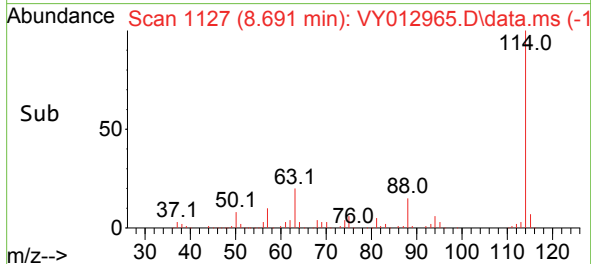
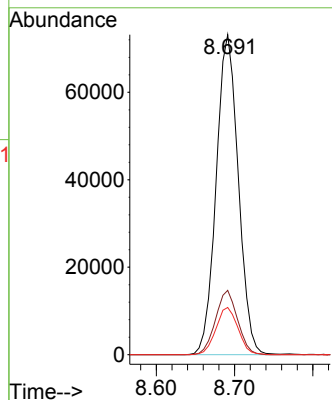
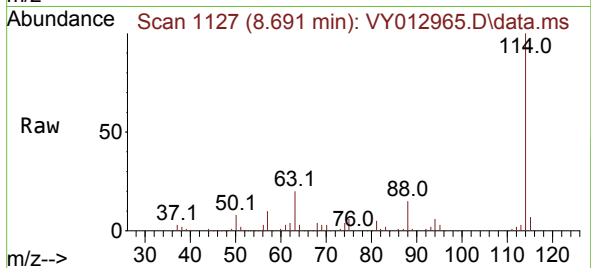
Tgt Ion:114 Resp: 143638

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.022 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

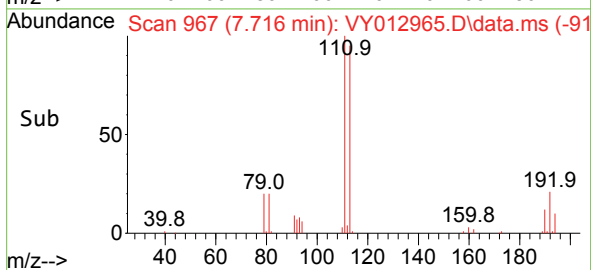
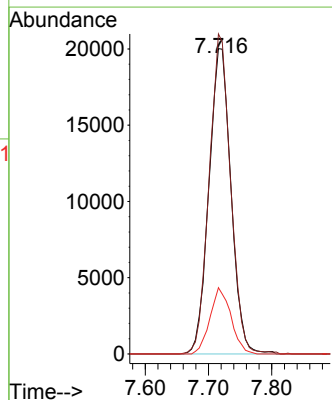
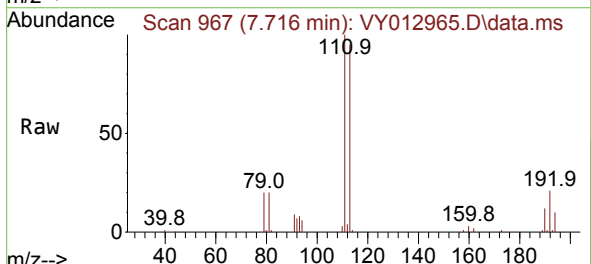
Tgt Ion:113 Resp: 48563

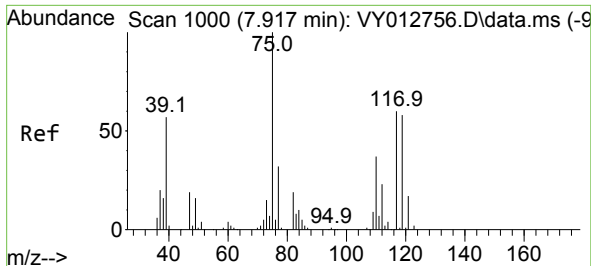
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 20.6 16.8 25.2

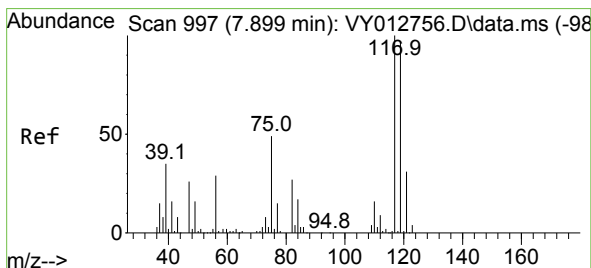
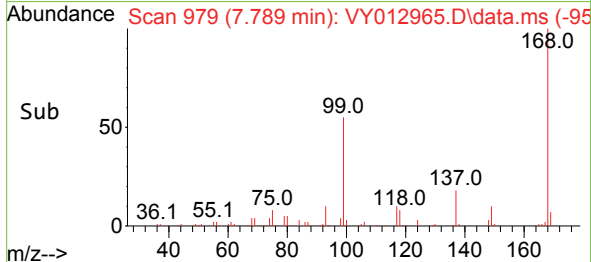
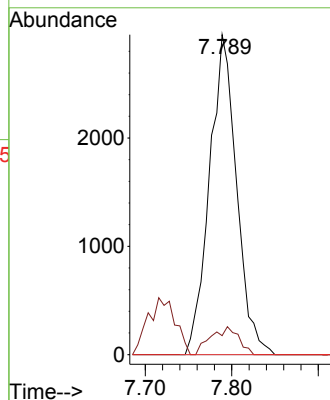
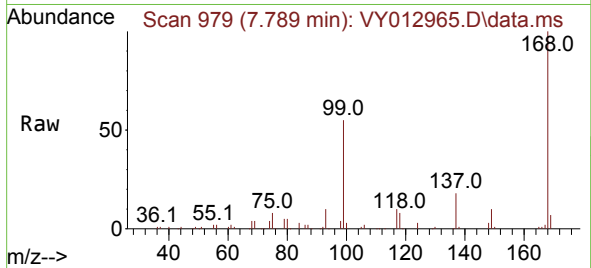




#36
1,1-Dichloropropene
Concen: 4.428 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

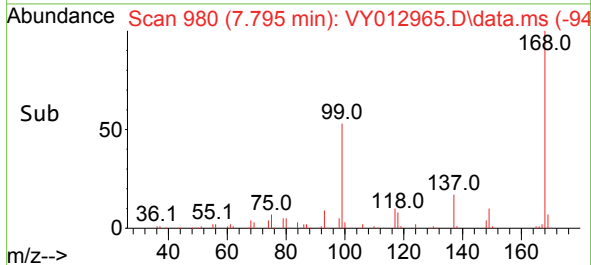
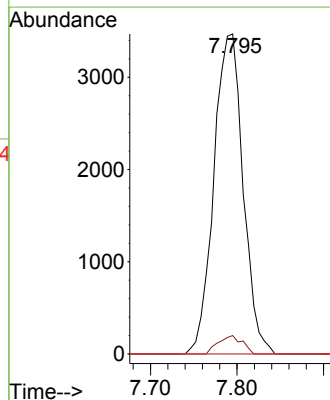
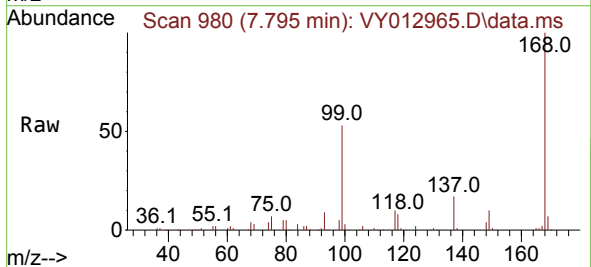
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26700

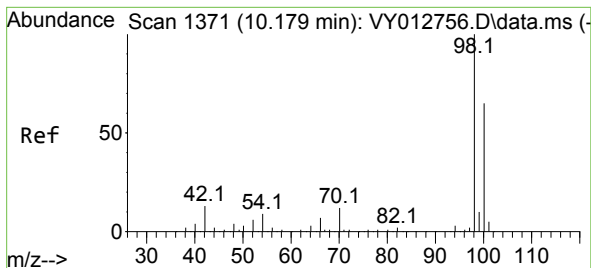
Tgt Ion: 75 Resp: 6432
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Tgt Ion: 117 Resp: 8130
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.7 37.1#

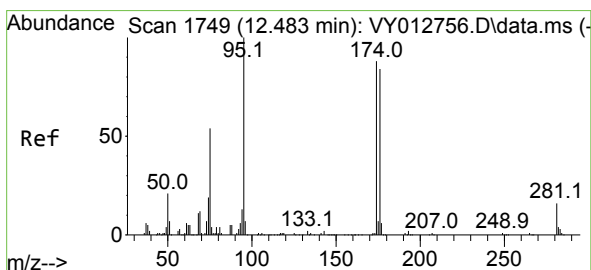
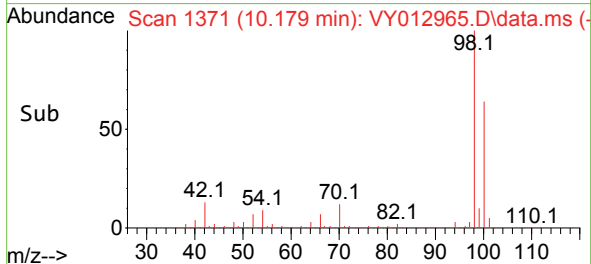
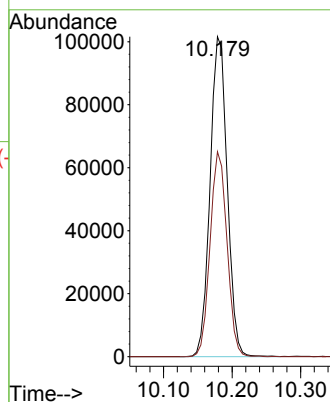
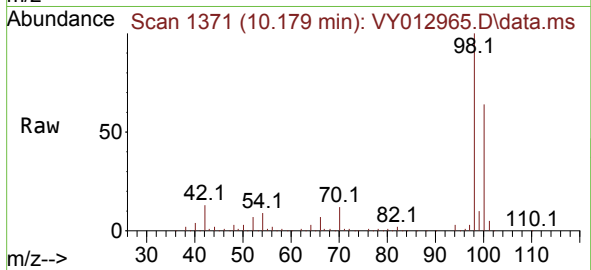




#50
Toluene-d8
Concen: 55.720 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

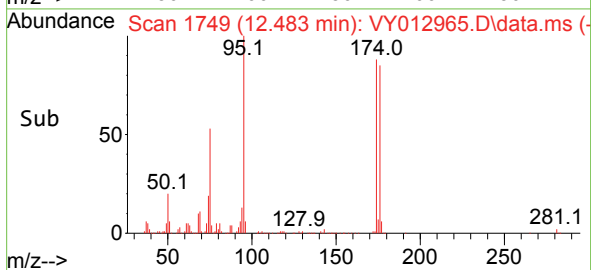
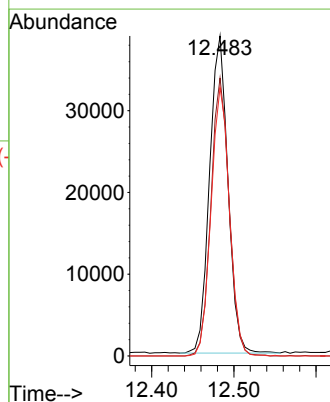
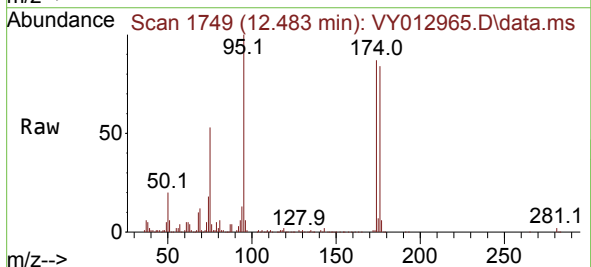
Instrument :
MSVOA_Y
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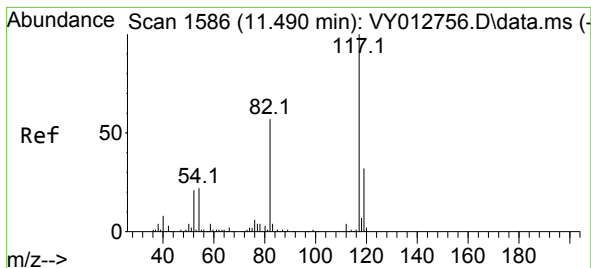
Tgt Ion: 98 Resp: 176580
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.423 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Tgt Ion: 95 Resp: 60352
Ion Ratio Lower Upper
95 100
174 86.7 0.0 176.6
176 84.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

CHRT26700

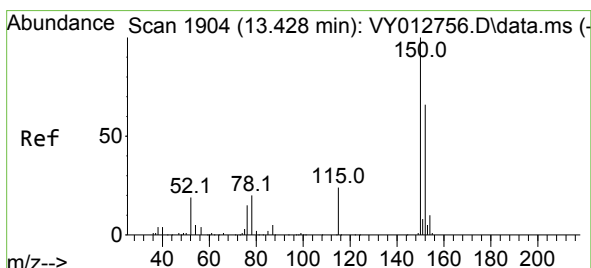
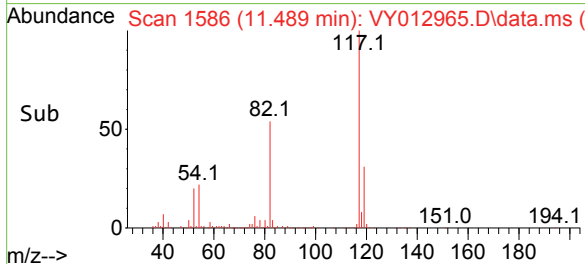
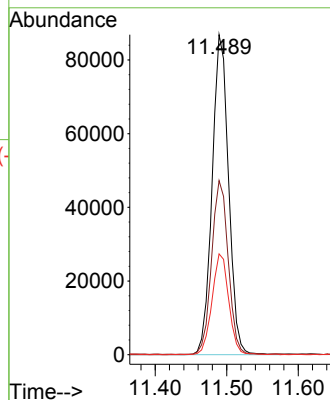
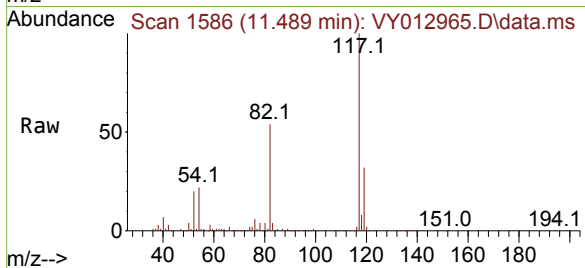
Tgt Ion:117 Resp: 138848

Ion Ratio Lower Upper

117 100

82 54.3 45.4 68.0

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

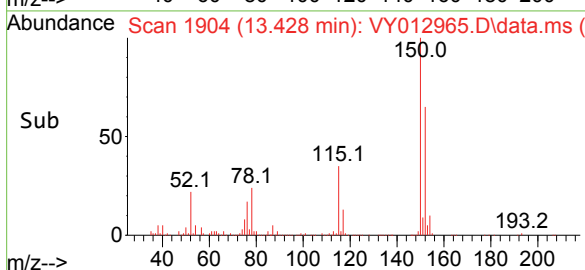
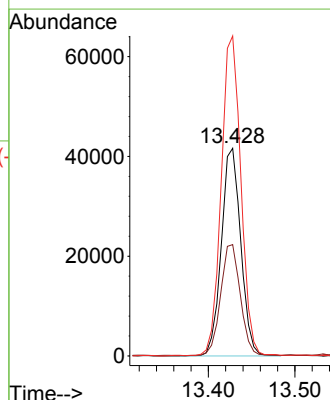
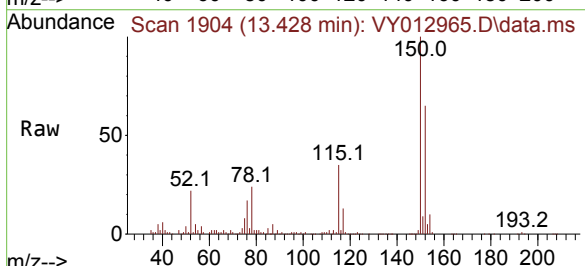
Tgt Ion:152 Resp: 64882

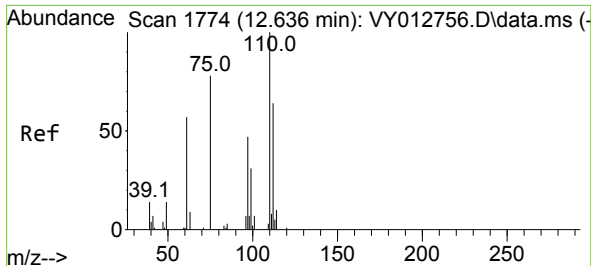
Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 155.4 0.0 347.8

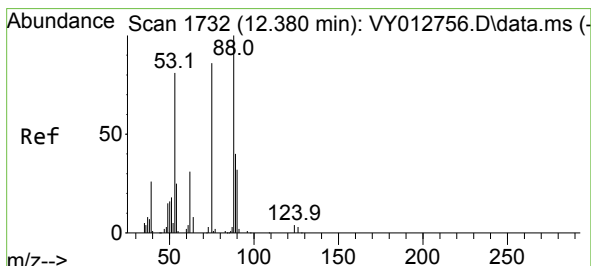
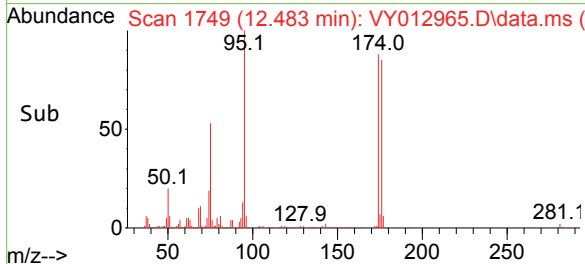
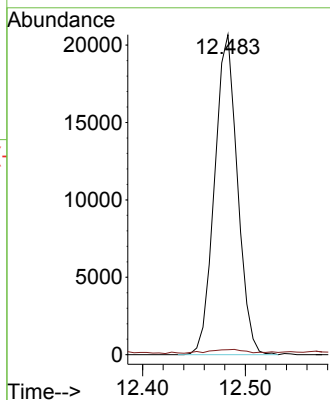
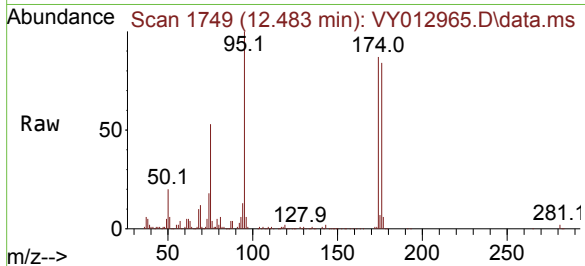




#76
1,2,3-Trichloropropane
Concen: 41.190 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

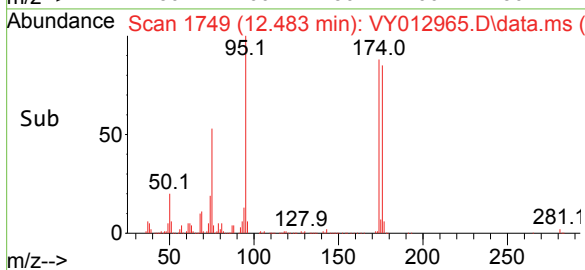
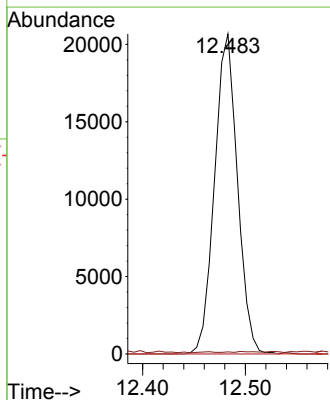
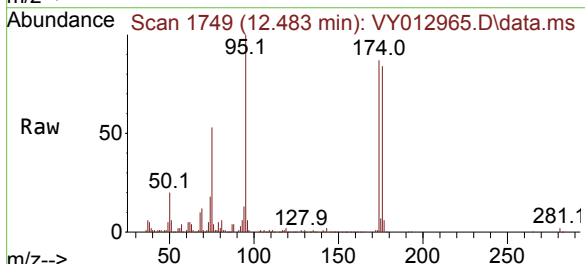
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26700

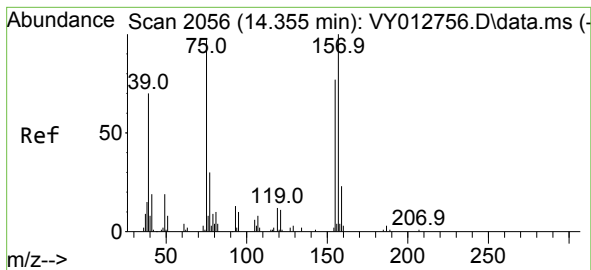
Tgt Ion: 75 Resp: 31914
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.347 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Tgt Ion: 75 Resp: 31914
Ion Ratio Lower Upper
75 100
53 0.3 73.4 110.0#
89 0.0 36.6 55.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.191 ug/l
 RT: 14.221 min Scan# 2056
 Delta R.T. -0.134 min
 Lab File: VY012965.D
 Acq: 16 Mar 2023 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT26700

Tgt Ion: 75 Resp: 199
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.8 131.4#
 157 0.0 54.1 162.3#

