

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014664.D
 Acq On : 17 Jul 2023 11:54
 Operator : SY/MD
 Sample : VY0717SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBL01

Quant Time: Jul 18 06:06:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

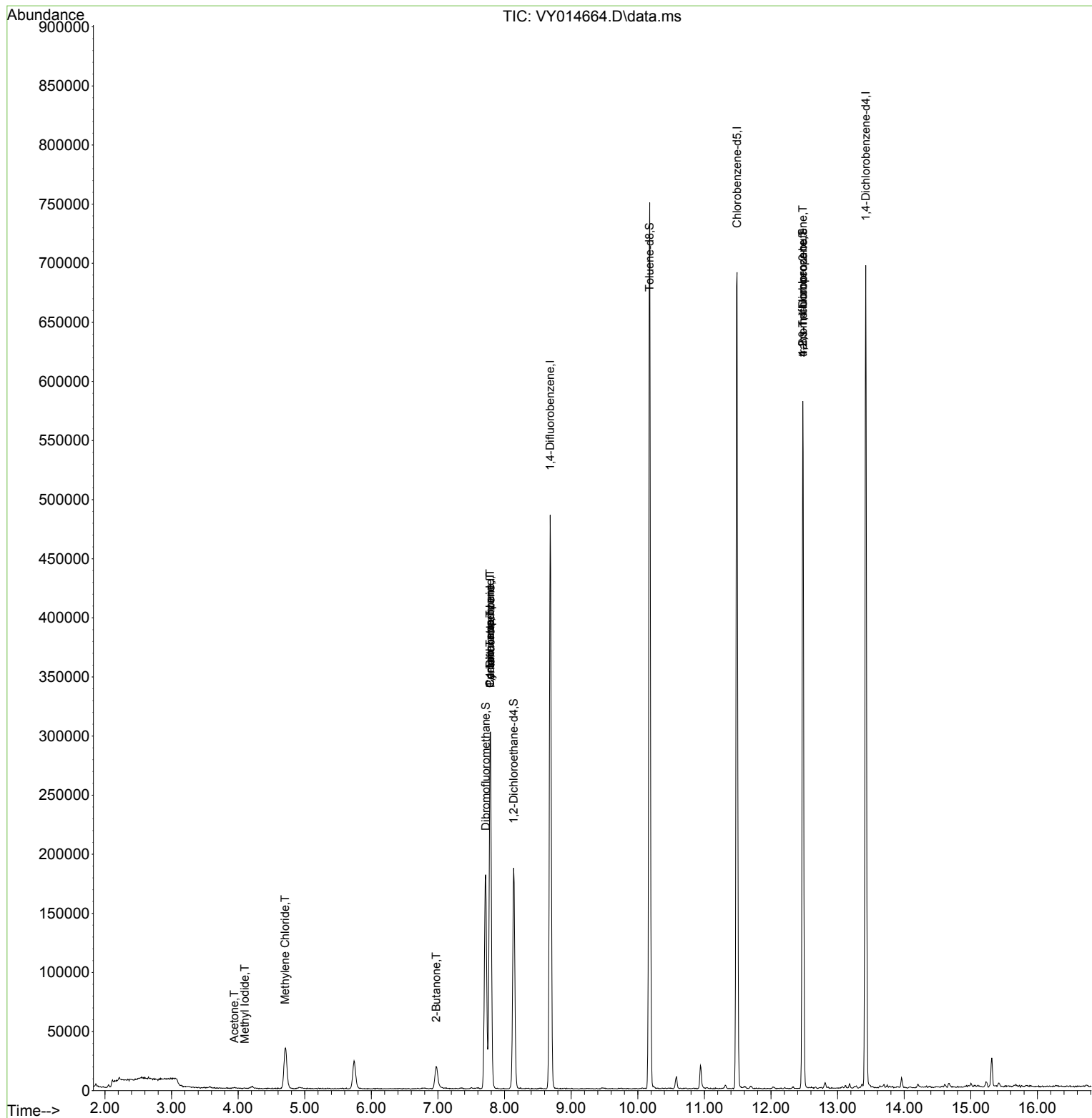
Internal Standards						
1) Pentafluorobenzene	7.789	168	240543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	414239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143902	52.498	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.000%			
35) Dibromofluoromethane	7.716	113	130781	49.596	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.200%			
50) Toluene-d8	10.179	98	486596	50.052	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.477	95	182539	48.968	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.940%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	515	2.552	ug/l #	81
11) Tert butyl alcohol	4.936	59	1120	Below Cal	#	87
16) Acetone	3.942	43	1497	1.723	ug/l	92
20) Methylene Chloride	4.704	84	26768	5.749	ug/l	90
25) 2-Butanone	6.972	43	1794	1.412	ug/l #	84
31) Cyclohexane	7.783	56	5219	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	18051	4.577	ug/l #	50
38) Carbon Tetrachloride	7.783	117	23239	5.575	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	94113	41.188	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	94113	79.748	ug/l #	11

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

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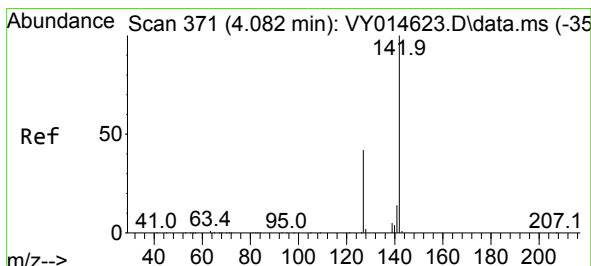
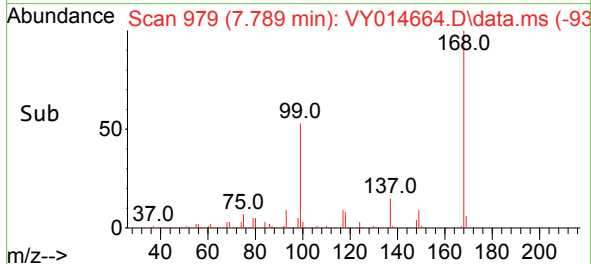
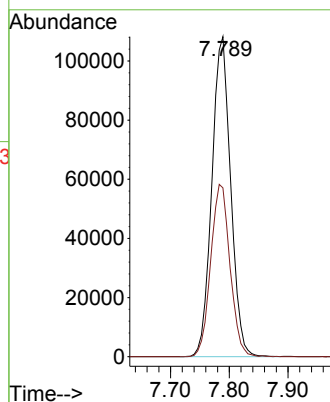
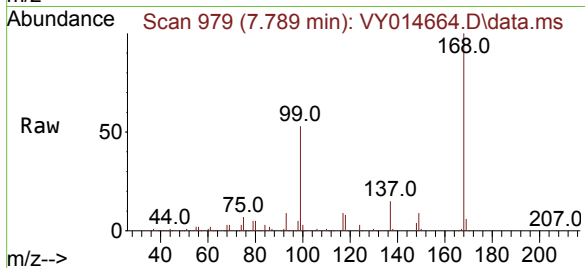




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

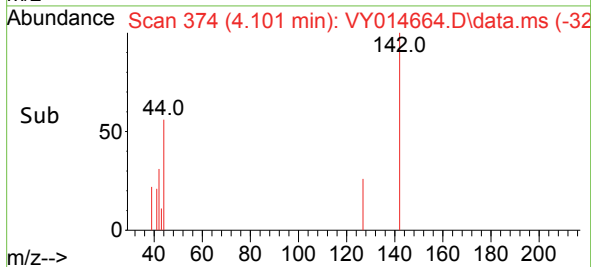
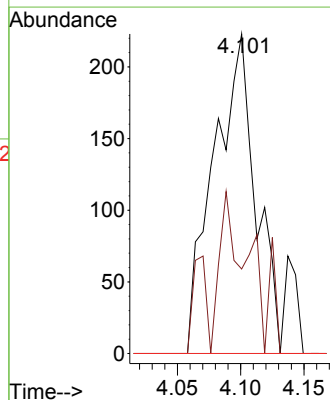
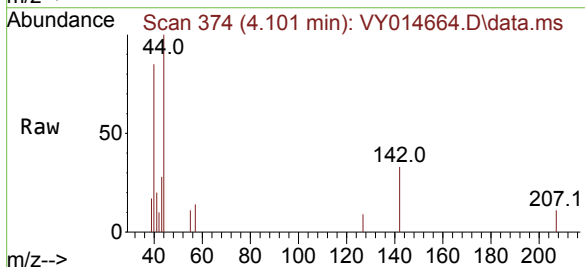
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

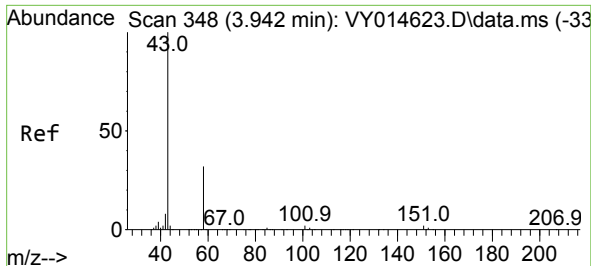
Tgt Ion:168 Resp: 240543
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.552 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion:142 Resp: 515
Ion Ratio Lower Upper
142 100
127 37.9 37.6 56.4
141 0.0 11.8 17.8#

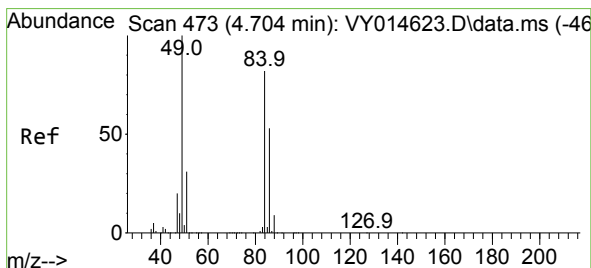
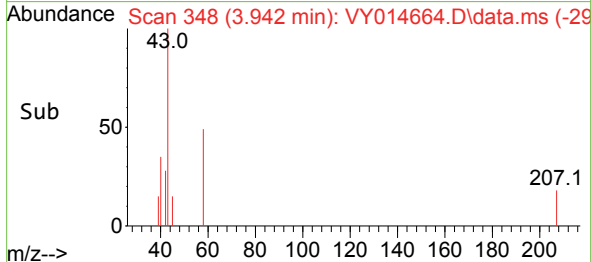
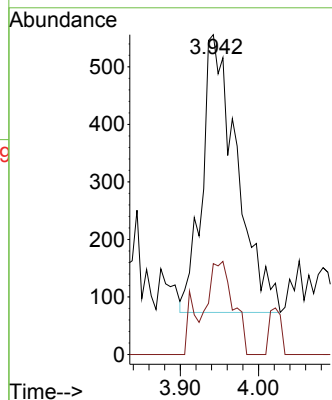
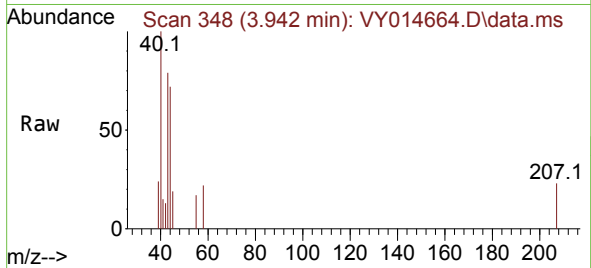




#16
Acetone
Concen: 1.723 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

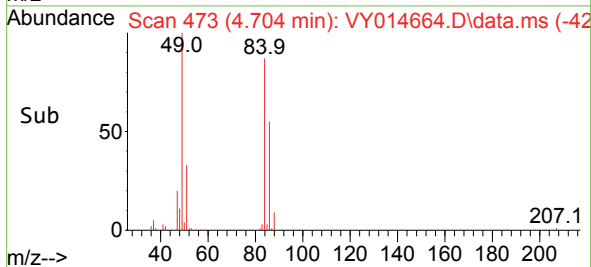
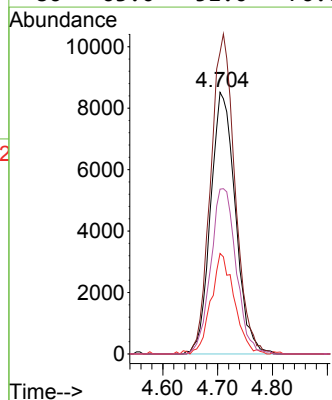
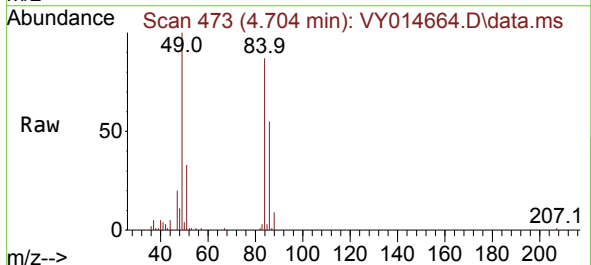
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

Tgt Ion: 43 Resp: 1497
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1



#20
Methylene Chloride
Concen: 5.749 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion: 84 Resp: 26768
Ion Ratio Lower Upper
84 100
49 115.3 106.9 160.3
51 38.4 33.2 49.8
86 63.0 51.0 76.6

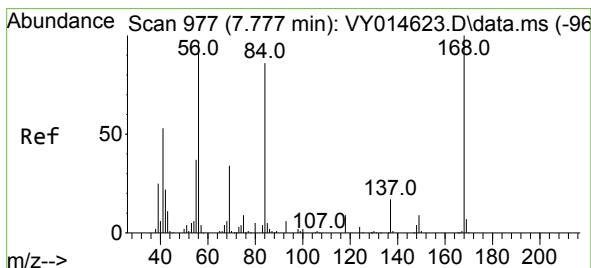
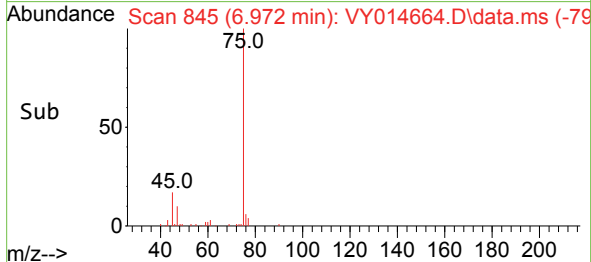
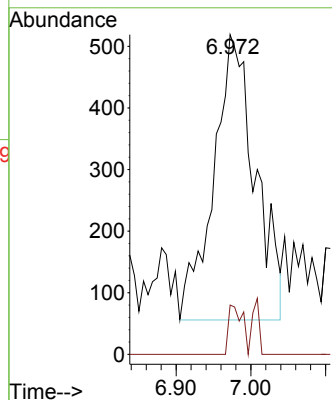
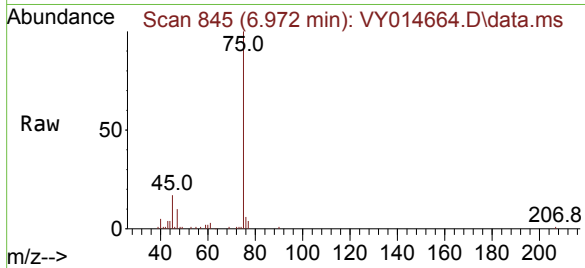




#25
2-Butanone
Concen: 1.412 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

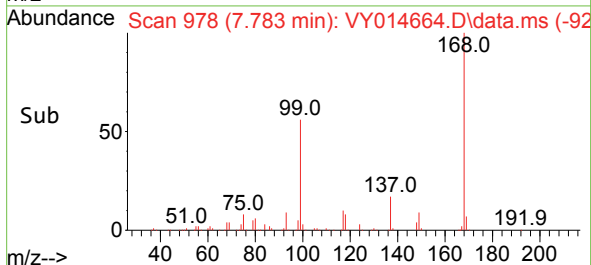
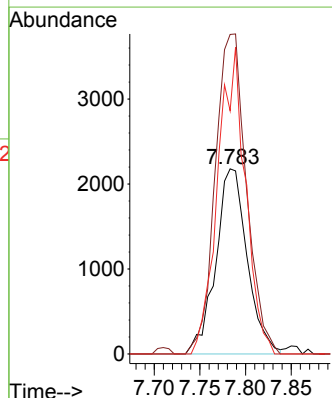
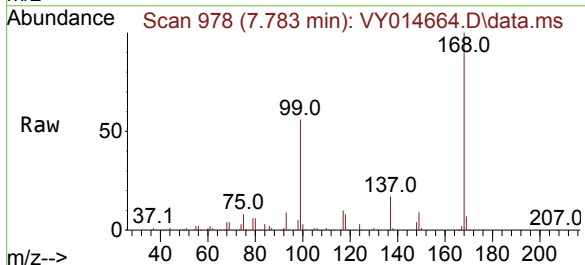
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

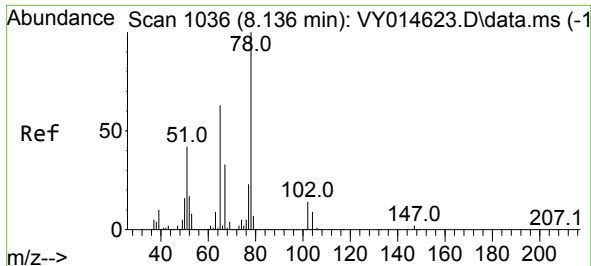
Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
72 17.3 20.5 30.7#



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion: 56 Resp: 5219
Ion Ratio Lower Upper
56 100
69 172.6 27.8 41.6#
84 131.4 66.4 99.6#

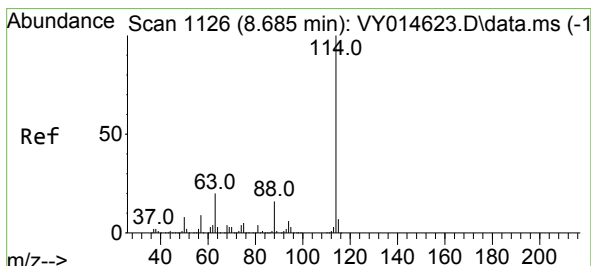
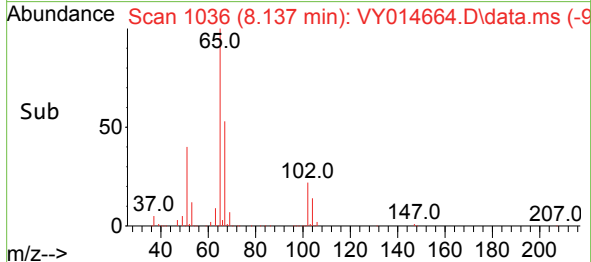
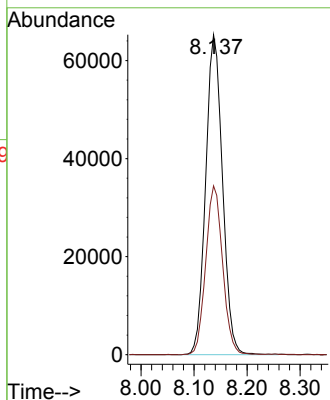
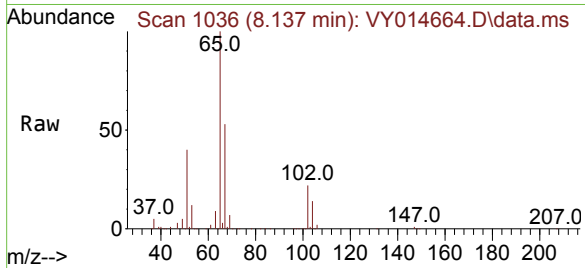




#33
 1,2-Dichloroethane-d4
 Concen: 52.498 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014664.D
 Acq: 17 Jul 2023 11:54

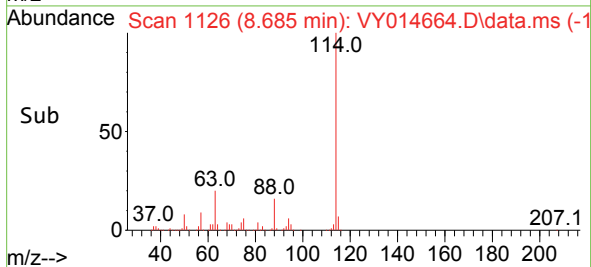
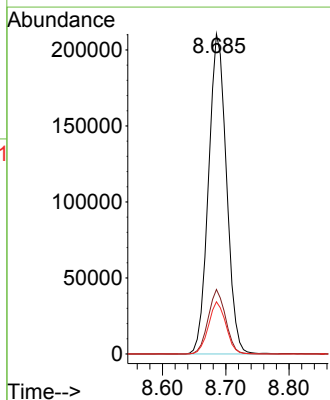
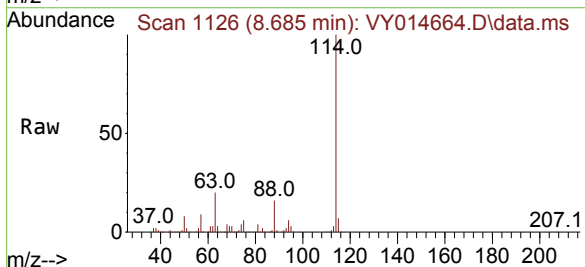
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBL01

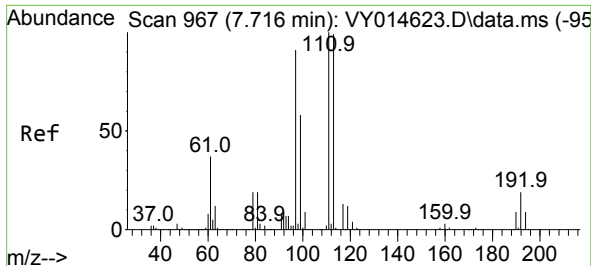
Tgt Ion: 65 Resp: 143902
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014664.D
 Acq: 17 Jul 2023 11:54

Tgt Ion:114 Resp: 414239
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 16.3 0.0 30.6

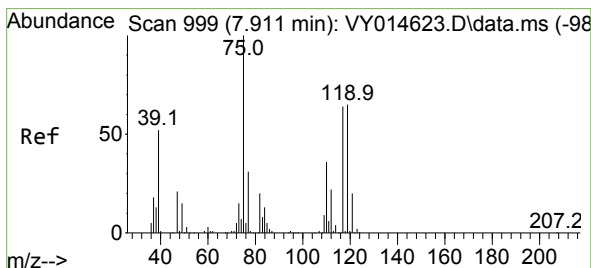
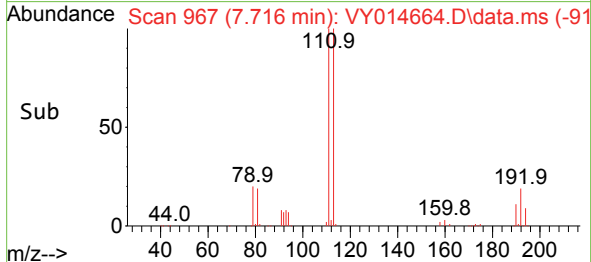
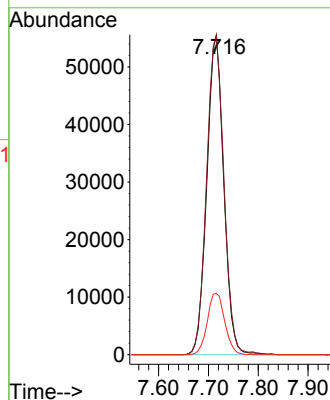
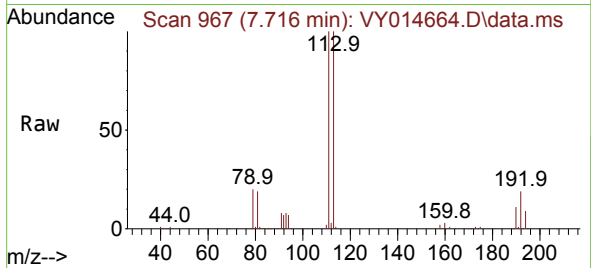




#35
Dibromofluoromethane
Concen: 49.596 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

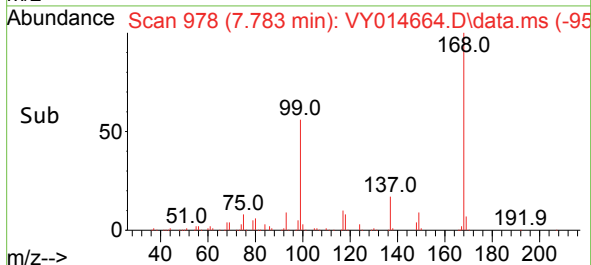
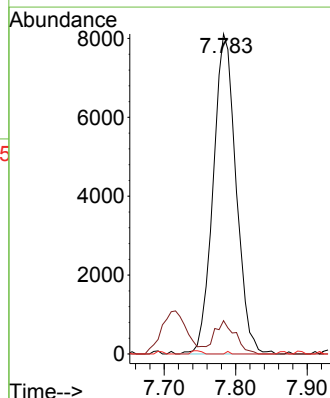
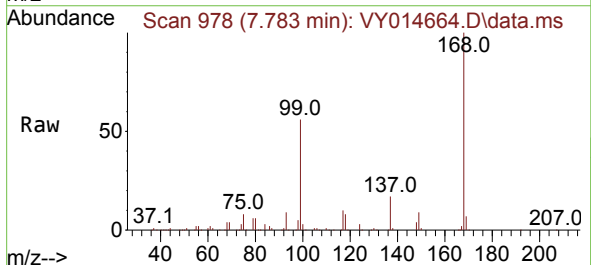
Instrument :
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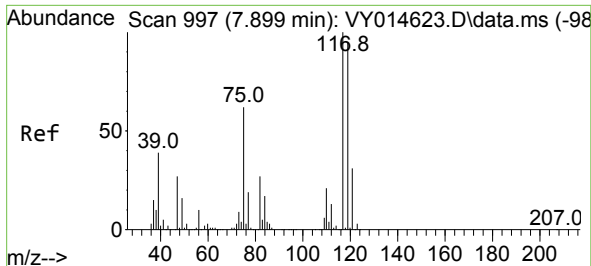
Tgt Ion:113 Resp: 130781
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

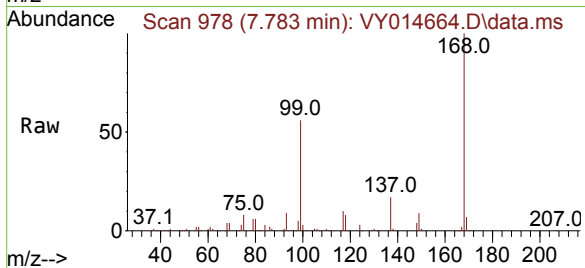
Tgt Ion: 75 Resp: 18051
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.1 24.4 36.6#



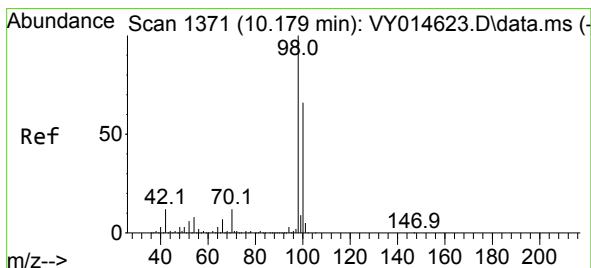
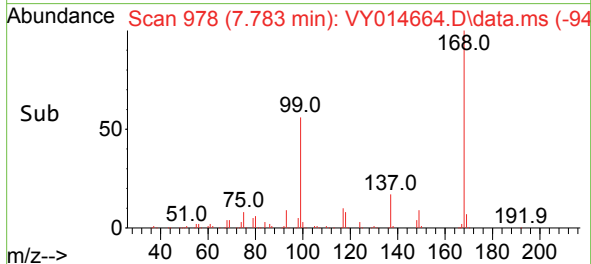
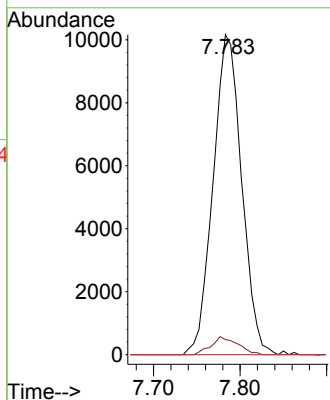


#38
Carbon Tetrachloride
Concen: 5.575 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Instrument :
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ClientSampleId :
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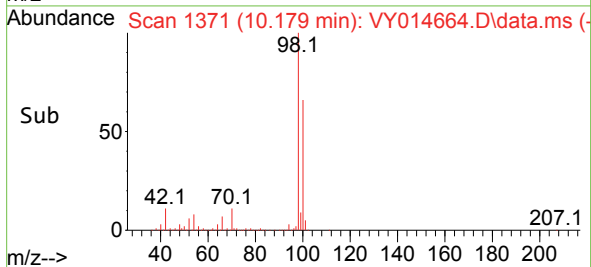
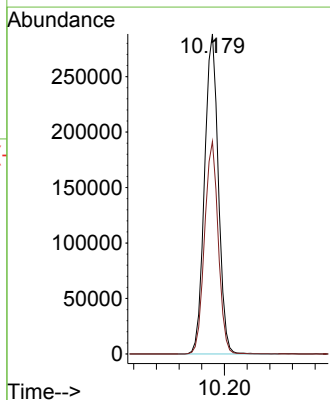
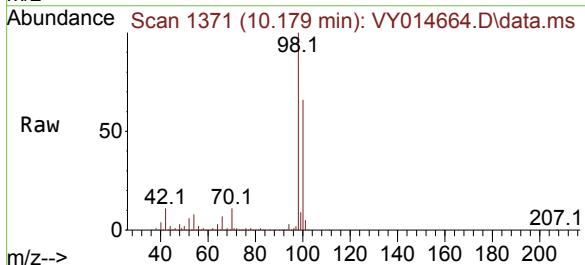


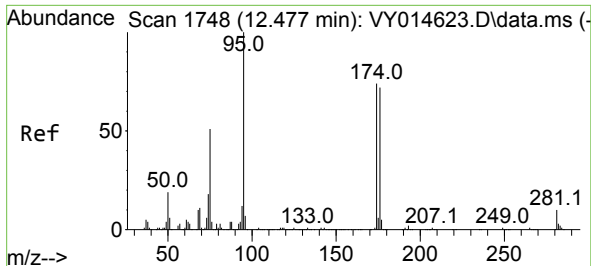
Tgt Ion:117 Resp: 23239
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.052 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion: 98 Resp: 486596
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

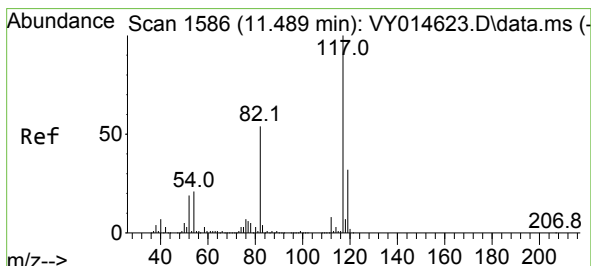
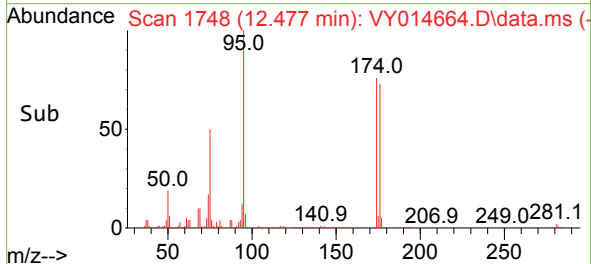
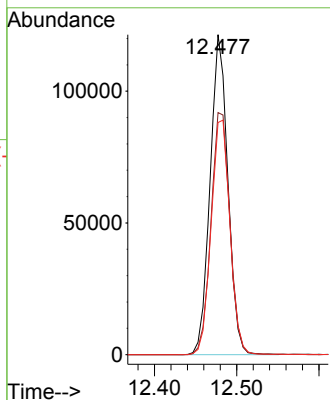
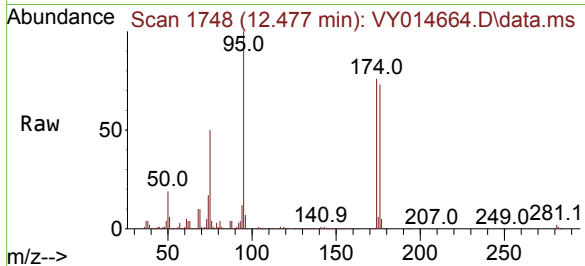




#62
4-Bromofluorobenzene
Concen: 48.968 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

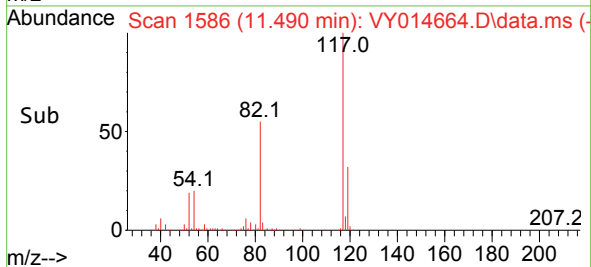
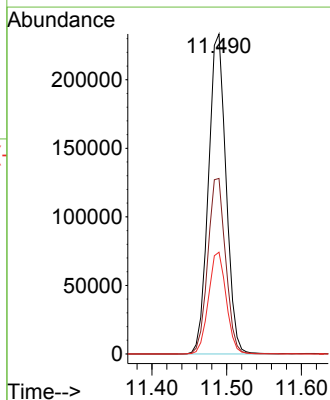
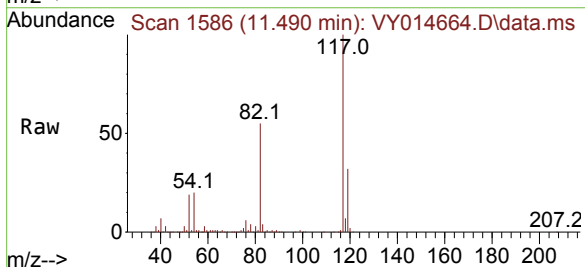
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

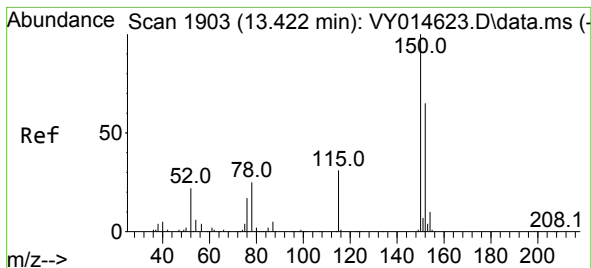
Tgt Ion: 95 Resp: 182539
Ion Ratio Lower Upper
95 100
174 80.2 0.0 178.2
176 77.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion: 117 Resp: 381722
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014664.D

Acq: 17 Jul 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBL01

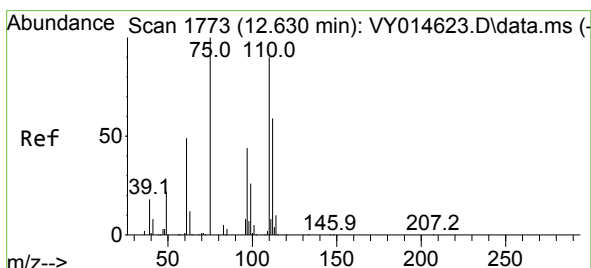
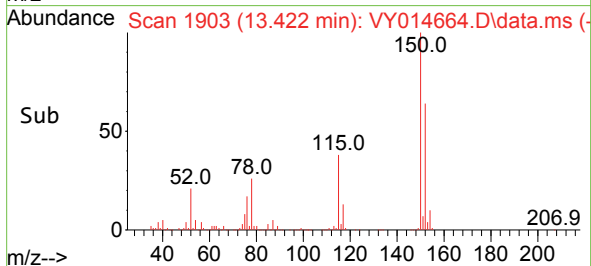
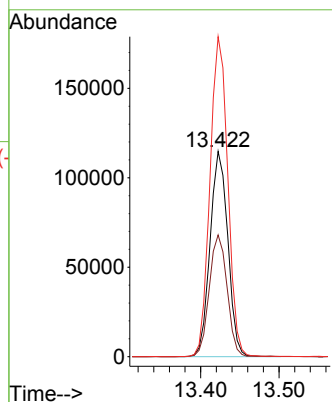
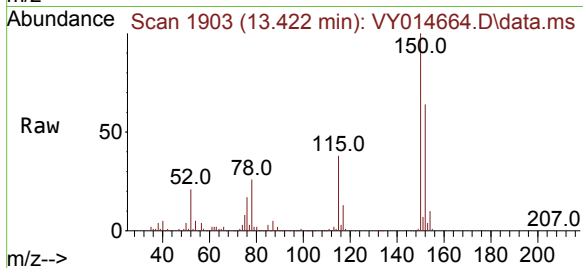
Tgt Ion:152 Resp: 180919

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 156.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.188 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014664.D

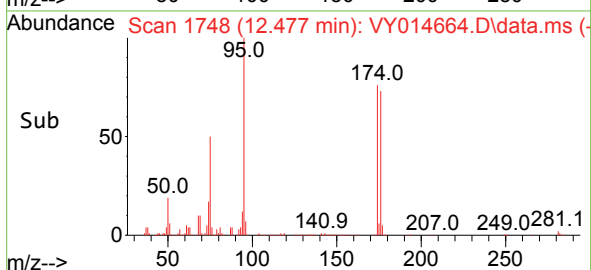
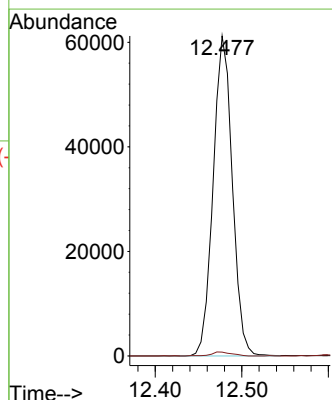
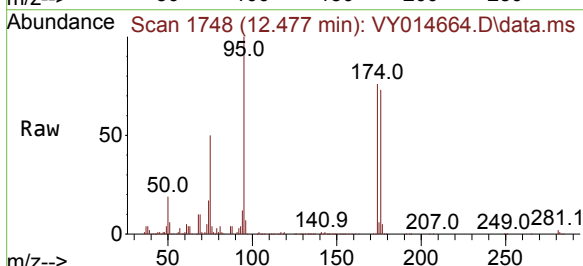
Acq: 17 Jul 2023 11:54

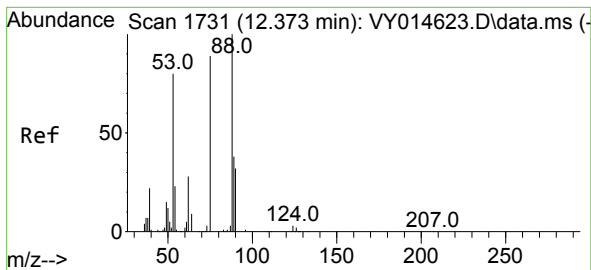
Tgt Ion: 75 Resp: 94113

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.748 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014664.D
 Acq: 17 Jul 2023 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBL01

Tgt Ion: 75 Resp: 94113
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.0 37.4 56.0#

