

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004881.D
 Acq On : 26 May 2021 13:08
 Operator : SY/MD
 Sample : M2517-01
 Misc : 4.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 METRO-SP

Quant Time: May 27 01:14:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

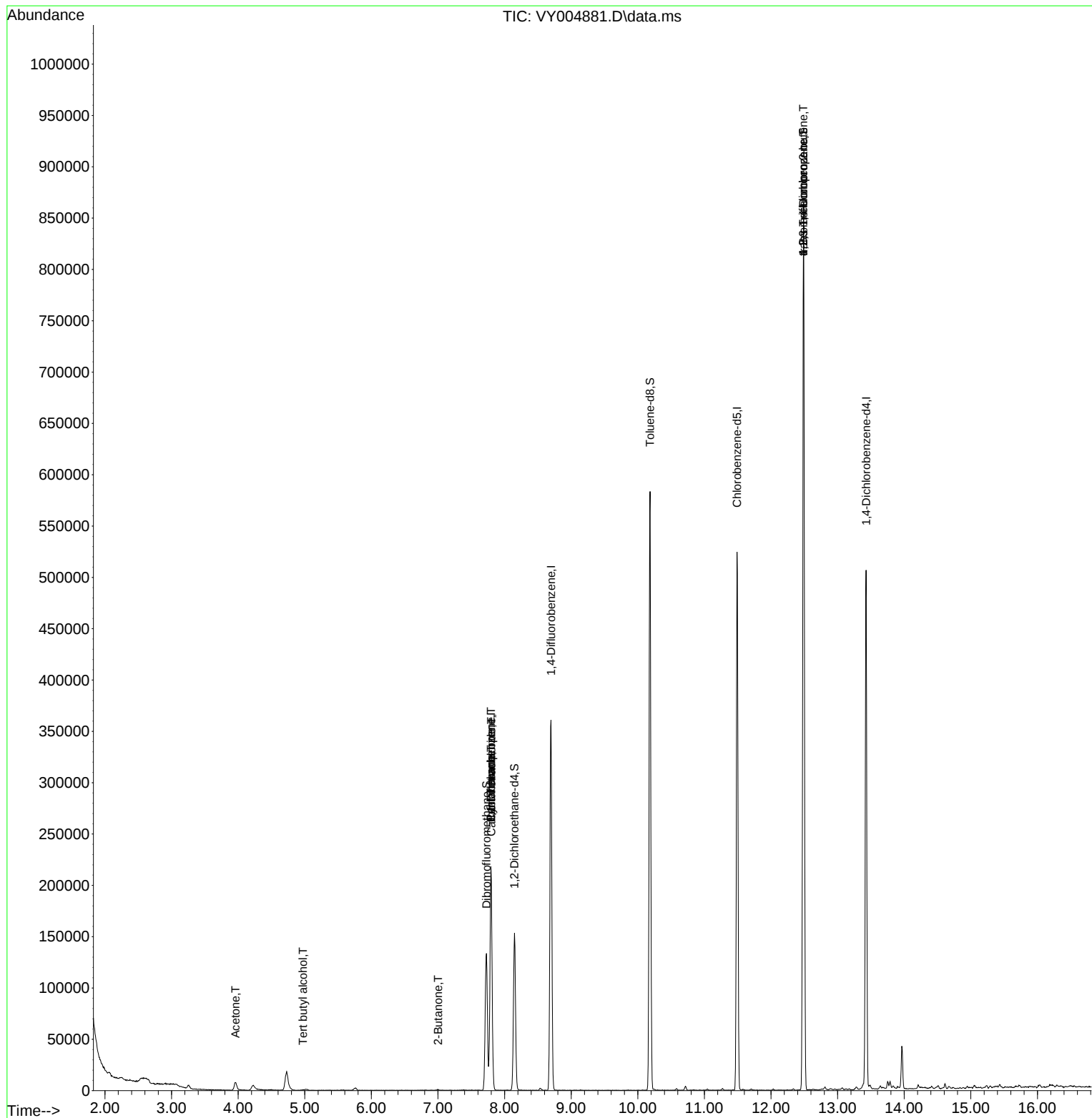
Internal Standards						
1) Pentafluorobenzene	7.795	168	158359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114996	61.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.02%			
35) Dibromofluoromethane	7.728	113	94440	57.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.78%			
50) Toluene-d8	10.185	98	367786	49.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.80%			
62) 4-Bromofluorobenzene	12.483	95	123259	49.55	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	823	4.34	ug/l #	71
16) Acetone	3.960	43	14340	33.87	ug/l	97
20) Methylene Chloride	4.728	84	12587	Below Cal		94
25) 2-Butanone	7.002	43	1246	1.66	ug/l	91
31) Cyclohexane	7.795	56	3803	1.25	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13481	4.41	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16535	6.02	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	72502	55.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72502	96.50	ug/l #	14

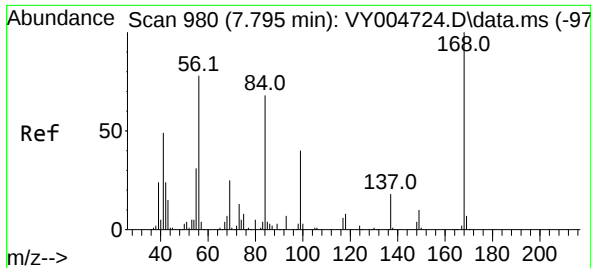
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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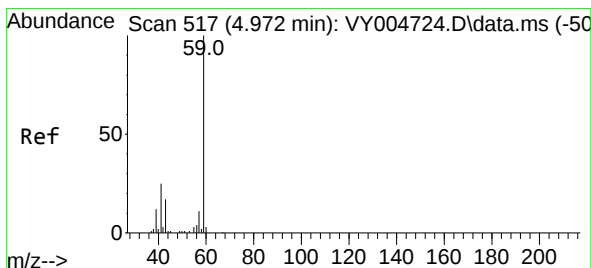
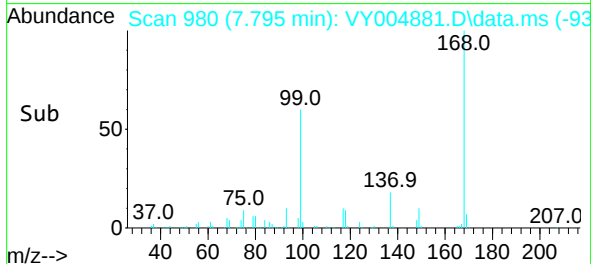
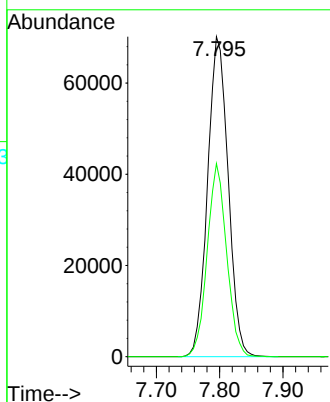
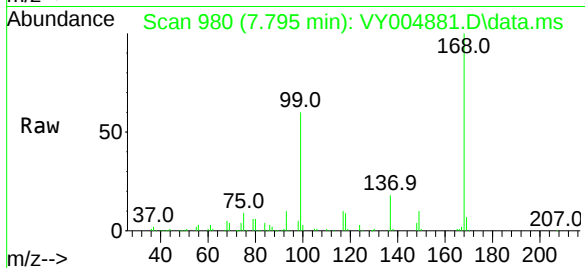




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

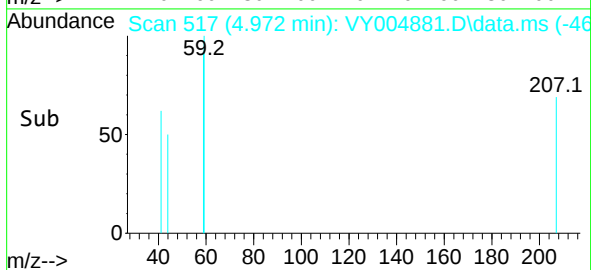
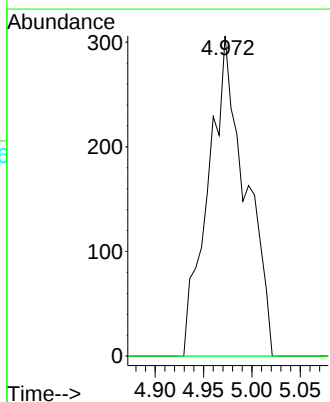
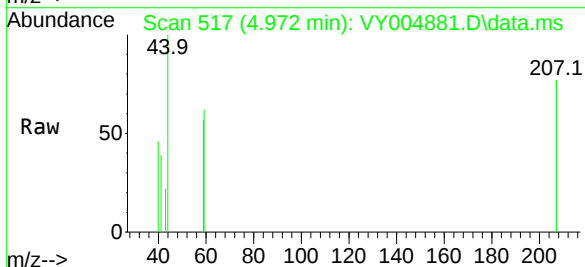
Instrument :
MSVOA_Y
ClientSampled :
METRO-SP

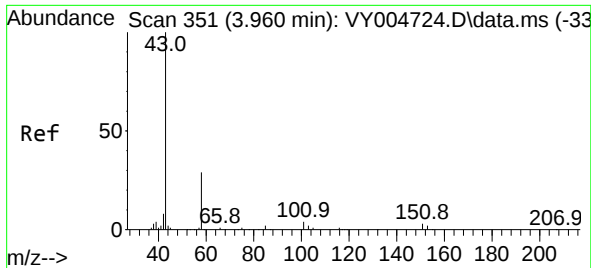
Tgt Ion:168 Resp: 158359
Ion Ratio Lower Upper
168 100
99 60.4 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.34 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

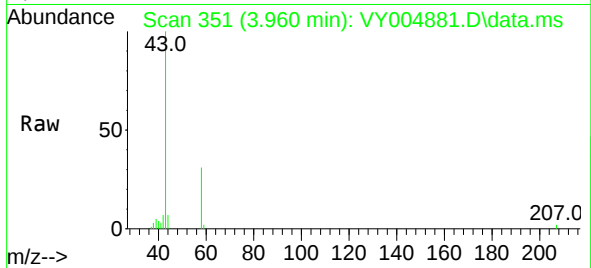
Tgt Ion: 59 Resp: 823
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



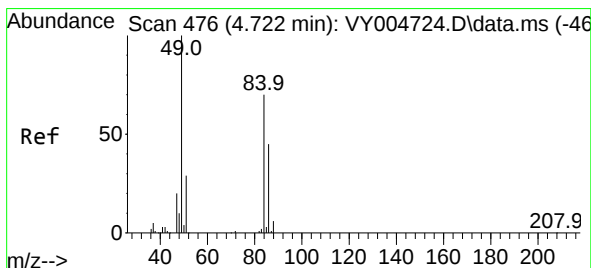
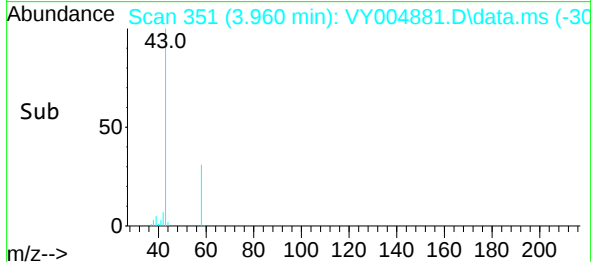
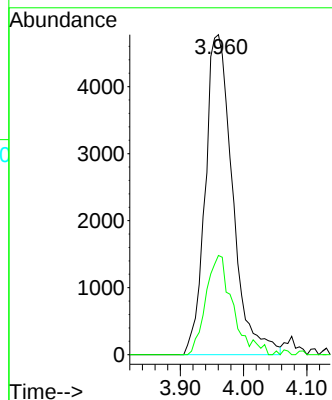


#16
Acetone
Concen: 33.87 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

Instrument :
MSVOA_Y
ClientSampleId :
METRO-SP

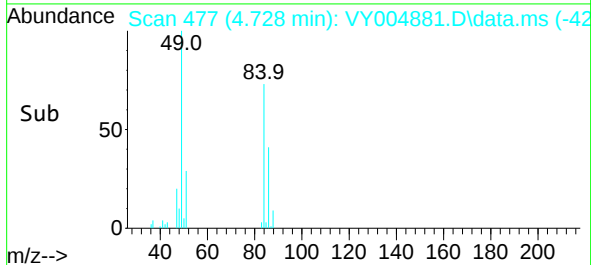
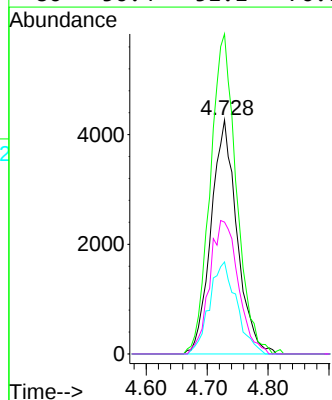
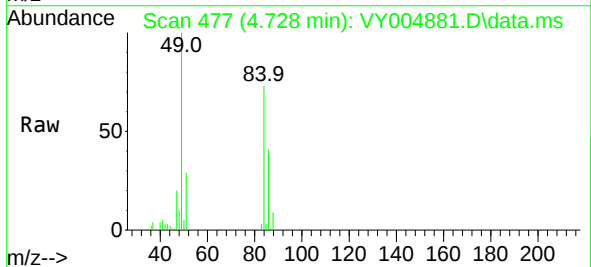


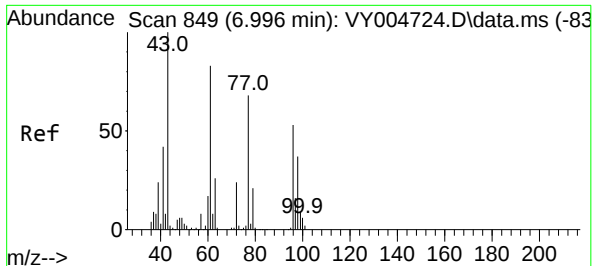
Tgt Ion: 43 Resp: 14340
Ion Ratio Lower Upper
43 100
58 31.0 23.6 35.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

Tgt Ion: 84 Resp: 12587
Ion Ratio Lower Upper
84 100
49 136.8 113.8 170.8
51 39.4 33.5 50.3
86 56.4 51.1 76.7





#25

2-Butanone

Concen: 1.66 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004881.D

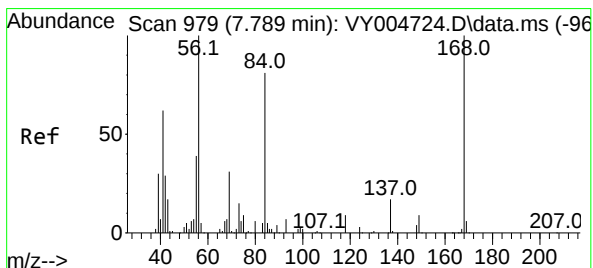
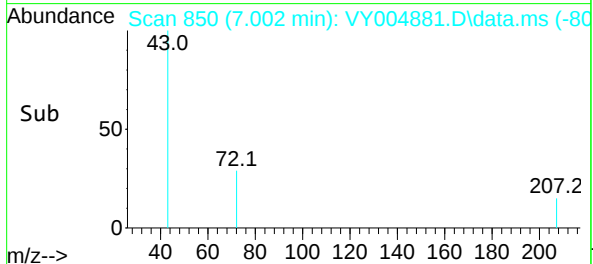
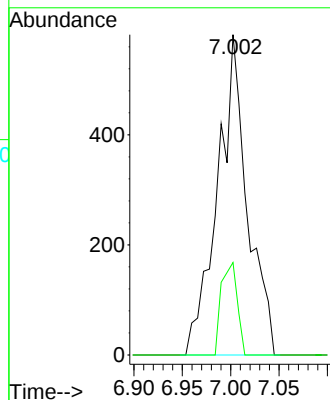
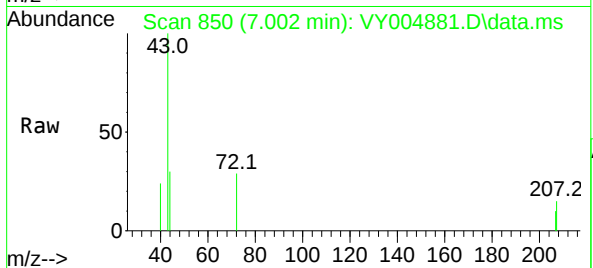
Acq: 26 May 2021 13:08

Tgt Ion: 43 Resp: 1246

Ion Ratio Lower Upper

43 100

72 28.9 19.4 29.0



#31

Cyclohexane

Concen: 1.25 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004881.D

Acq: 26 May 2021 13:08

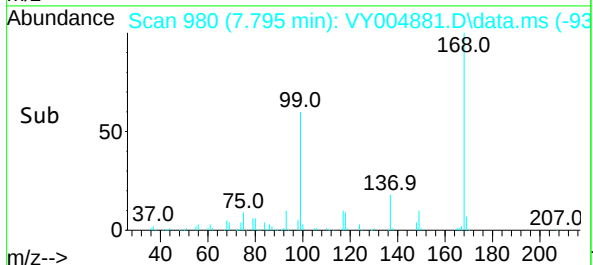
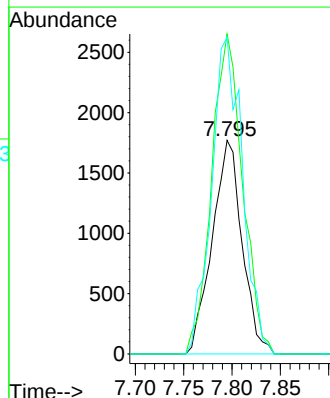
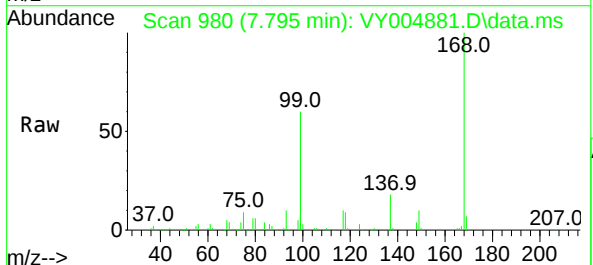
Tgt Ion: 56 Resp: 3803

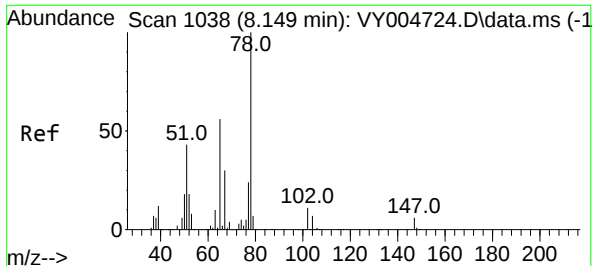
Ion Ratio Lower Upper

56 100

69 149.8 24.4 36.6#

84 148.4 64.8 97.2#

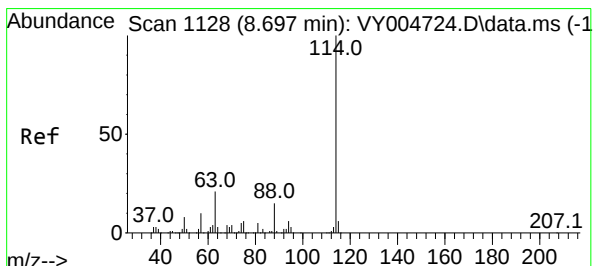
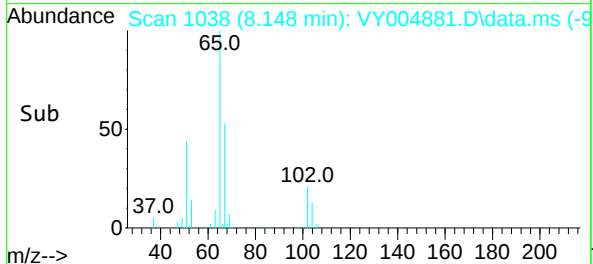
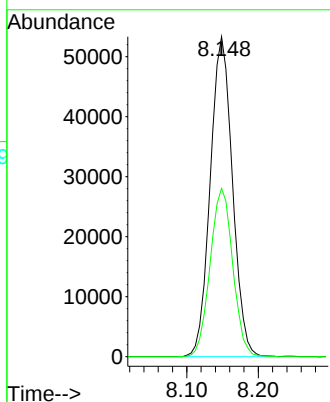
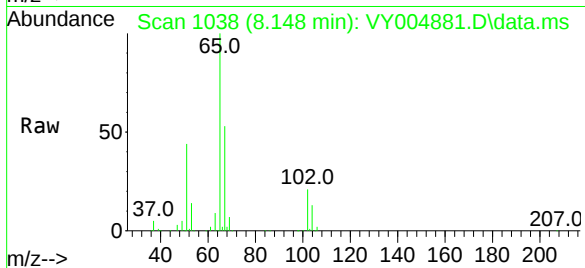




#33
1,2-Dichloroethane-d4
Concen: 61.01 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

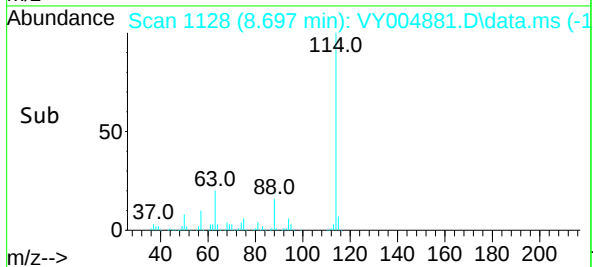
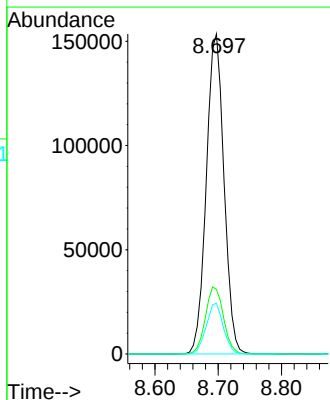
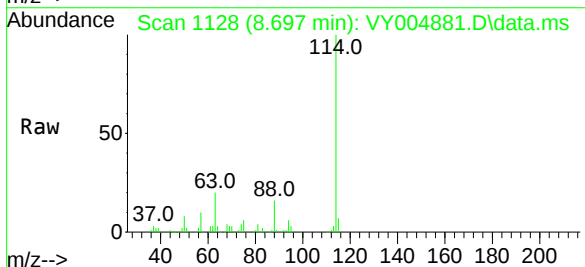
Instrument :
MSVOA_Y
ClientSampleId :
METRO-SP

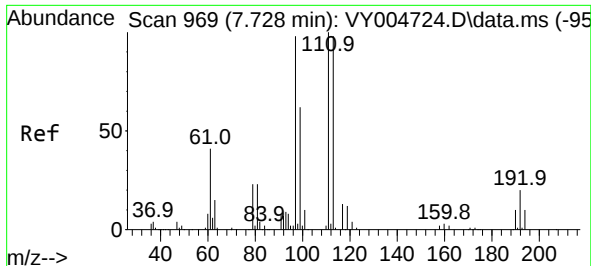
Tgt Ion: 65 Resp: 114996
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

Tgt Ion: 114 Resp: 298008
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 15.9 0.0 31.0

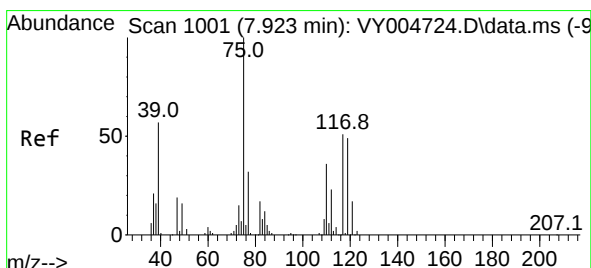
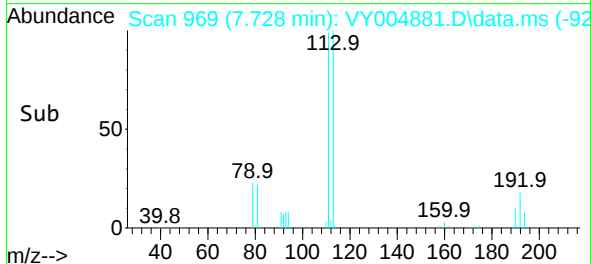
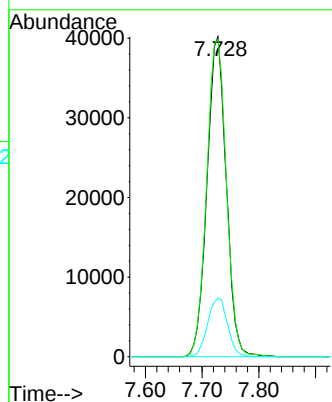
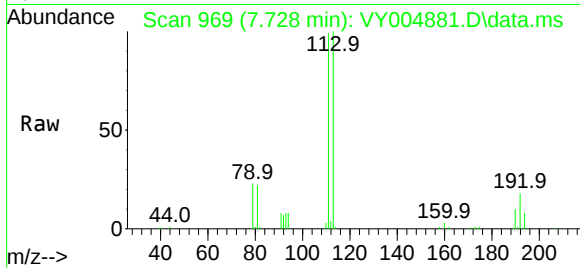




#35
Dibromofluoromethane
Concen: 57.89 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

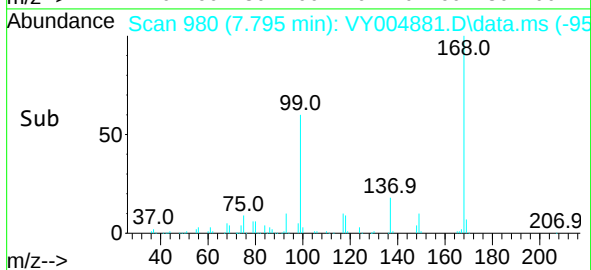
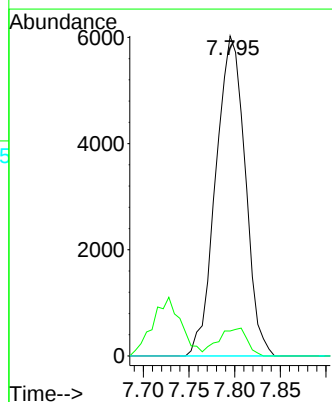
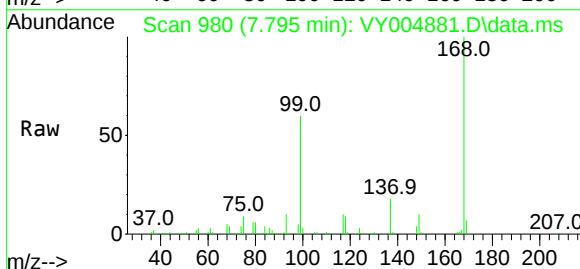
Instrument :
MSVOA_Y
ClientSampleId :
METRO-SP

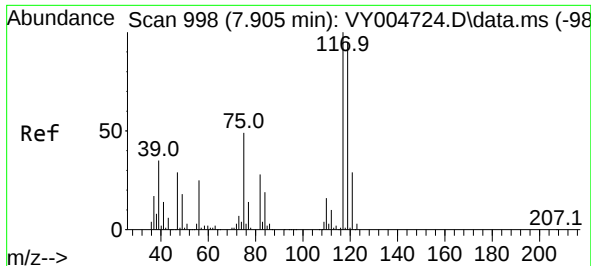
Tgt Ion:113 Resp: 94440
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 19.0 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

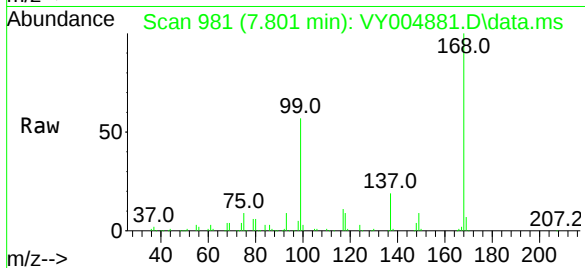
Tgt Ion: 75 Resp: 13481
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 25.0 37.4#



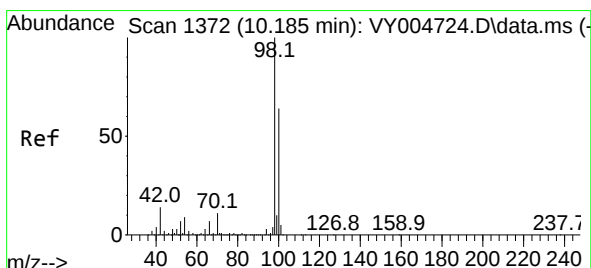
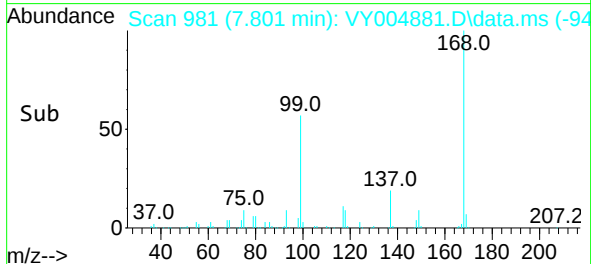
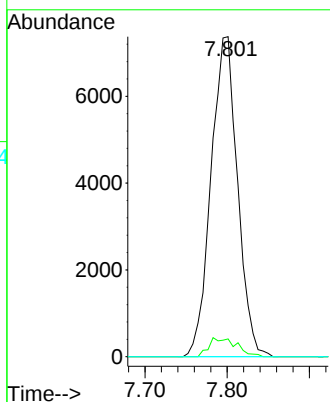


#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

Instrument :
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ClientSampleId :
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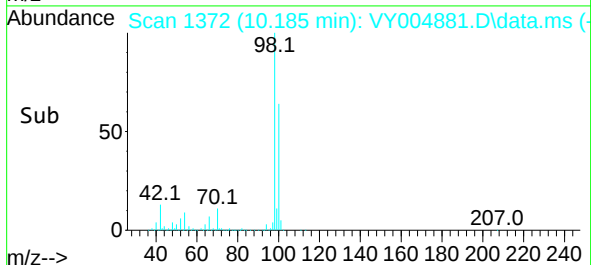
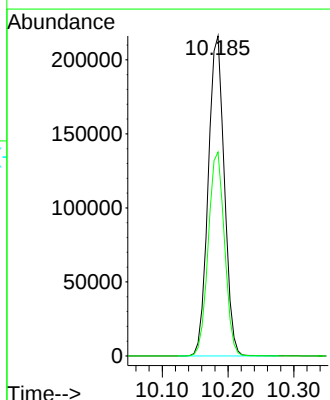
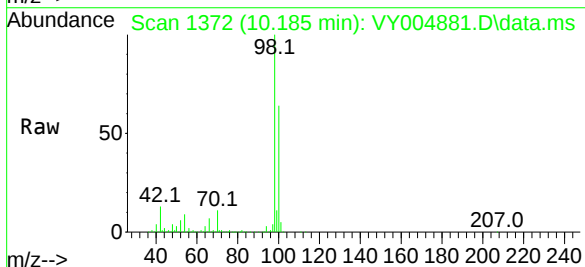


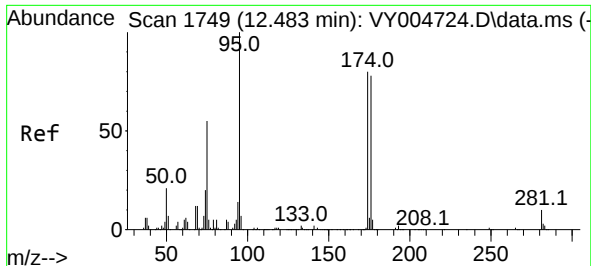
Tgt Ion:117 Resp: 16535
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 49.90 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

Tgt Ion: 98 Resp: 367786
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

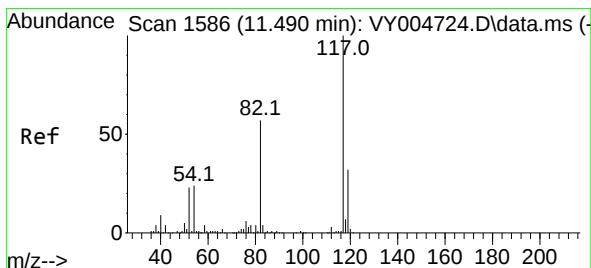
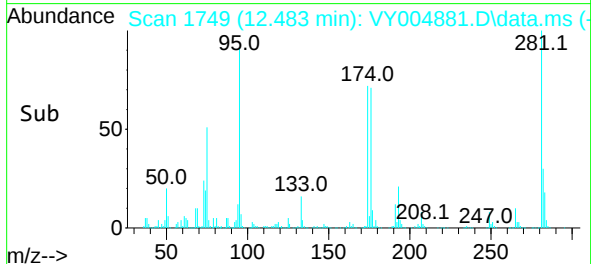
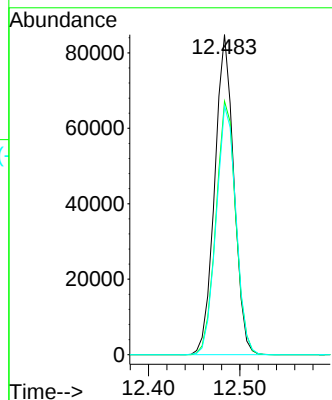
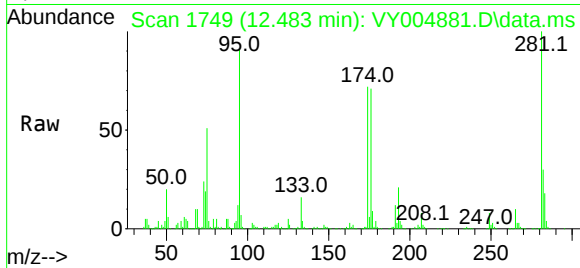




#62
4-Bromofluorobenzene
Concen: 49.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

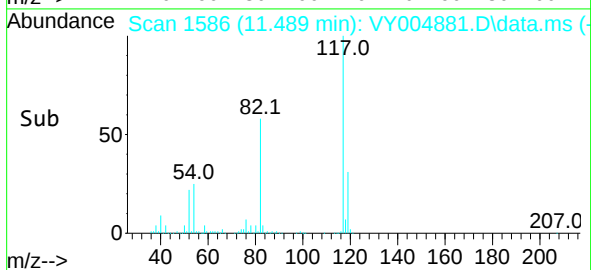
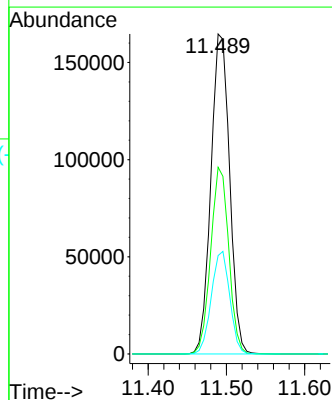
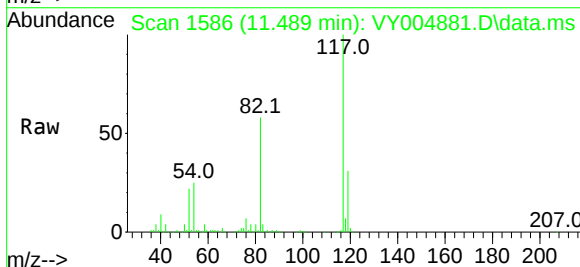
Instrument :
MSVOA_Y
ClientSampleId :
METRO-SP

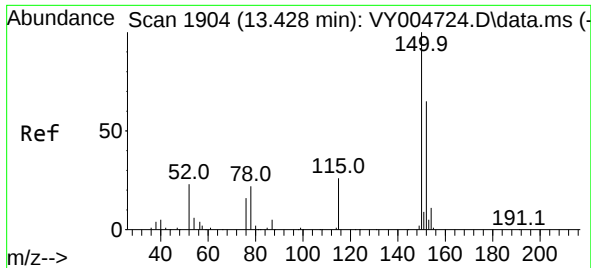
Tgt Ion: 95 Resp: 123259
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.2
176 80.6 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

Tgt Ion: 117 Resp: 273161
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.2
119 30.7 25.8 38.6

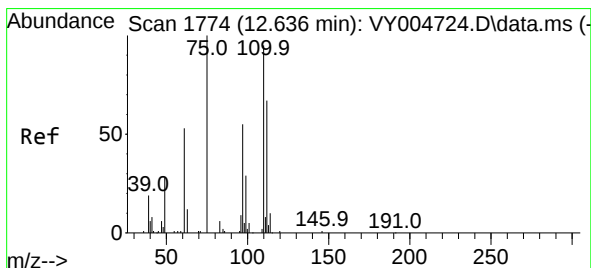
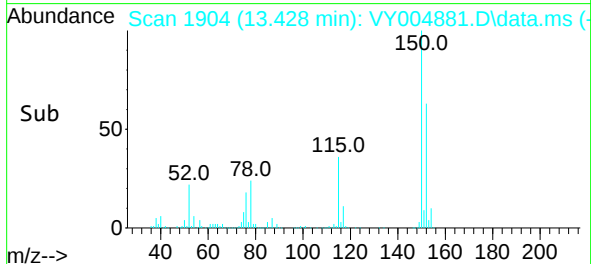
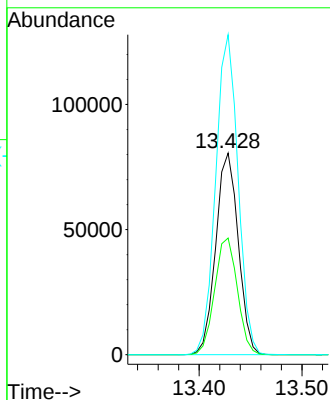
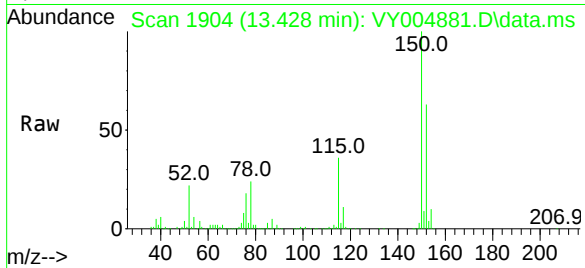




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

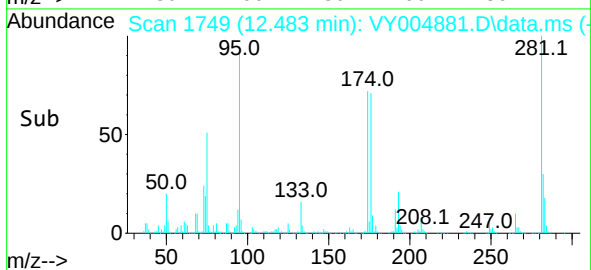
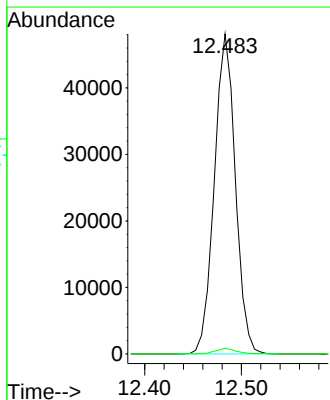
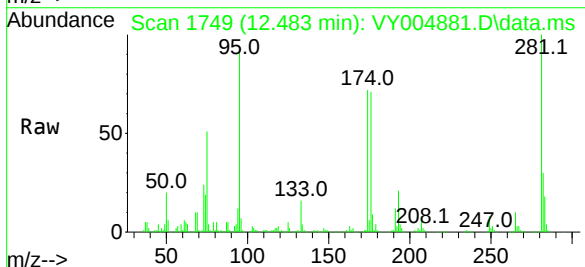
Instrument :
MSVOA_Y
ClientSampleId :
METRO-SP

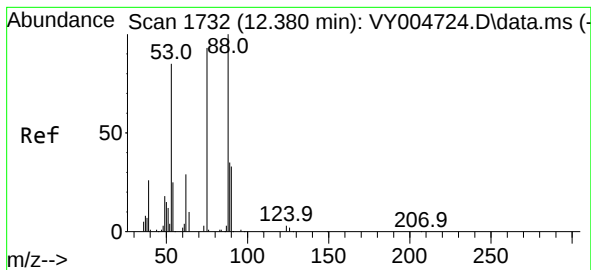
Tgt Ion:152 Resp: 122655
Ion Ratio Lower Upper
152 100
115 58.5 29.4 88.3
150 157.3 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 55.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004881.D
Acq: 26 May 2021 13:08

Tgt Ion: 75 Resp: 72502
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.50 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004881.D
 Acq: 26 May 2021 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 METRO-SP

Tgt Ion: 75 Resp: 72502
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 2.6 35.5 53.3#

