

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005101.D
 Acq On : 11 Jun 2021 02:30
 Operator : SY/MD
 Sample : M2672-16
 Misc : 8.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:07:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

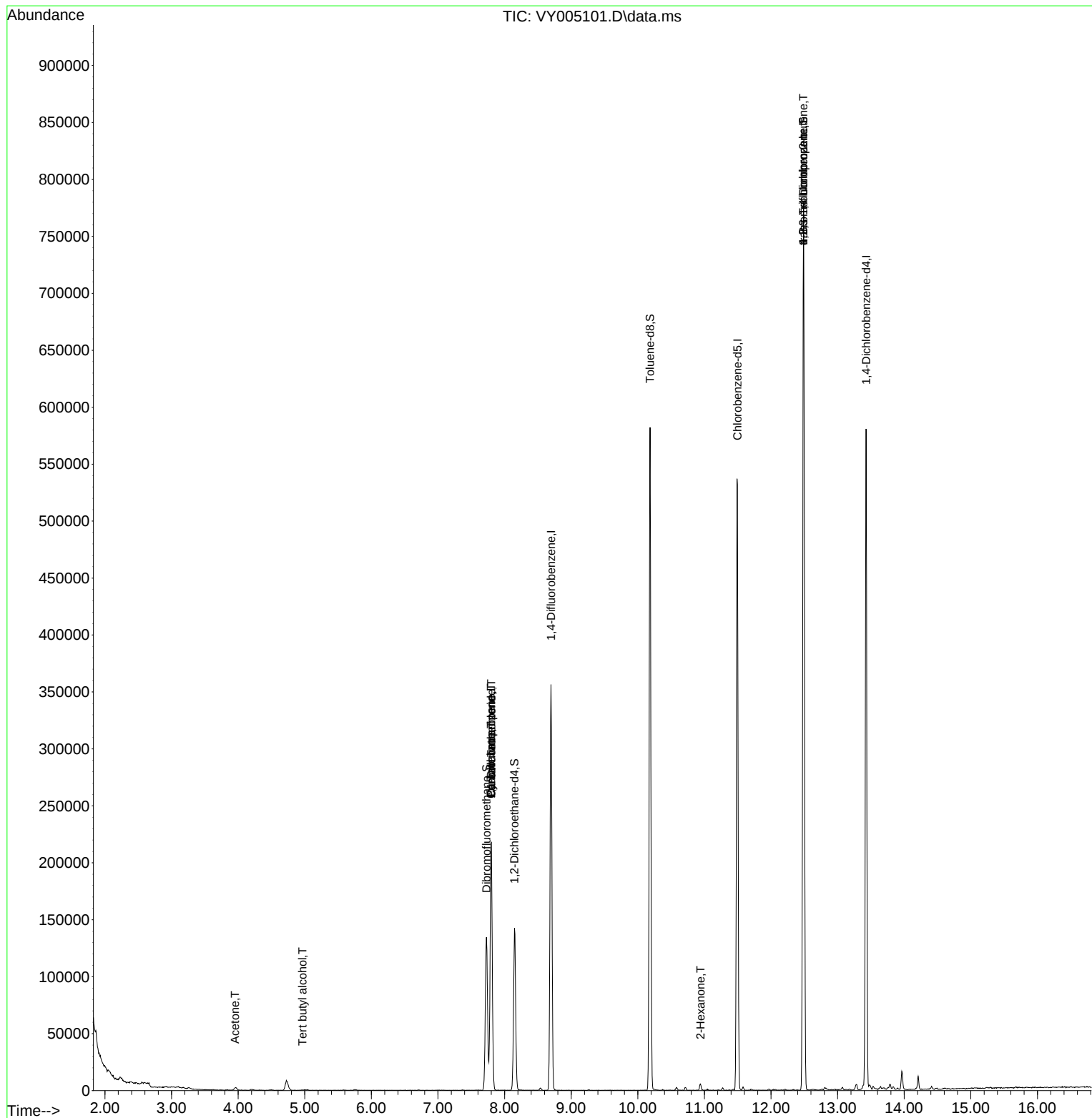
Internal Standards						
1) Pentafluorobenzene	7.801	168	166838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110229	62.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.000%	
35) Dibromofluoromethane	7.728	113	94311	57.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.860%	
50) Toluene-d8	10.185	98	375657	55.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.160%	
62) 4-Bromofluorobenzene	12.483	95	132214	56.371	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	774	3.816	ug/l #	74
16) Acetone	3.954	43	4188	9.864	ug/l	89
20) Methylene Chloride	4.728	84	6677	Below Cal		88
31) Cyclohexane	7.795	56	3394	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12837	4.298	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16675	6.415	ug/l #	16
59) 2-Hexanone	10.941	43	1307	1.046	ug/l #	30
76) 1,2,3-Trichloropropane	12.483	75	72801	46.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72801	85.892	ug/l #	16

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

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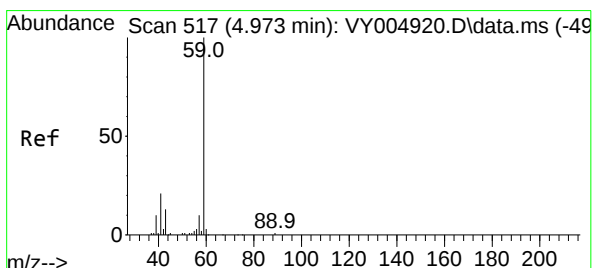
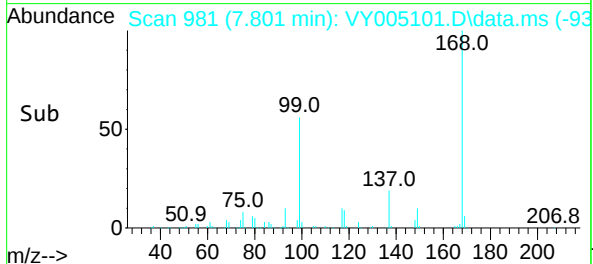
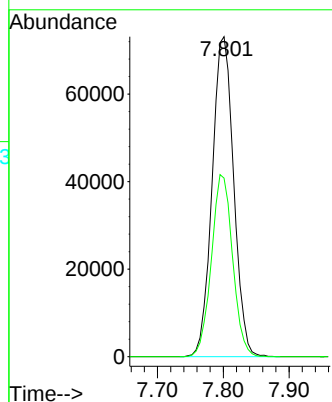
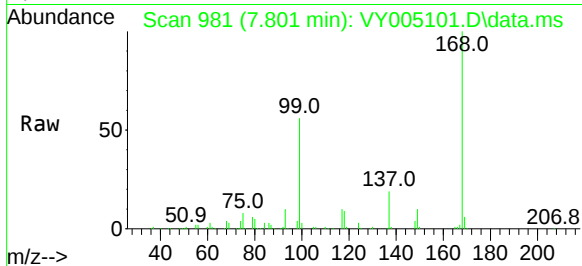




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

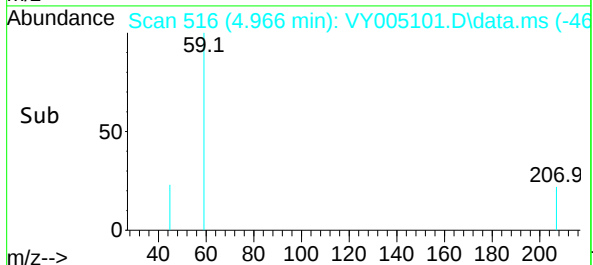
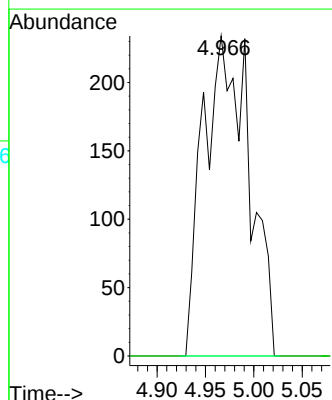
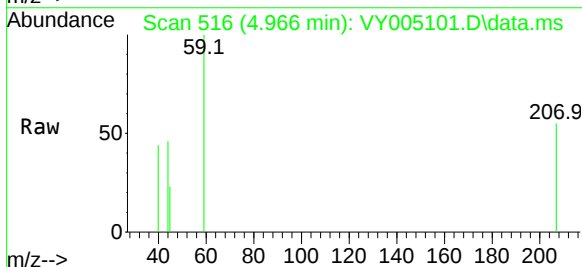
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 166838
Ion Ratio Lower Upper
168 100
99 55.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.816 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

Tgt Ion: 59 Resp: 774
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

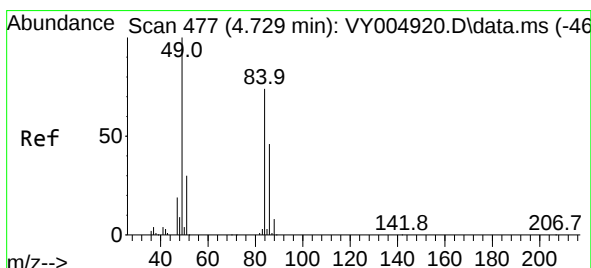
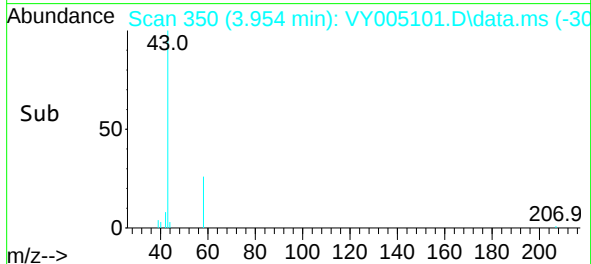
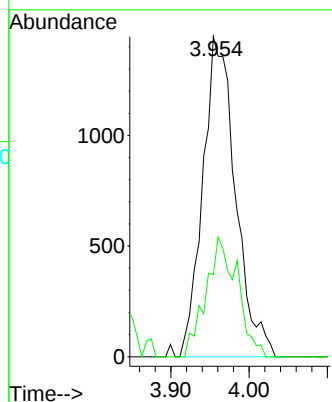
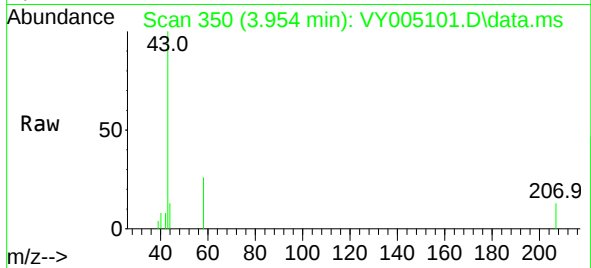




#16
Acetone
Concen: 9.864 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

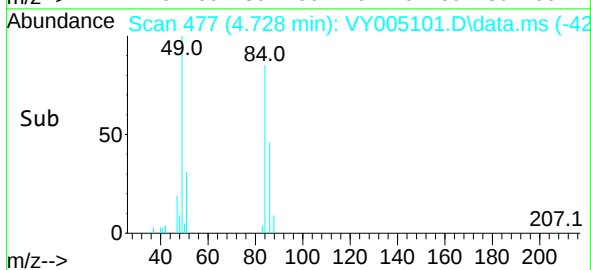
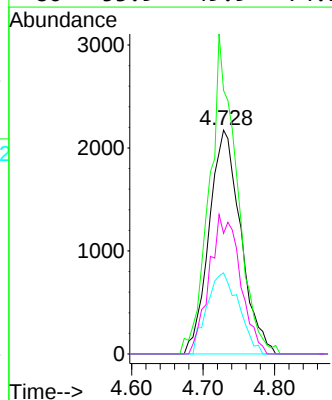
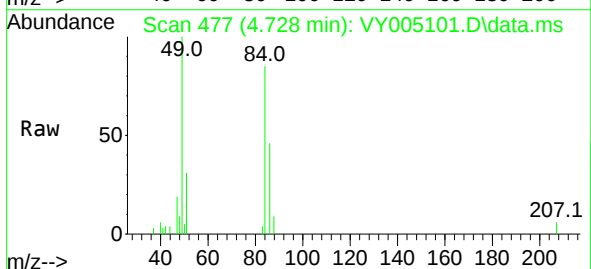
Instrument :
MSVOA_Y
ClientSampled :

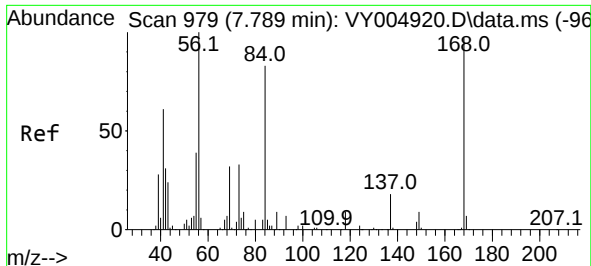
Tgt Ion: 43 Resp: 4188
Ion Ratio Lower Upper
43 100
58 25.7 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

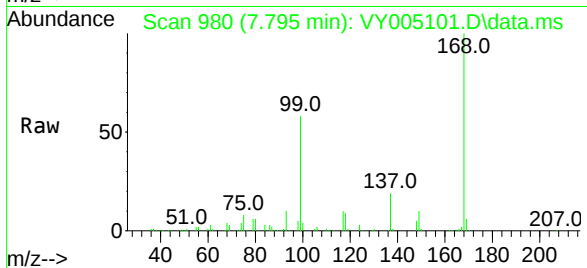
Tgt Ion: 84 Resp: 6677
Ion Ratio Lower Upper
84 100
49 117.8 108.0 162.0
51 36.3 32.6 48.8
86 53.9 49.9 74.9



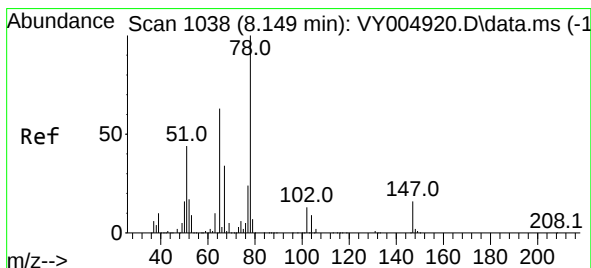
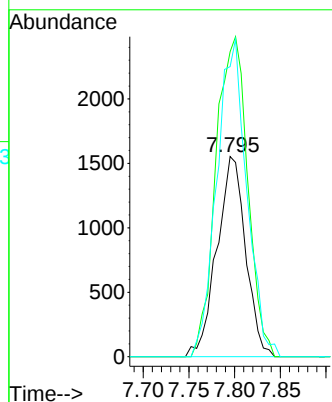
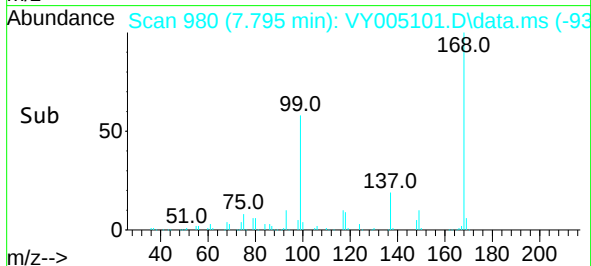


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

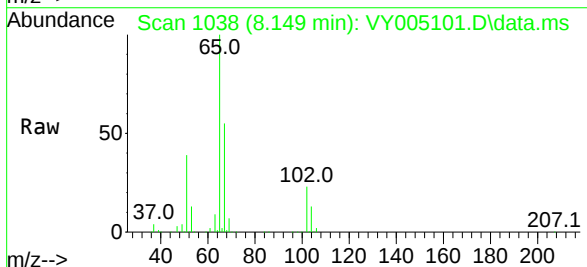
Instrument :
MSVOA_Y
ClientSampled :



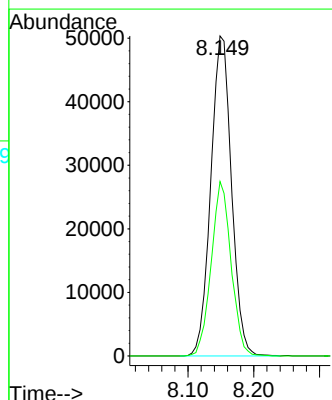
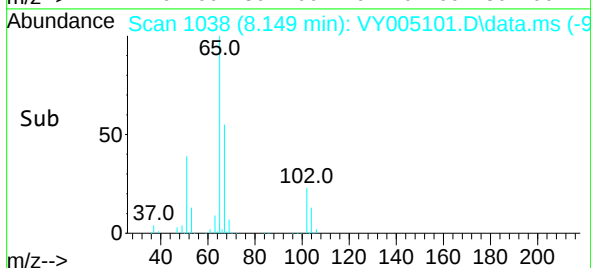
Tgt Ion: 56 Resp: 3394
Ion Ratio Lower Upper
56 100
69 152.4 25.3 37.9#
84 144.9 66.2 99.4#

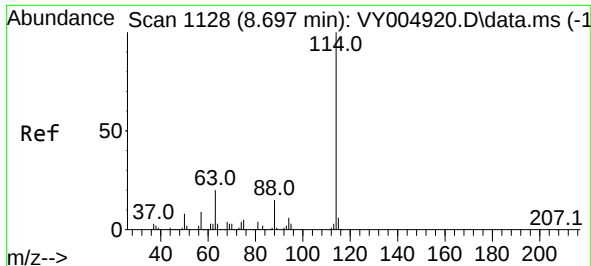


#33
1,2-Dichloroethane-d4
Concen: 62.496 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30



Tgt Ion: 65 Resp: 110229
Ion Ratio Lower Upper
65 100
67 52.3 0.0 110.6

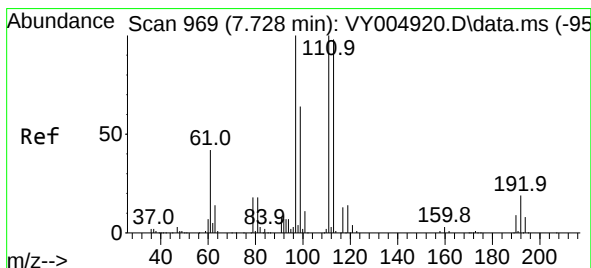
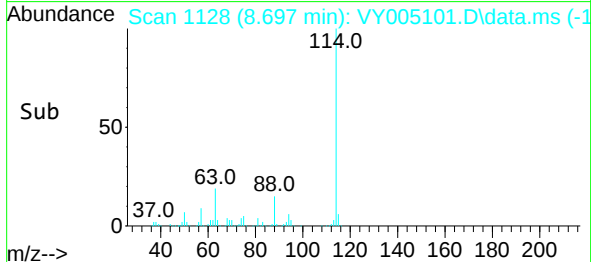
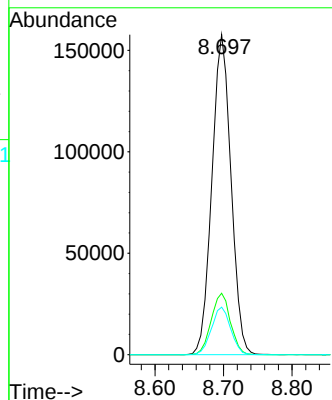
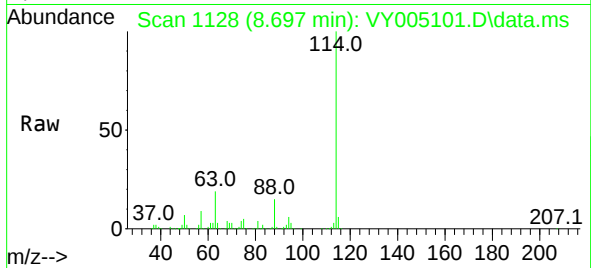




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

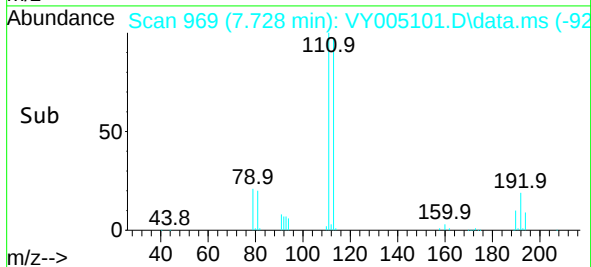
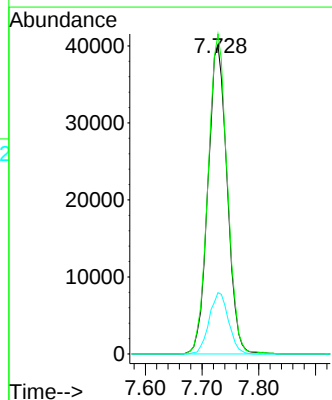
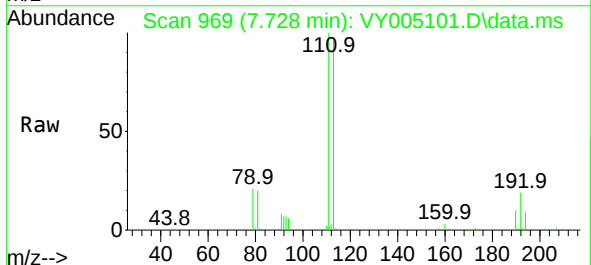
Instrument :
MSVOA_Y
ClientSampleId :

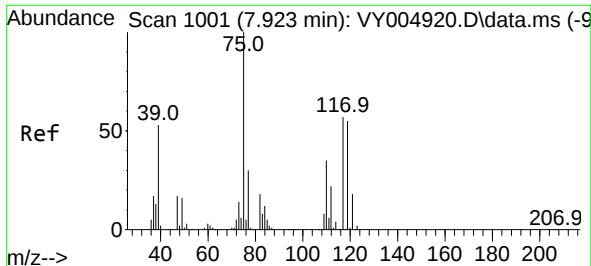
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.0
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 57.434 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	19.9	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.298 ug/l

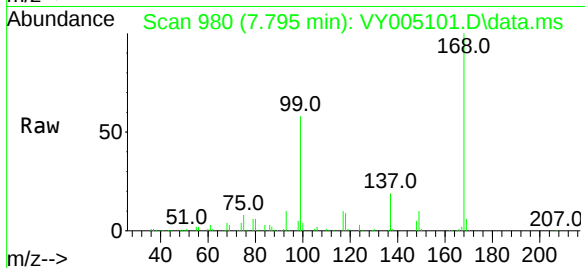
RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

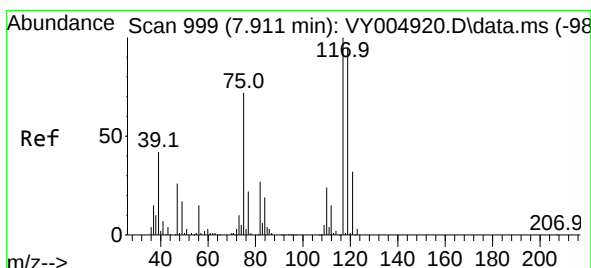
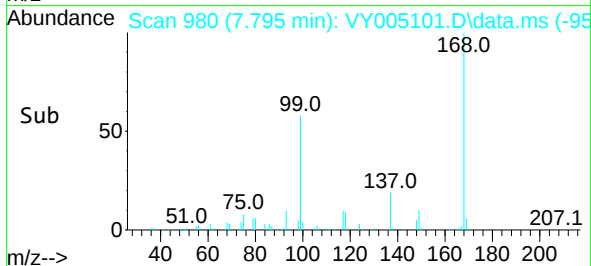
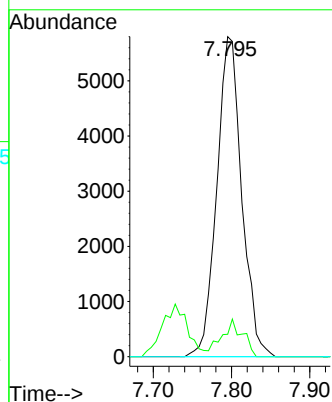
Lab File: VY005101.D

Acq: 11 Jun 2021 02:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75	Resp: 12837
Ion Ratio	Lower Upper
75	100
110	9.7 17.5 52.5#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.415 ug/l

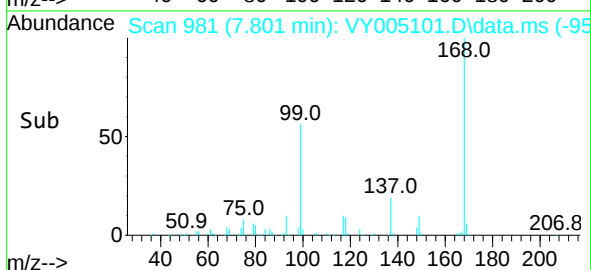
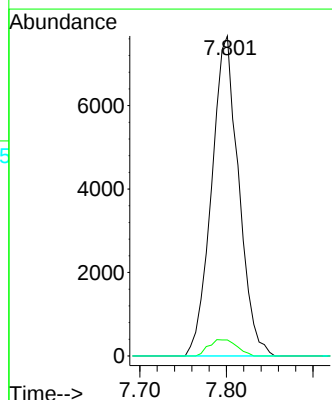
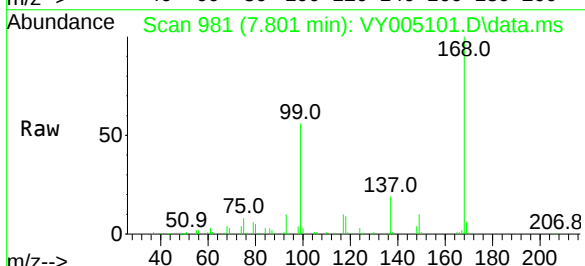
RT: 7.801 min Scan# 981

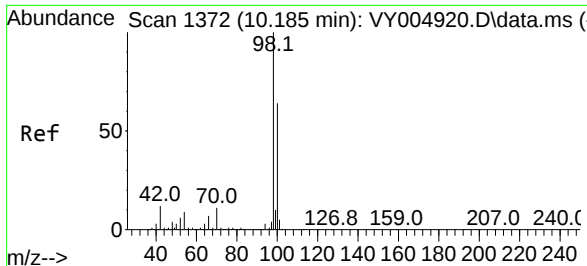
Delta R.T. -0.110 min

Lab File: VY005101.D

Acq: 11 Jun 2021 02:30

Tgt Ion: 117	Resp: 16675
Ion Ratio	Lower Upper
117	100
119	5.0 76.1 114.1#
121	0.0 25.5 38.3#

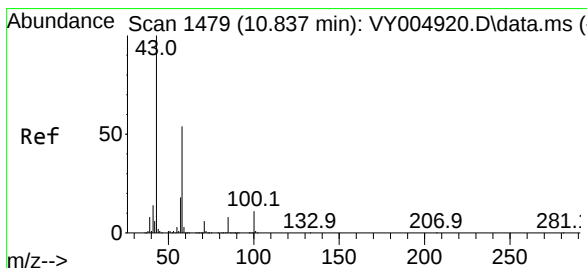
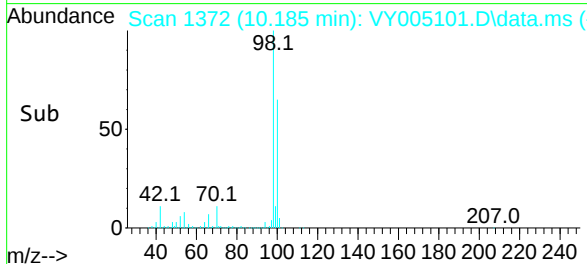
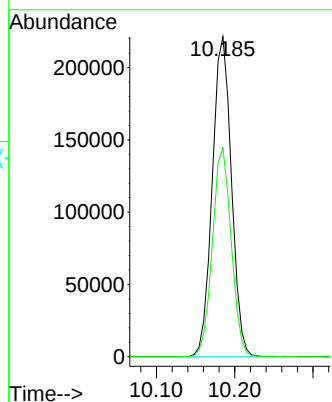
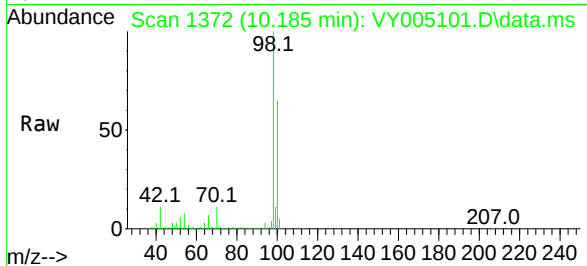




#50
Toluene-d8
Concen: 55.084 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

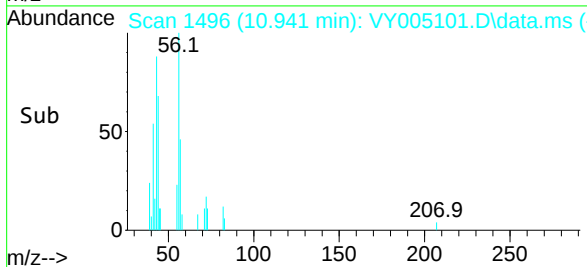
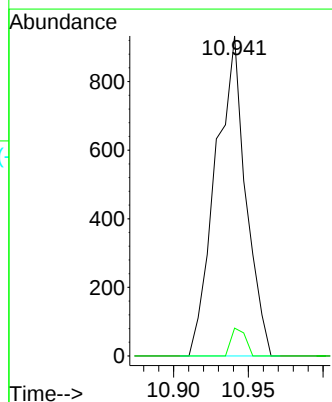
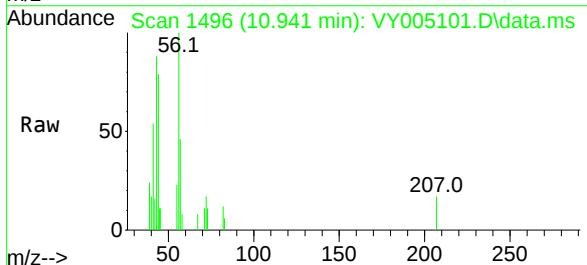
Instrument :
MSVOA_Y
ClientSampled :

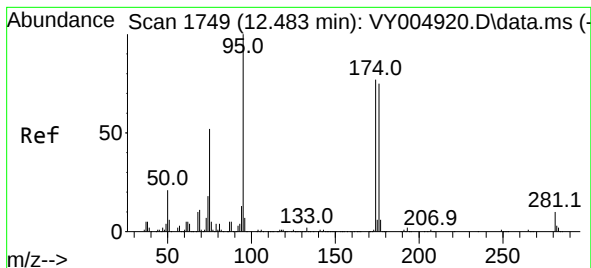
Tgt Ion: 98 Resp: 375657
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#59
2-Hexanone
Concen: 1.046 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.103 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 4.1 27.0 80.8#

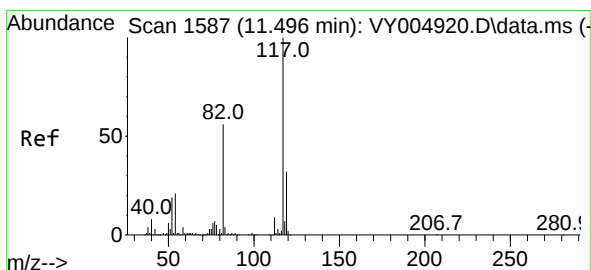
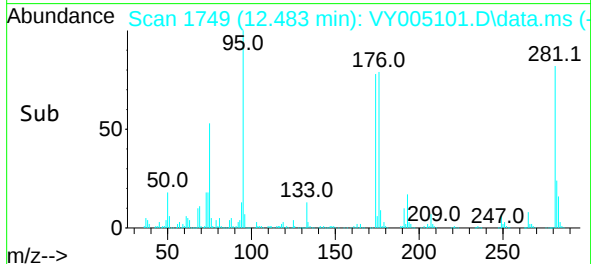
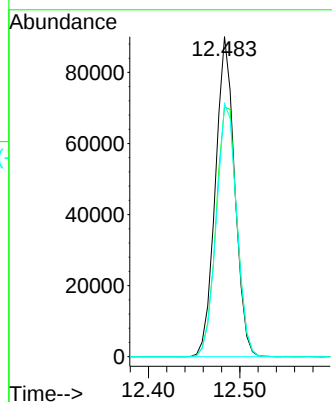
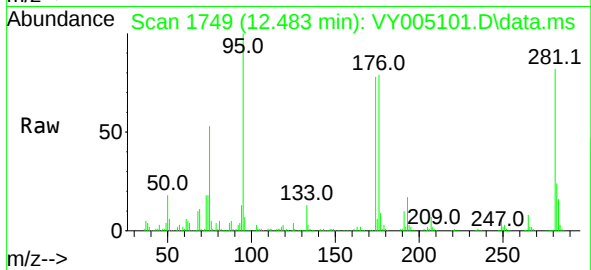




#62
4-Bromofluorobenzene
Concen: 56.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

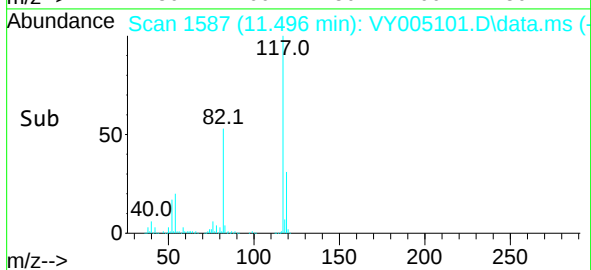
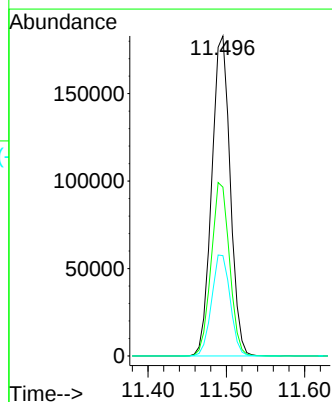
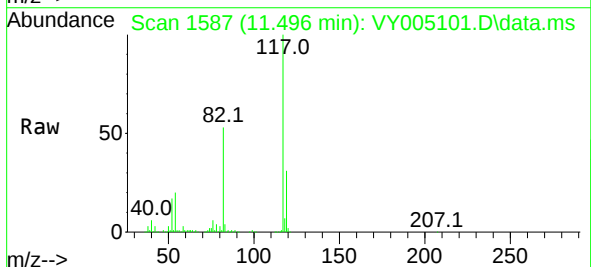
Instrument :
MSVOA_Y
ClientSampled :

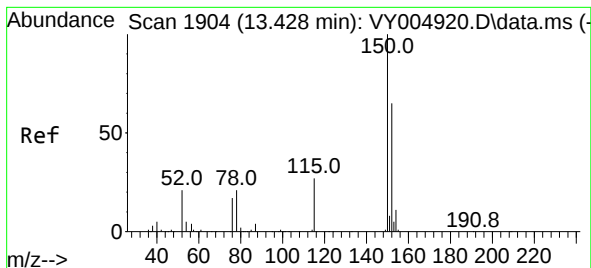
Tgt Ion: 95 Resp: 132214
Ion Ratio Lower Upper
95 100
174 84.8 0.0 160.8
176 83.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

Tgt Ion: 117 Resp: 299119
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 31.4 25.2 37.8

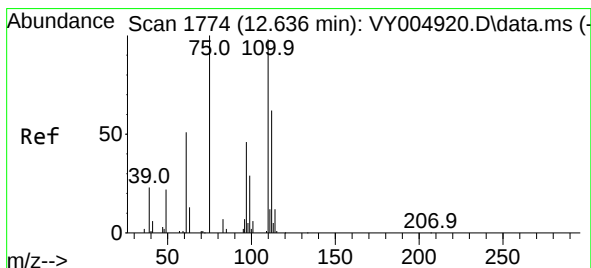
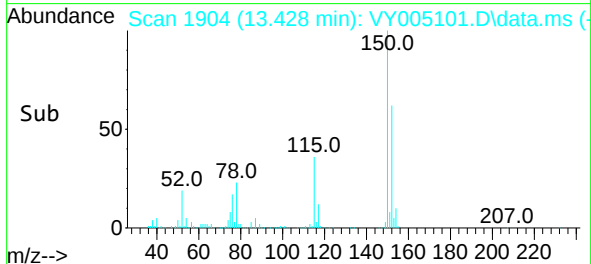
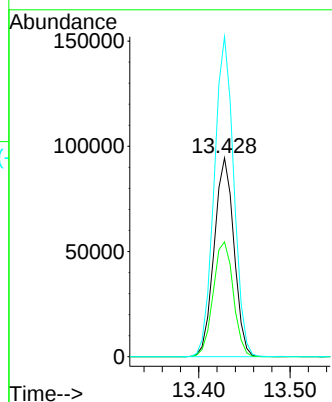
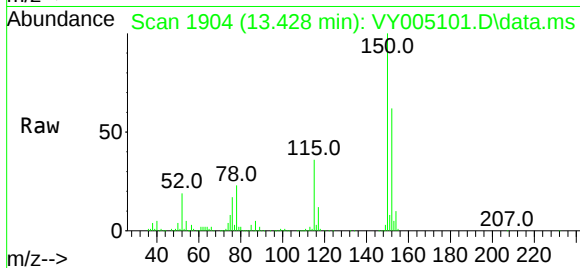




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

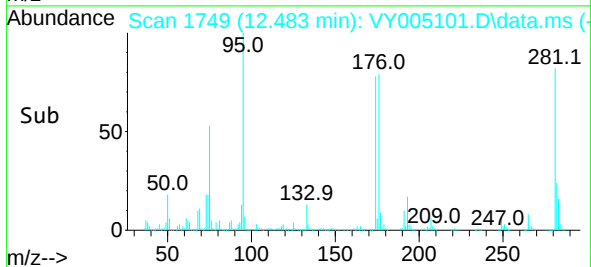
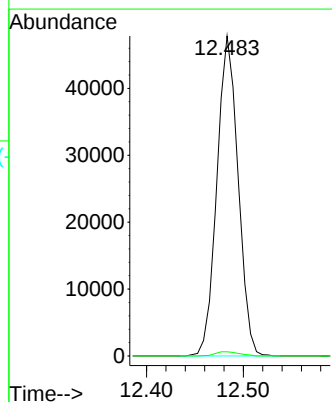
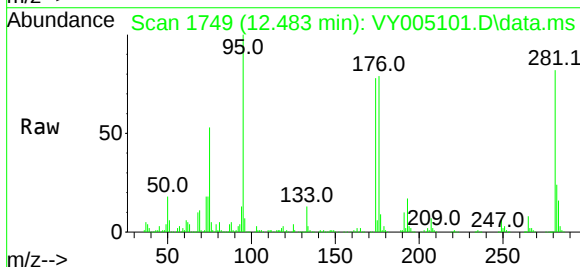
Instrument :
MSVOA_Y
ClientSampled :

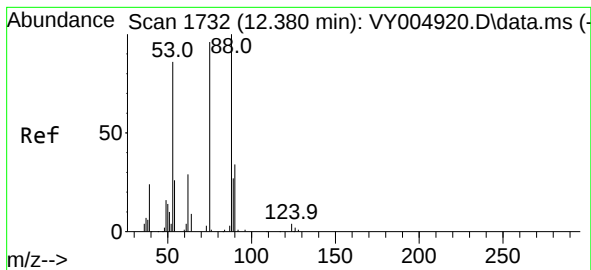
Tgt Ion:152 Resp: 142098
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 159.4 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 46.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

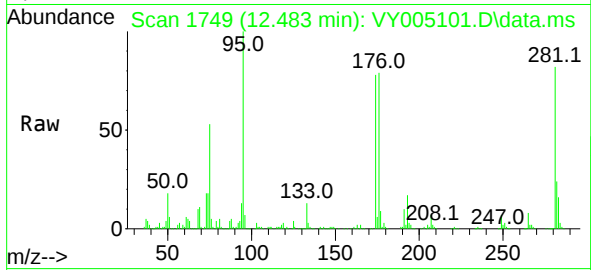
Tgt Ion: 75 Resp: 72801
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.892 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005101.D
Acq: 11 Jun 2021 02:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.3	103.9#
89	2.2	35.0	52.6#

