

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005250.D
 Acq On : 28 Jun 2021 15:37
 Operator : SY/MD
 Sample : M2857-01RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-9.5-10.0RE

Quant Time: Jun 29 01:17:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

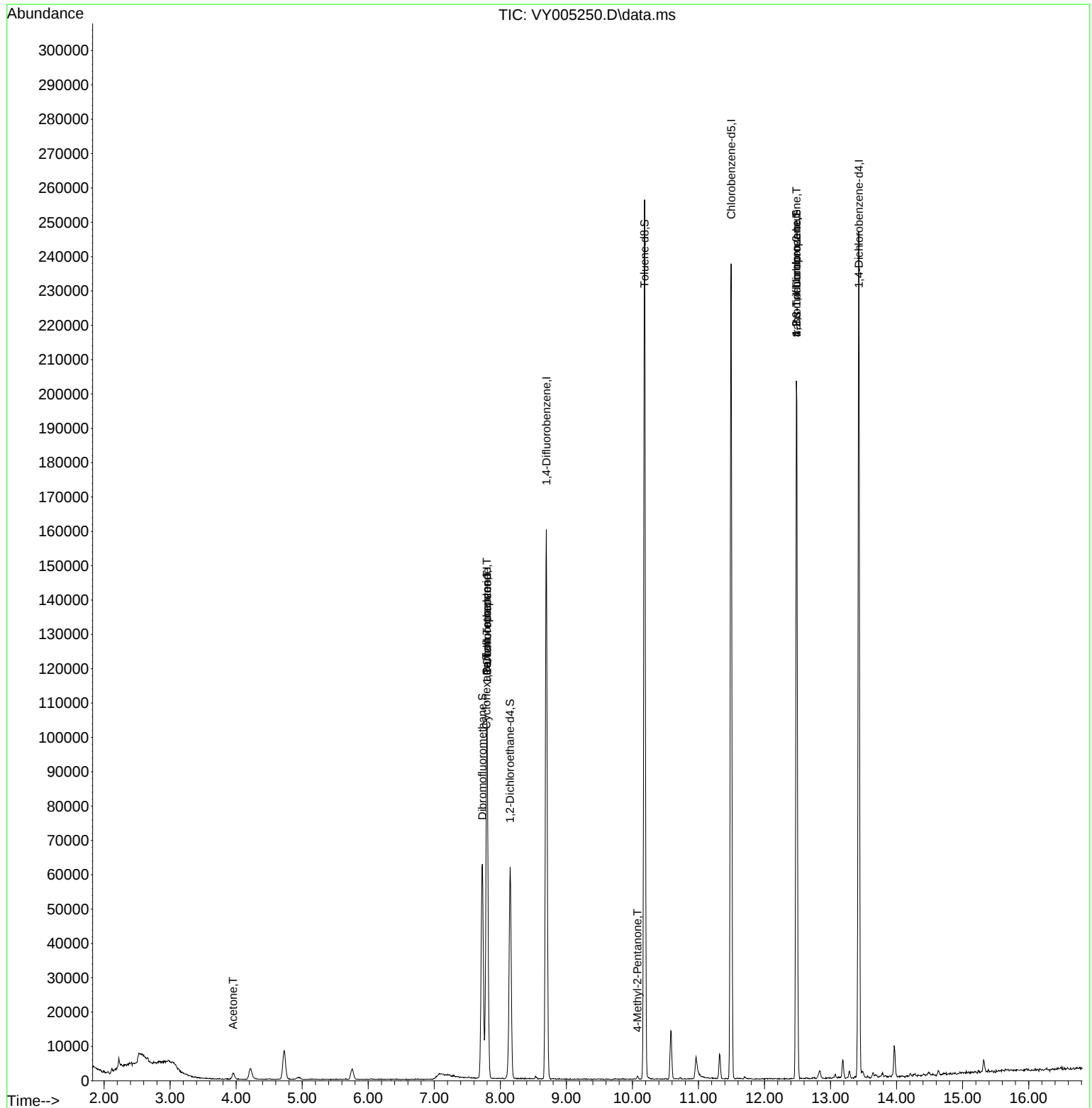
Internal Standards						
1) Pentafluorobenzene	7.795	168	88264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	138630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	134688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	47187	64.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.840%			
35) Dibromofluoromethane	7.728	113	44203	54.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.140%			
50) Toluene-d8	10.185	98	168533	51.546	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.483	95	54658	50.168	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.340%			
Target Compounds						
11) Tert butyl alcohol	4.948	59	680	Below Cal	#	77
16) Acetone	3.954	43	3266	19.302	ug/l	96
20) Methylene Chloride	4.722	84	6435	Below Cal		99
31) Cyclohexane	7.789	56	1406	1.075	ug/l	# 2
36) 1,1-Dichloropropene	7.801	75	5852	4.794	ug/l	# 47
38) Carbon Tetrachloride	7.795	117	7615	5.959	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.075	43	629	1.039	ug/l	87
76) 1,2,3-Trichloropropane	12.483	75	27438	46.780	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	27438	87.280	ug/l	# 17

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

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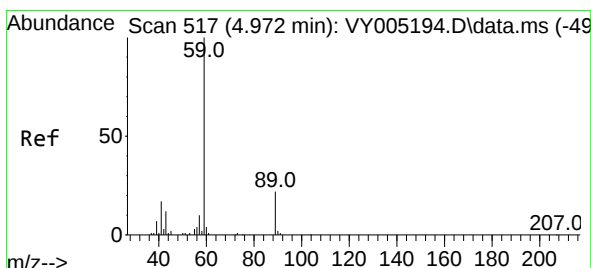
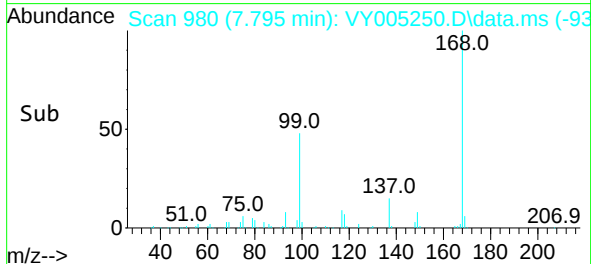
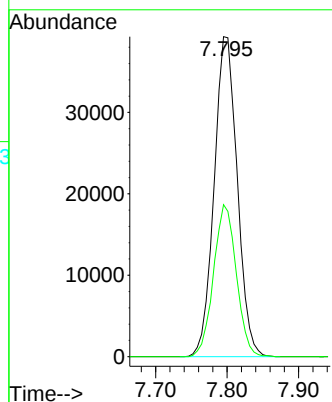
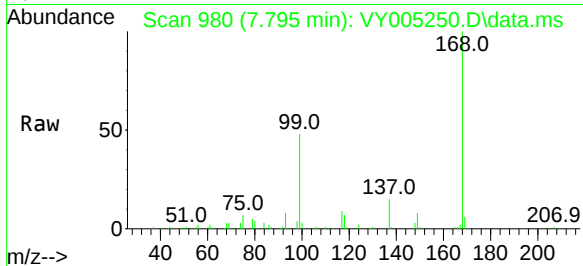




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

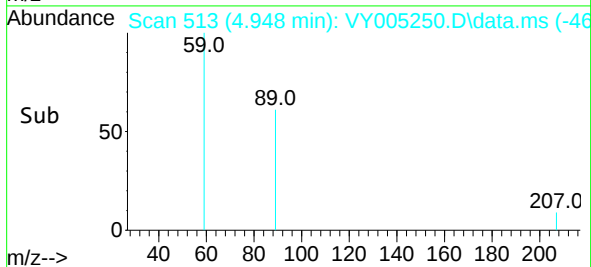
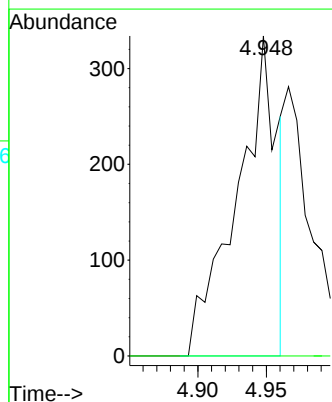
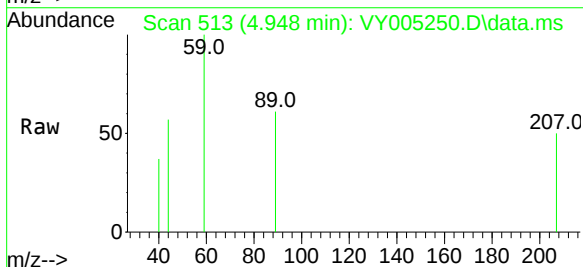
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-9.5-10.0RE

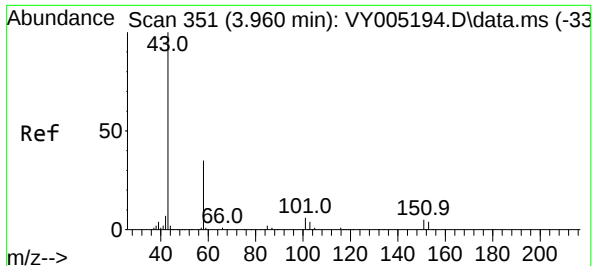
Tgt Ion:168 Resp: 88264
Ion Ratio Lower Upper
168 100
99 47.5 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

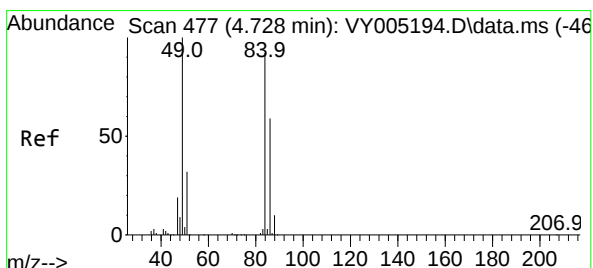
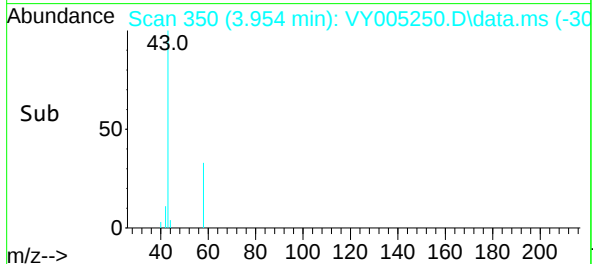
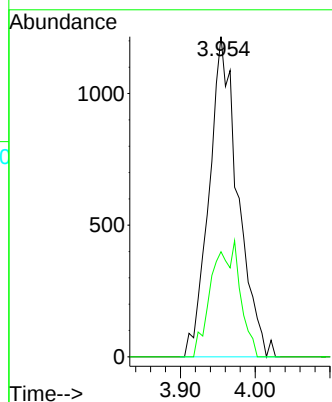
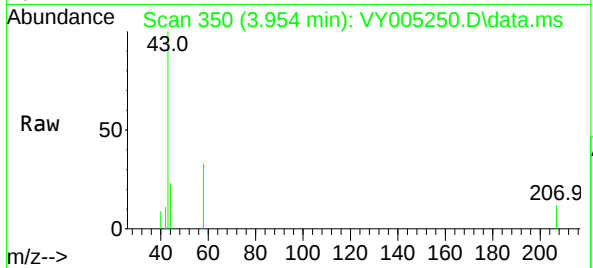




#16
Acetone
Concen: 19.302 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

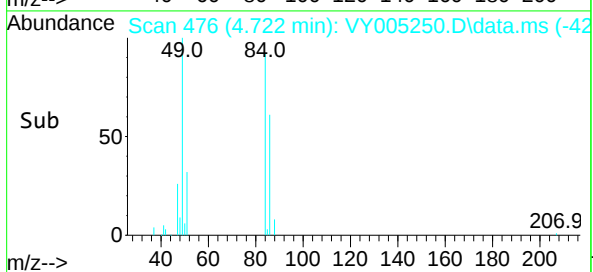
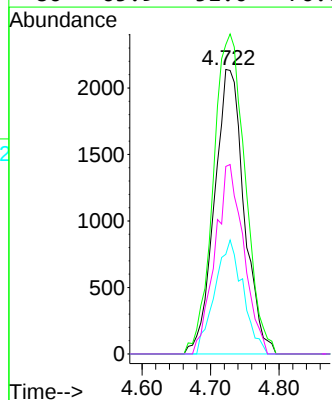
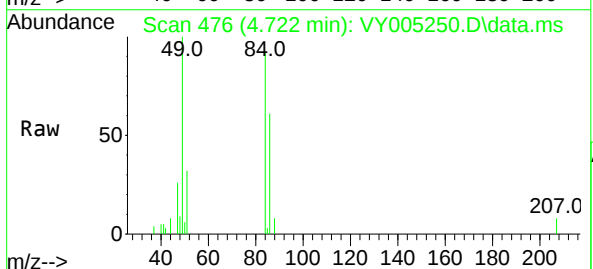
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-9.5-10.0RE

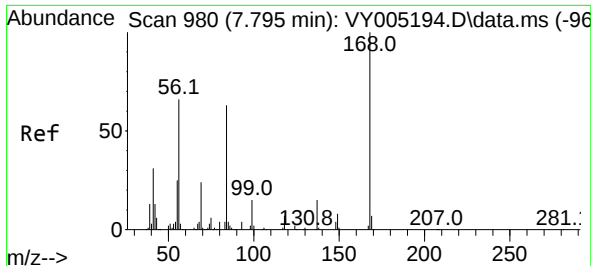
Tgt Ion: 43 Resp: 3266
Ion Ratio Lower Upper
43 100
58 32.8 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

Tgt Ion: 84 Resp: 6435
Ion Ratio Lower Upper
84 100
49 108.7 86.9 130.3
51 35.1 27.4 41.2
86 65.9 51.0 76.6

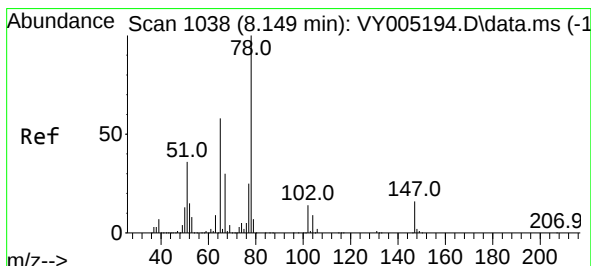
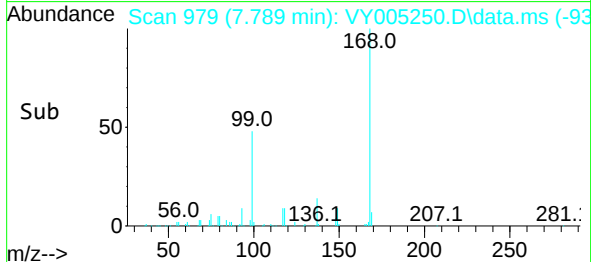
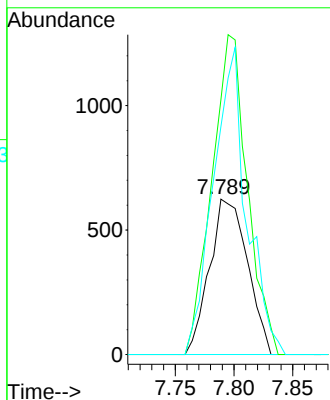
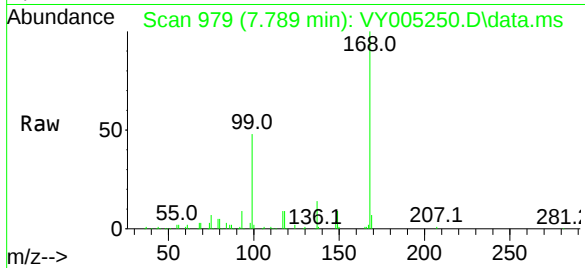




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

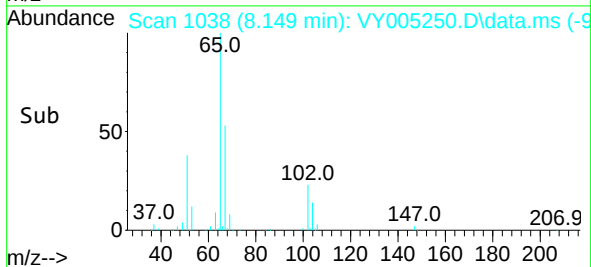
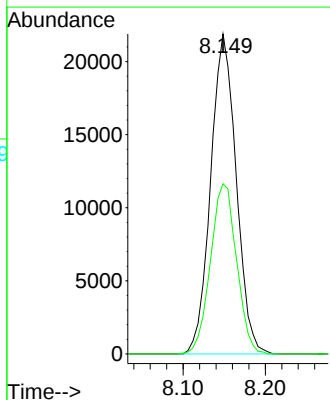
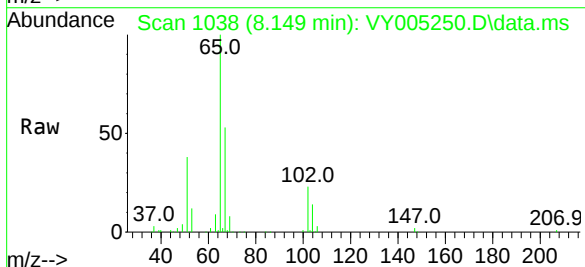
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-9.5-10.0RE

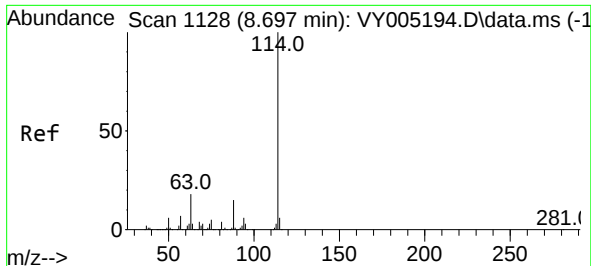
Tgt Ion: 56 Resp: 1406
Ion Ratio Lower Upper
56 100
69 164.1 29.6 44.4#
84 146.8 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 64.422 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

Tgt Ion: 65 Resp: 47187
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6

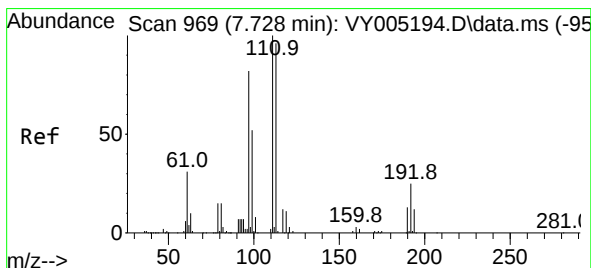
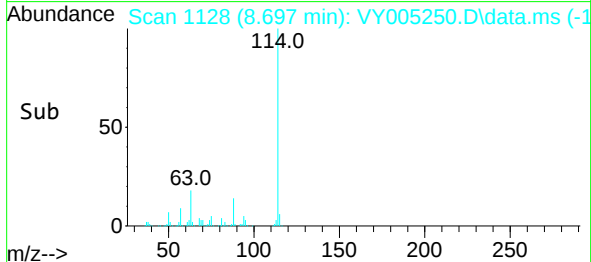
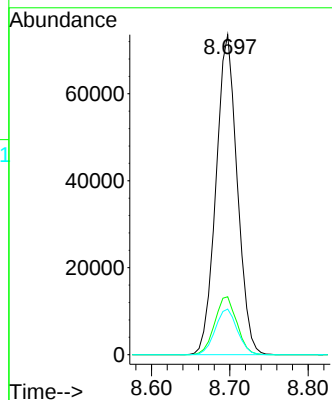
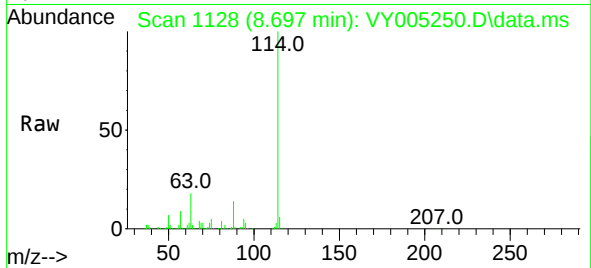




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

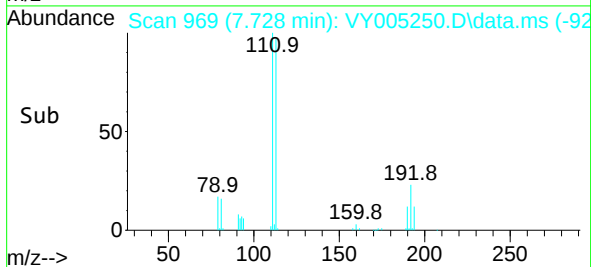
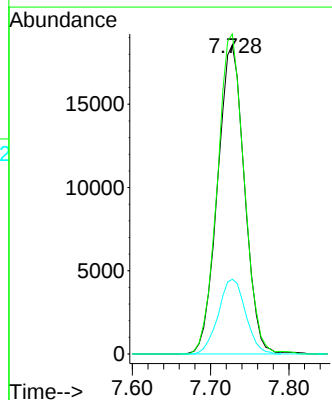
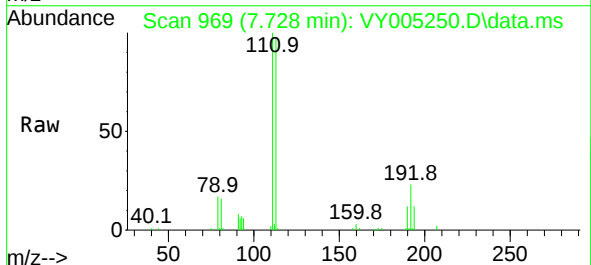
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-9.5-10.0RE

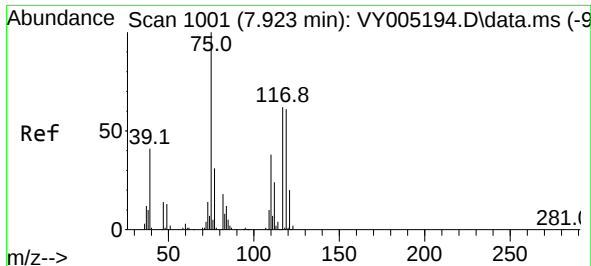
Tgt Ion:	114	Resp:	138630
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	35.2
88	14.3	0.0	29.4



#35
Dibromofluoromethane
Concen: 54.066 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

Tgt Ion:	113	Resp:	44203
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.6	124.0
192	24.5	20.2	30.2

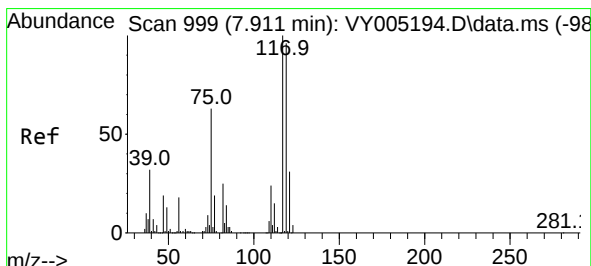
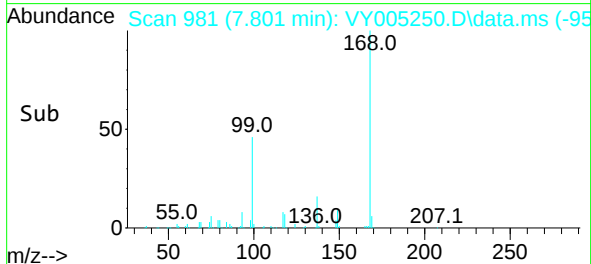
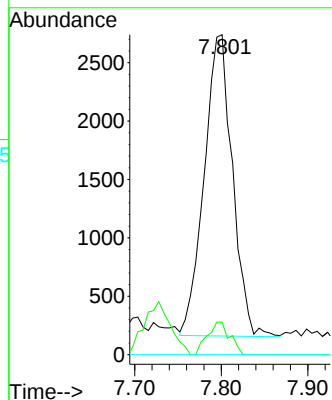
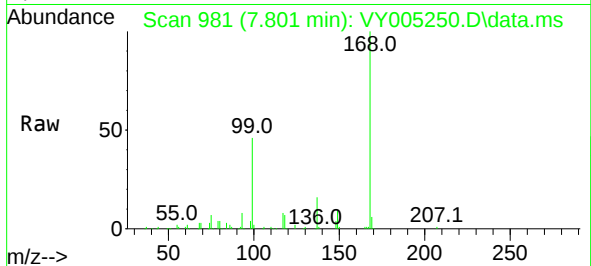




#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

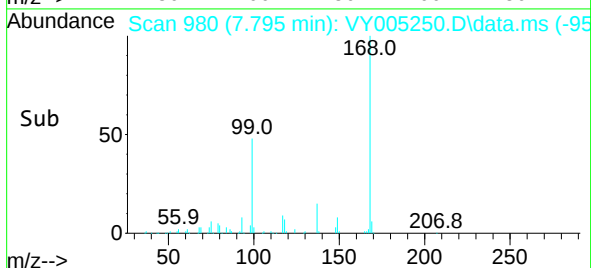
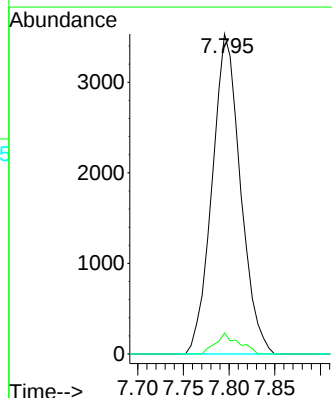
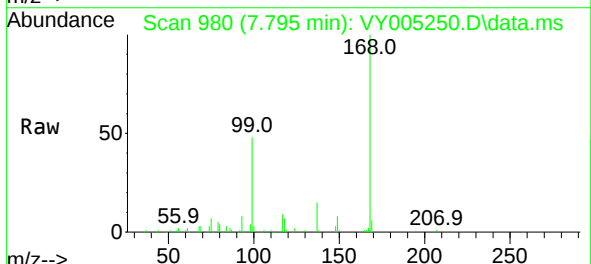
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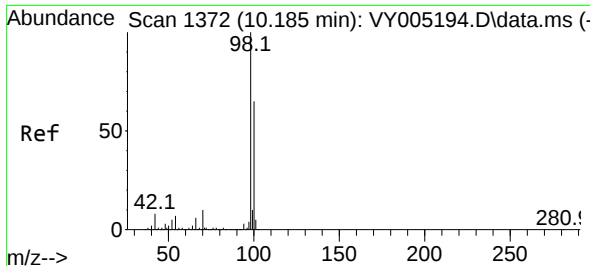
Tgt Ion: 75 Resp: 5852
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

Tgt Ion: 117 Resp: 7615
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.4#
121 0.0 24.7 37.1#

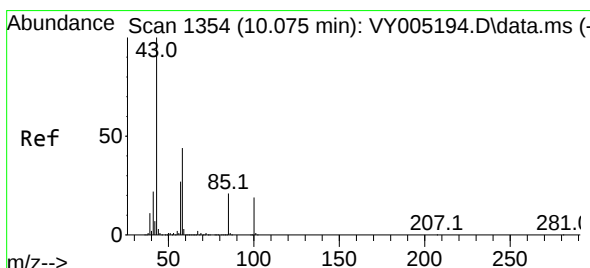
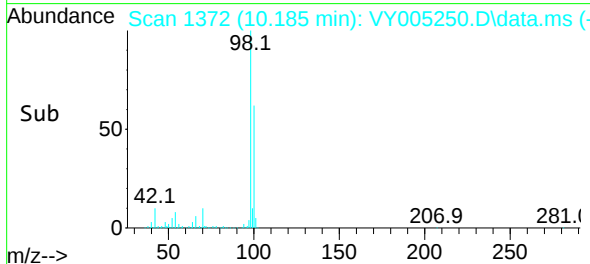
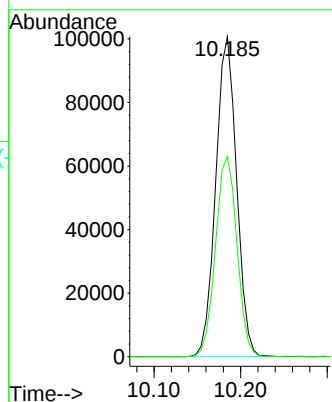
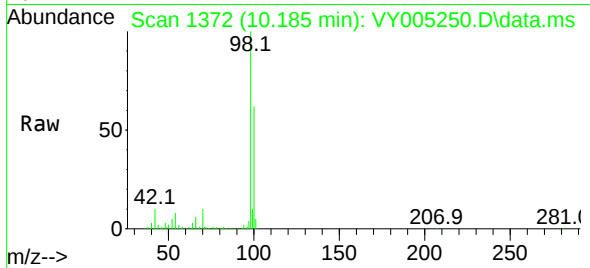




#50
Toluene-d8
Concen: 51.546 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

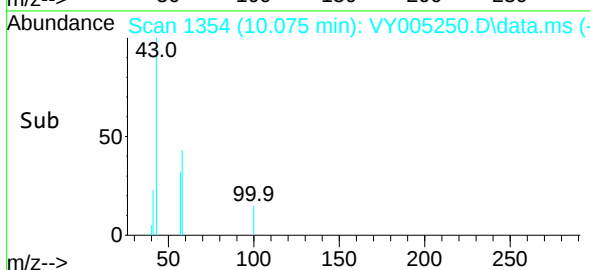
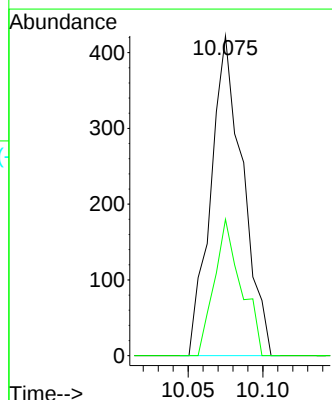
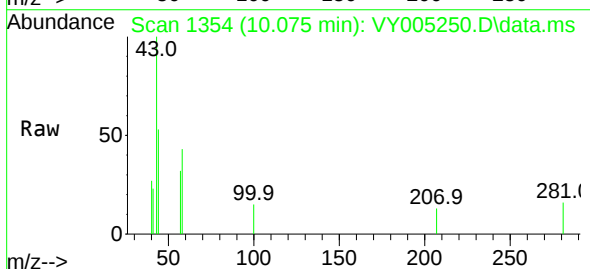
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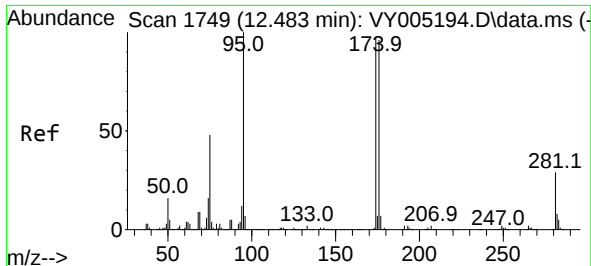
Tgt Ion: 98 Resp: 168533
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.039 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 35.8 35.3 52.9

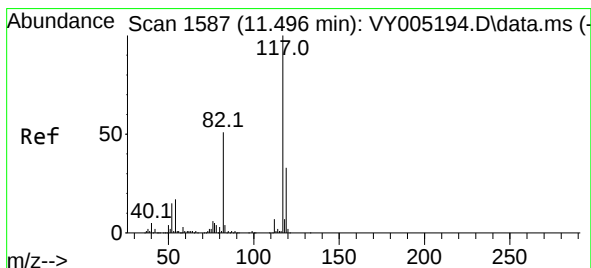
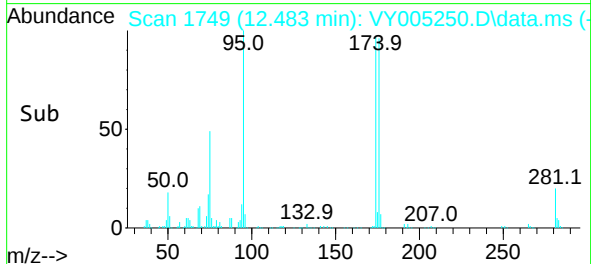
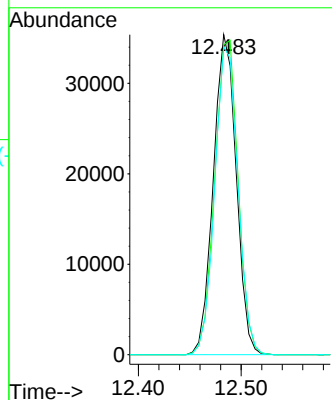
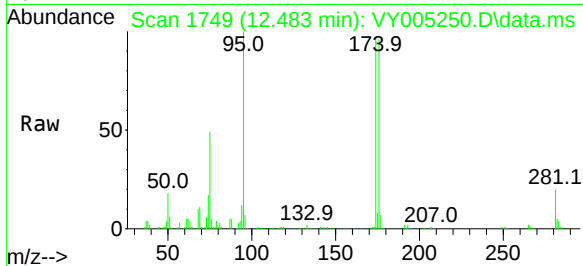




#62
4-Bromofluorobenzene
Concen: 50.168 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

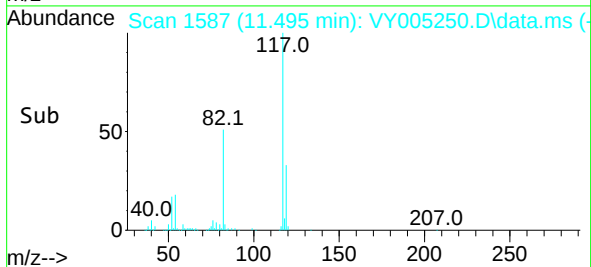
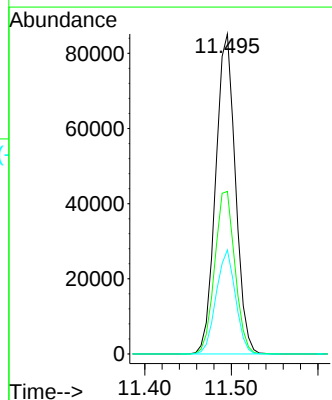
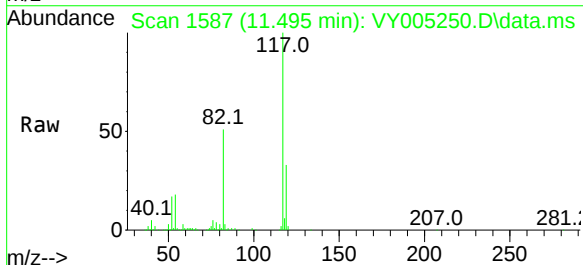
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-9.5-10.0RE

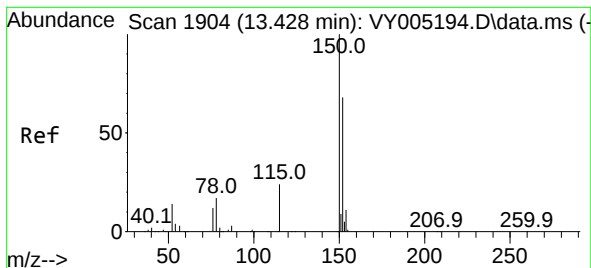
Tgt Ion:	95	Resp:	54658
Ion	Ratio	Lower	Upper
95	100		
174	100.4	0.0	201.6
176	97.3	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005250.D
Acq: 28 Jun 2021 15:37

Tgt Ion:	117	Resp:	134688
Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.6	60.8
119	32.5	26.1	39.1

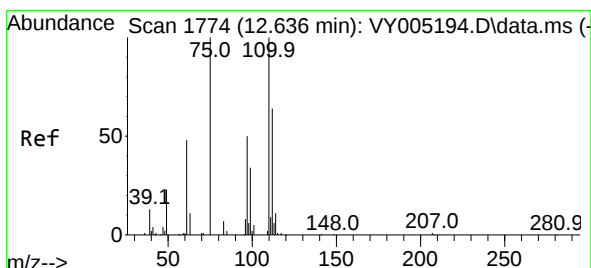
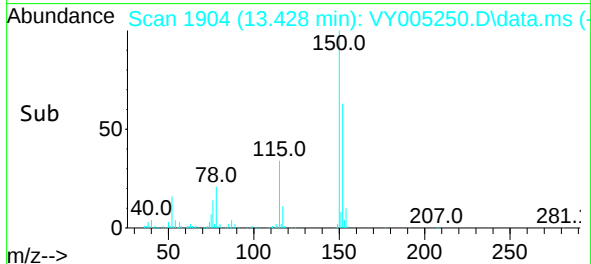
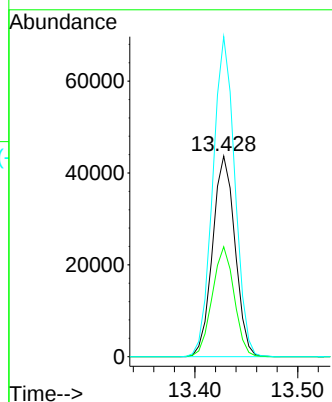
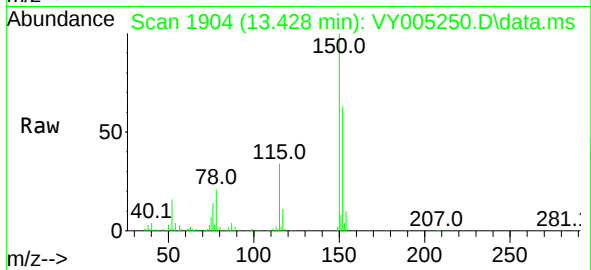




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005250.D
 Acq: 28 Jun 2021 15:37

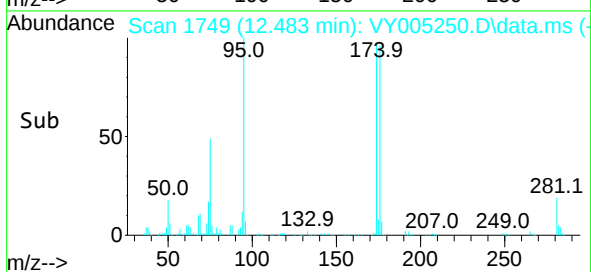
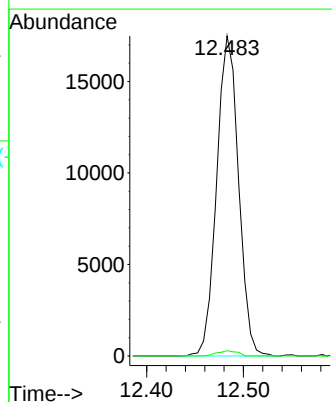
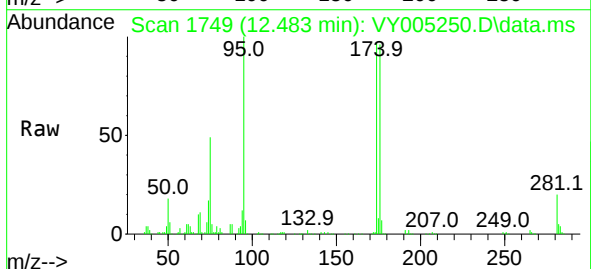
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-9.5-10.0RE

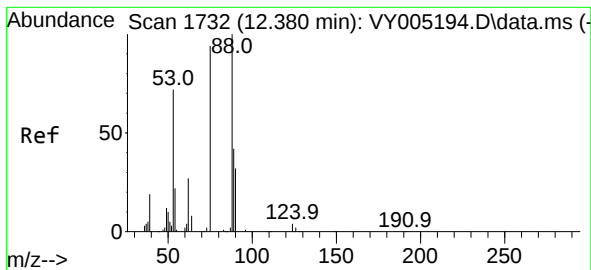
Tgt Ion:152 Resp: 66134
 Ion Ratio Lower Upper
 152 100
 115 53.6 26.3 78.8
 150 157.0 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 46.780 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005250.D
 Acq: 28 Jun 2021 15:37

Tgt Ion: 75 Resp: 27438
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.280 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005250.D
 Acq: 28 Jun 2021 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-9.5-10.0RE

Tgt Ion: 75 Resp: 27438
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 38.0 57.0#

