

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006096.D
 Acq On : 20 Sep 2021 15:08
 Operator : SY/MD
 Sample : M3797-03
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 02:11:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

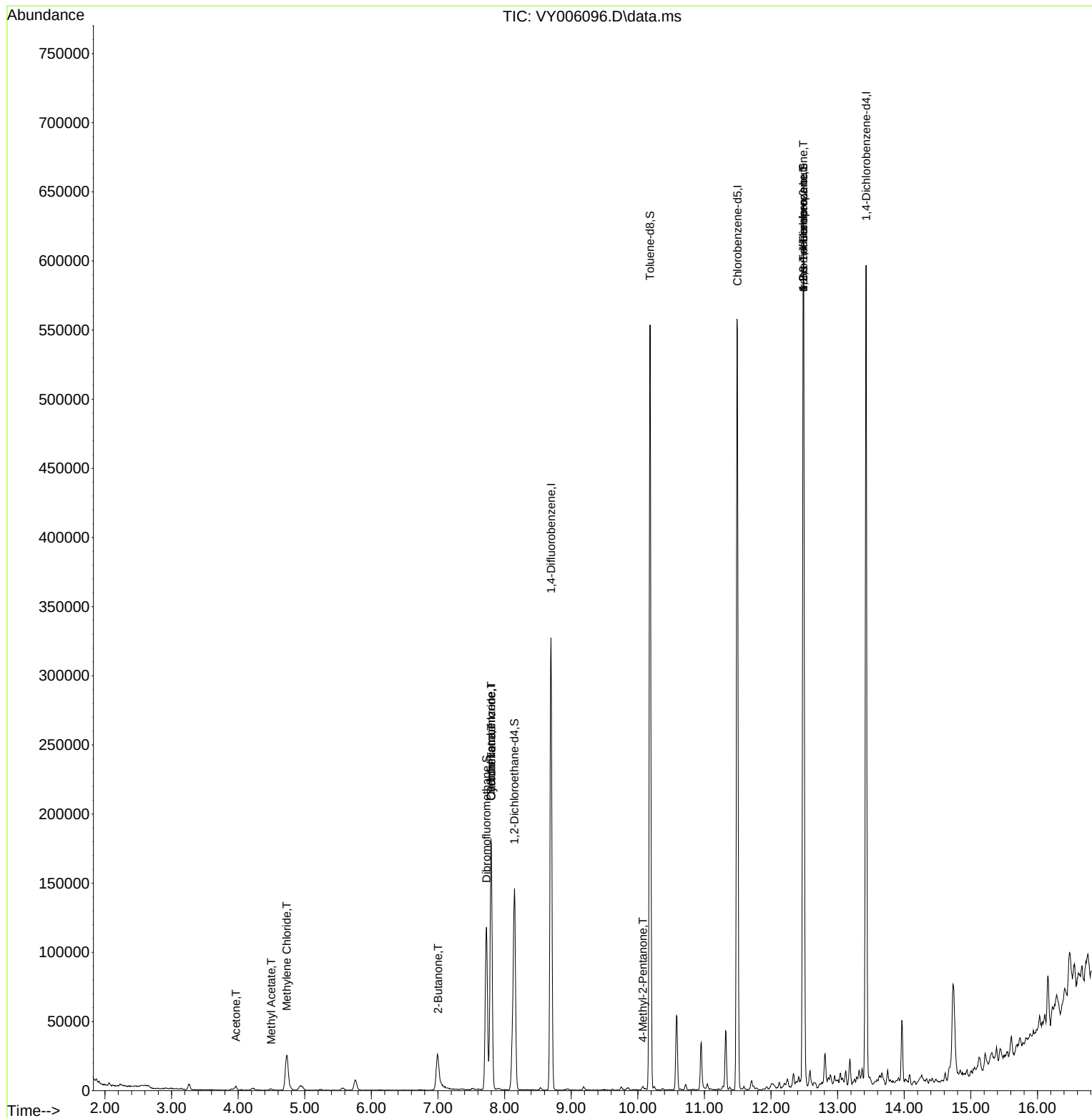
Internal Standards						
1) Pentafluorobenzene	7.795	168	137815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	262107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	287539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	104468	54.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.140%	
35) Dibromofluoromethane	7.728	113	80856	49.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.340%	
50) Toluene-d8	10.185	98	346217	49.897	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.483	95	138549	58.813	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	4670	Below Cal	#	77
16) Acetone	3.966	43	4492	8.555	ug/l	95
18) Methyl Acetate	4.497	43	1668	1.261	ug/l	100
20) Methylene Chloride	4.728	84	18095	7.053	ug/l	98
25) 2-Butanone	7.002	43	2217	3.063	ug/l #	75
31) Cyclohexane	7.801	56	4232	1.380	ug/l #	29
38) Carbon Tetrachloride	7.801	117	13598	4.415	ug/l #	14
51) 4-Methyl-2-Pentanone	10.075	43	1967	1.014	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	79477	53.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79477	97.745	ug/l #	8

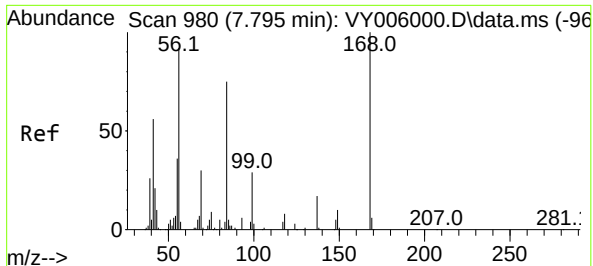
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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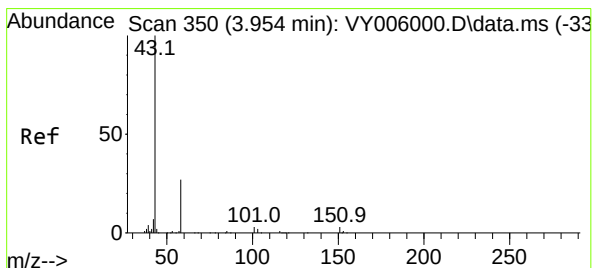
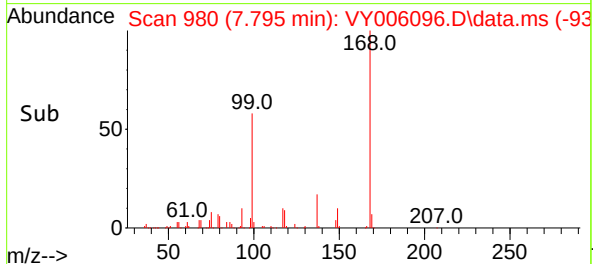
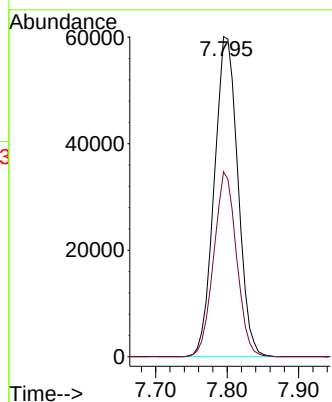
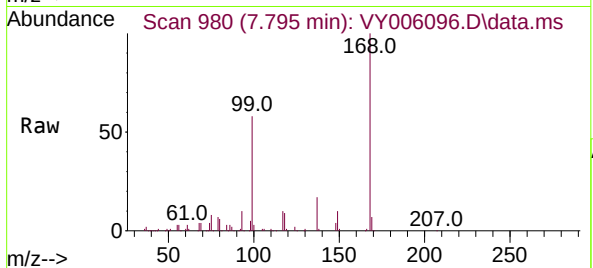




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

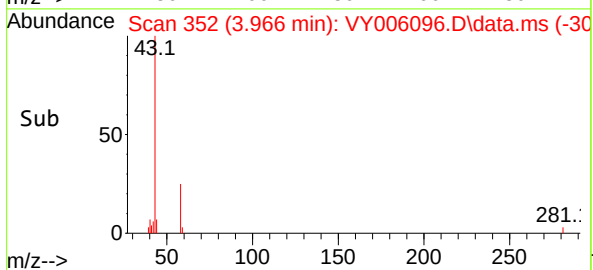
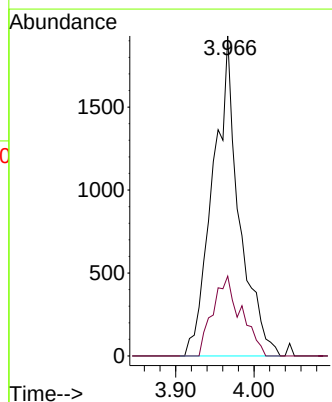
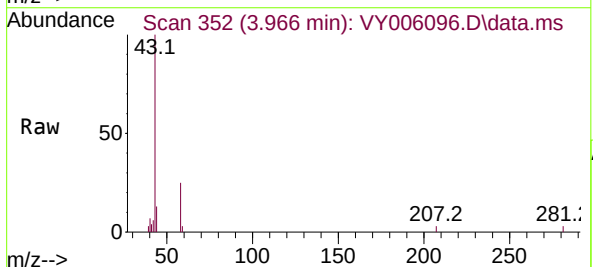
Instrument :
MSVOA_Y
ClientSampled :

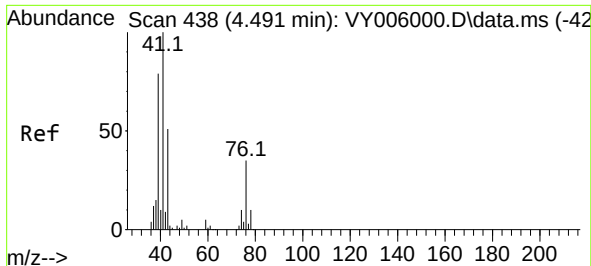
Tgt Ion:168 Resp: 137815
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#16
Acetone
Concen: 8.555 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

Tgt Ion: 43 Resp: 4492
Ion Ratio Lower Upper
43 100
58 24.9 22.0 33.0

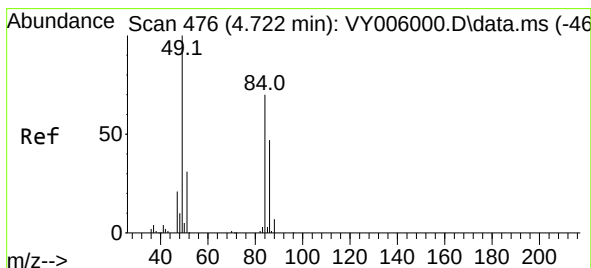
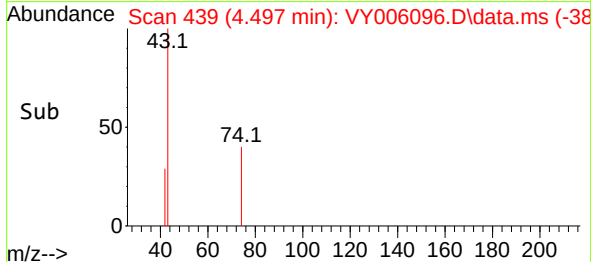
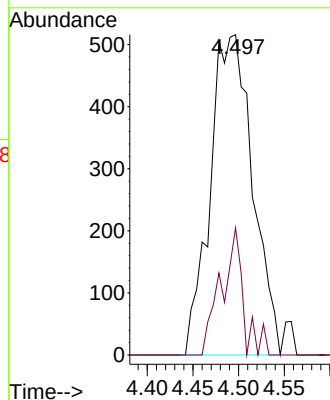
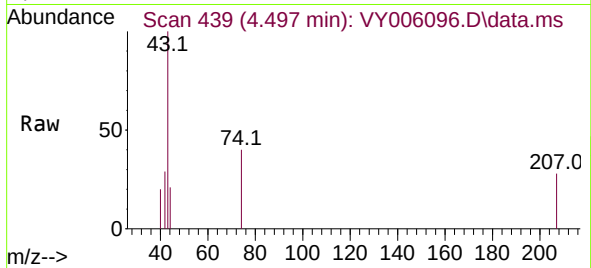




#18
Methyl Acetate
Concen: 1.261 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

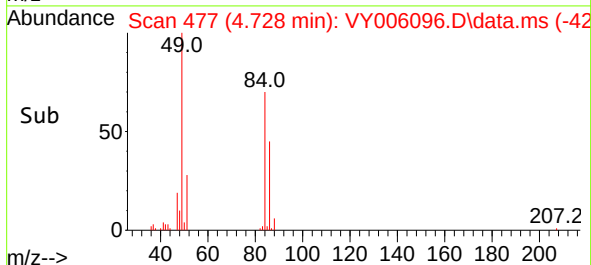
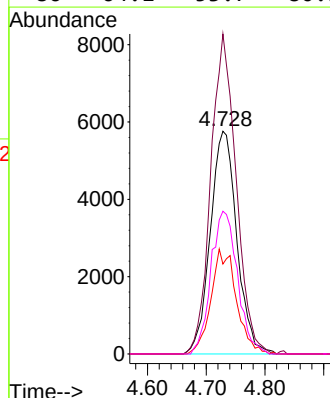
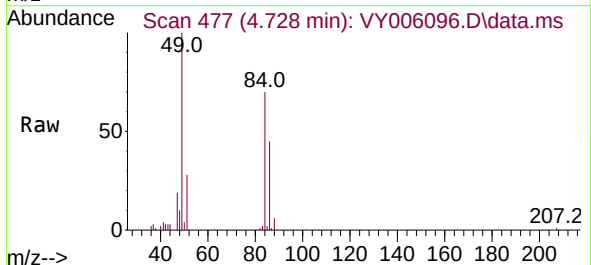
Instrument :
MSVOA_Y
ClientSampled :

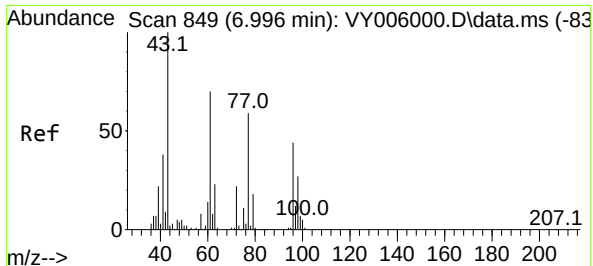
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#20
Methylene Chloride
Concen: 7.053 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

Tgt Ion: 84 Resp: 18095
Ion Ratio Lower Upper
84 100
49 143.7 114.4 171.6
51 40.4 35.3 52.9
86 64.1 53.7 80.5





#25

2-Butanone

Concen: 3.063 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY006096.D

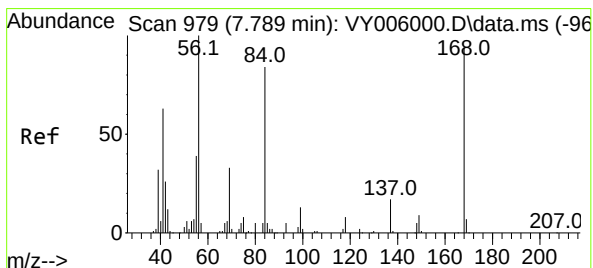
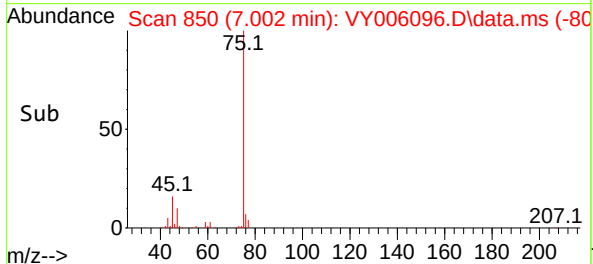
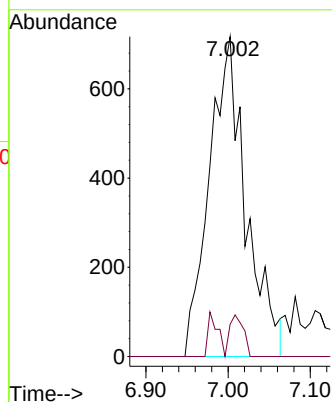
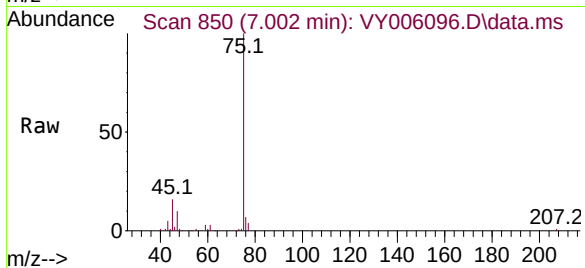
Acq: 20 Sep 2021 15:08

Tgt Ion: 43 Resp: 2217

Ion Ratio Lower Upper

43 100

72 10.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.380 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY006096.D

Acq: 20 Sep 2021 15:08

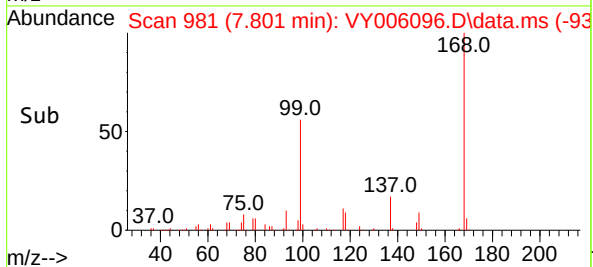
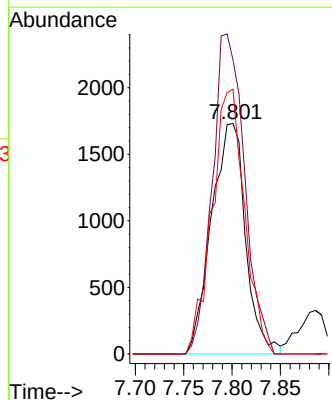
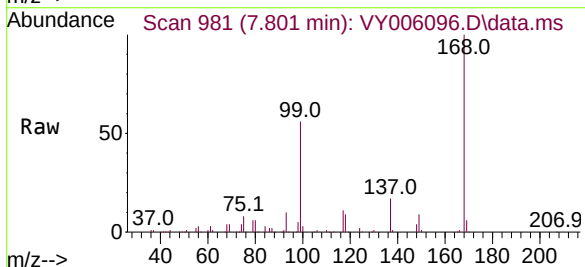
Tgt Ion: 56 Resp: 4232

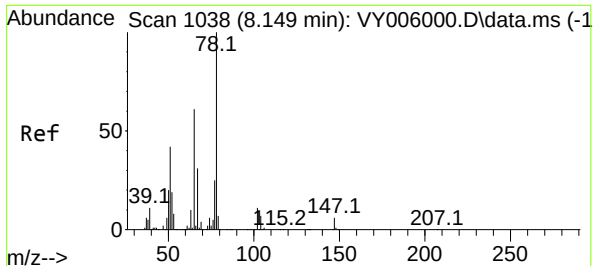
Ion Ratio Lower Upper

56 100

69 127.5 26.7 40.1#

84 114.8 67.2 100.8#

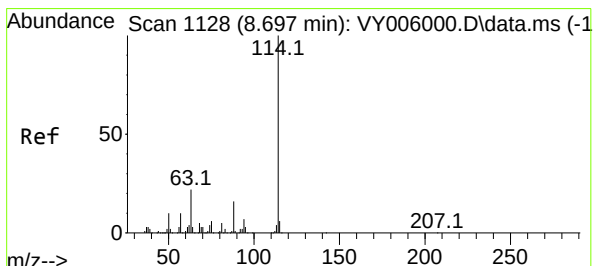
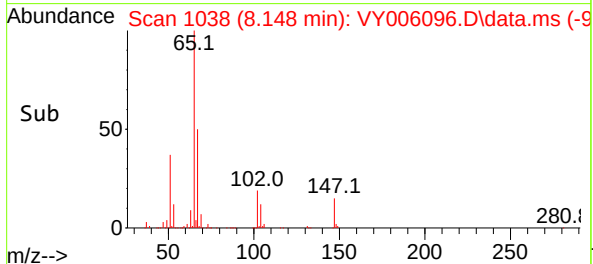
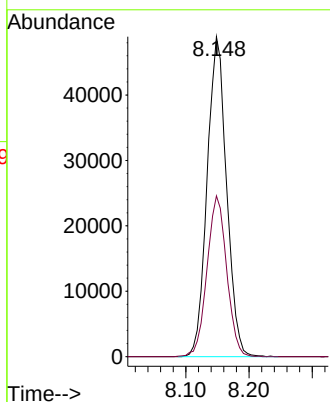
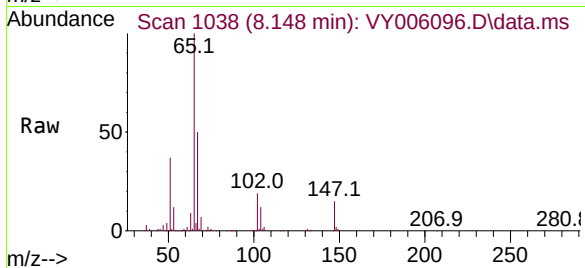




#33
1,2-Dichloroethane-d4
Concen: 54.572 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

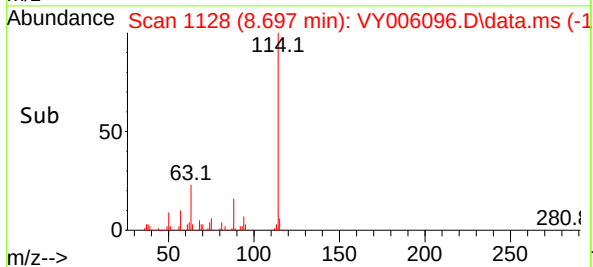
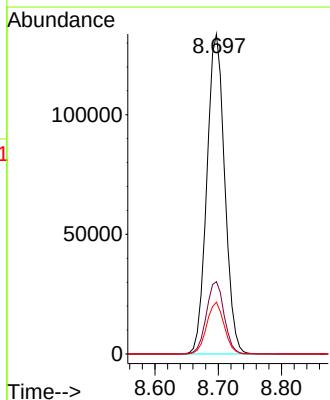
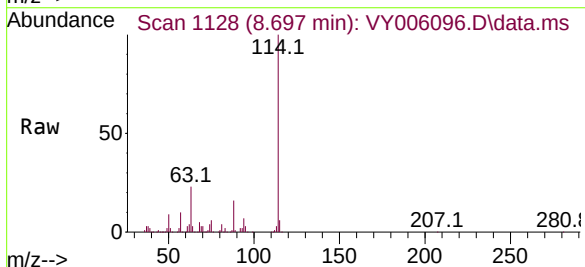
Instrument :
MSVOA_Y
ClientSampled :

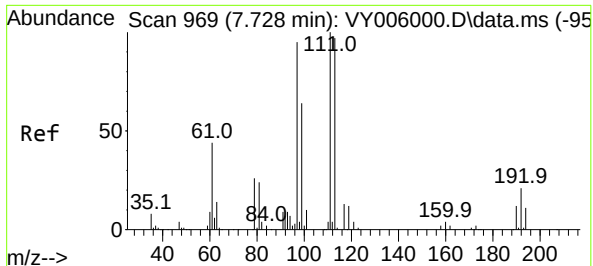
Tgt Ion: 65 Resp: 104468
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

Tgt Ion: 114 Resp: 262107
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.2
88 16.2 0.0 31.8

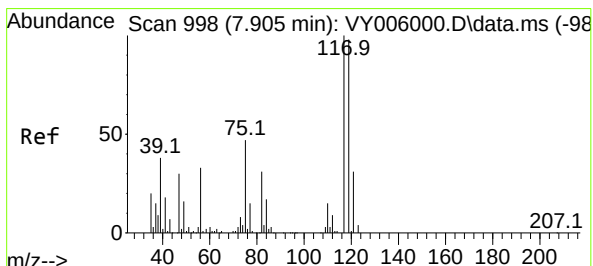
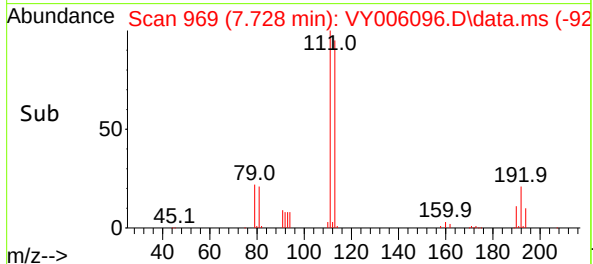
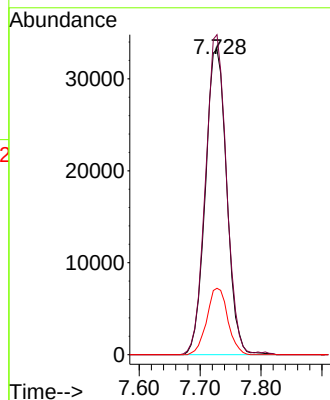
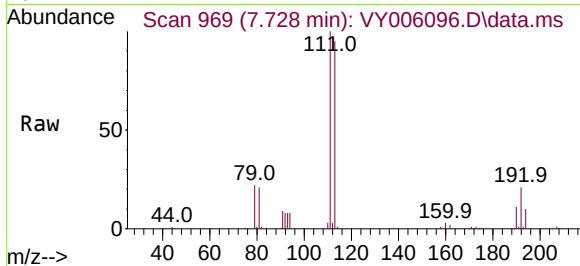




#35
Dibromofluoromethane
Concen: 49.666 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

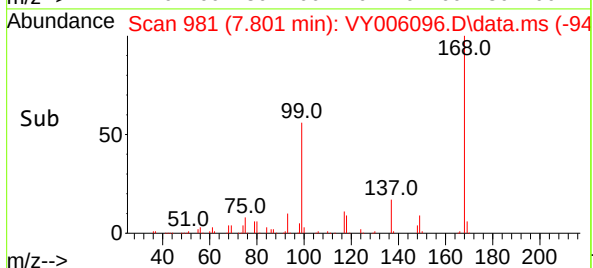
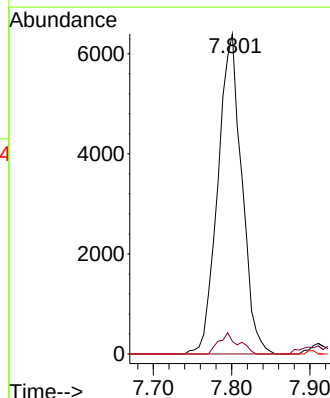
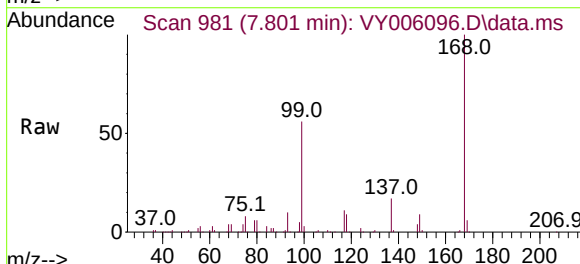
Instrument :
MSVOA_Y
ClientSampled :

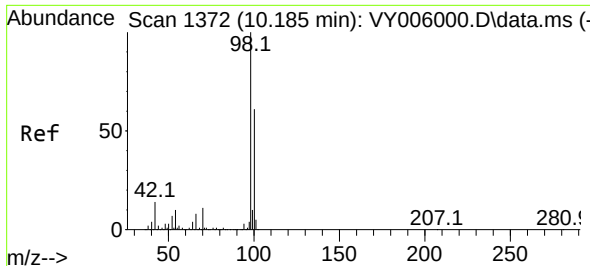
Tgt Ion:	113	Resp:	80856
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	21.3	17.6	26.4



#38
Carbon Tetrachloride
Concen: 4.415 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

Tgt Ion:	117	Resp:	13598
Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.9	116.9#
121	0.0	24.8	37.2#

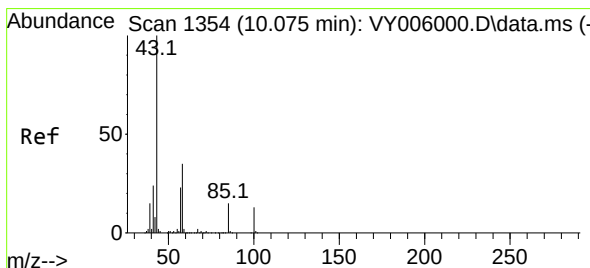
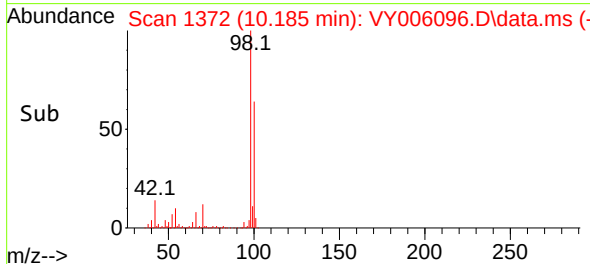
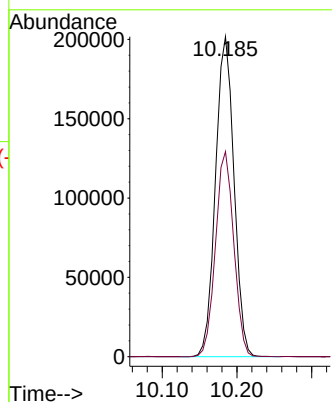
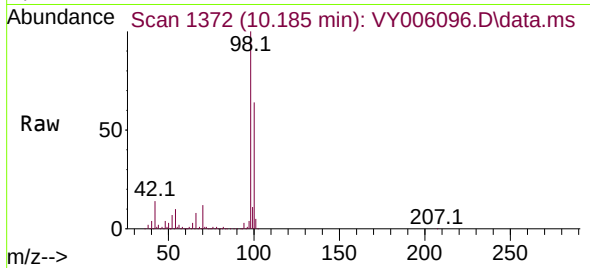




#50
Toluene-d8
Concen: 49.897 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

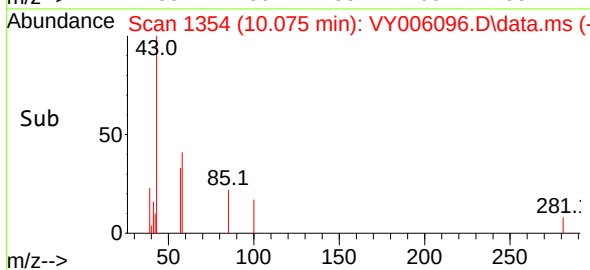
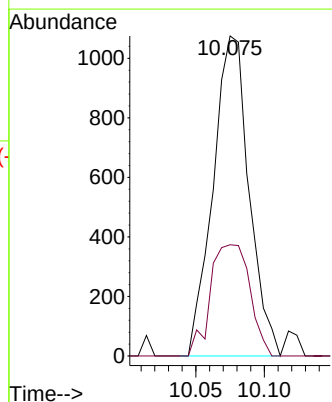
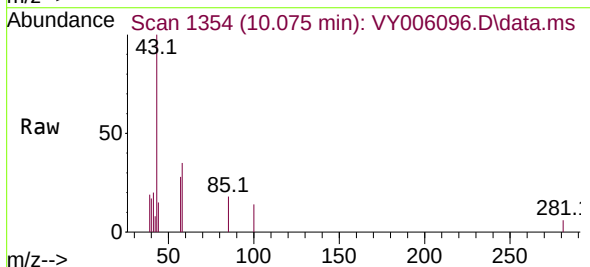
Instrument :
MSVOA_Y
ClientSampled :

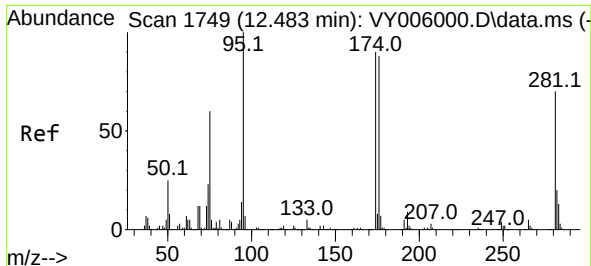
Tgt Ion: 98 Resp: 346217
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.014 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
58 38.0 28.1 42.1

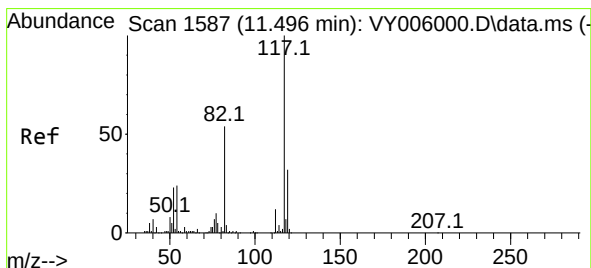
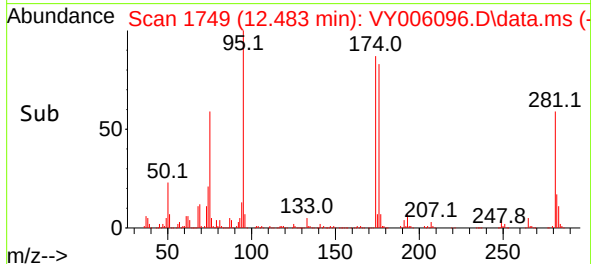
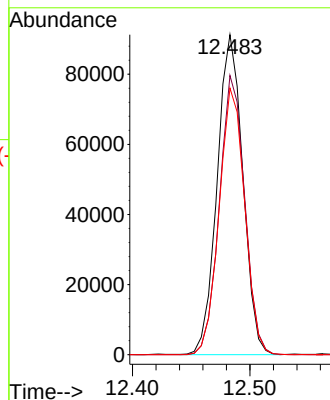
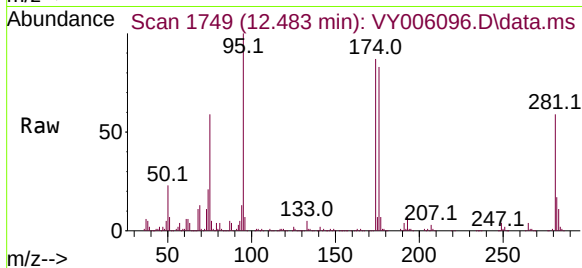




#62
4-Bromofluorobenzene
Concen: 58.813 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

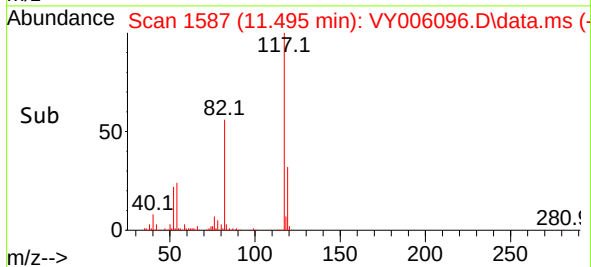
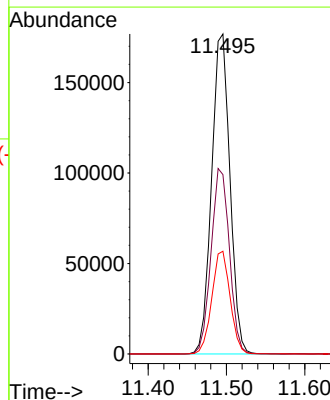
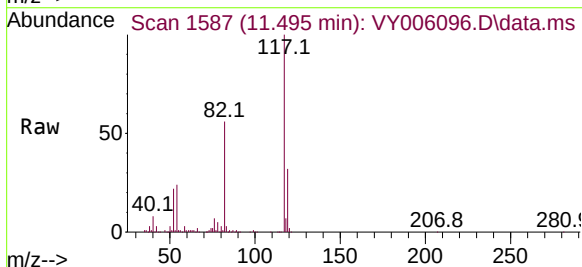
Instrument :
MSVOA_Y
ClientSampleId :

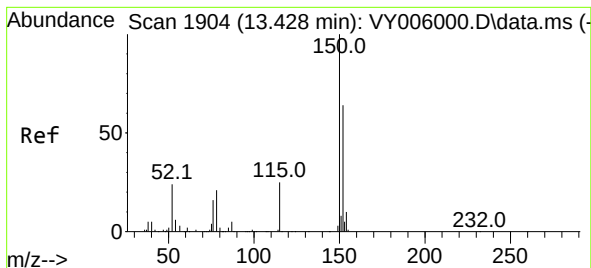
Tgt Ion: 95 Resp: 138549
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006096.D
Acq: 20 Sep 2021 15:08

Tgt Ion: 117 Resp: 287539
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 32.1 25.4 38.0

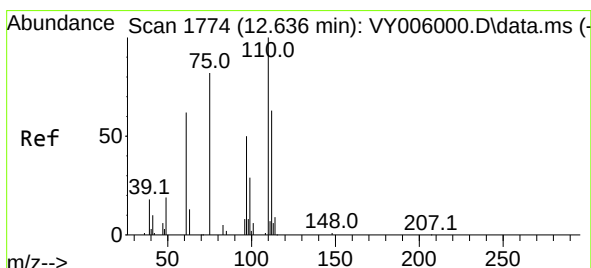
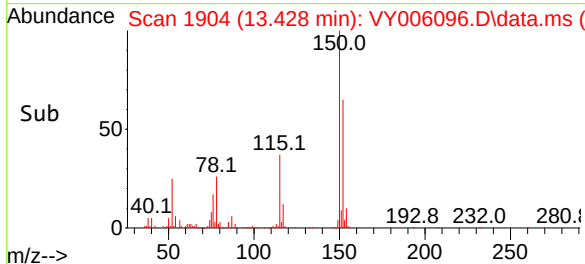
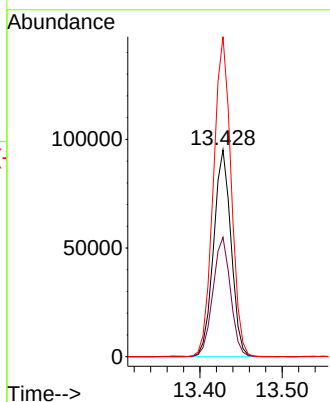
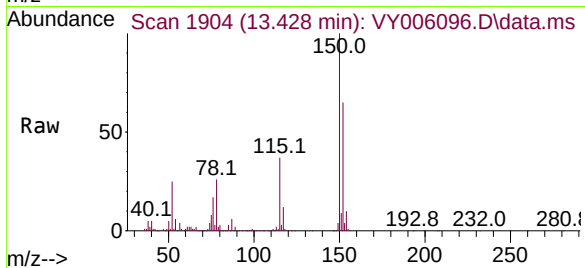




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006096.D
 Acq: 20 Sep 2021 15:08

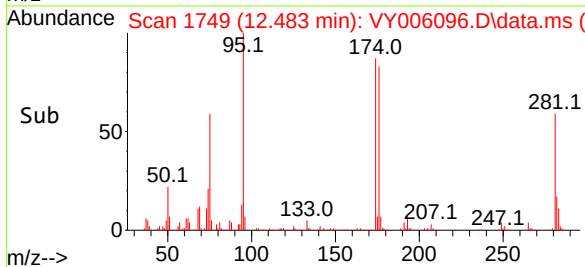
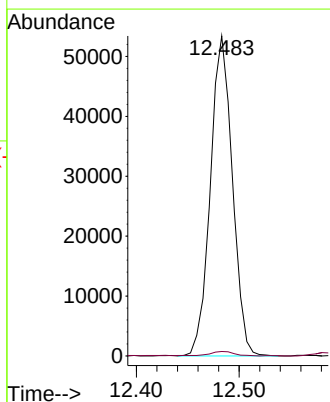
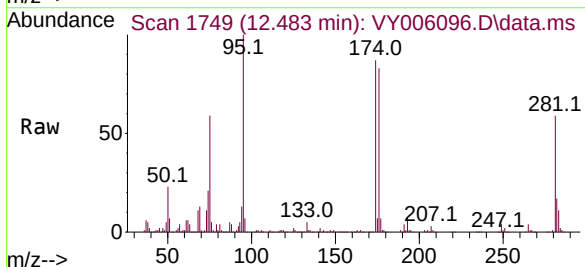
Instrument :
 MSVOA_Y
 ClientSampled :

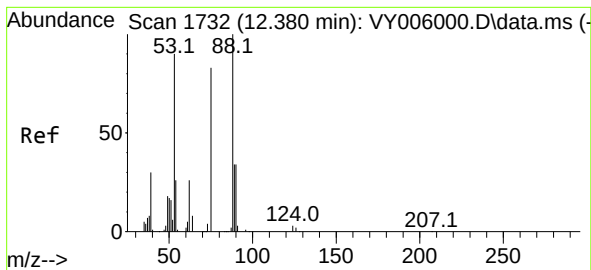
Tgt Ion:152 Resp: 140210
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.165 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006096.D
 Acq: 20 Sep 2021 15:08

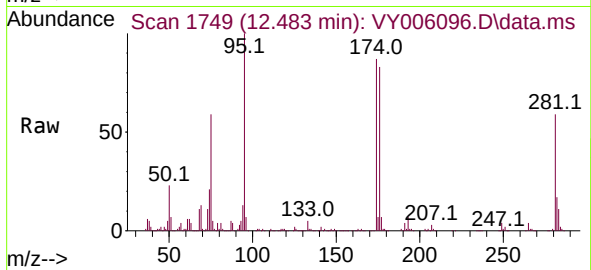
Tgt Ion: 75 Resp: 79477
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.745 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY006096.D
 Acq: 20 Sep 2021 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 79477
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.8 37.0 55.4#

