

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005968.D
 Acq On : 09 Sep 2021 10:39
 Operator : SY/MD
 Sample : VY0909SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 04:44:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

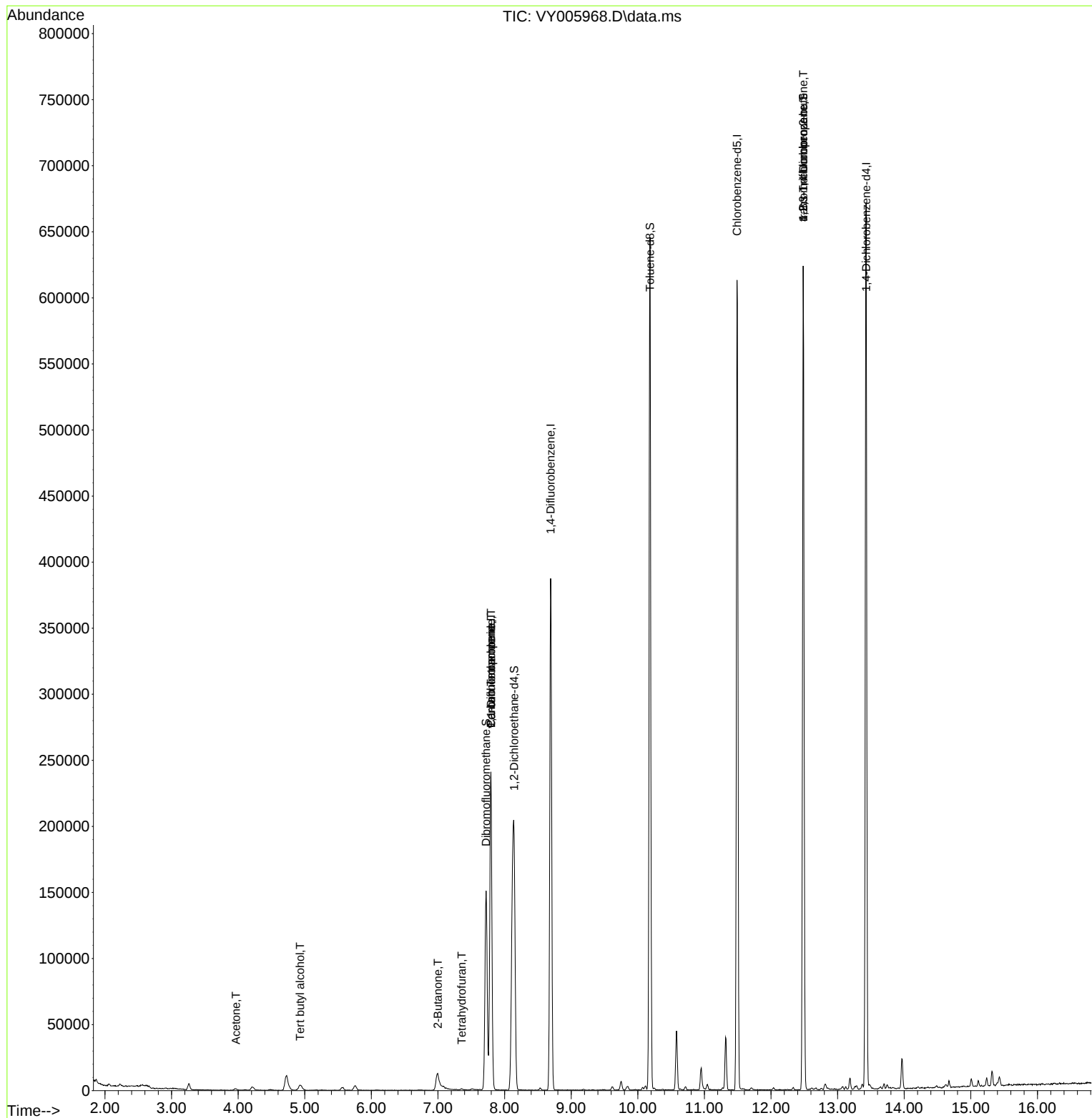
Internal Standards						
1) Pentafluorobenzene	7.795	168	205330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108463	52.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.840%			
35) Dibromofluoromethane	7.722	113	104365	54.173	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.340%			
50) Toluene-d8	10.185	98	434659	53.759	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.520%			
62) 4-Bromofluorobenzene	12.483	95	159733	58.836	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.680%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	4248	10.440	ug/l #	82
13) Acrolein	3.735	56	25	Below Cal	#	14
16) Acetone	3.966	43	2343	4.441	ug/l #	86
20) Methylene Chloride	4.728	84	8891	Below Cal		95
25) 2-Butanone	6.996	43	944	1.267	ug/l #	76
29) Tetrahydrofuran	7.356	42	527	1.091	ug/l #	79
36) 1,1-Dichloropropene	7.795	75	12815	3.968	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17654	5.043	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	81446	47.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81446	89.424	ug/l #	14

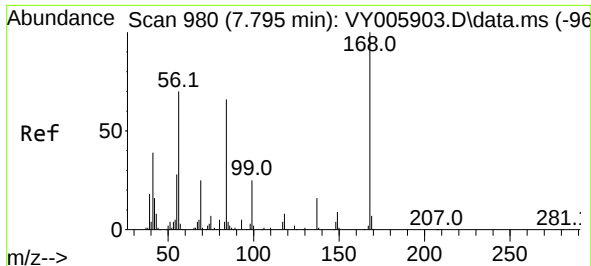
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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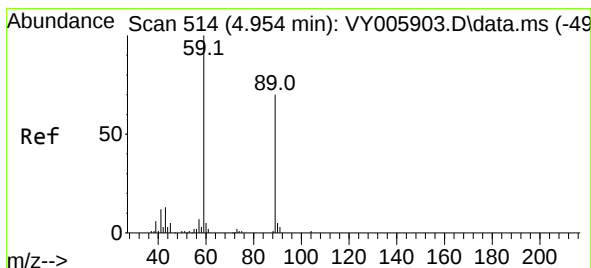
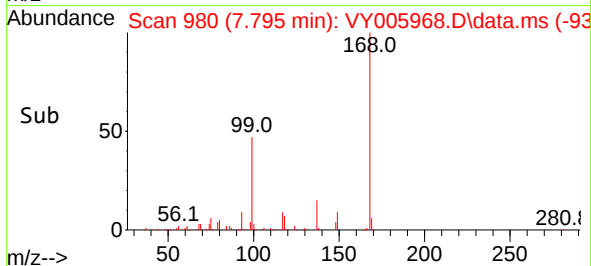
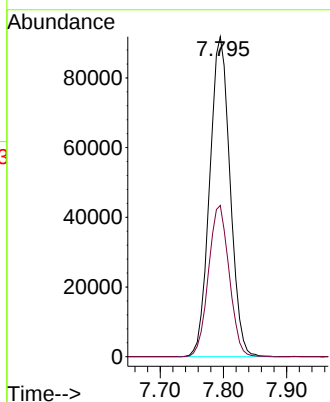
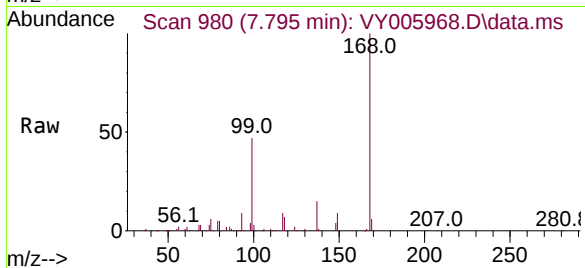




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

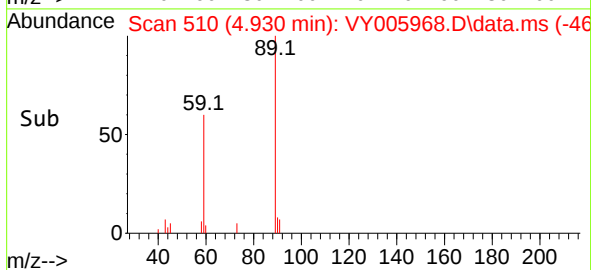
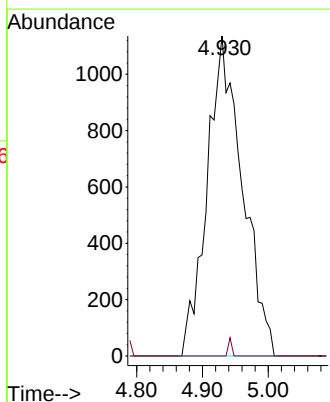
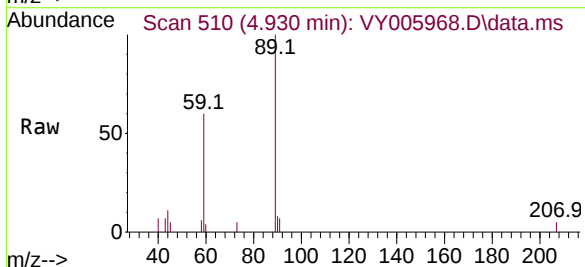
Instrument :
MSVOA_Y
ClientSampled :

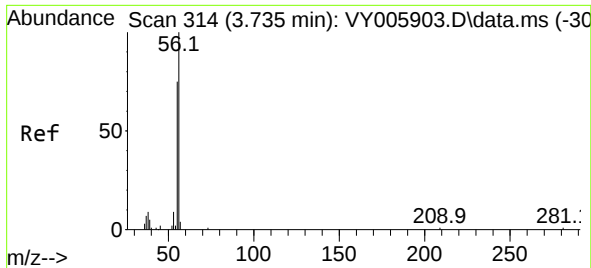
Tgt Ion:168 Resp: 205330
Ion Ratio Lower Upper
168 100
99 47.3 40.6 60.8



#11
Tert butyl alcohol
Concen: 10.440 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

Tgt Ion: 59 Resp: 4248
Ion Ratio Lower Upper
59 100
57 0.6 5.5 8.3#

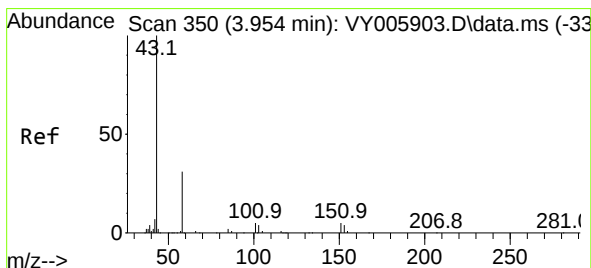
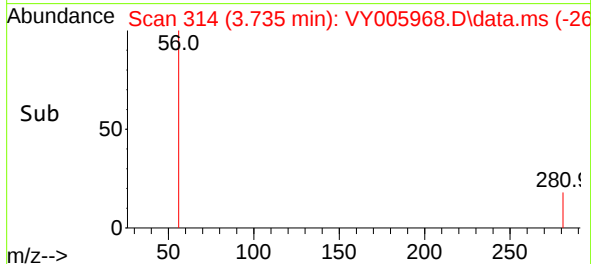
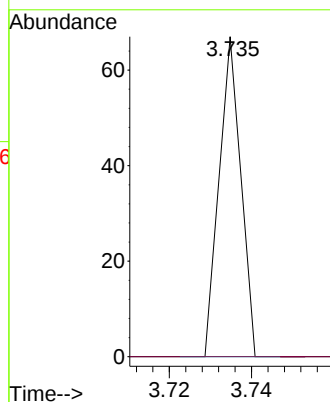
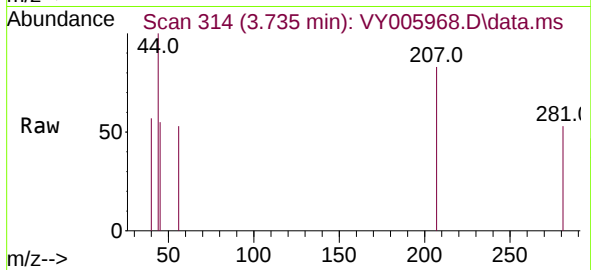




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

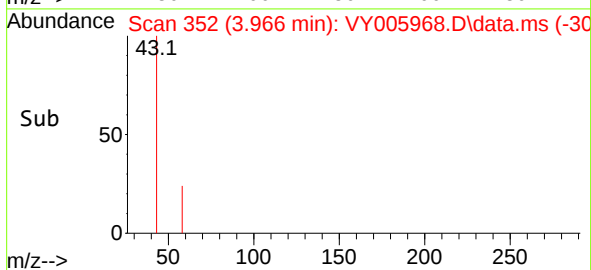
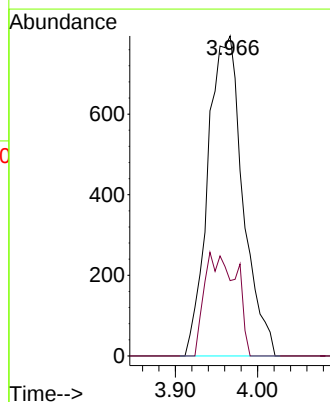
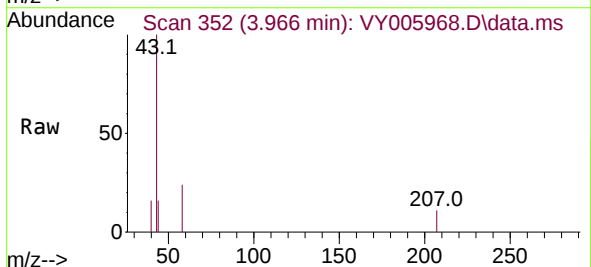
Instrument :
MSVOA_Y
ClientSampled :

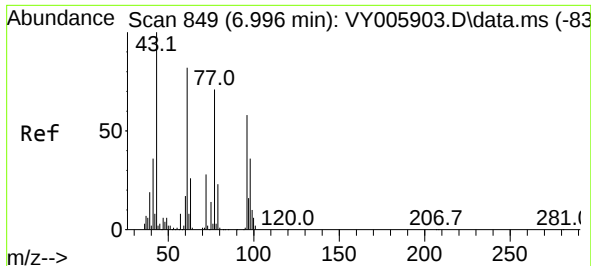
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 4.441 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
58 23.6 25.1 37.7#





#25

2-Butanone

Concen: 1.267 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005968.D

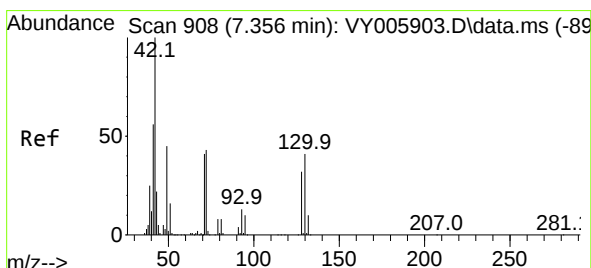
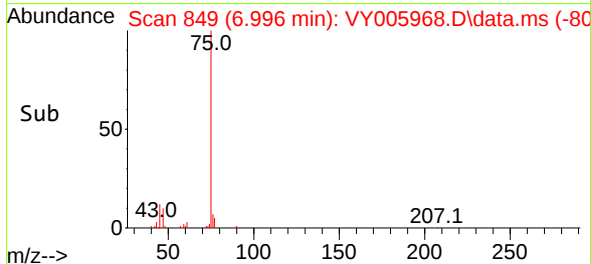
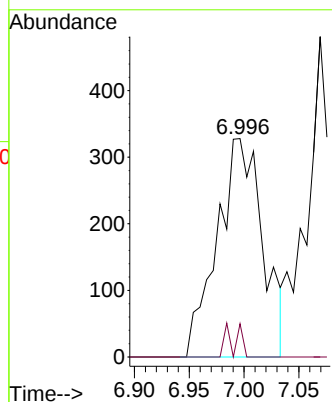
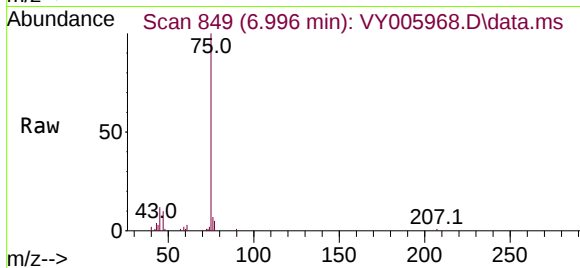
Acq: 09 Sep 2021 10:39

Tgt Ion: 43 Resp: 944

Ion Ratio Lower Upper

43 100

72 15.2 22.3 33.5#



#29

Tetrahydrofuran

Concen: 1.091 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY005968.D

Acq: 09 Sep 2021 10:39

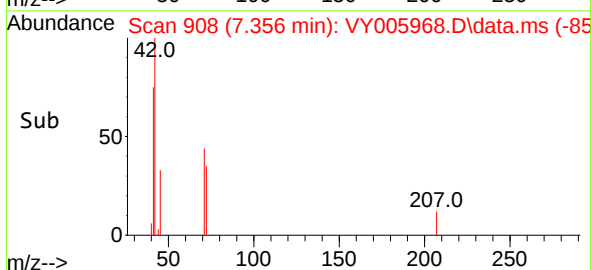
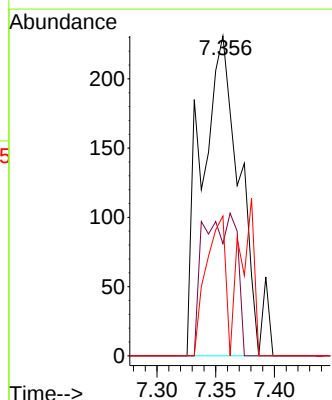
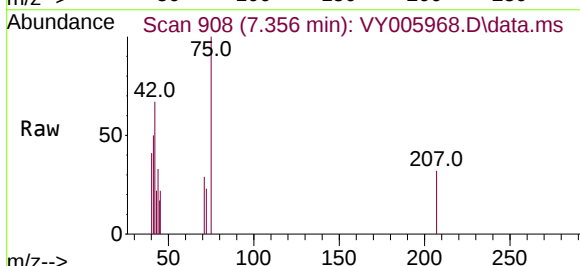
Tgt Ion: 42 Resp: 527

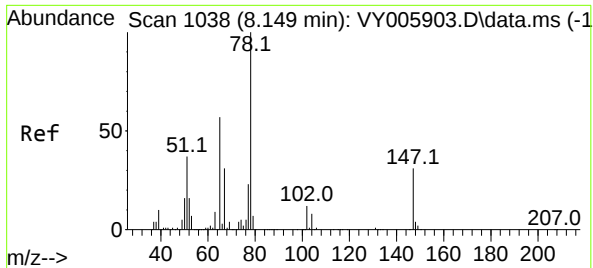
Ion Ratio Lower Upper

42 100

72 38.5 36.1 54.1

71 21.8 33.8 50.8#

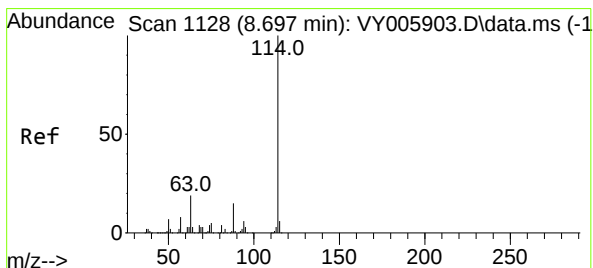
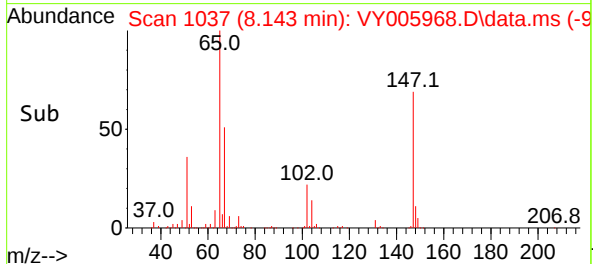
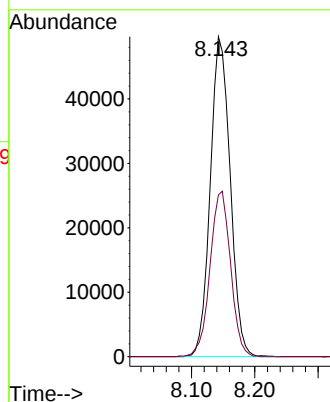
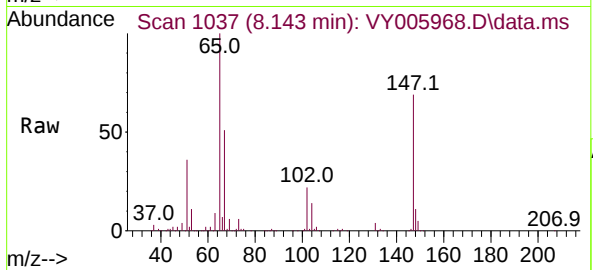




#33
 1,2-Dichloroethane-d4
 Concen: 52.419 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY005968.D
 Acq: 09 Sep 2021 10:39

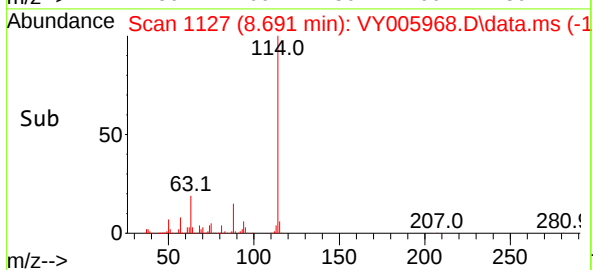
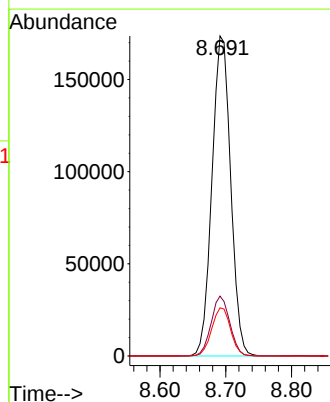
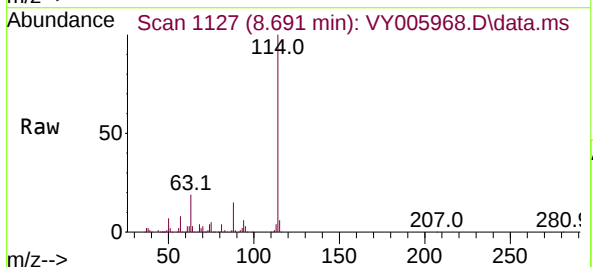
Instrument :
 MSVOA_Y
 ClientSampleId :

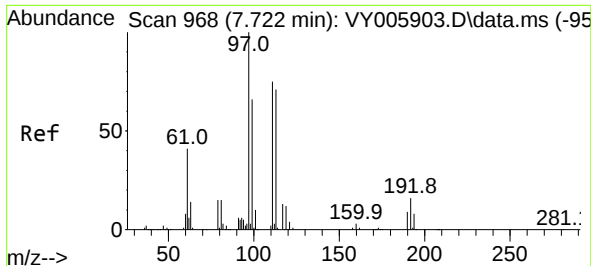
Tgt Ion: 65 Resp: 108463
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY005968.D
 Acq: 09 Sep 2021 10:39

Tgt Ion:114 Resp: 343041
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.173 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

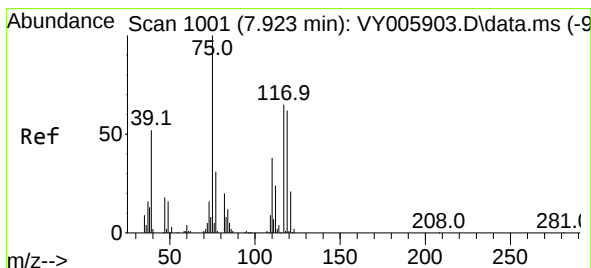
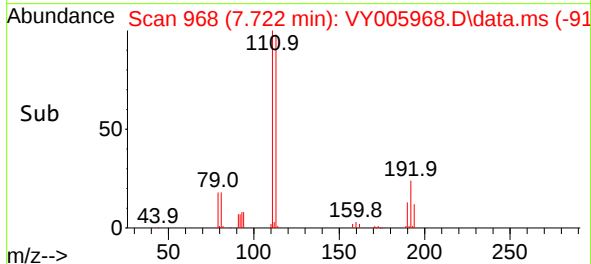
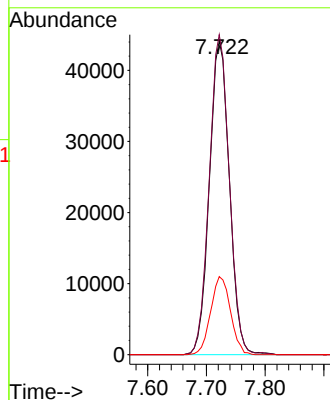
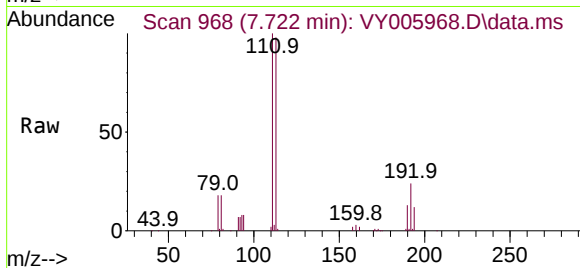
Lab File: VY005968.D

Acq: 09 Sep 2021 10:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 104365

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	24.7	19.4	29.0



#36

1,1-Dichloropropene

Concen: 3.968 ug/l

RT: 7.795 min Scan# 980

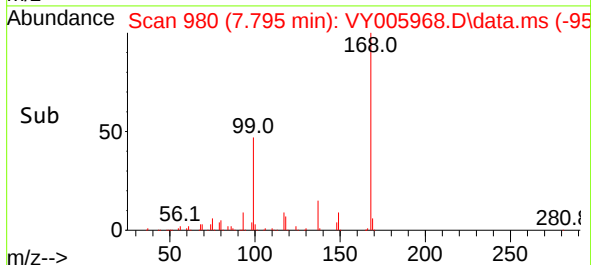
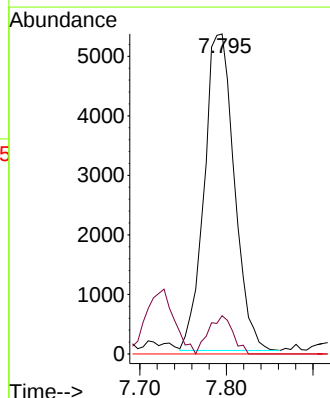
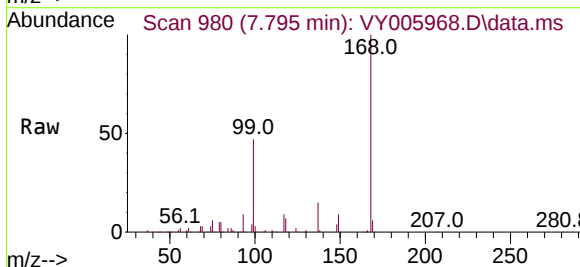
Delta R.T. -0.128 min

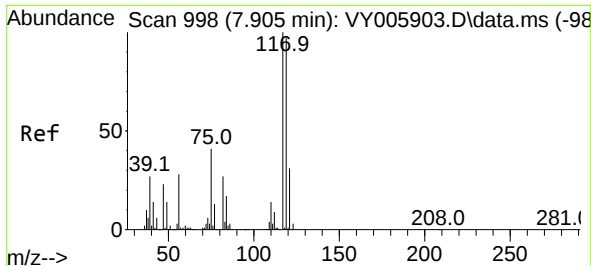
Lab File: VY005968.D

Acq: 09 Sep 2021 10:39

Tgt Ion: 75 Resp: 12815

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	0.0	24.9	37.3#

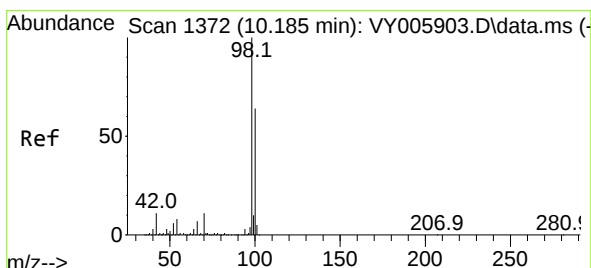
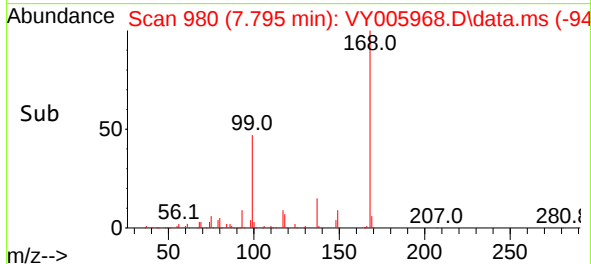
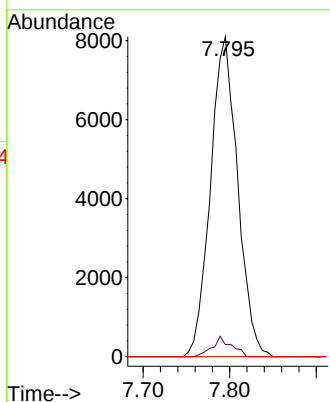
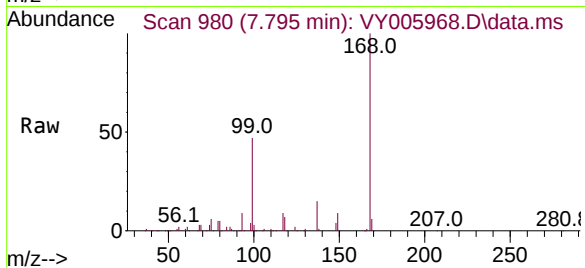




#38
Carbon Tetrachloride
Concen: 5.043 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

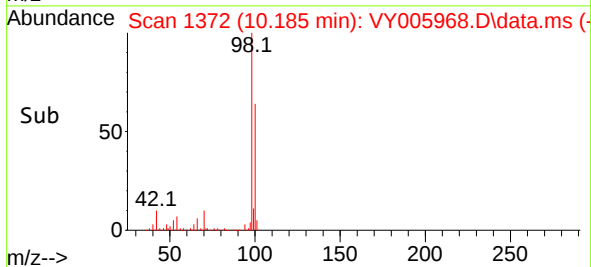
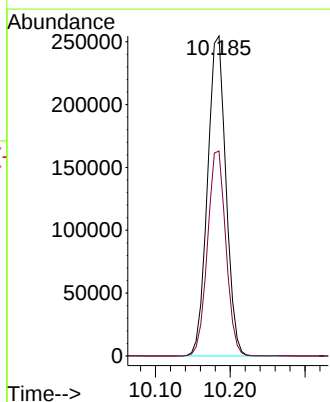
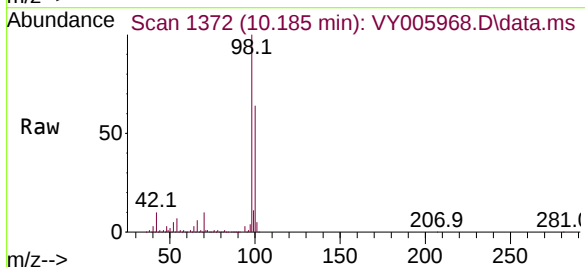
Instrument :
MSVOA_Y
ClientSampleId :

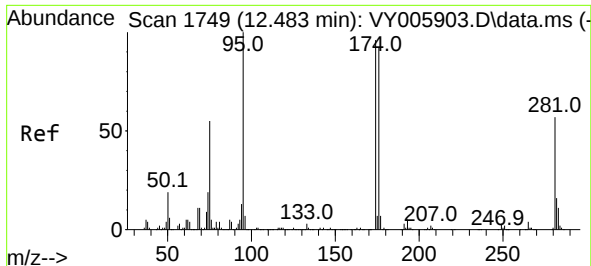
Tgt Ion:117 Resp: 17654
Ion Ratio Lower Upper
117 100
119 3.8 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.759 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

Tgt Ion: 98 Resp: 434659
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

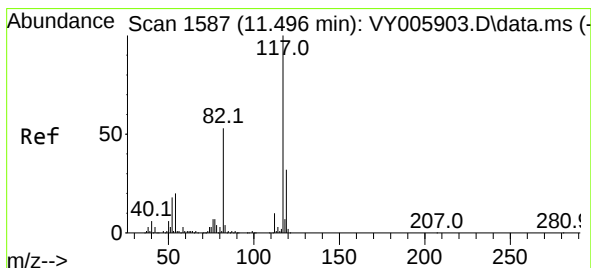
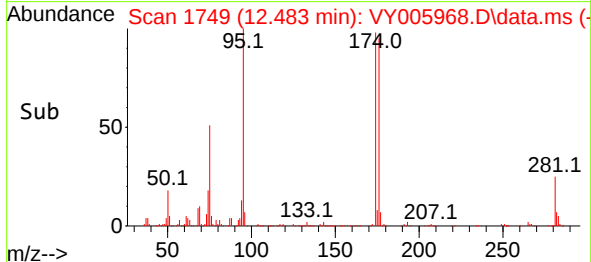
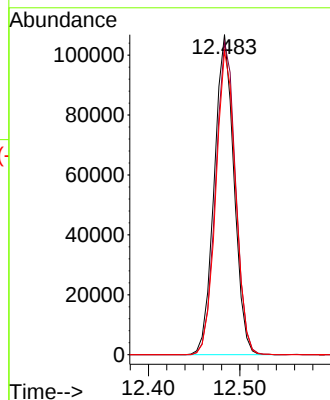
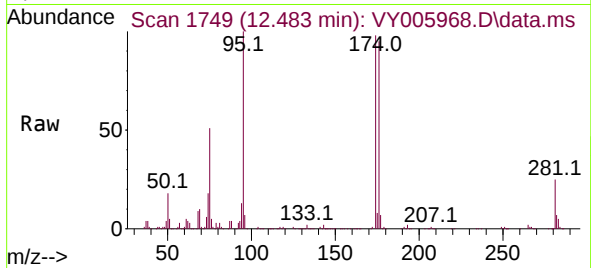




#62
4-Bromofluorobenzene
Concen: 58.836 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

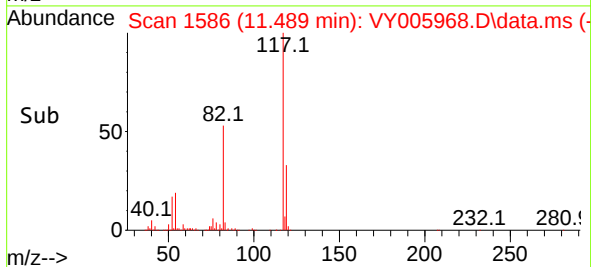
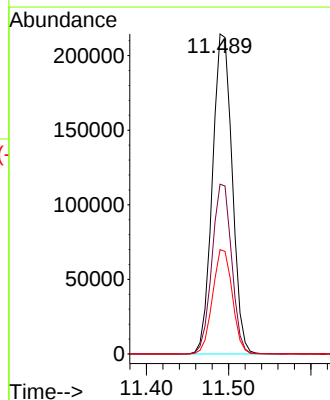
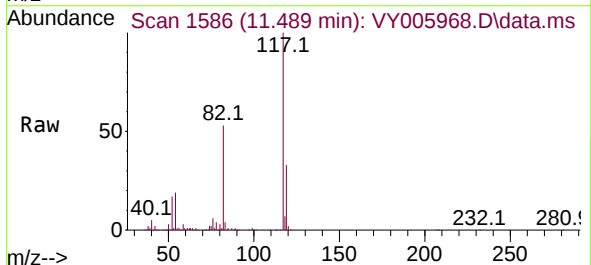
Instrument :
MSVOA_Y
ClientSampled :

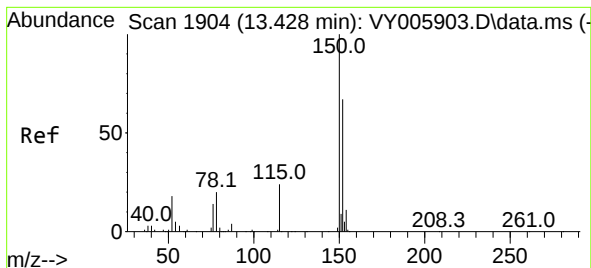
Tgt Ion: 95 Resp: 159733
Ion Ratio Lower Upper
95 100
174 99.0 0.0 192.4
176 94.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005968.D
Acq: 09 Sep 2021 10:39

Tgt Ion: 117 Resp: 358000
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.6 25.4 38.0

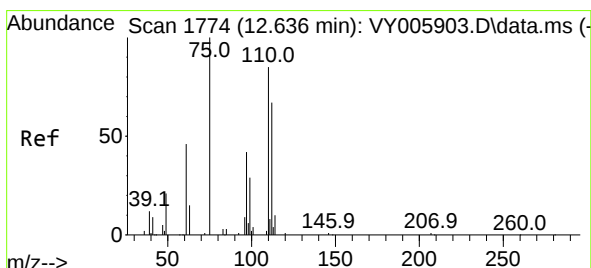
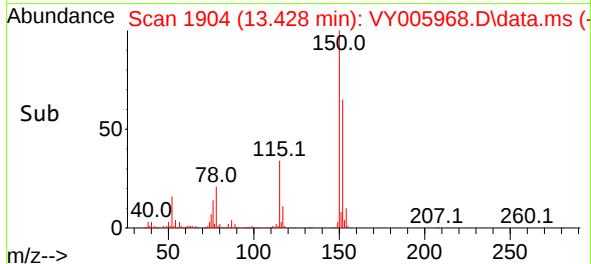
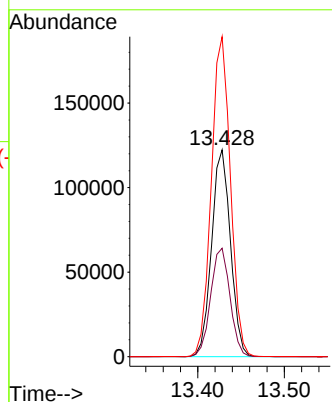
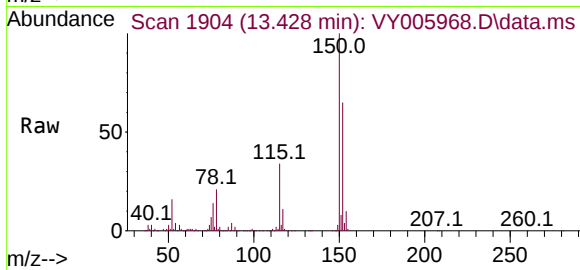




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005968.D
 Acq: 09 Sep 2021 10:39

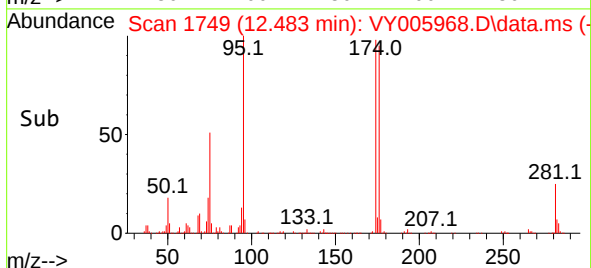
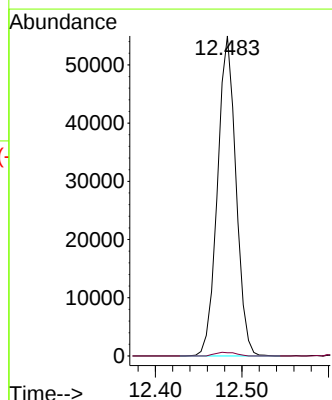
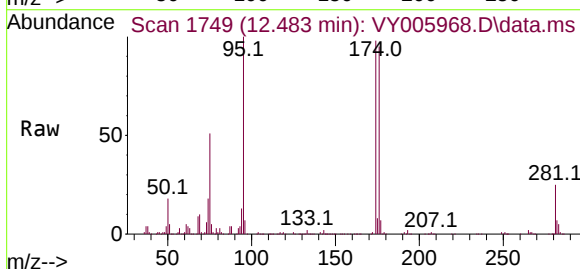
Instrument :
 MSVOA_Y
 ClientSampled :

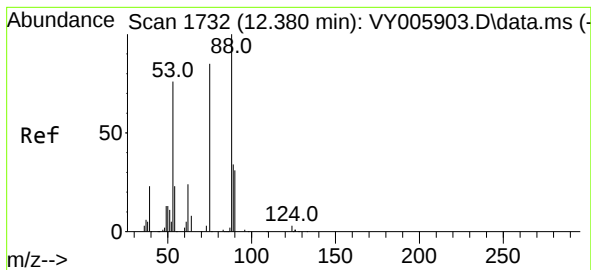
Tgt Ion:152 Resp: 185062
 Ion Ratio Lower Upper
 152 100
 115 53.8 26.8 80.4
 150 156.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 47.021 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005968.D
 Acq: 09 Sep 2021 10:39

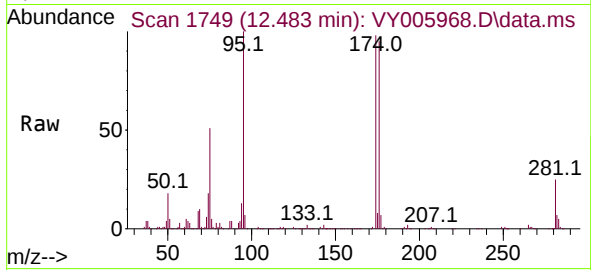
Tgt Ion: 75 Resp: 81446
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.424 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005968.D
 Acq: 09 Sep 2021 10:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 81446
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.8 107.8#
 89 0.2 35.8 53.6#

