

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005047.D
 Acq On : 09 Jun 2021 15:32
 Operator : SY/MD
 Sample : M2625-12RE
 Misc : 6.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:42:06 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	137373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	169014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61561	42.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.728	113	62026	51.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.185	98	268935	54.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.483	95	61799	36.244	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.480%

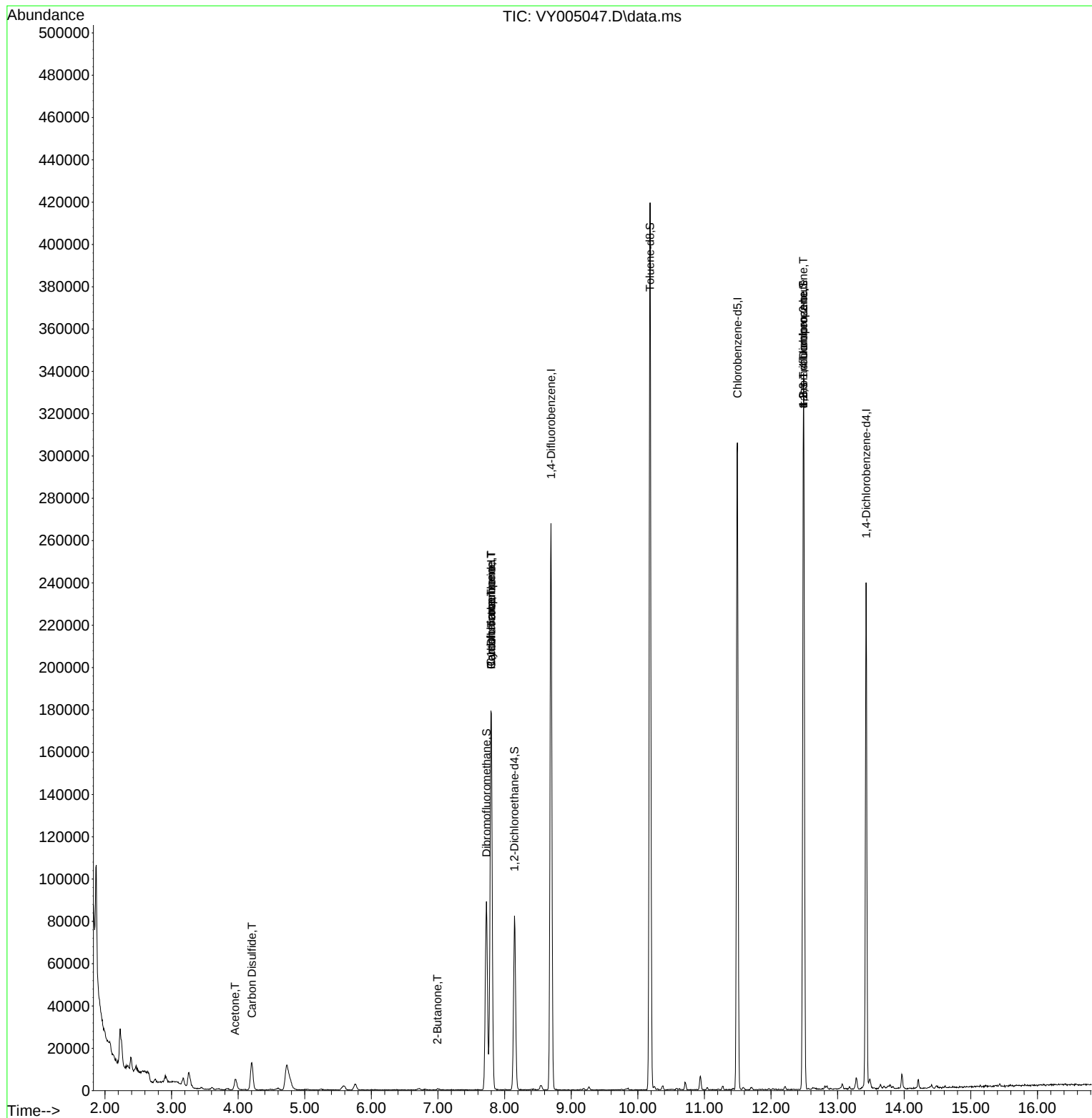
Target Compounds					Qvalue	
13) Acrolein	3.722	56	70	Below Cal	#	1
16) Acetone	3.954	43	9278	26.539	ug/l	96
17) Carbon Disulfide	4.204	76	26435	6.089	ug/l	99
20) Methylene Chloride	4.728	84	8729	Below Cal		92
25) 2-Butanone	6.990	43	1115	1.897	ug/l	95
31) Cyclohexane	7.795	56	3168	1.239	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	11000	5.066	ug/l	# 48
38) Carbon Tetrachloride	7.801	117	14003	7.410	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	33853	52.822	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	33853	97.075	ug/l	# 16

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

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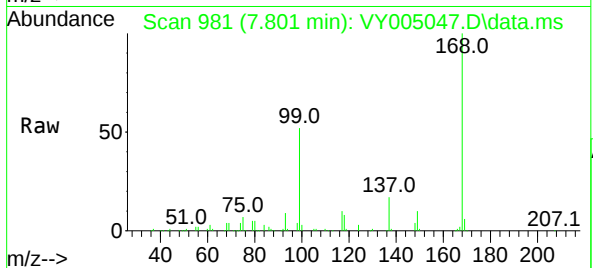
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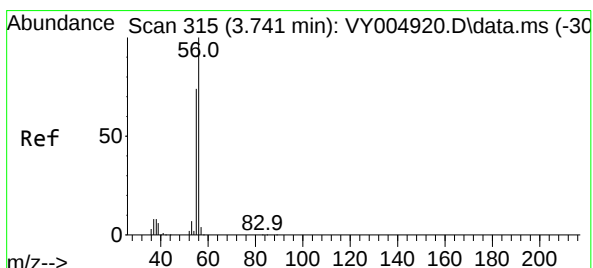
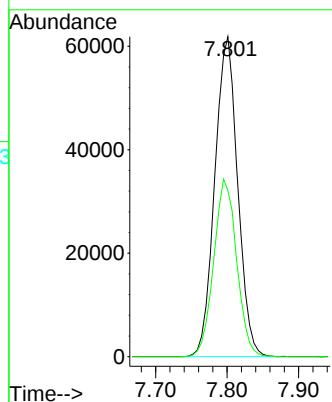
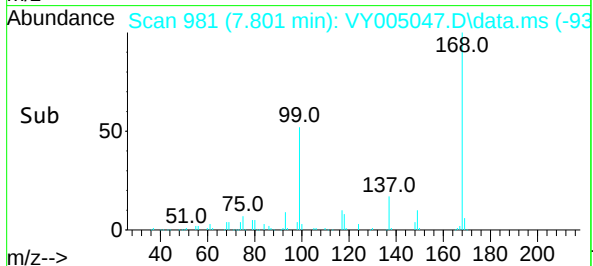


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

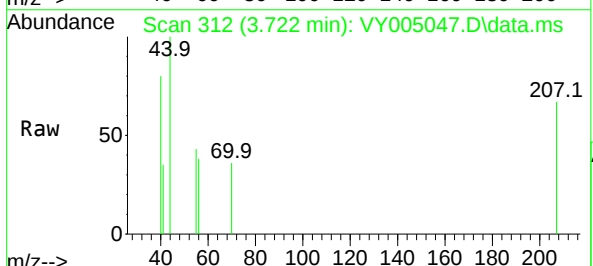
Instrument :
MSVOA_Y
ClientSampleId :



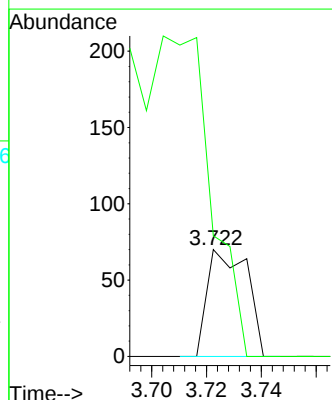
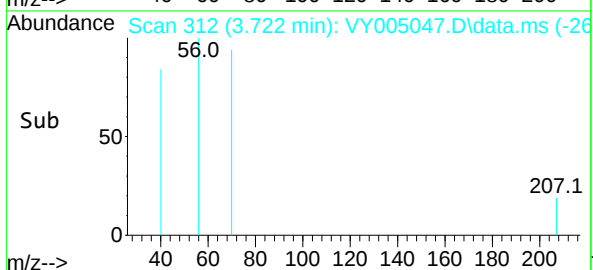
Tgt Ion:168 Resp: 137373
Ion Ratio Lower Upper
168 100
99 51.9 43.9 65.9



#13
Acrolein
Concen: Below Cal
RT: 3.722 min Scan# 312
Delta R.T. -0.019 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32



Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 720.0 55.4 83.2#

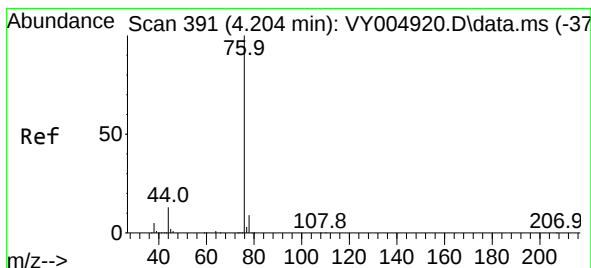
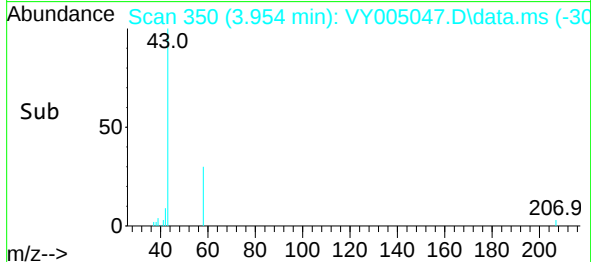
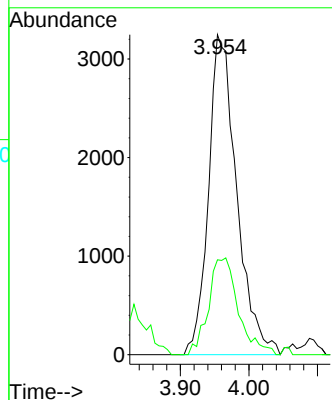
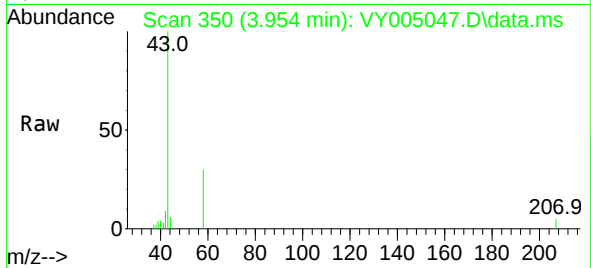




#16
Acetone
Concen: 26.539 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

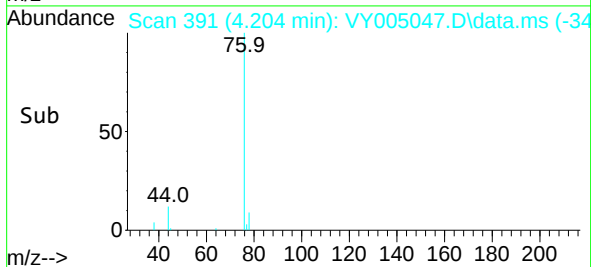
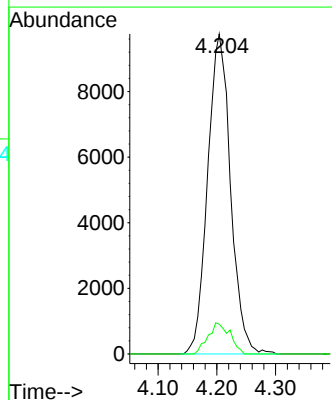
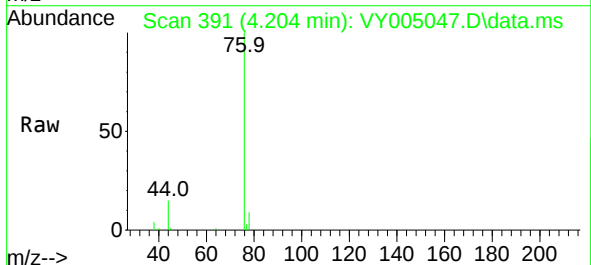
Instrument :
MSVOA_Y
ClientSampled :

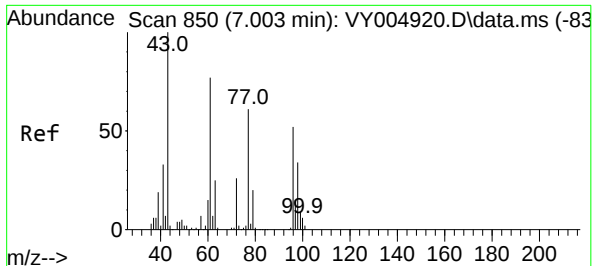
Tgt Ion: 43 Resp: 9278
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9



#17
Carbon Disulfide
Concen: 6.089 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

Tgt Ion: 76 Resp: 26435
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4





#25

2-Butanone

Concen: 1.897 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY005047.D

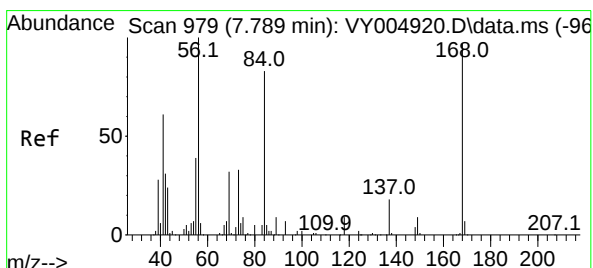
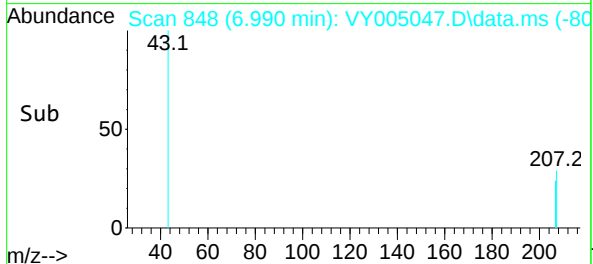
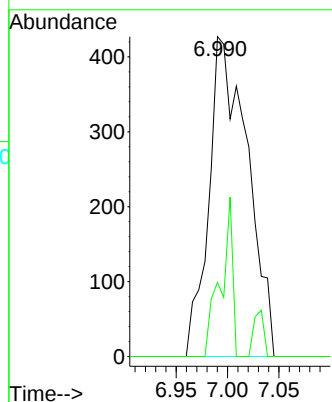
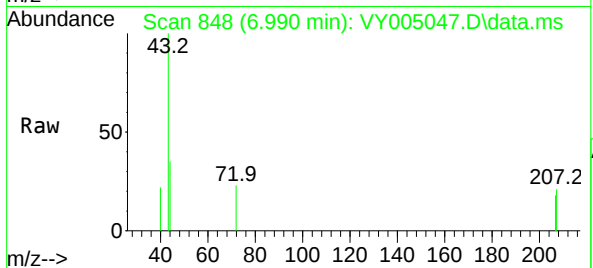
Acq: 09 Jun 2021 15:32

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

72 23.2 20.6 31.0



#31

Cyclohexane

Concen: 1.239 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY005047.D

Acq: 09 Jun 2021 15:32

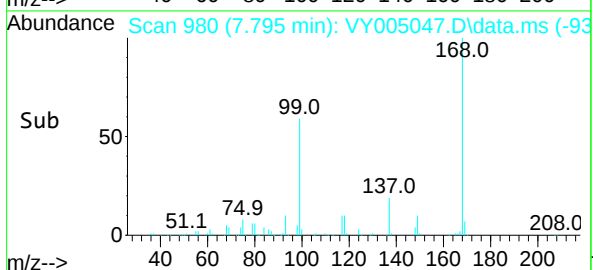
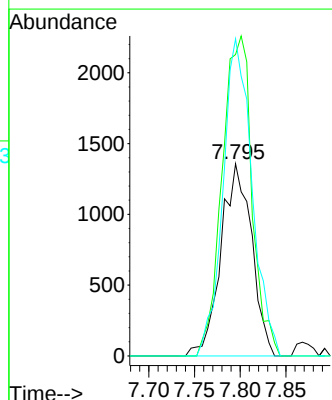
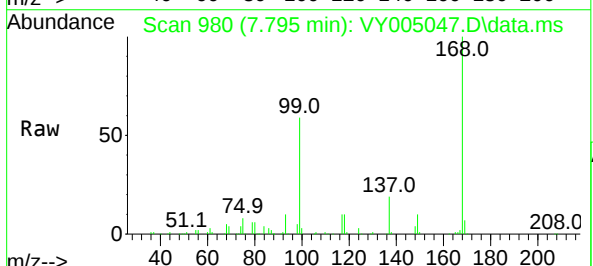
Tgt Ion: 56 Resp: 3168

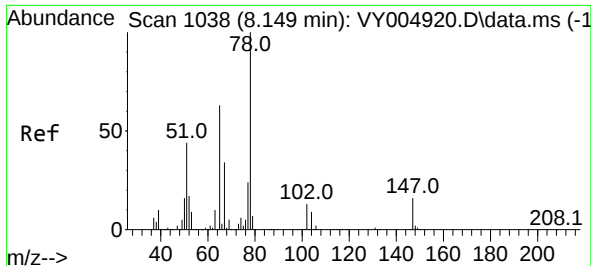
Ion Ratio Lower Upper

56 100

69 156.9 25.3 37.9#

84 165.1 66.2 99.4#

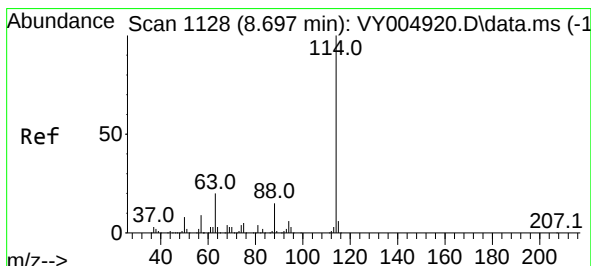
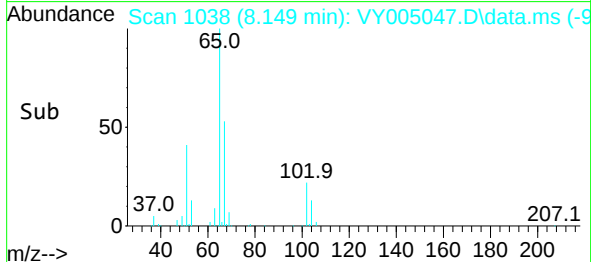
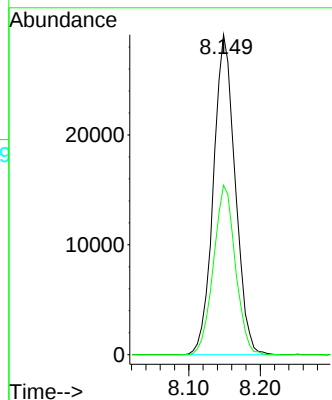
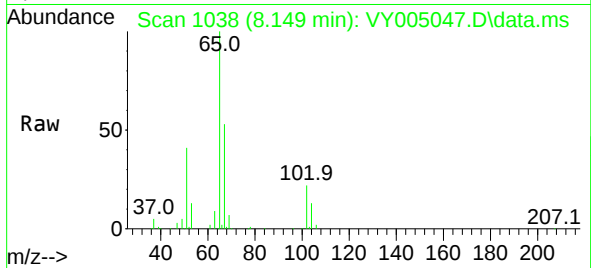




#33
 1,2-Dichloroethane-d4
 Concen: 42.389 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005047.D
 Acq: 09 Jun 2021 15:32

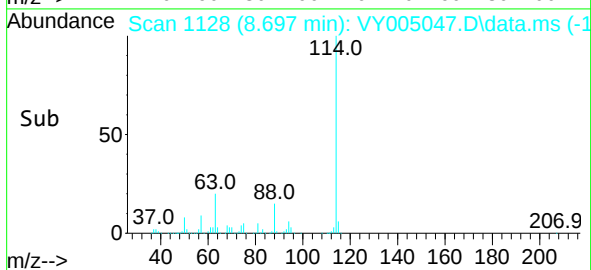
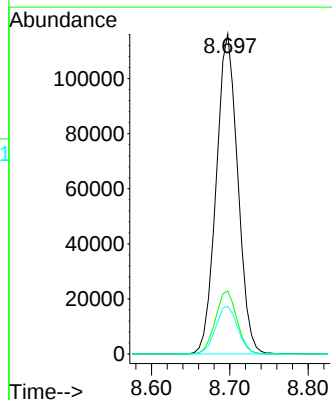
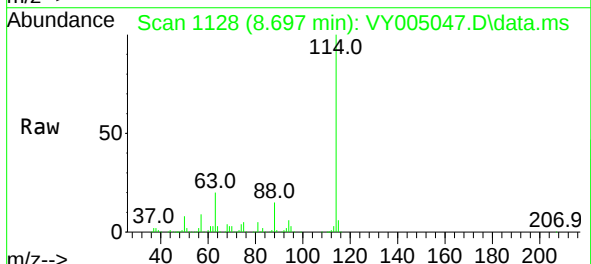
Instrument :
 MSVOA_Y
 ClientSampled :

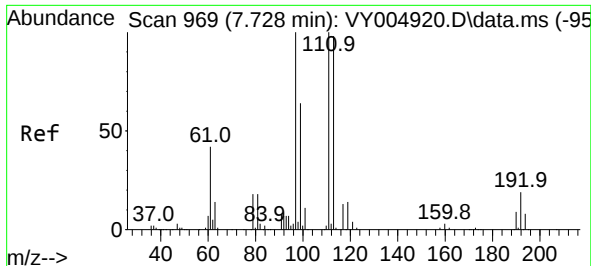
Tgt Ion: 65 Resp: 61561
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005047.D
 Acq: 09 Jun 2021 15:32

Tgt Ion:114 Resp: 221885
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.0
 88 14.9 0.0 30.6

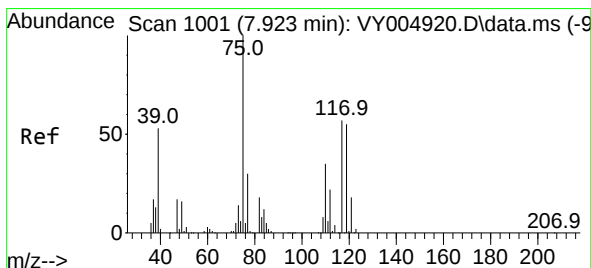
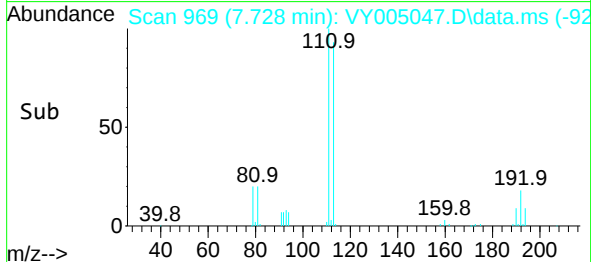
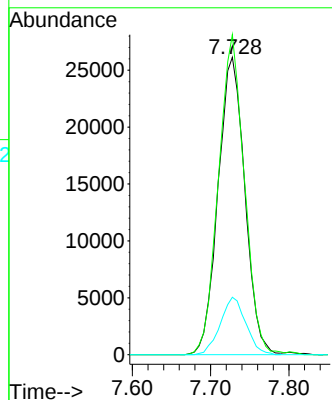
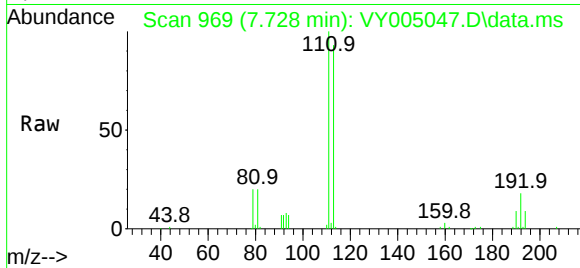




#35
Dibromofluoromethane
Concen: 51.958 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

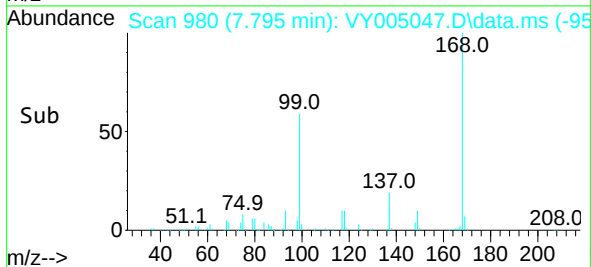
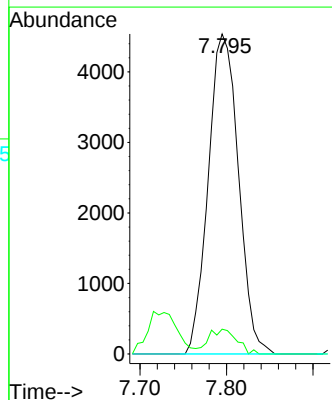
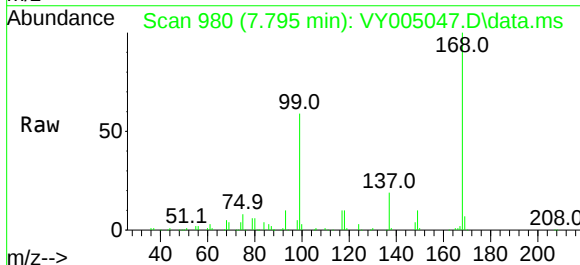
Instrument :
MSVOA_Y
ClientSampleId :

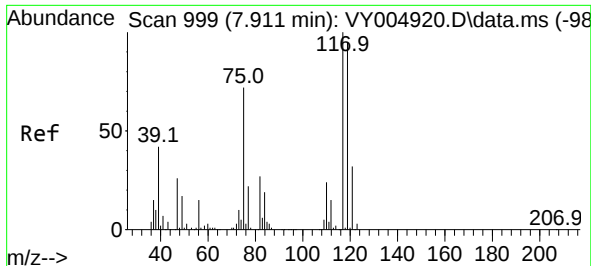
Tgt Ion:	113	Resp:	62026
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.8
192	18.5	15.3	22.9



#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

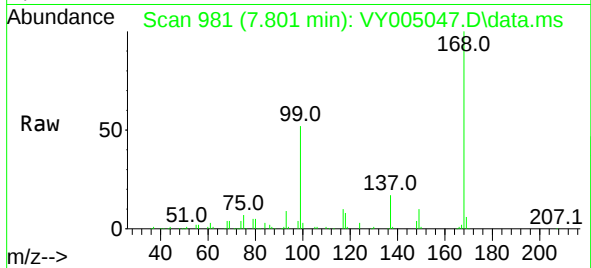
Tgt Ion:	75	Resp:	11000
Ion	Ratio	Lower	Upper
75	100		
110	7.2	17.5	52.5#
77	0.0	25.1	37.7#



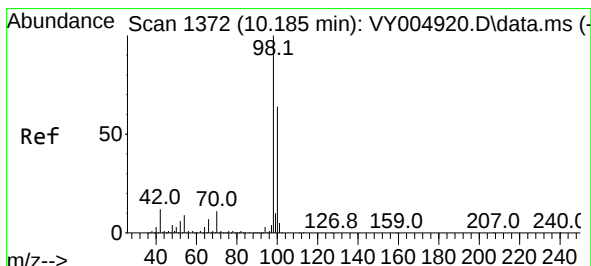
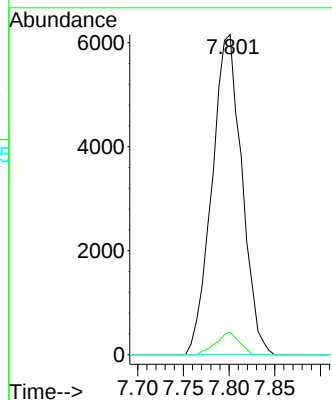
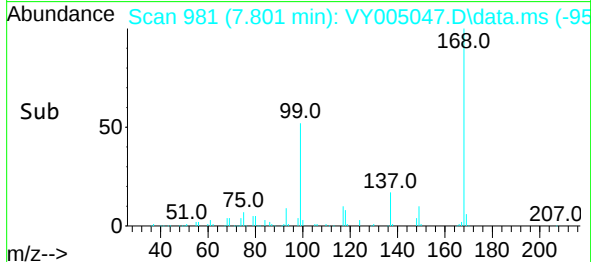


#38
Carbon Tetrachloride
Concen: 7.410 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

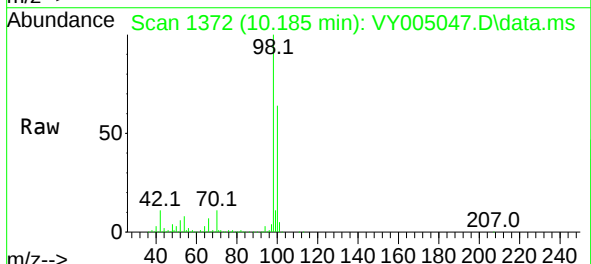
Instrument :
MSVOA_Y
ClientSampleId :



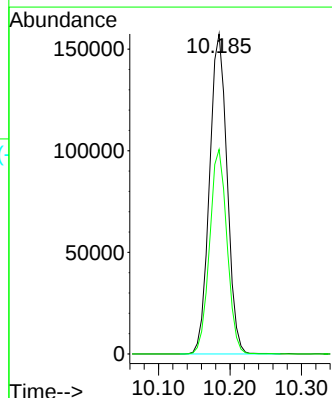
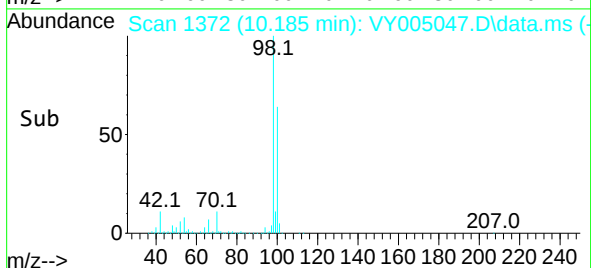
Tgt Ion:117 Resp: 14003
Ion Ratio Lower Upper
117 100
119 7.0 76.1 114.1#
121 0.0 25.5 38.3#

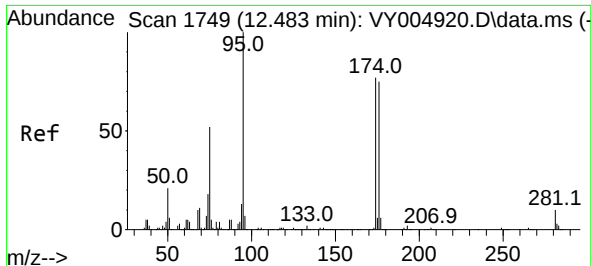


#50
Toluene-d8
Concen: 54.244 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32



Tgt Ion: 98 Resp: 268935
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6

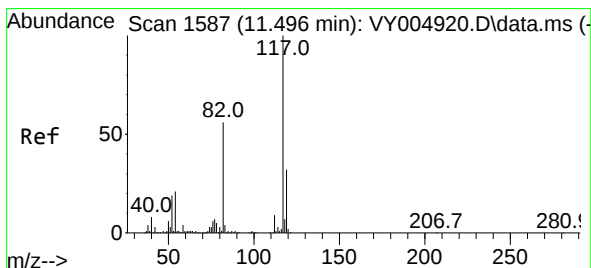
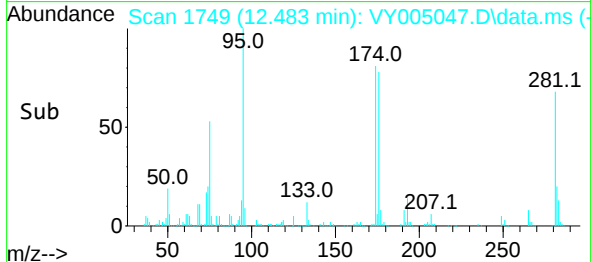
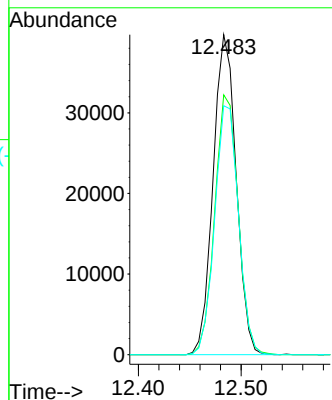
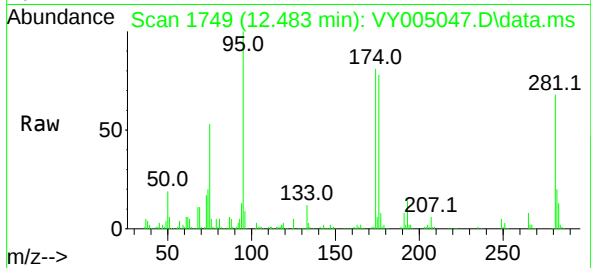




#62
4-Bromofluorobenzene
Concen: 36.244 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

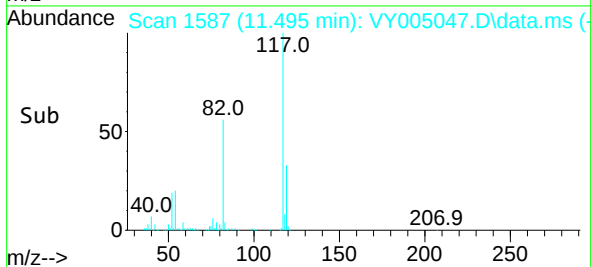
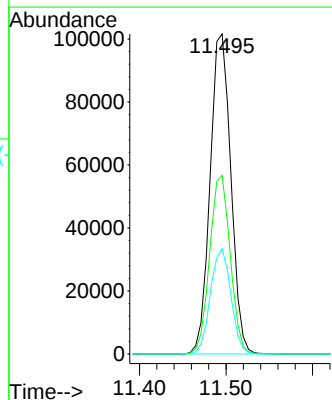
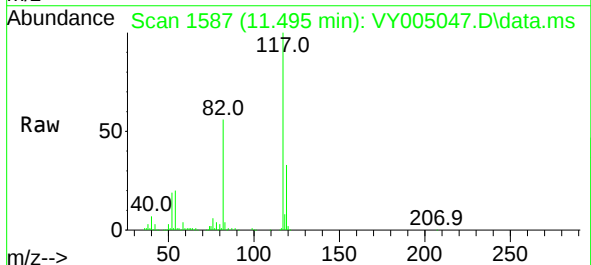
Instrument :
MSVOA_Y
ClientSampleId :

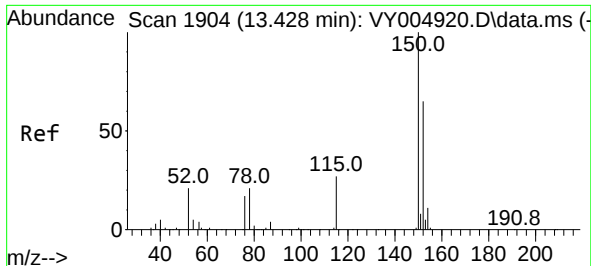
Tgt Ion:	95	Resp:	61799
Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	160.8
176	80.3	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005047.D
Acq: 09 Jun 2021 15:32

Tgt Ion:	117	Resp:	169014
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.8	67.2
119	32.9	25.2	37.8

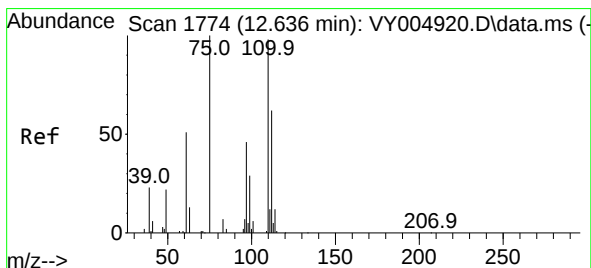
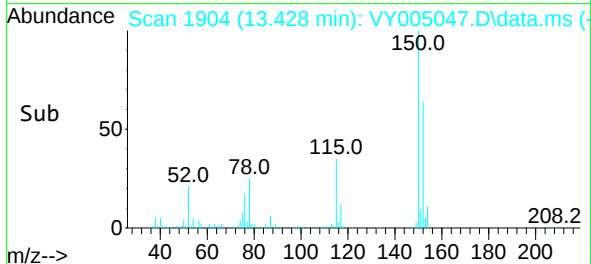
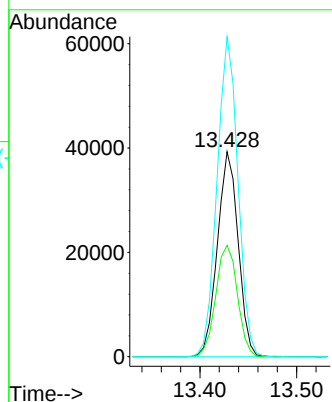
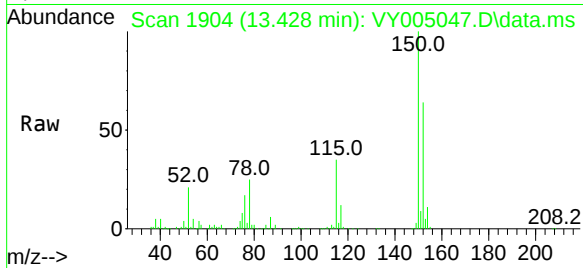




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005047.D
 Acq: 09 Jun 2021 15:32

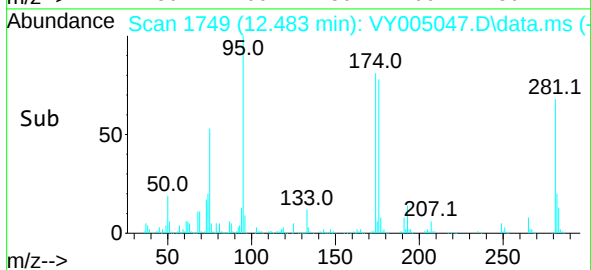
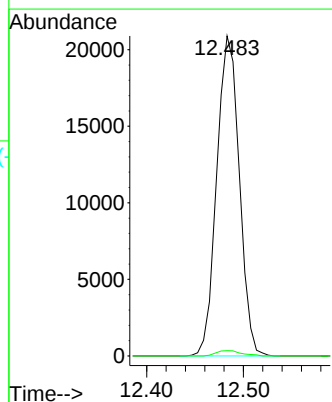
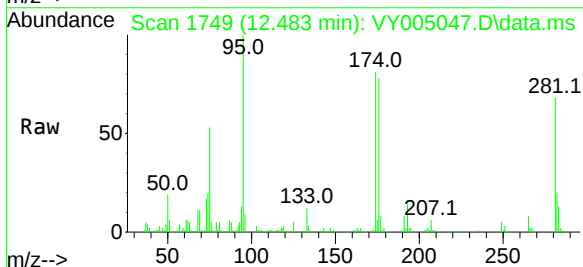
Instrument :
 MSVOA_Y
 ClientSampled :

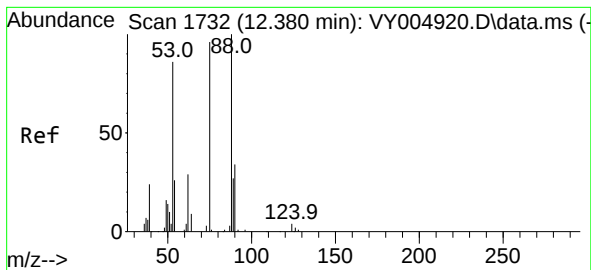
Tgt Ion:152 Resp: 58465
 Ion Ratio Lower Upper
 152 100
 115 56.7 29.9 89.7
 150 157.3 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 52.822 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005047.D
 Acq: 09 Jun 2021 15:32

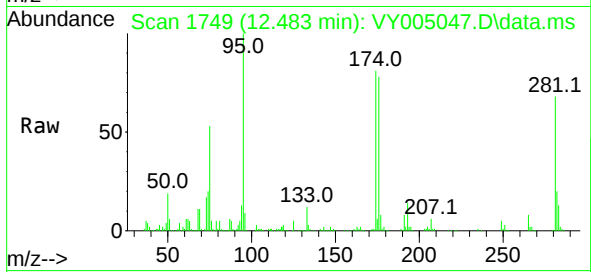
Tgt Ion: 75 Resp: 33853
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.075 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005047.D
 Acq: 09 Jun 2021 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33853
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 2.0 35.0 52.6#

