

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005158.D
 Acq On : 17 Jun 2021 15:47
 Operator : SY/MD
 Sample : M2749-05
 Misc : 6.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:02:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	153980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	279733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	276206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100052	67.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.400%
35) Dibromofluoromethane	7.728	113	85970	71.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.240%
50) Toluene-d8	10.185	98	343013	57.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.120%
62) 4-Bromofluorobenzene	12.483	95	118843	59.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.580%

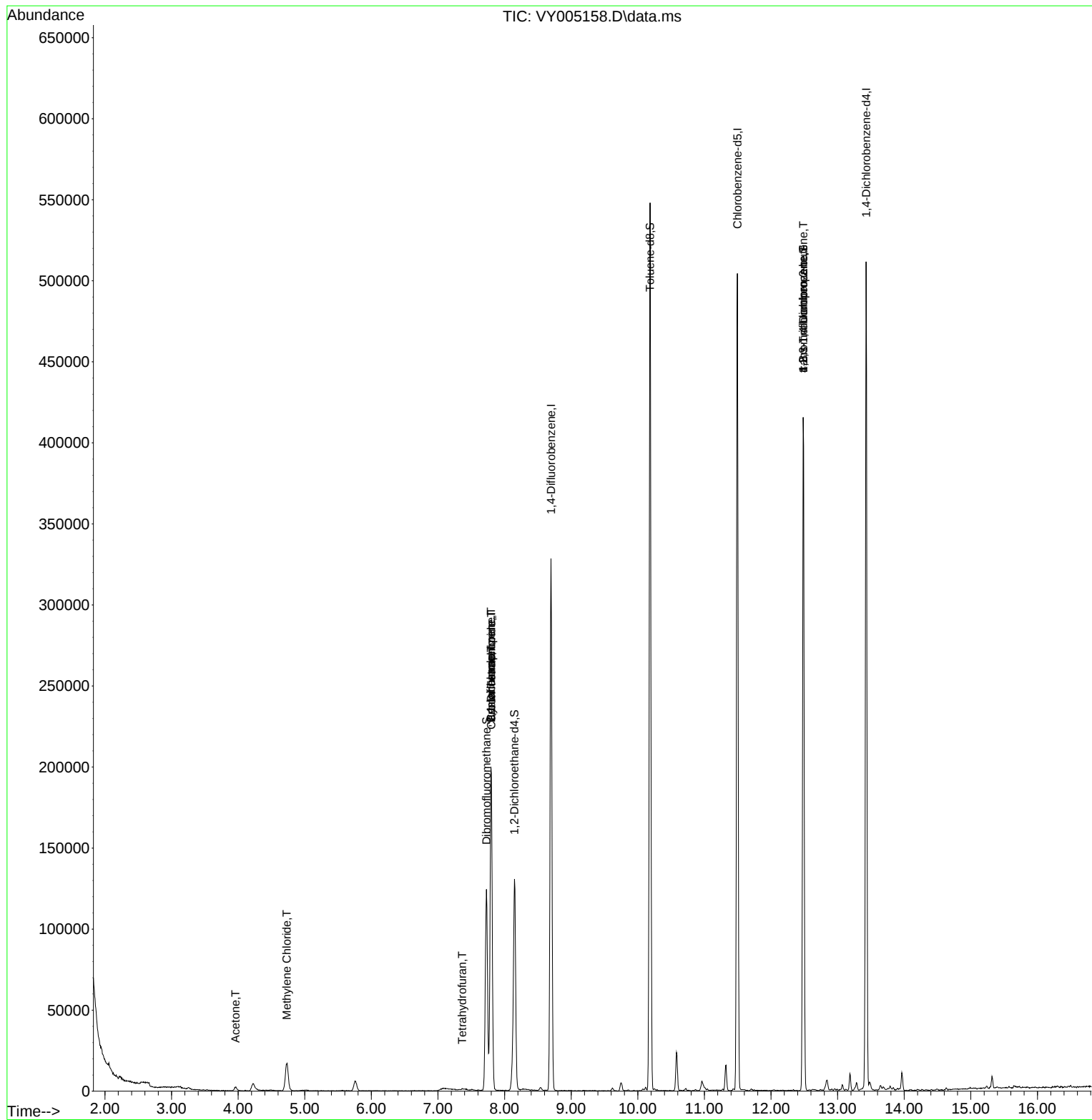
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	966	Below Cal	#	74
16) Acetone	3.960	43	4141	13.675	ug/l	93
20) Methylene Chloride	4.728	84	13318	1.360	ug/l	93
29) Tetrahydrofuran	7.362	42	389	1.243	ug/l	# 49
31) Cyclohexane	7.795	56	3138	1.239	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	12110	4.727	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	15256	5.609	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	63367	54.364	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	63367	101.420	ug/l	# 11

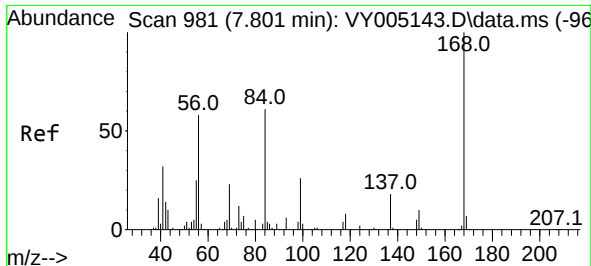
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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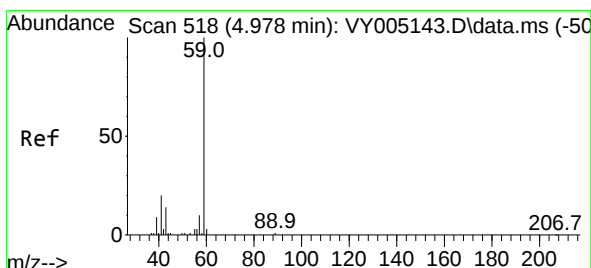
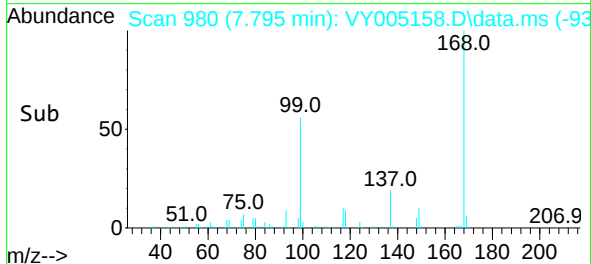
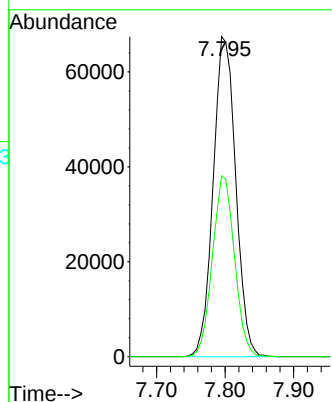
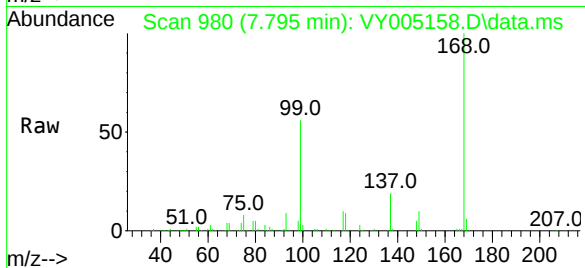




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

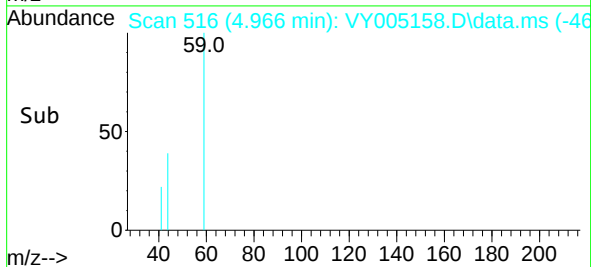
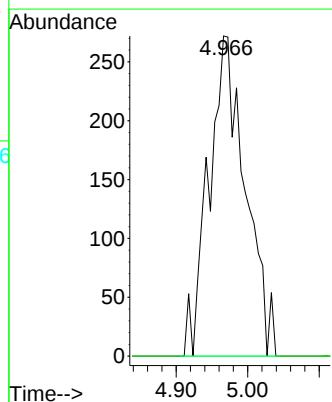
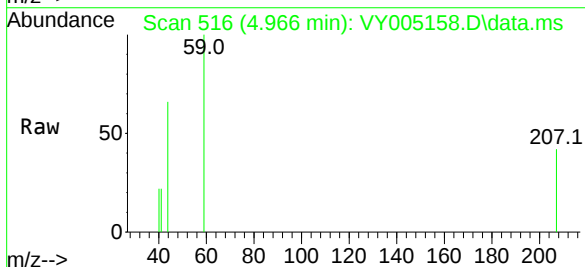
Instrument :
MSVOA_Y
ClientSampleId :

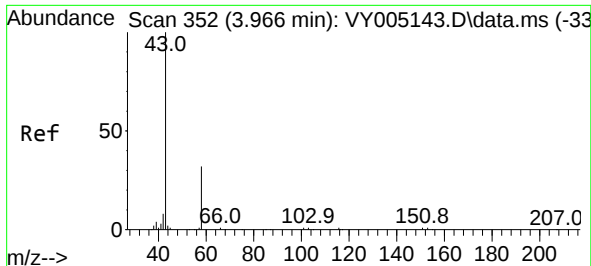
Tgt Ion:168 Resp: 153980
Ion Ratio Lower Upper
168 100
99 56.5 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

Tgt Ion: 59 Resp: 966
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

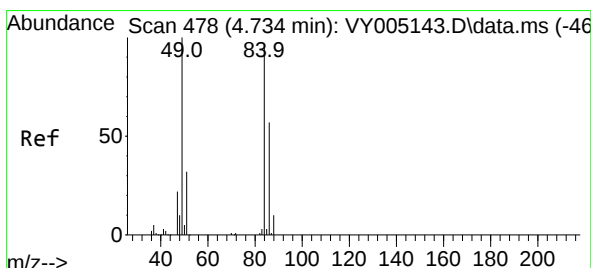
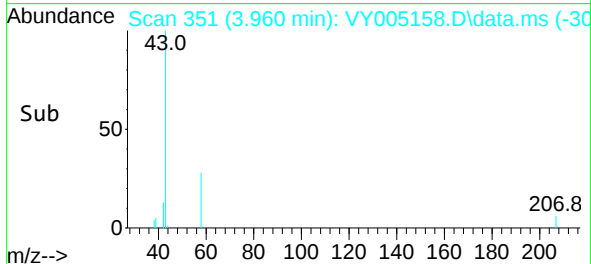
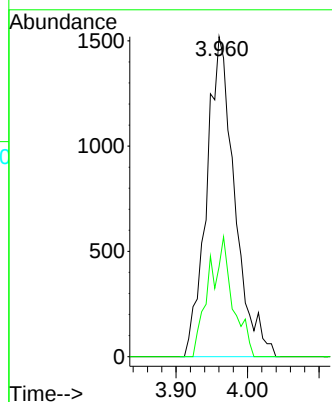
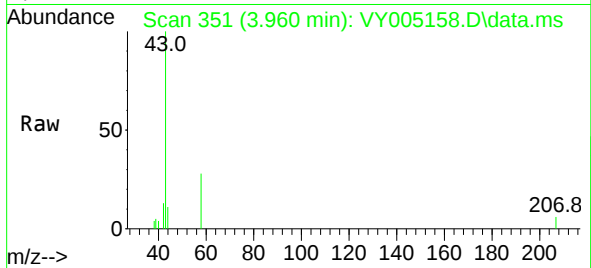




#16
Acetone
Concen: 13.675 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

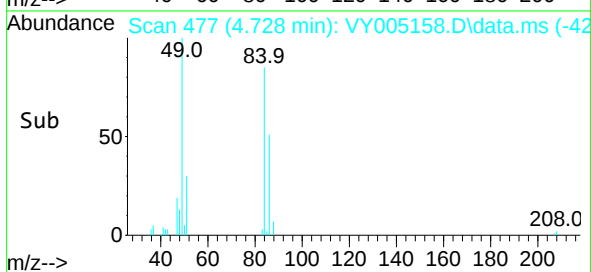
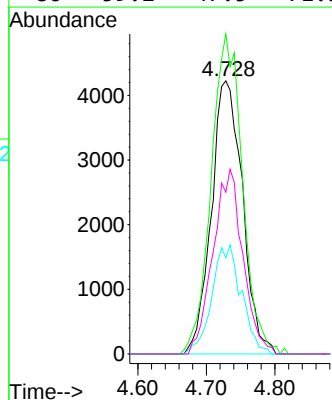
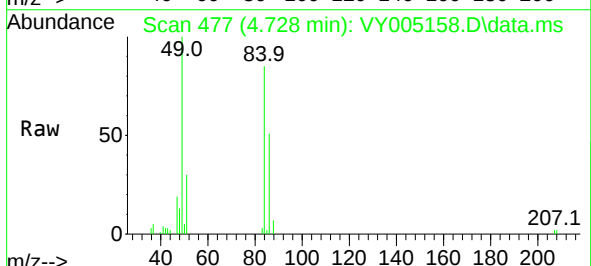
Instrument :
MSVOA_Y
ClientSampled :

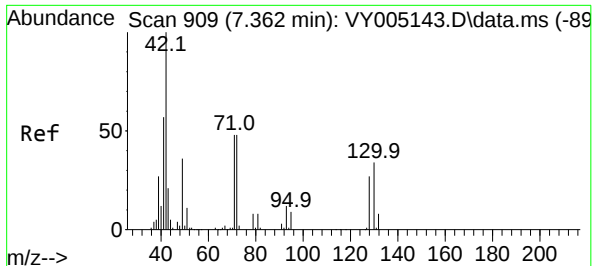
Tgt Ion: 43 Resp: 4141
Ion Ratio Lower Upper
43 100
58 28.2 25.6 38.4



#20
Methylene Chloride
Concen: 1.360 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

Tgt Ion: 84 Resp: 13318
Ion Ratio Lower Upper
84 100
49 117.2 83.4 125.2
51 35.2 26.8 40.2
86 59.2 47.5 71.3





#29

Tetrahydrofuran

Concen: 1.243 ug/l

RT: 7.362 min Scan# 909

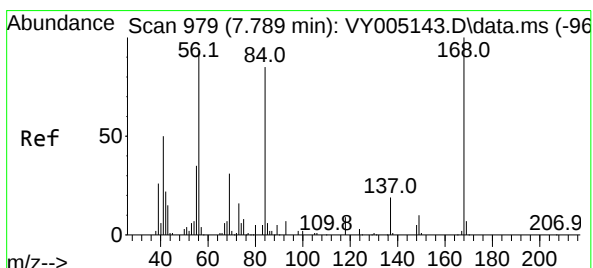
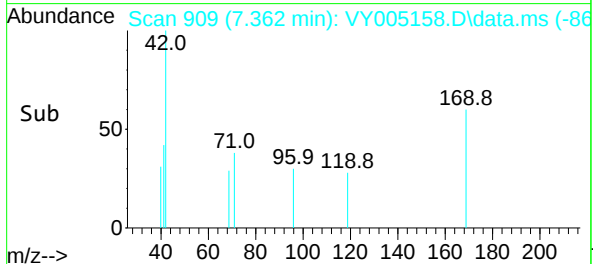
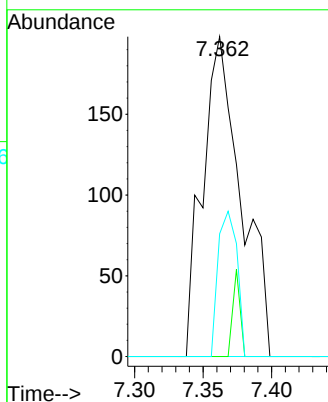
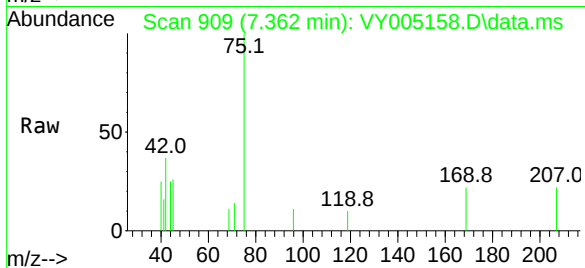
Delta R.T. 0.000 min

Lab File: VY005158.D

Acq: 17 Jun 2021 15:47

Tgt Ion:	42	Resp:	389
Ion	Ratio	Lower	Upper
42	100		
72	5.1	39.4	59.2#
71	22.1	37.4	56.2#

Instrument :
MSVOA_Y
ClientSampleId :



#31

Cyclohexane

Concen: 1.239 ug/l

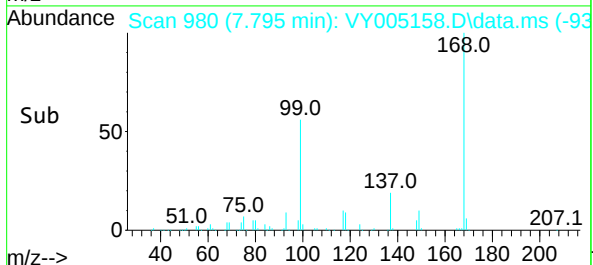
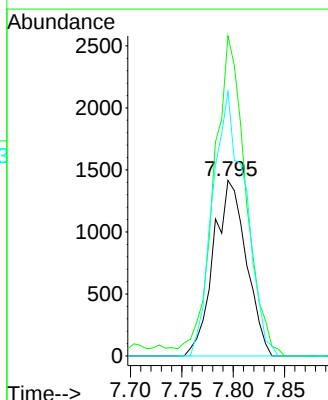
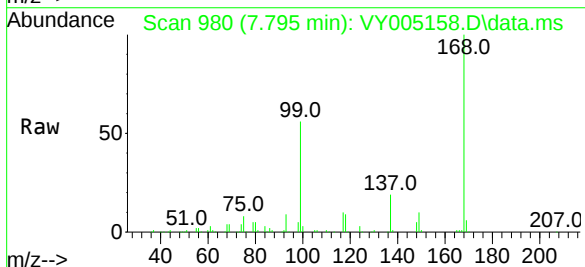
RT: 7.795 min Scan# 980

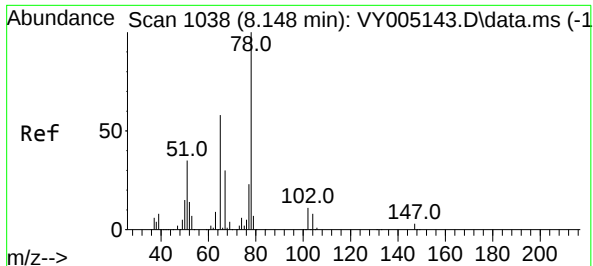
Delta R.T. 0.006 min

Lab File: VY005158.D

Acq: 17 Jun 2021 15:47

Tgt Ion:	56	Resp:	3138
Ion	Ratio	Lower	Upper
56	100		
69	178.3	26.3	39.5#
84	158.0	73.2	109.8#

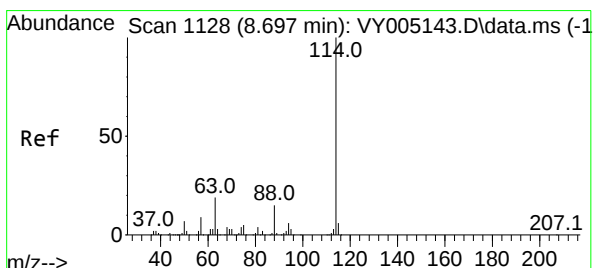
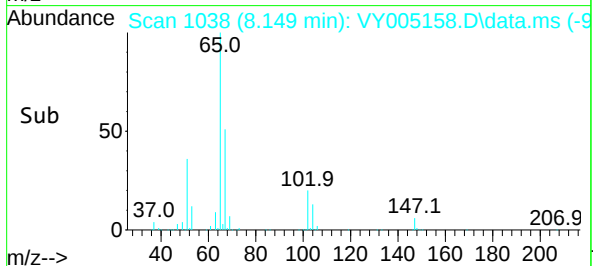
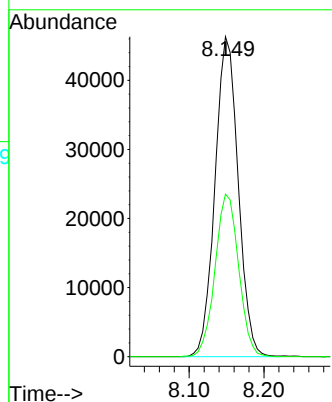
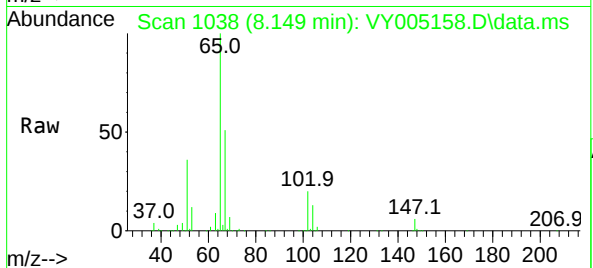




#33
1,2-Dichloroethane-d4
Concen: 67.202 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

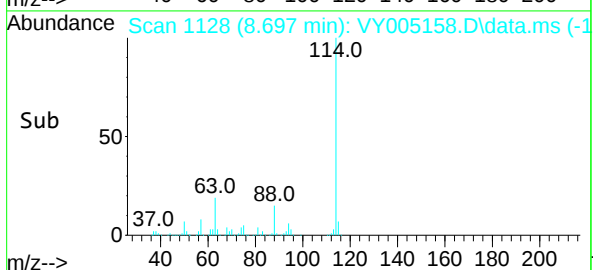
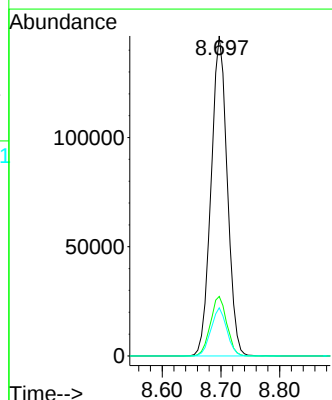
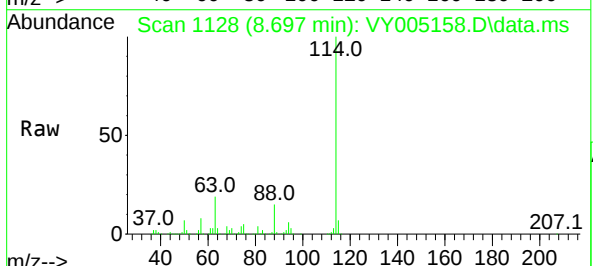
Instrument :
MSVOA_Y
ClientSampled :

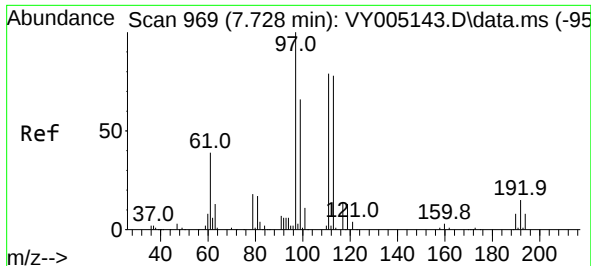
Tgt Ion: 65 Resp: 100052
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

Tgt Ion: 114 Resp: 279733
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.6
88 15.0 0.0 29.6

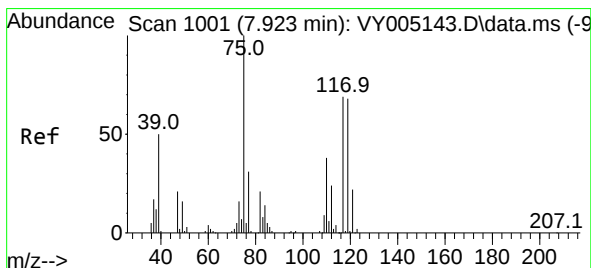
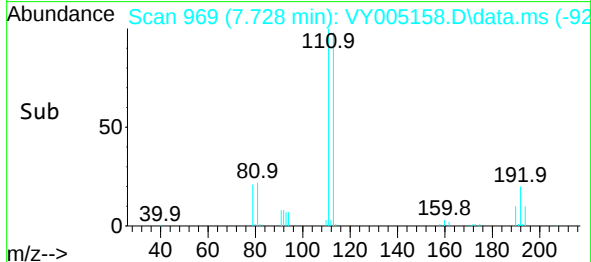
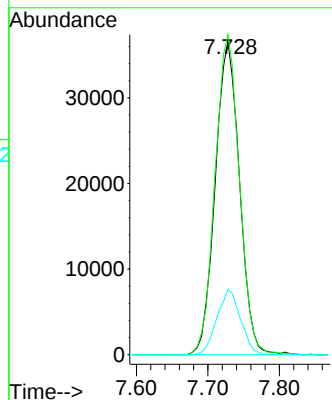
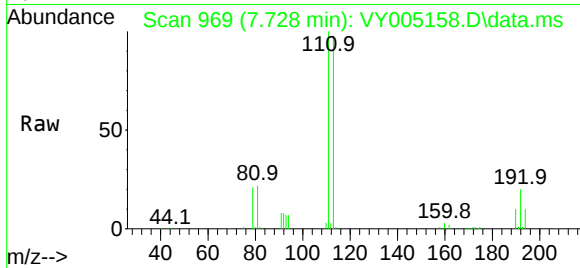




#35
Dibromofluoromethane
Concen: 71.622 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

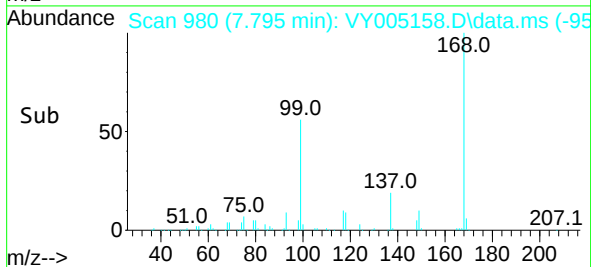
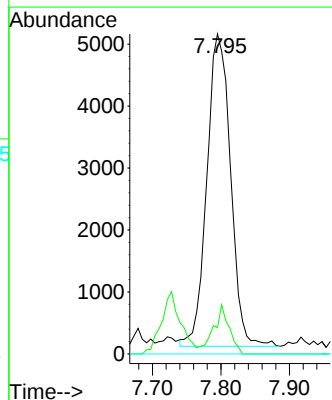
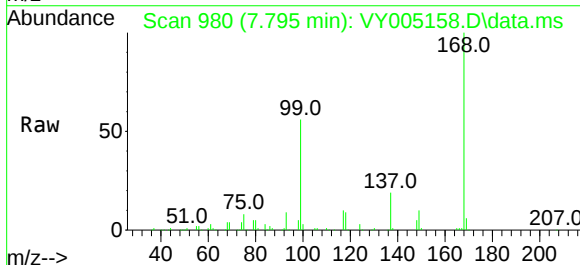
Instrument :
MSVOA_Y
ClientSampleId :

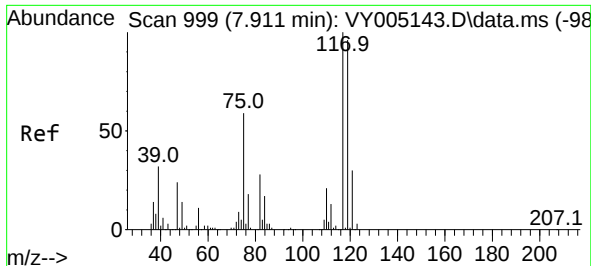
Tgt Ion:113 Resp: 85970
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 20.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

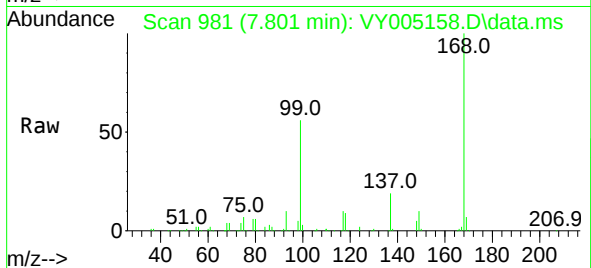
Tgt Ion: 75 Resp: 12110
Ion Ratio Lower Upper
75 100
110 10.5 18.8 56.3#
77 0.0 24.6 36.8#



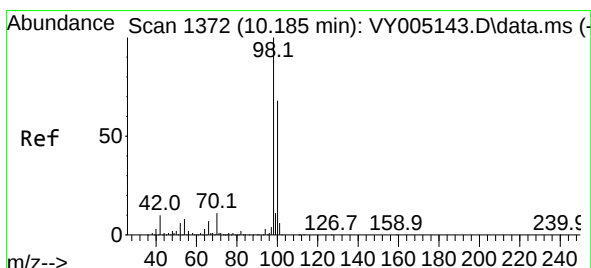
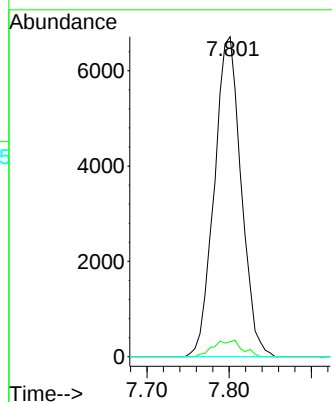
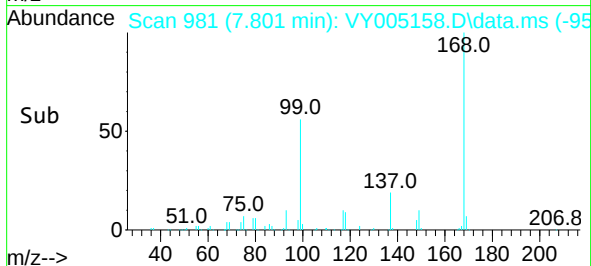


#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

Instrument :
MSVOA_Y
ClientSampleId :

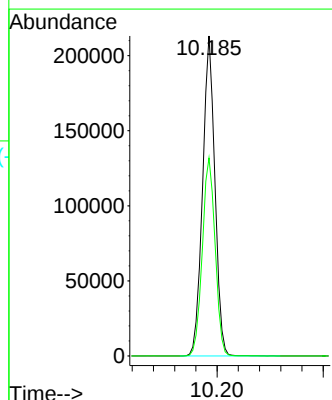
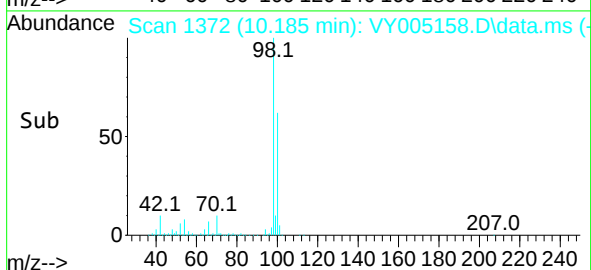
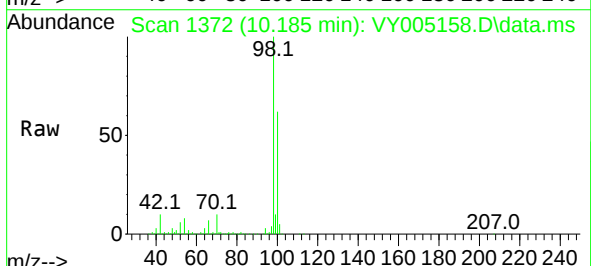


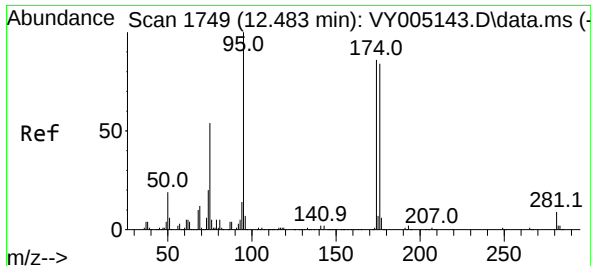
Tgt Ion:117 Resp: 15256
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 57.557 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

Tgt Ion: 98 Resp: 343013
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

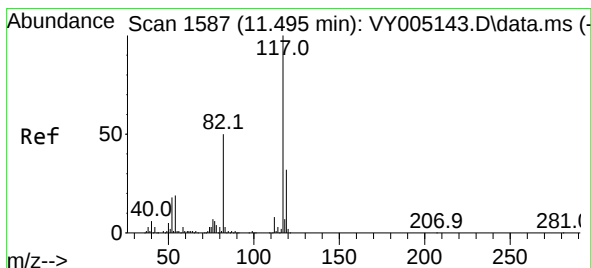
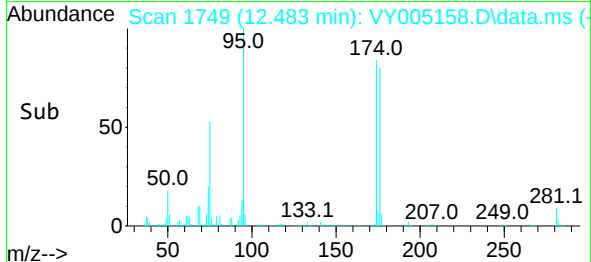
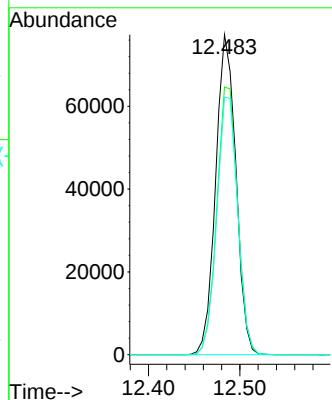
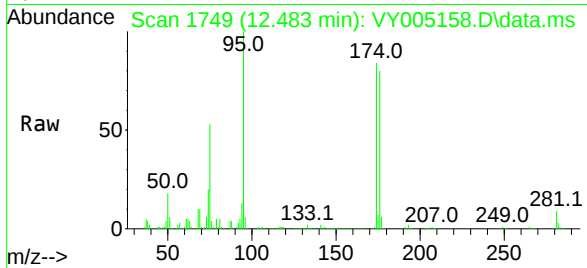




#62
4-Bromofluorobenzene
Concen: 59.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

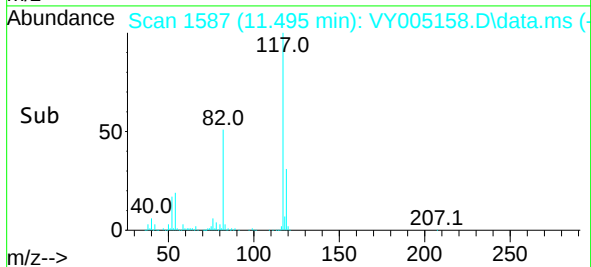
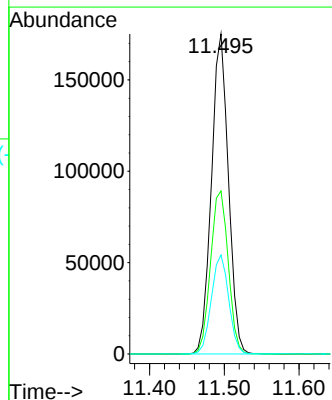
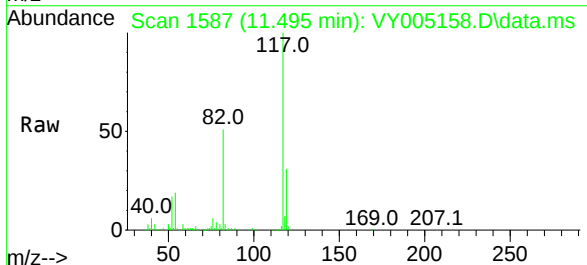
Instrument :
MSVOA_Y
ClientSampleId :

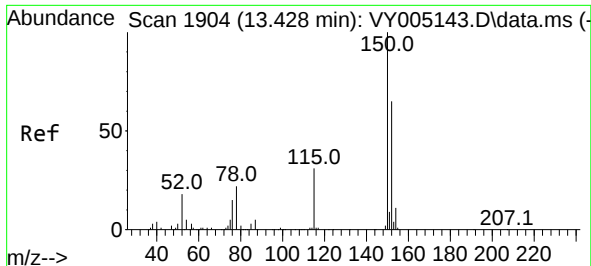
Tgt Ion: 95 Resp: 118843
Ion Ratio Lower Upper
95 100
174 86.0 0.0 179.2
176 83.3 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005158.D
Acq: 17 Jun 2021 15:47

Tgt Ion: 117 Resp: 276206
Ion Ratio Lower Upper
117 100
82 51.0 39.8 59.6
119 30.9 25.9 38.9

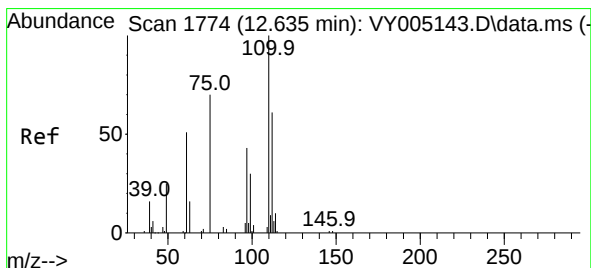
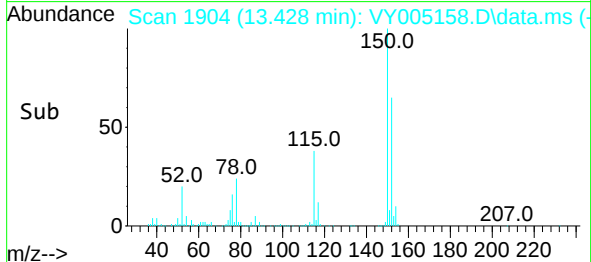
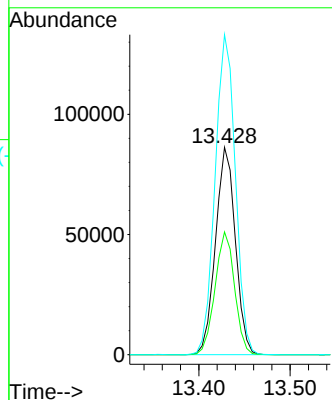
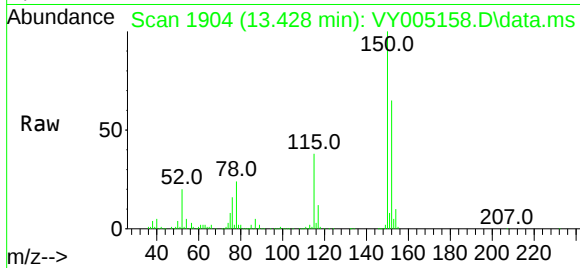




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005158.D
 Acq: 17 Jun 2021 15:47

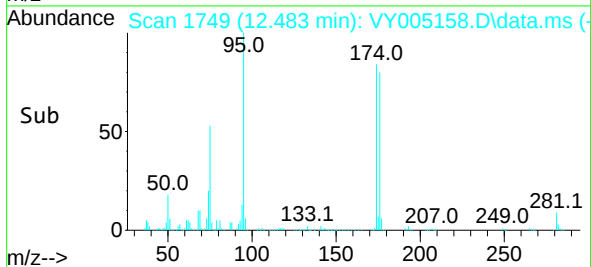
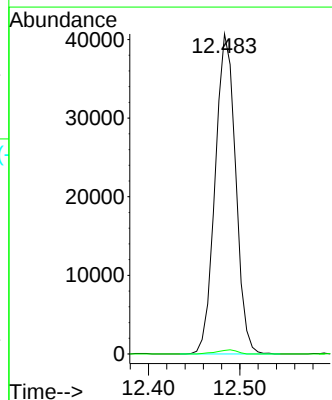
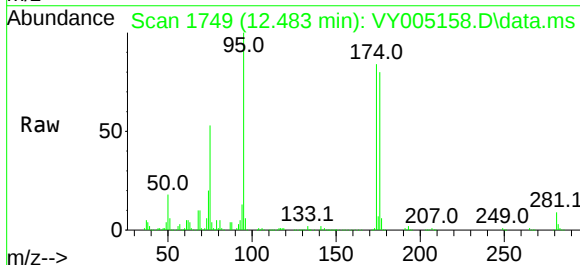
Instrument :
 MSVOA_Y
 ClientSampled :

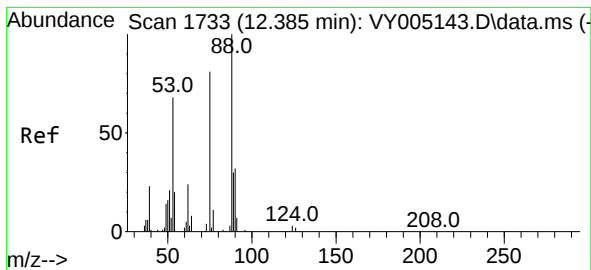
Tgt Ion:152 Resp: 130218
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.5 88.6
 150 157.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.364 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005158.D
 Acq: 17 Jun 2021 15:47

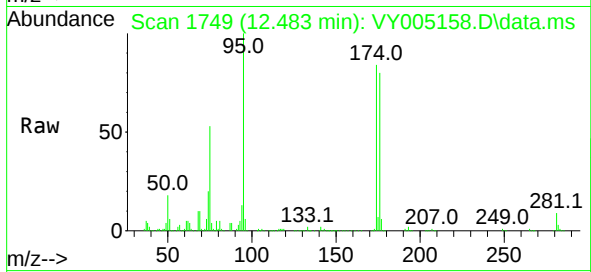
Tgt Ion: 75 Resp: 63367
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.420 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005158.D
 Acq: 17 Jun 2021 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.0	44.1	66.1#

