

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005446.D
 Acq On : 26 Jul 2021 15:49
 Operator : SY/MD
 Sample : M3150-01RE
 Misc : 4.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:10:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

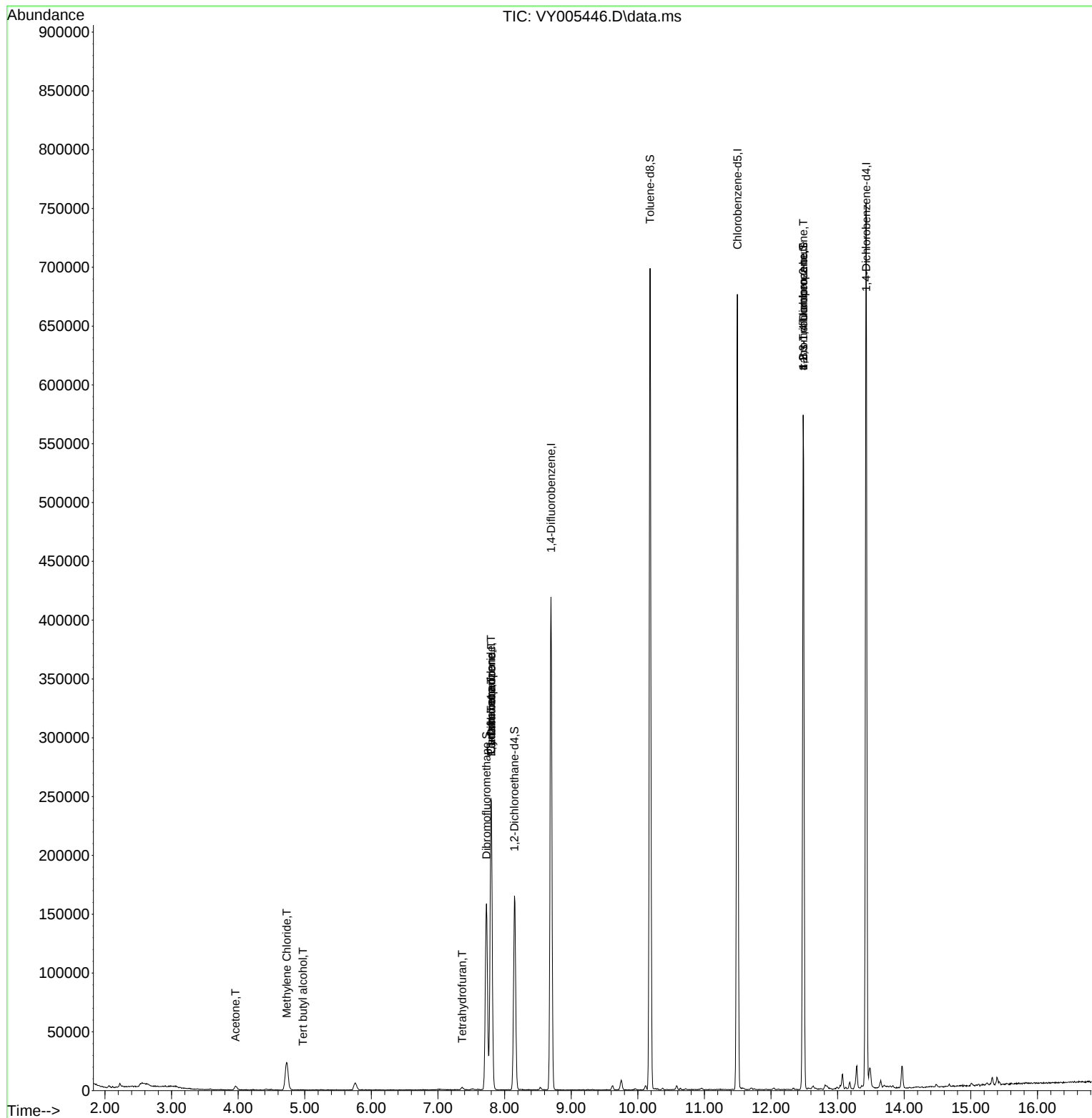
Internal Standards						
1) Pentafluorobenzene	7.801	168	204104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	347453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	359520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	190564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133619	61.279	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.560%		
35) Dibromofluoromethane	7.728	113	107709	53.687	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.380%		
50) Toluene-d8	10.185	98	447428	52.619	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.240%		
62) 4-Bromofluorobenzene	12.483	95	162556	57.923	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 115.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	263	1.277	ug/l #	82
16) Acetone	3.960	43	6155	12.360	ug/l	91
20) Methylene Chloride	4.728	84	18364	5.333	ug/l	93
29) Tetrahydrofuran	7.362	42	1463	2.963	ug/l	91
31) Cyclohexane	7.795	56	4056	1.089	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14839	4.417	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18561	5.056	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	89621	47.795	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89621	92.805	ug/l #	11

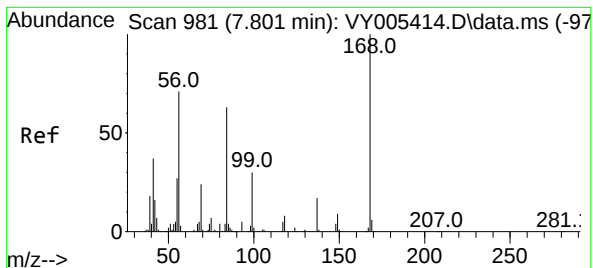
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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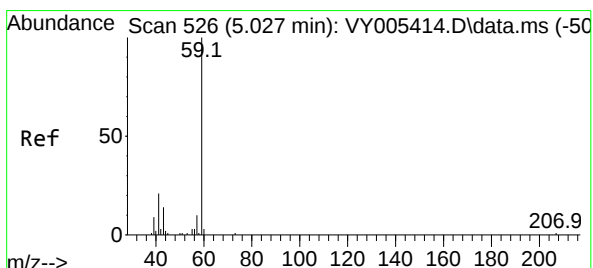
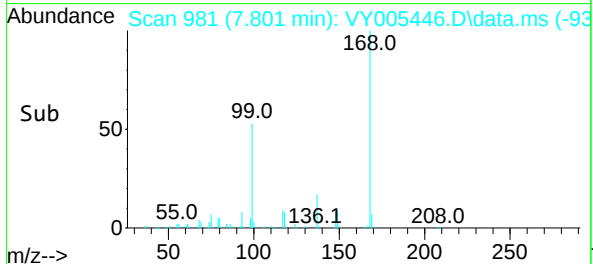
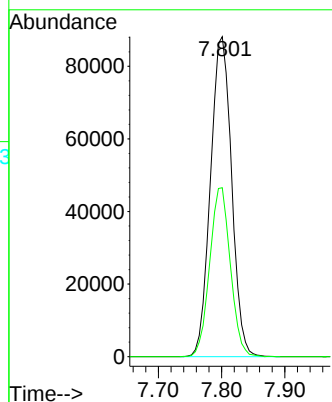
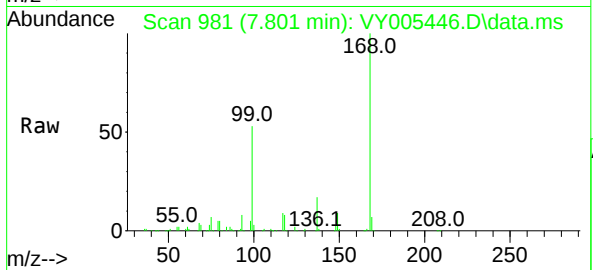




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

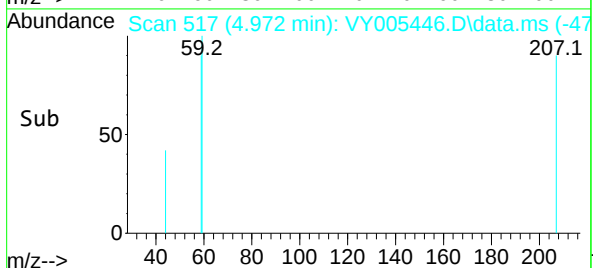
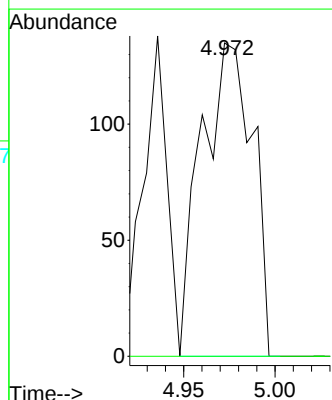
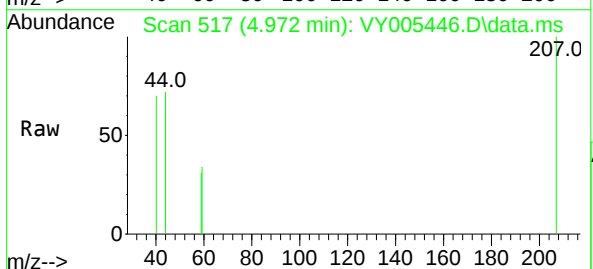
Instrument :
MSVOA_Y
ClientSampled :

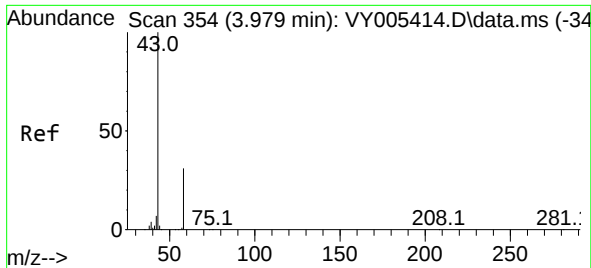
Tgt Ion:168 Resp: 204104
Ion Ratio Lower Upper
168 100
99 52.8 39.8 59.6



#11
Tert butyl alcohol
Concen: 1.277 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.055 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

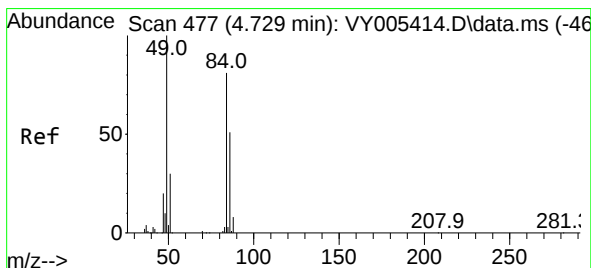
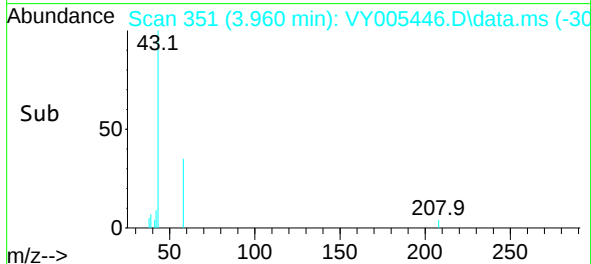
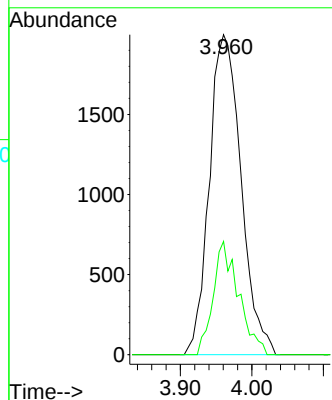
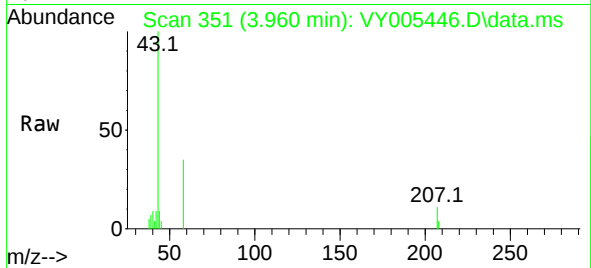




#16
Acetone
Concen: 12.360 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

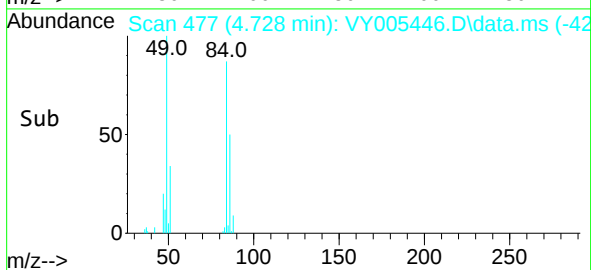
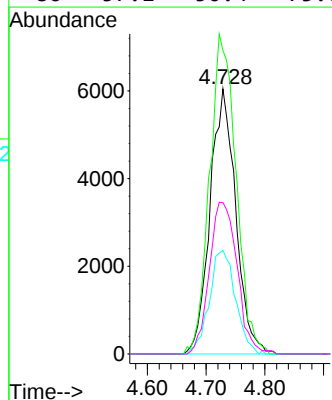
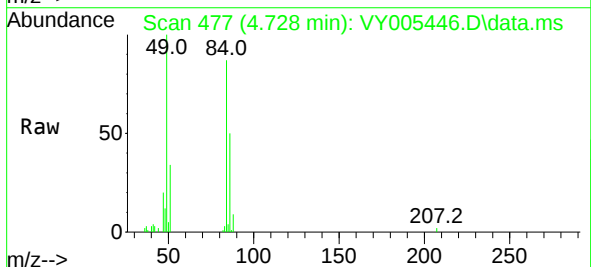
Instrument :
MSVOA_Y
ClientSampled :

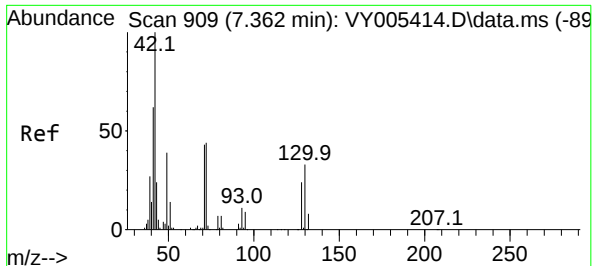
Tgt Ion: 43 Resp: 6155
Ion Ratio Lower Upper
43 100
58 35.4 24.5 36.7



#20
Methylene Chloride
Concen: 5.333 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

Tgt Ion: 84 Resp: 18364
Ion Ratio Lower Upper
84 100
49 114.5 98.9 148.3
51 39.0 30.0 45.0
86 57.1 50.4 75.6





#29

Tetrahydrofuran

Concen: 2.963 ug/l

RT: 7.362 min Scan# 909

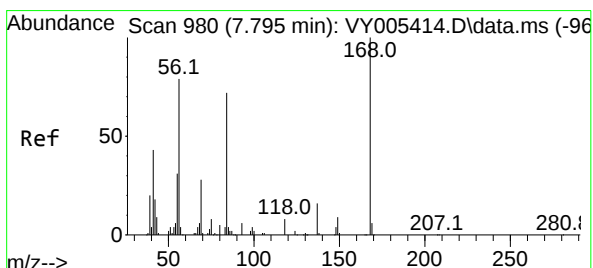
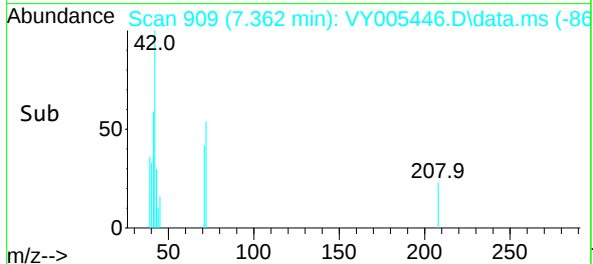
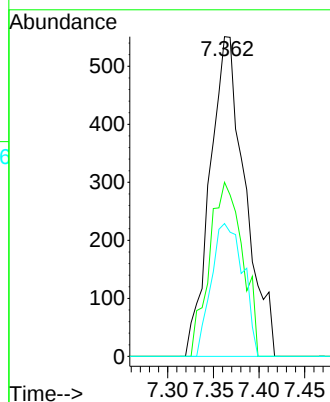
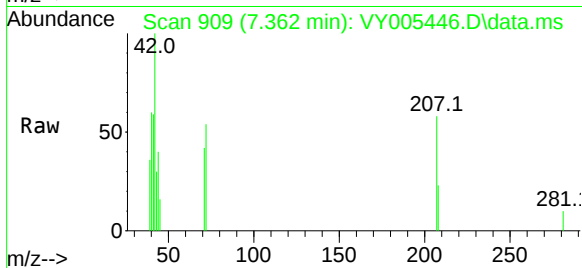
Delta R.T. -0.000 min

Lab File: VY005446.D

Acq: 26 Jul 2021 15:49

Tgt Ion: 42 Resp: 1463

Ion	Ratio	Lower	Upper
42	100		
72	51.8	35.3	52.9
71	37.9	33.4	50.2



#31

Cyclohexane

Concen: 1.089 ug/l

RT: 7.795 min Scan# 980

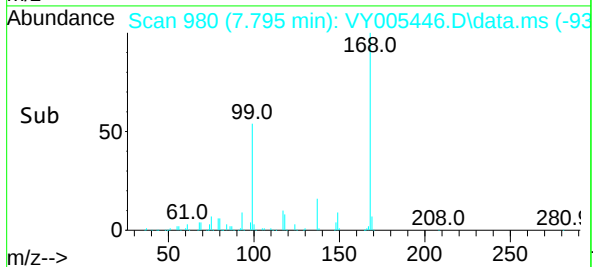
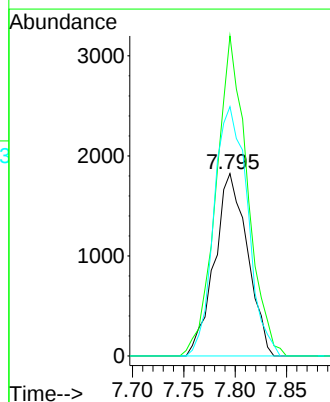
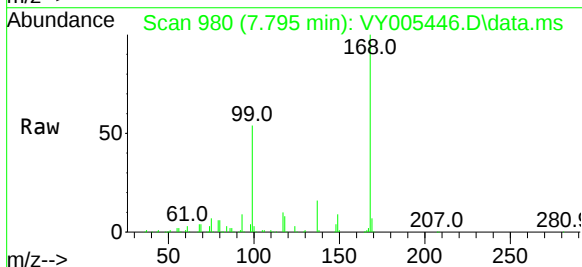
Delta R.T. -0.000 min

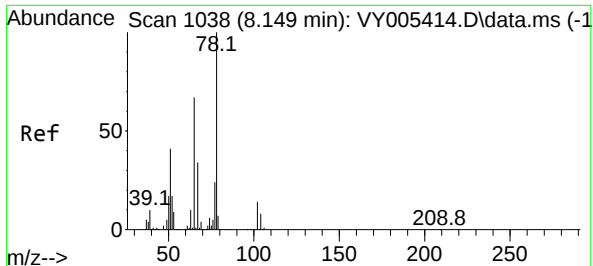
Lab File: VY005446.D

Acq: 26 Jul 2021 15:49

Tgt Ion: 56 Resp: 4056

Ion	Ratio	Lower	Upper
56	100		
69	175.5	28.7	43.1#
84	136.7	73.0	109.6#

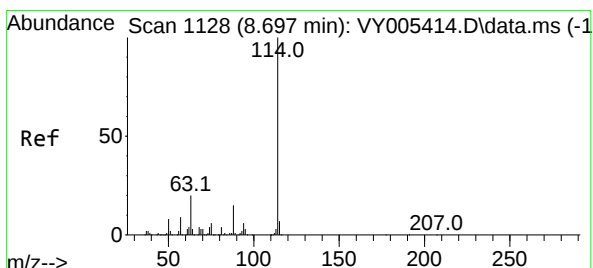
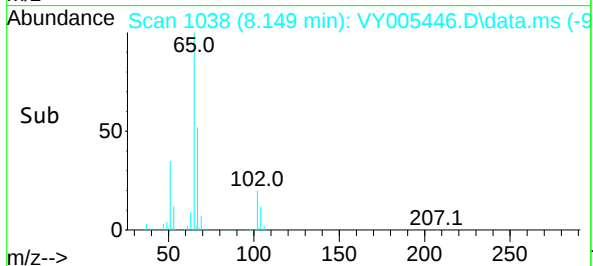
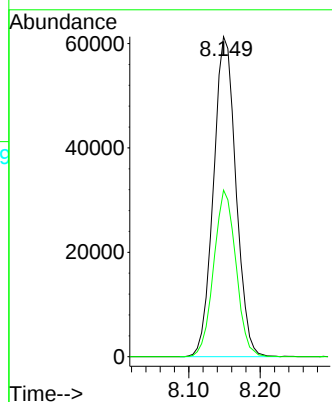
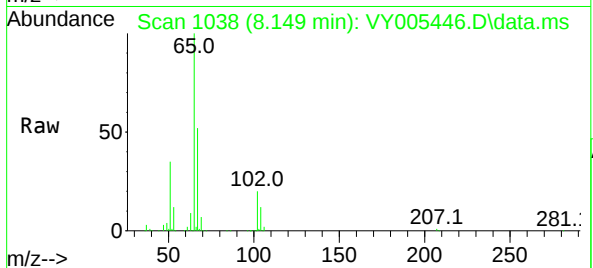




#33
1,2-Dichloroethane-d4
Concen: 61.279 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

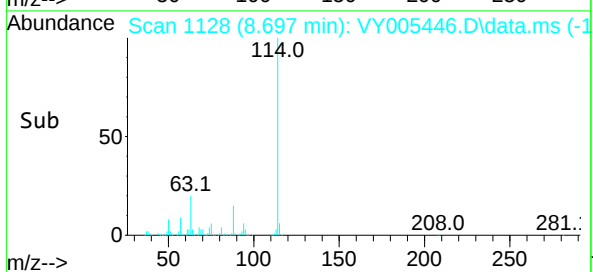
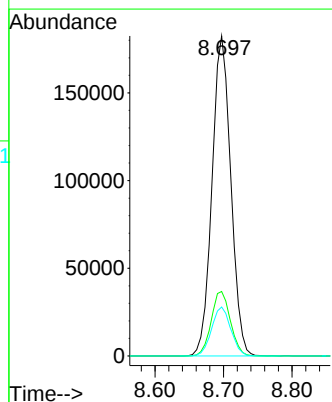
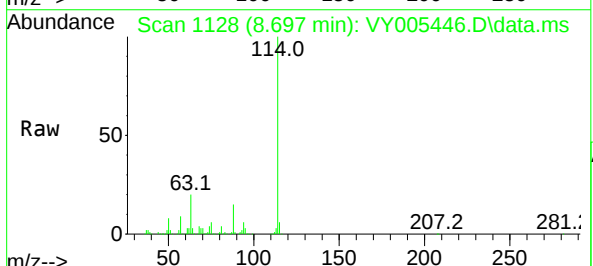
Instrument :
MSVOA_Y
ClientSampled :

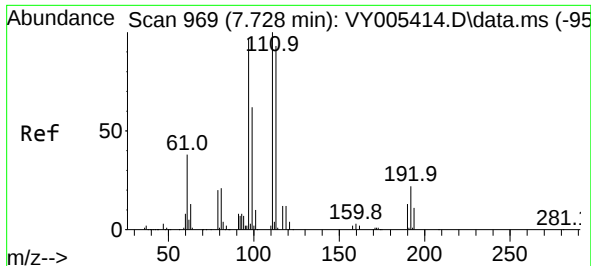
Tgt Ion: 65 Resp: 133619
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

Tgt Ion:114 Resp: 347453
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.687 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005446.D

Acq: 26 Jul 2021 15:49

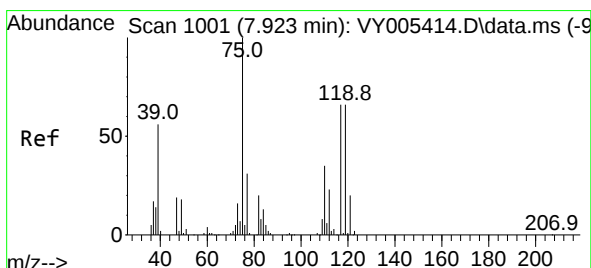
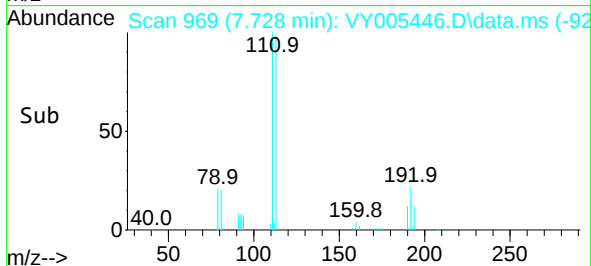
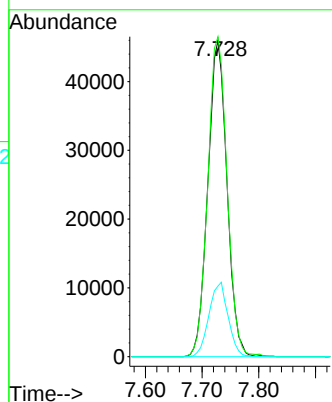
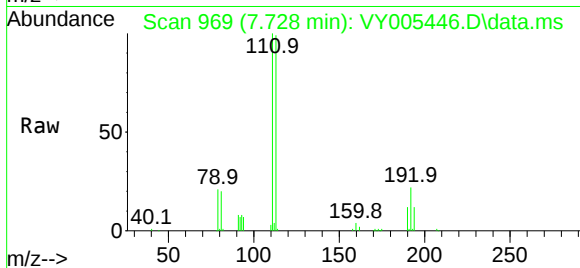
Tgt Ion:113 Resp: 107709

Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 23.4 18.9 28.3



#36

1,1-Dichloropropene

Concen: 4.417 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY005446.D

Acq: 26 Jul 2021 15:49

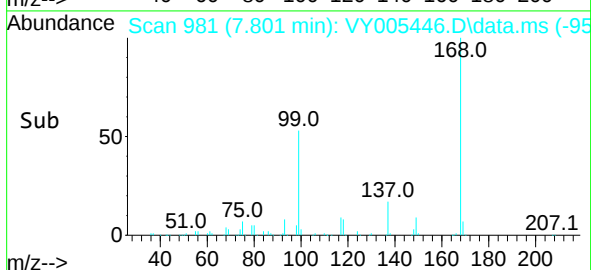
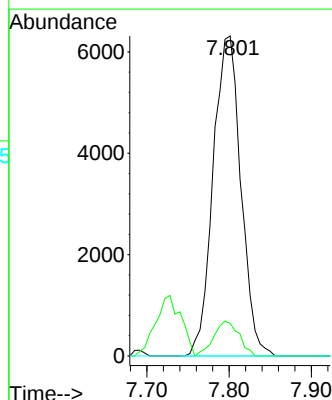
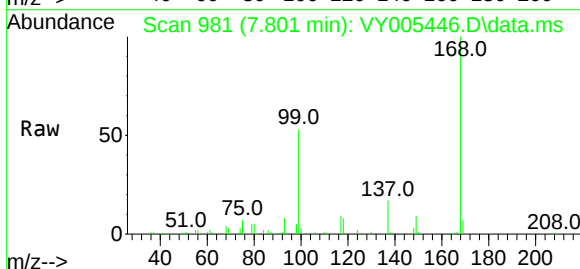
Tgt Ion: 75 Resp: 14839

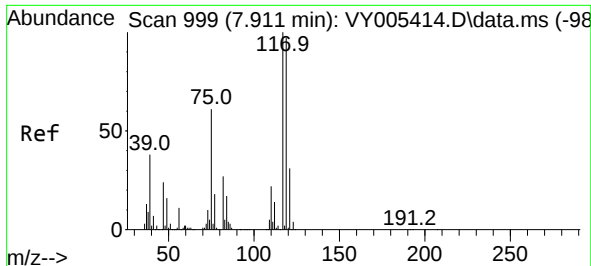
Ion Ratio Lower Upper

75 100

110 9.9 17.6 52.9#

77 0.0 24.6 37.0#

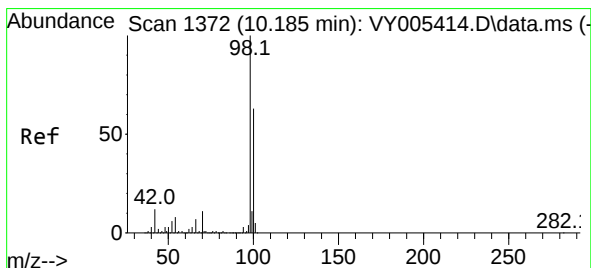
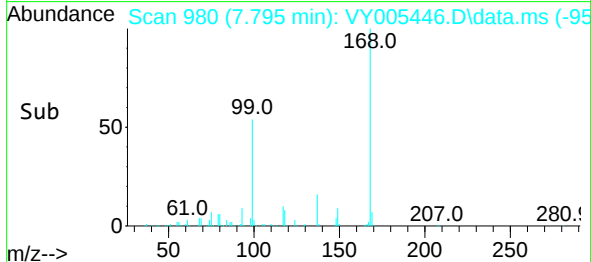
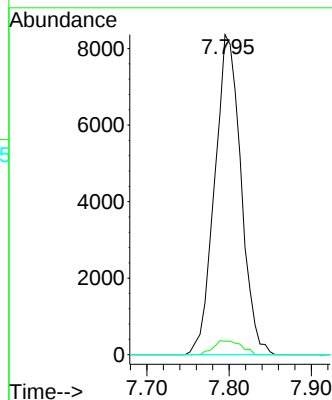
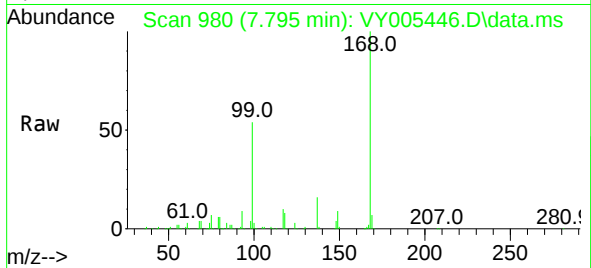




#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

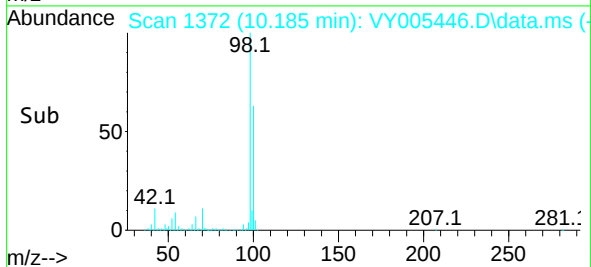
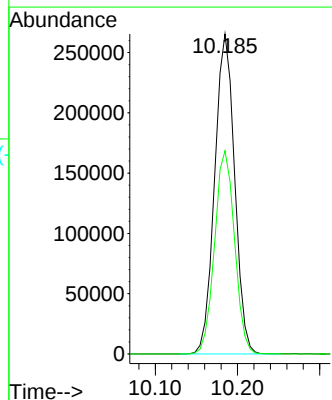
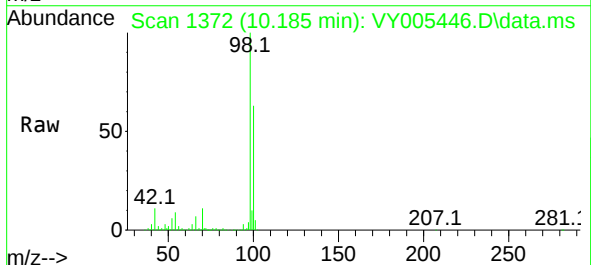
Instrument :
MSVOA_Y
ClientSampleId :

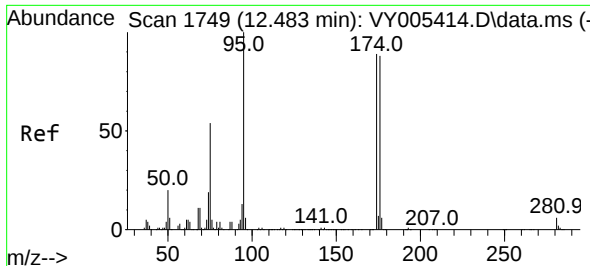
Tgt Ion:117 Resp: 18561
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.619 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

Tgt Ion: 98 Resp: 447428
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

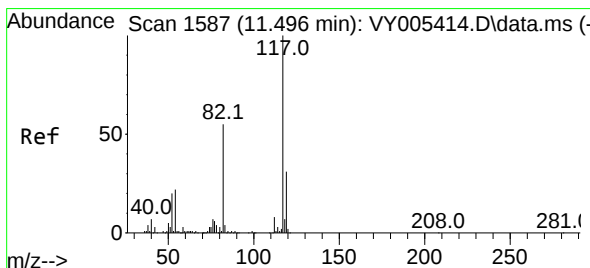
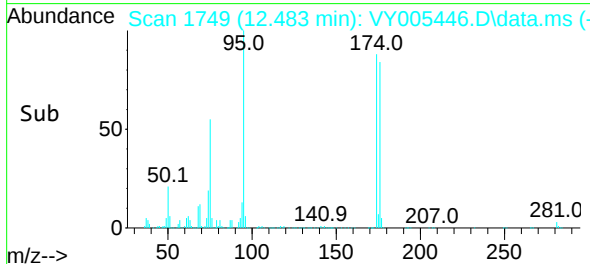
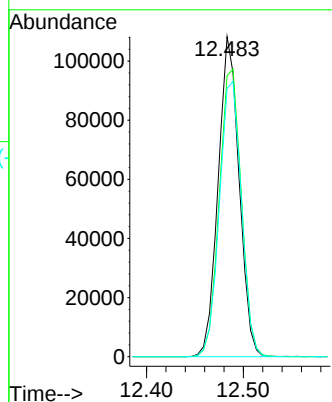
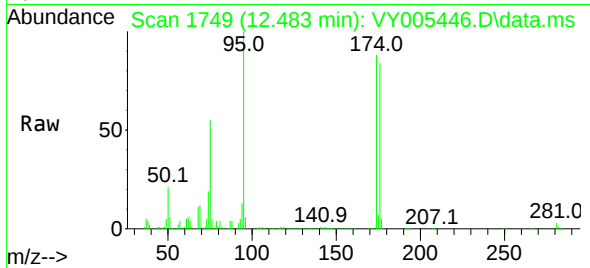




#62
4-Bromofluorobenzene
Concen: 57.923 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

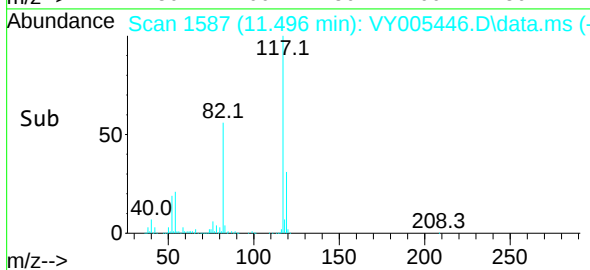
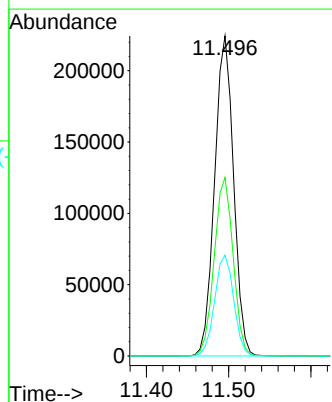
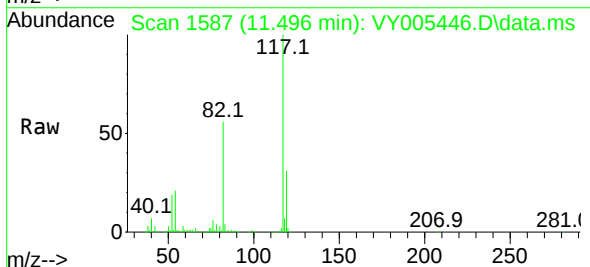
Instrument :
MSVOA_Y
ClientSampleId :

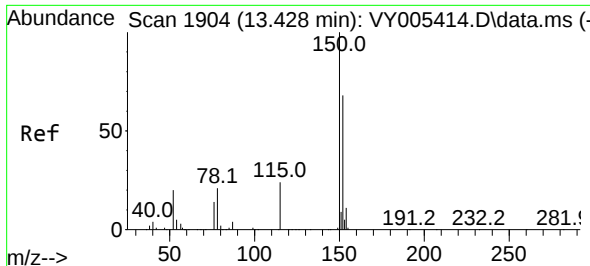
Tgt Ion: 95 Resp: 162556
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.6
176 90.6 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005446.D
Acq: 26 Jul 2021 15:49

Tgt Ion: 117 Resp: 359520
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.6
119 31.5 24.8 37.2

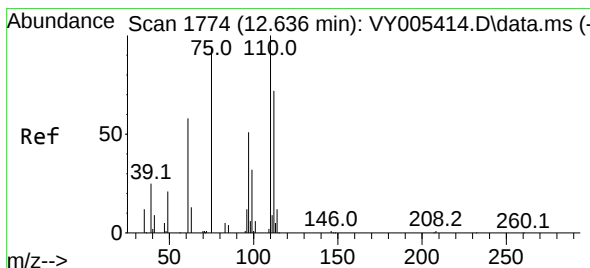
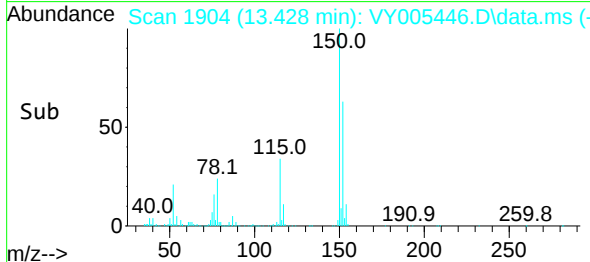
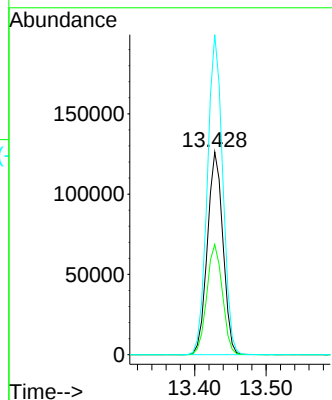
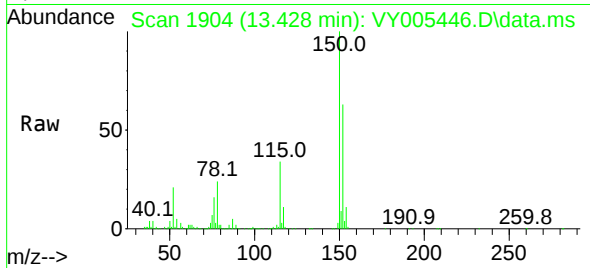




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005446.D
 Acq: 26 Jul 2021 15:49

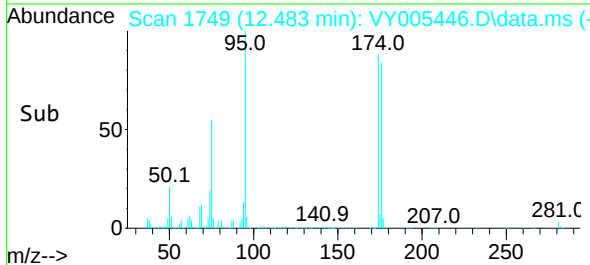
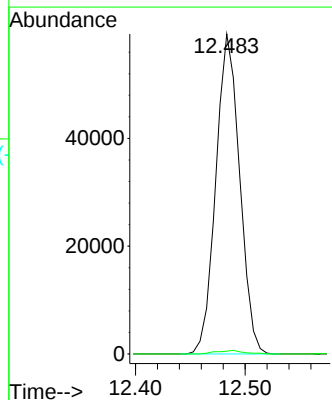
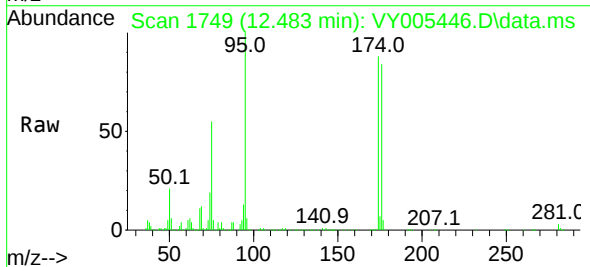
Instrument :
 MSVOA_Y
 ClientSampled :

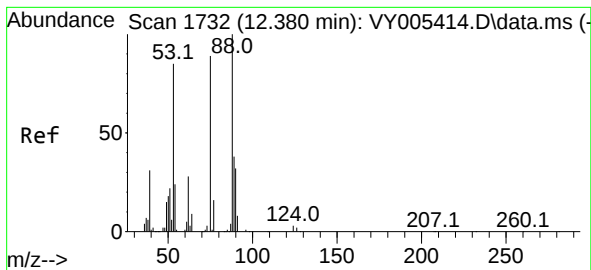
Tgt Ion:152 Resp: 190564
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.7 83.1
 150 156.6 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 47.795 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005446.D
 Acq: 26 Jul 2021 15:49

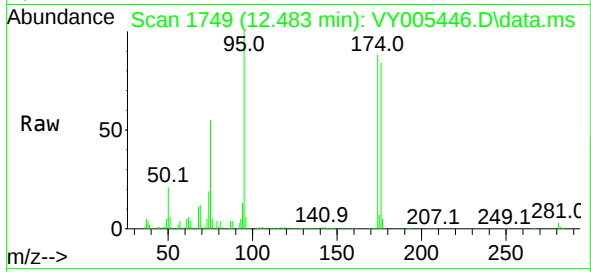
Tgt Ion: 75 Resp: 89621
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.805 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005446.D
 Acq: 26 Jul 2021 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.0	36.9	55.3#

