

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005502.D
 Acq On : 28 Jul 2021 20:10
 Operator : SY/MD
 Sample : M3223-03
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:36:28 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)

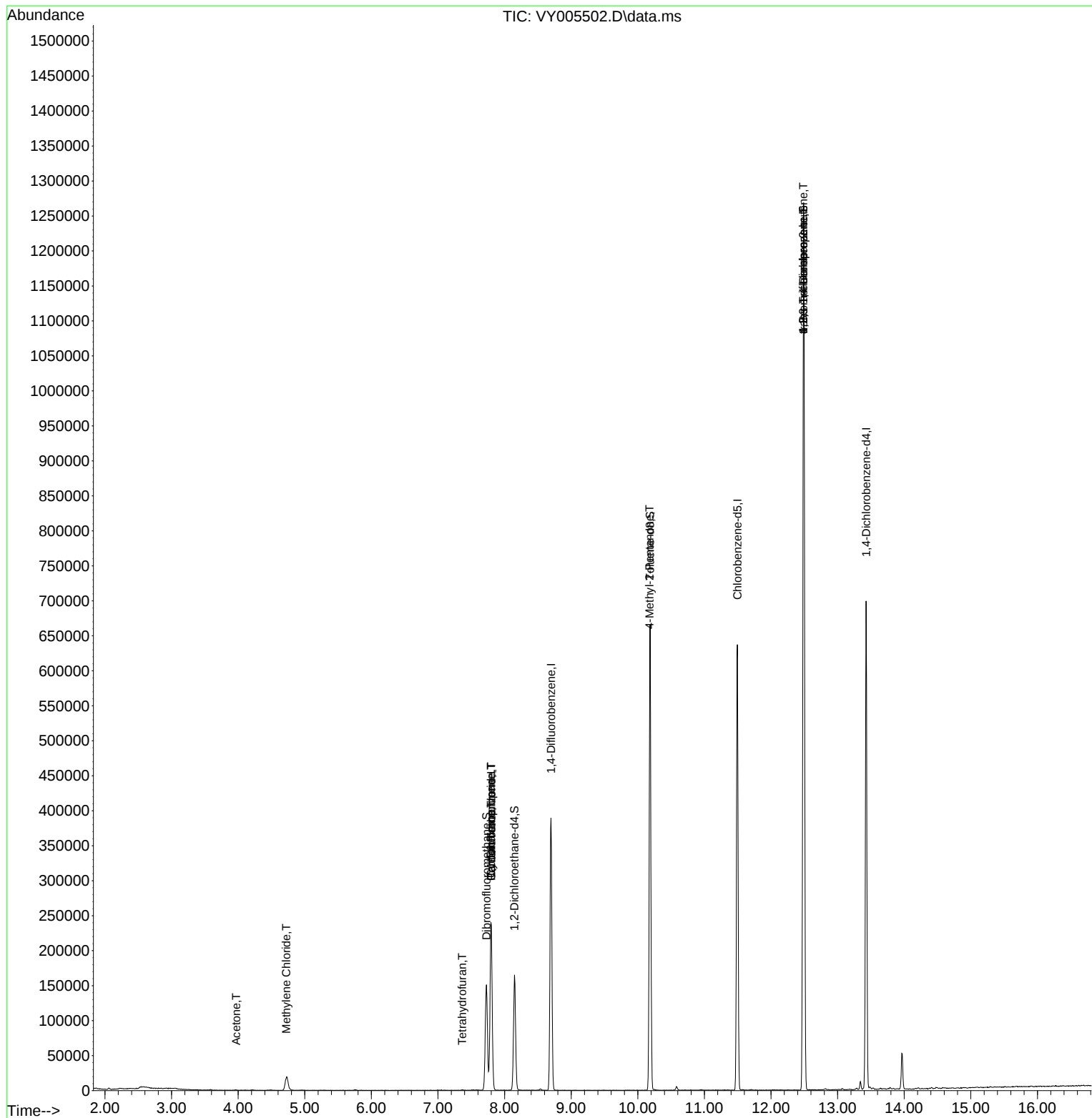
Internal Standards						
1) Pentafluorobenzene	7.801	168	193852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	337877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130921	63.217	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.440%		
35) Dibromofluoromethane	7.728	113	100704	53.272	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.540%		
50) Toluene-d8	10.185	98	421640	52.625	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.260%		
62) 4-Bromofluorobenzene	12.483	95	155526	58.814	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 117.620%		
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	1066	2.254	ug/l #	84
20) Methylene Chloride	4.722	84	14663	4.308	ug/l	96
29) Tetrahydrofuran	7.362	42	496	1.058	ug/l #	62
31) Cyclohexane	7.795	56	3926	1.110	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	13847	4.374	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17852	5.161	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1947	1.051	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	88831	51.287	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88831	99.585	ug/l #	12

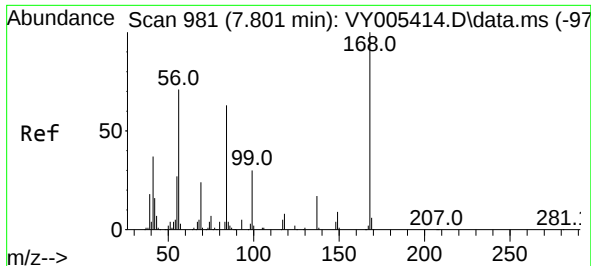
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
Data File : VY005502.D
Acq On : 28 Jul 2021 20:10
Operator : SY/MD
Sample : M3223-03
Misc : 5.89G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 29 05:36:28 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

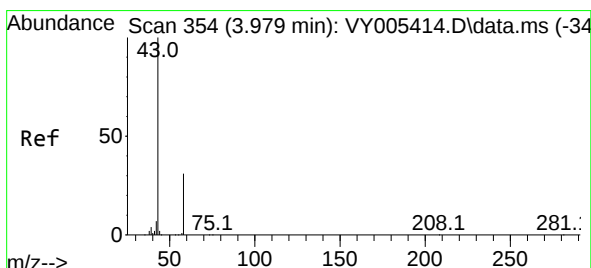
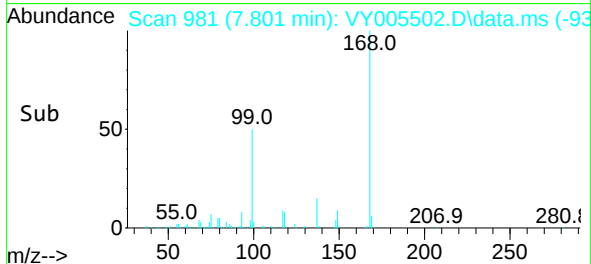
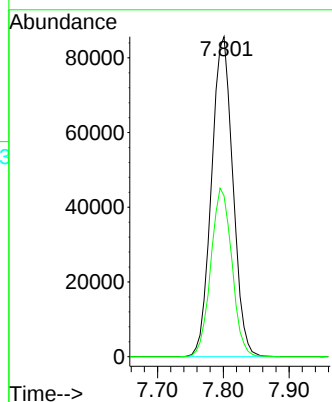
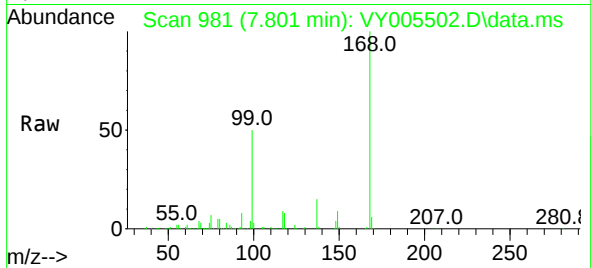




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

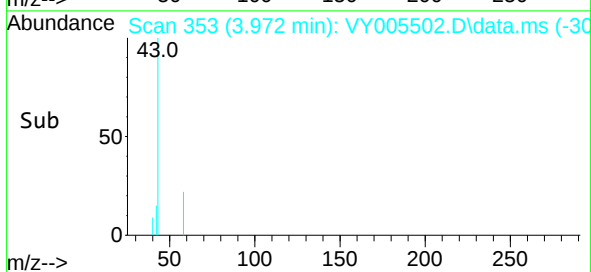
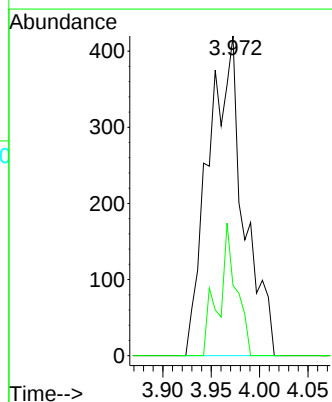
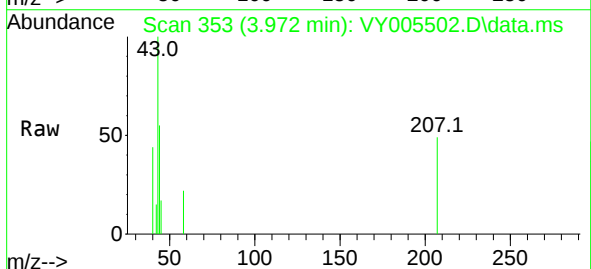
Instrument :
MSVOA_Y
ClientSampled :

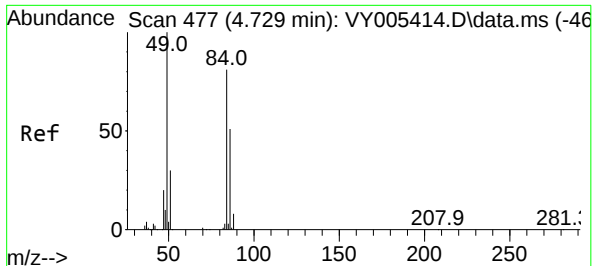
Tgt Ion:168 Resp: 193852
Ion Ratio Lower Upper
168 100
99 50.3 39.8 59.6



#16
Acetone
Concen: 2.254 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 21.9 24.5 36.7#





#20

Methylene Chloride

Concen: 4.308 ug/l

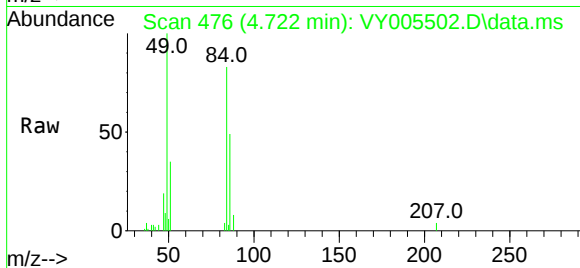
RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005502.D

Acq: 28 Jul 2021 20:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 14663

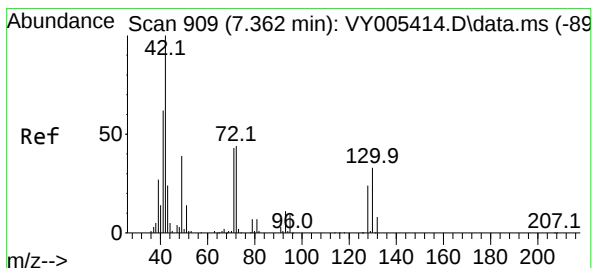
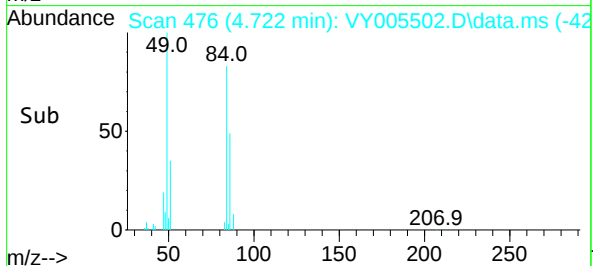
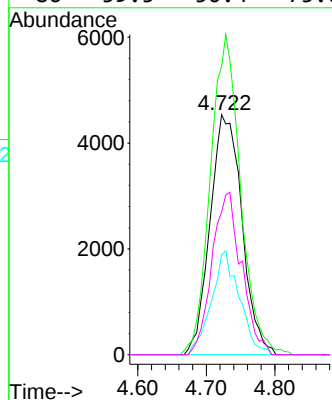
Ion	Ratio	Lower	Upper
84	100		
49	120.2	98.9	148.3
51	41.7	30.0	45.0
86	59.5	50.4	75.6

84 100

49 120.2 98.9 148.3

51 41.7 30.0 45.0

86 59.5 50.4 75.6



#29

Tetrahydrofuran

Concen: 1.058 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY005502.D

Acq: 28 Jul 2021 20:10

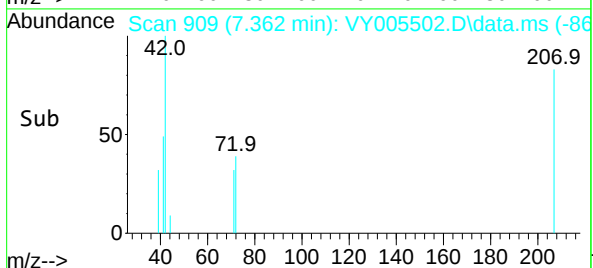
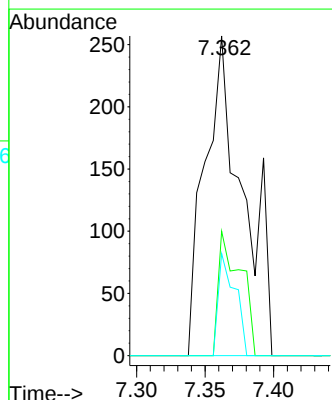
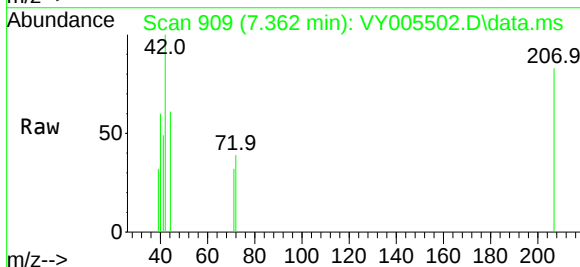
Tgt Ion: 42 Resp: 496

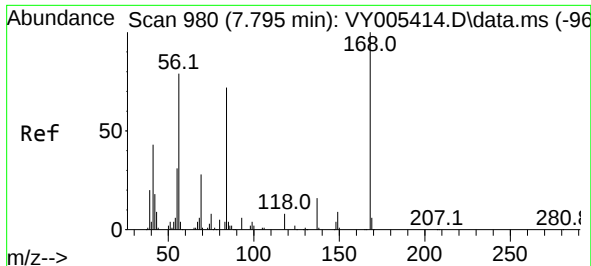
Ion	Ratio	Lower	Upper
42	100		
72	22.6	35.3	52.9#
71	14.1	33.4	50.2#

42 100

72 22.6 35.3 52.9#

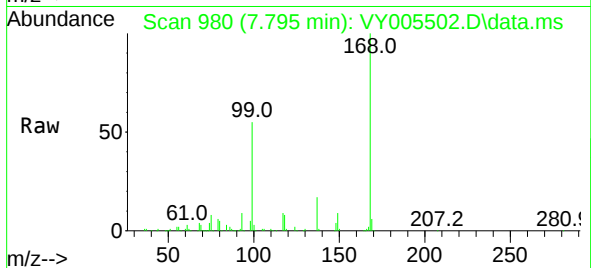
71 14.1 33.4 50.2#



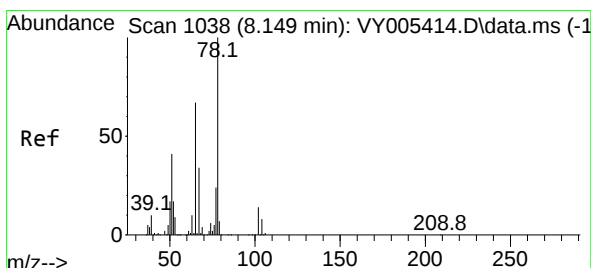
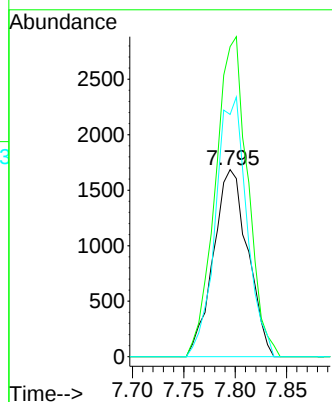
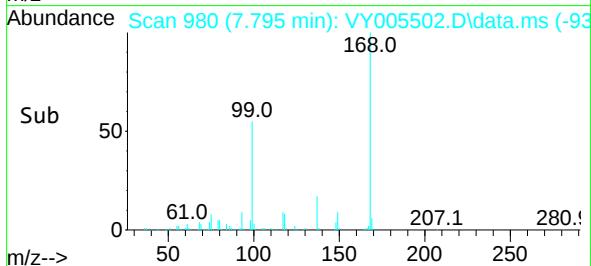


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

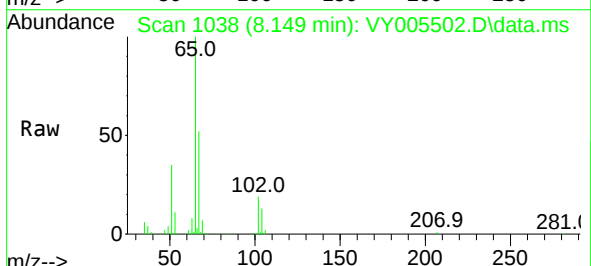
Instrument :
MSVOA_Y
ClientSampleId :



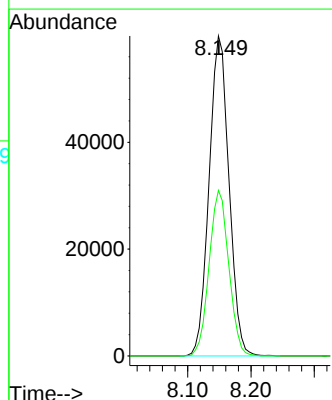
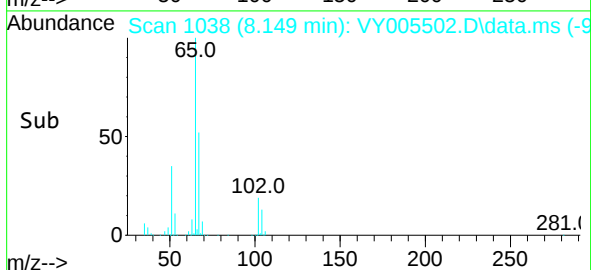
Tgt Ion: 56 Resp: 3926
Ion Ratio Lower Upper
56 100
69 165.7 28.7 43.1#
84 129.4 73.0 109.6#

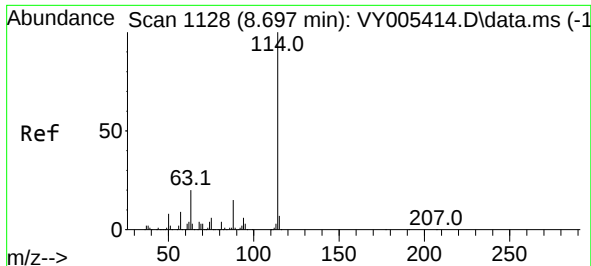


#33
1,2-Dichloroethane-d4
Concen: 63.217 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10



Tgt Ion: 65 Resp: 130921
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

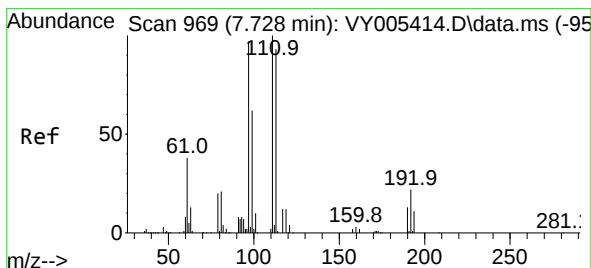
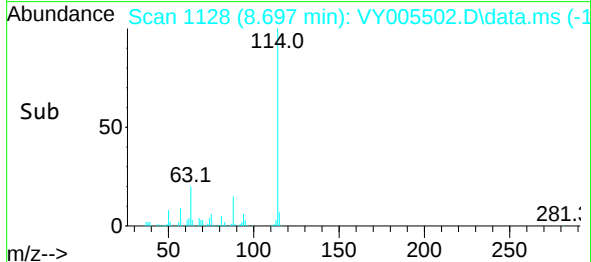
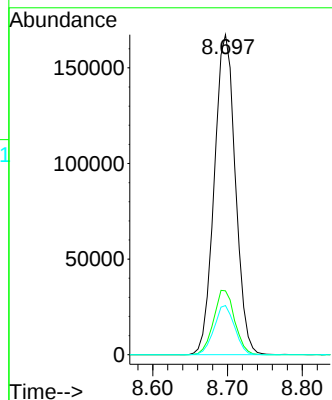
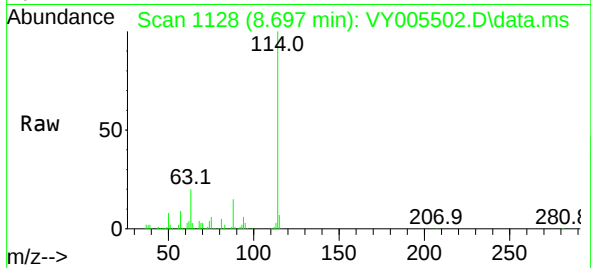




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

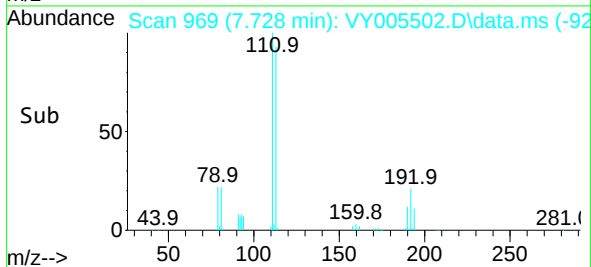
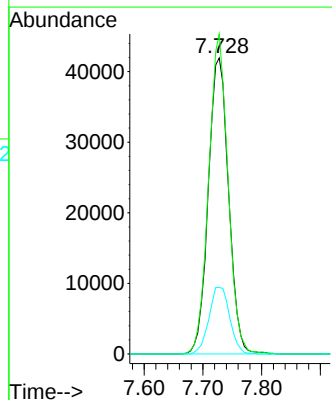
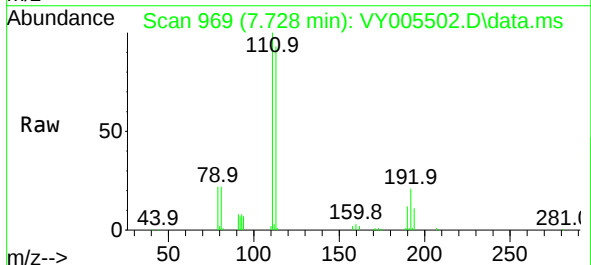
Instrument :
MSVOA_Y
ClientSampleId :

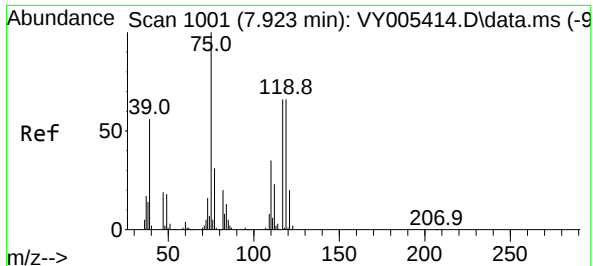
Tgt Ion:114 Resp: 327390
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.0
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.272 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion:113 Resp: 100704
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 23.0 18.9 28.3

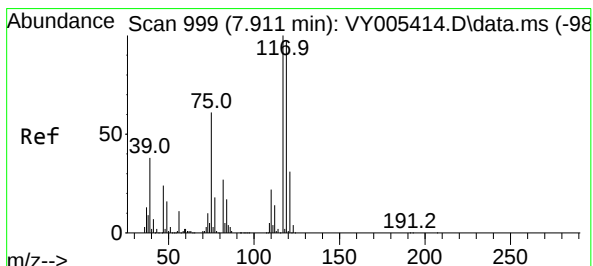
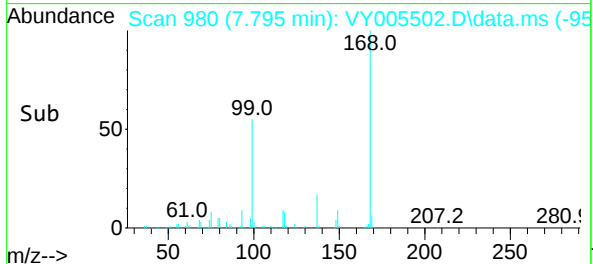
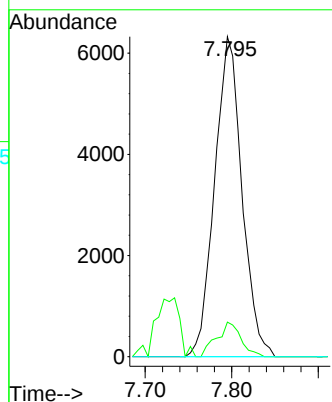
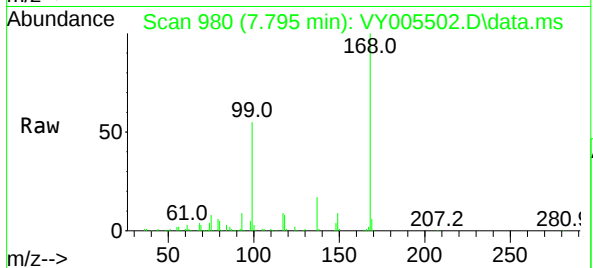




#36
 1,1-Dichloropropene
 Concen: 4.374 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005502.D
 Acq: 28 Jul 2021 20:10

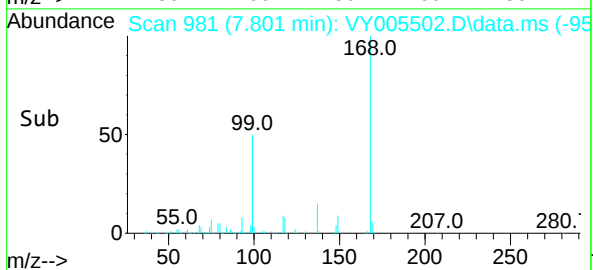
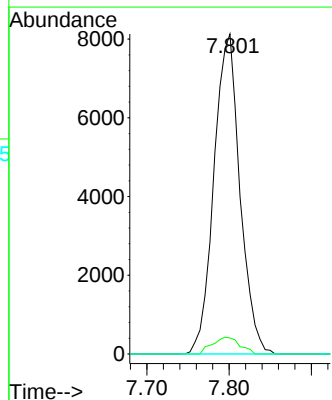
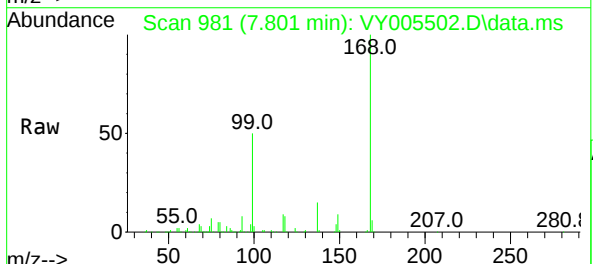
Instrument :
 MSVOA_Y
 ClientSampled :

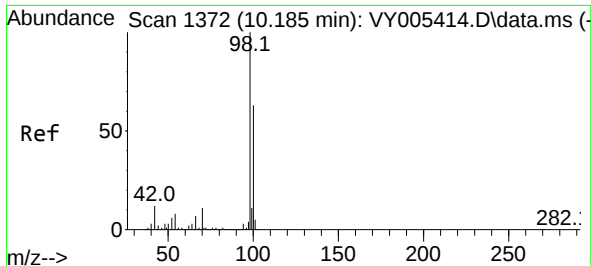
Tgt Ion: 75 Resp: 13847
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.6 52.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.161 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005502.D
 Acq: 28 Jul 2021 20:10

Tgt Ion: 117 Resp: 17852
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.2 115.8#
 121 0.0 25.1 37.7#

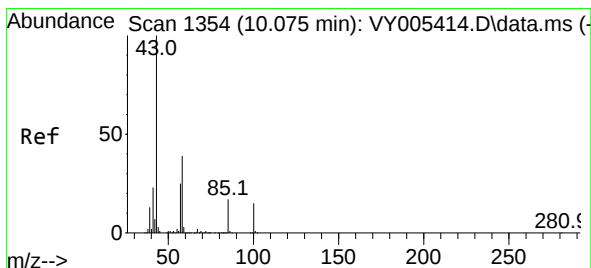
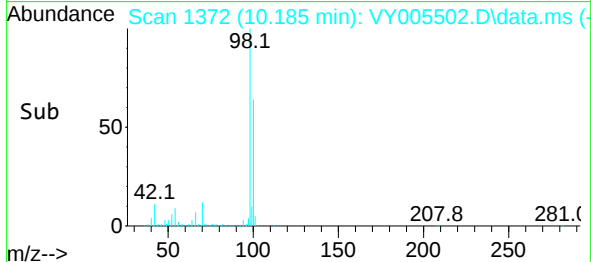
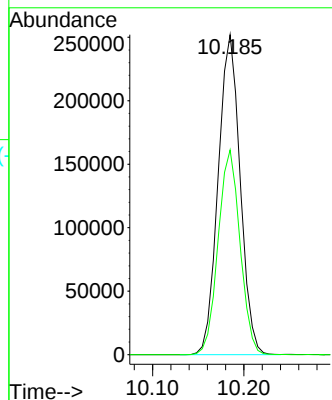
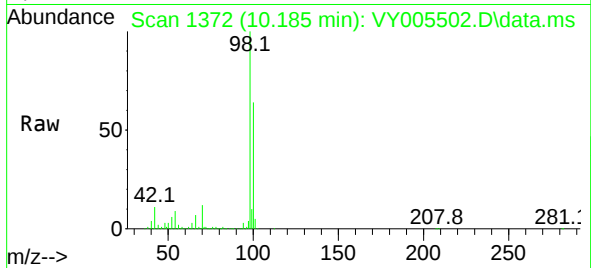




#50
Toluene-d8
Concen: 52.625 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

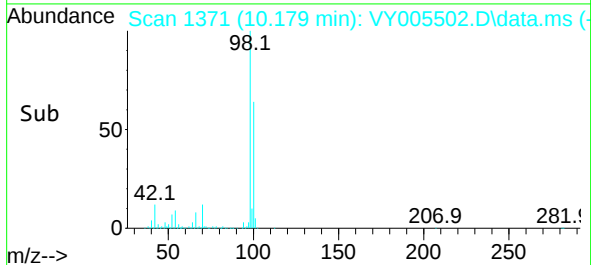
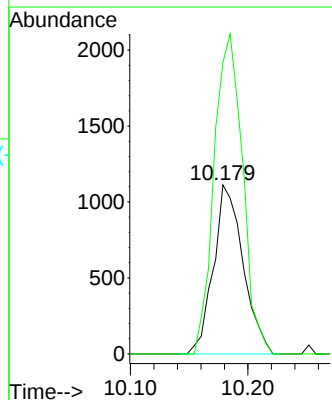
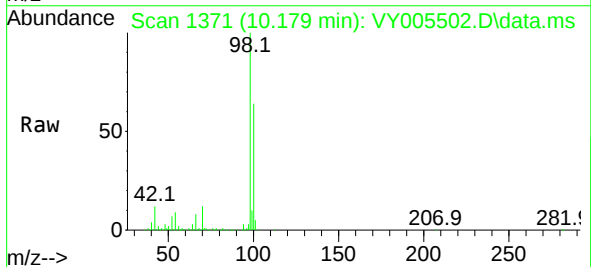
Instrument :
MSVOA_Y
ClientSampled :

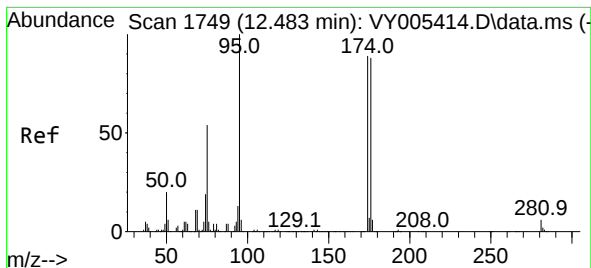
Tgt Ion: 98 Resp: 421640
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.051 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 182.6 31.2 46.8#

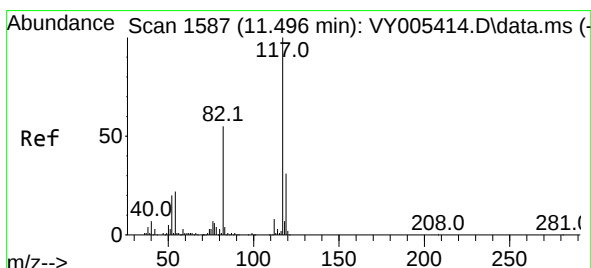
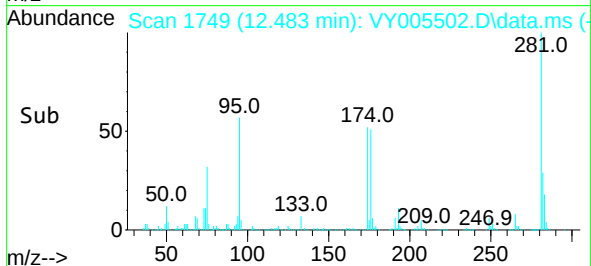
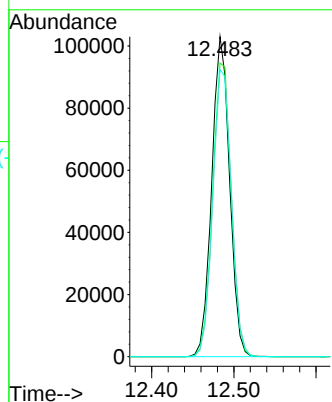
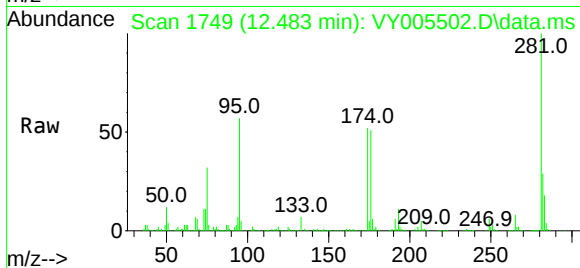




#62
4-Bromofluorobenzene
Concen: 58.814 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

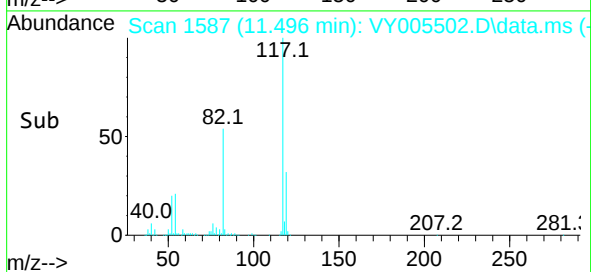
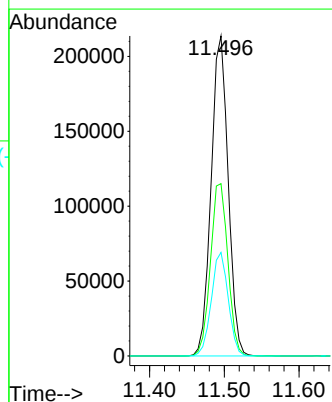
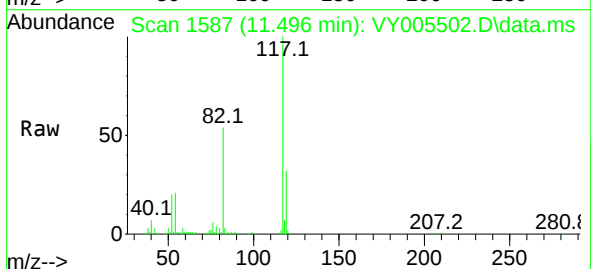
Instrument :
MSVOA_Y
ClientSampleId :

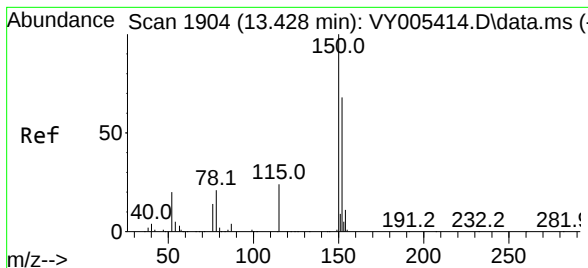
Tgt Ion: 95 Resp: 155526
Ion Ratio Lower Upper
95 100
174 95.6 0.0 186.6
176 93.5 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion: 117 Resp: 337877
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 32.4 24.8 37.2

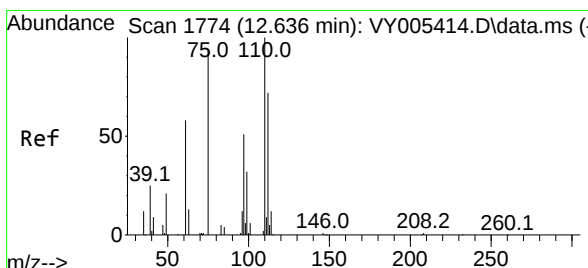
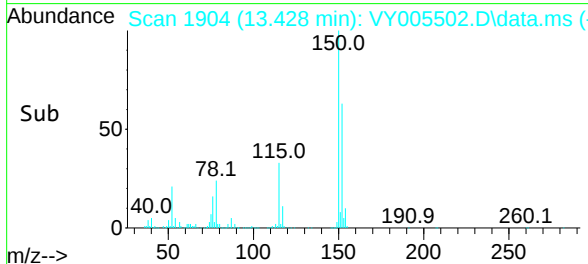
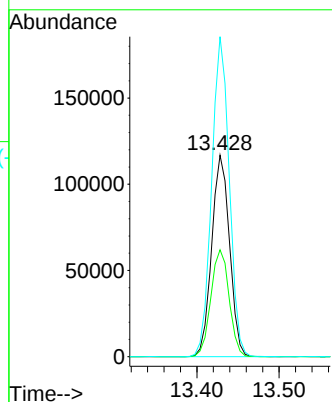
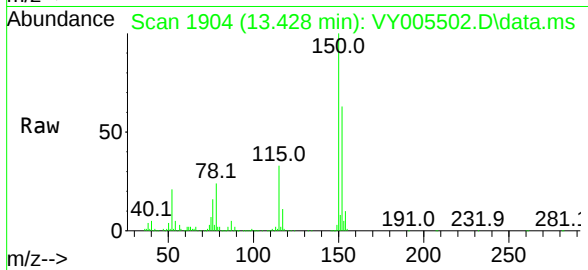




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005502.D
 Acq: 28 Jul 2021 20:10

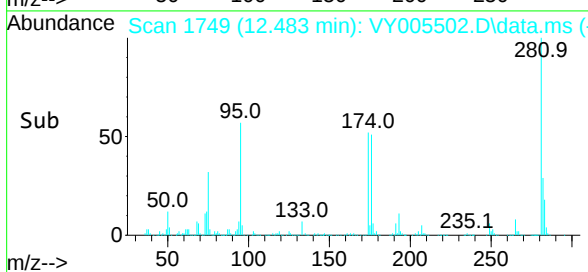
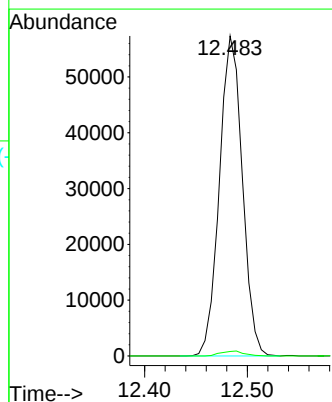
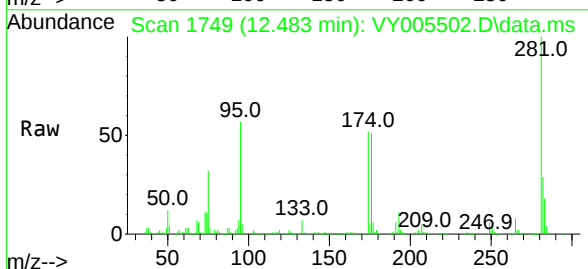
Instrument :
 MSVOA_Y
 ClientSampleId :

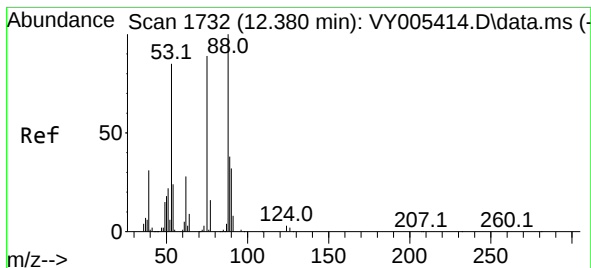
Tgt Ion:152 Resp: 176024
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.7 83.1
 150 156.3 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 51.287 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005502.D
 Acq: 28 Jul 2021 20:10

Tgt Ion: 75 Resp: 88831
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 99.585 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY005502.D

Acq: 28 Jul 2021 20:10

Tgt Ion: 75 Resp: 88831

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 2.0 36.9 55.3#

