

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005915.D
 Acq On : 31 Aug 2021 16:20
 Operator : SY/MD
 Sample : M3615-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 05:37:48 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)

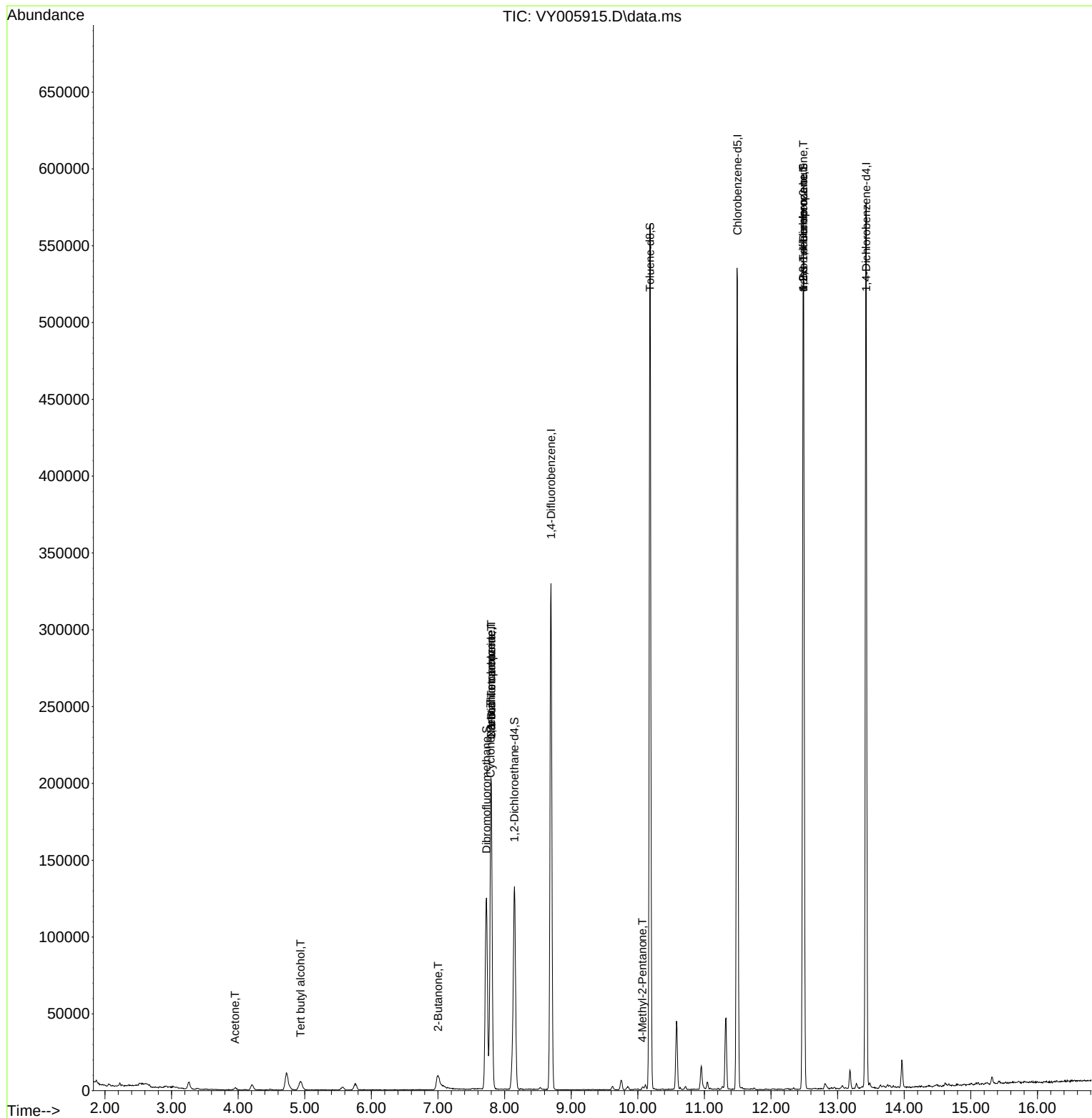
Internal Standards						
1) Pentafluorobenzene	7.795	168	167990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101768	60.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.240%	
35) Dibromofluoromethane	7.728	113	85534	54.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.620%	
50) Toluene-d8	10.185	98	360800	54.591	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.180%	
62) 4-Bromofluorobenzene	12.483	95	128320	57.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	5972	17.940	ug/l #	80
16) Acetone	3.954	43	2431	5.632	ug/l #	83
20) Methylene Chloride	4.729	84	8376	Below Cal		94
25) 2-Butanone	7.003	43	637	1.045	ug/l #	47
31) Cyclohexane	7.789	56	3038	1.064	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	11067	4.192	ug/l #	50
38) Carbon Tetrachloride	7.801	117	15056	5.261	ug/l #	15
51) 4-Methyl-2-Pentanone	10.069	43	1564	1.011	ug/l #	75
76) 1,2,3-Trichloropropane	12.483	75	70314	49.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70314	94.938	ug/l #	14

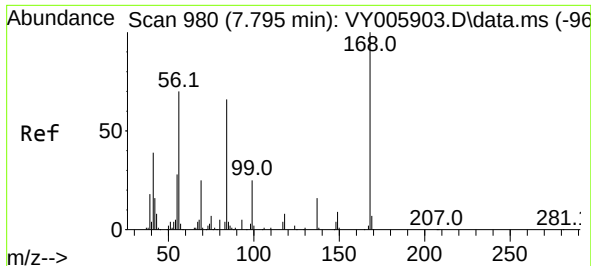
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
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Quant Time: Sep 01 05:37:48 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

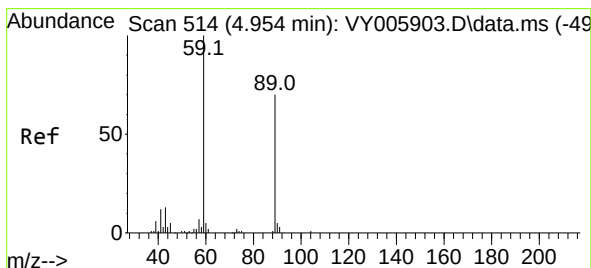
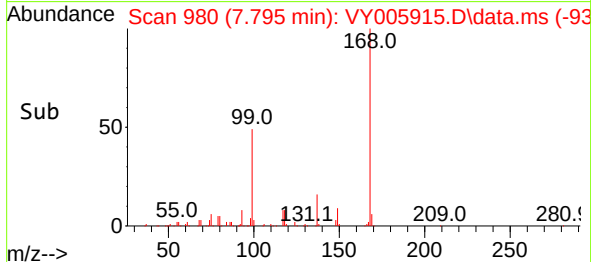
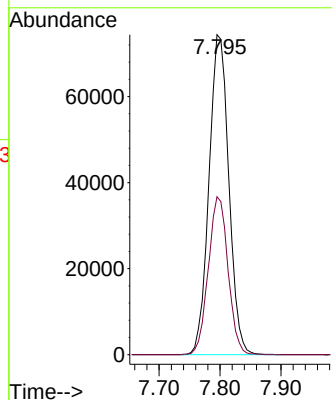
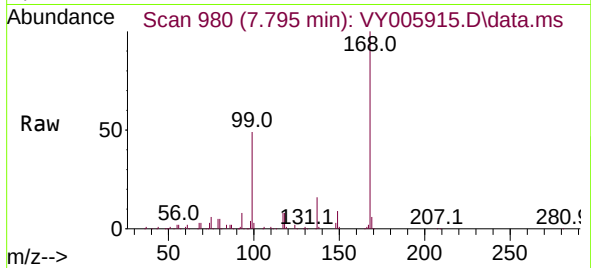




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

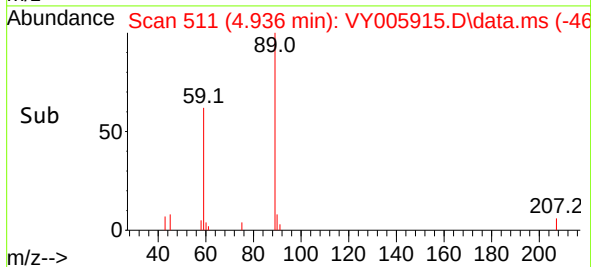
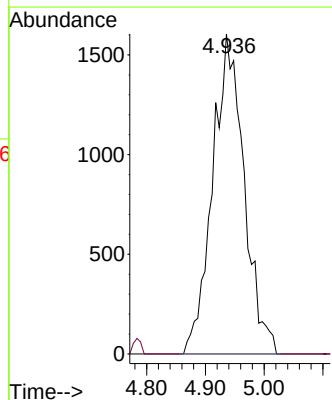
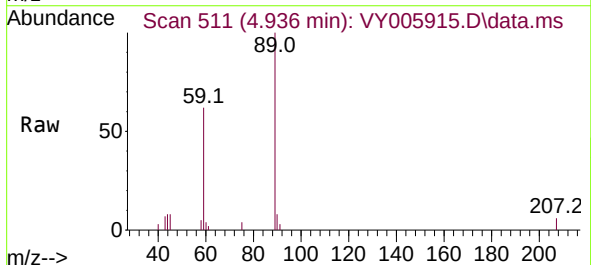
Instrument :
MSVOA_Y
ClientSampleId :

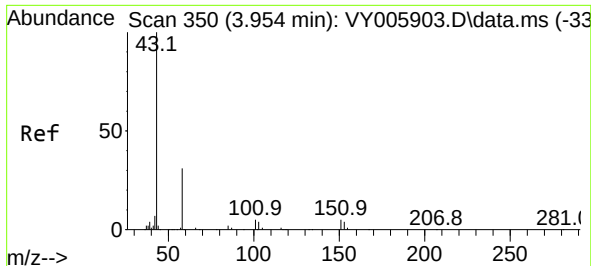
Tgt Ion:168 Resp: 167990
Ion Ratio Lower Upper
168 100
99 49.4 40.6 60.8



#11
Tert butyl alcohol
Concen: 17.940 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

Tgt Ion: 59 Resp: 5972
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

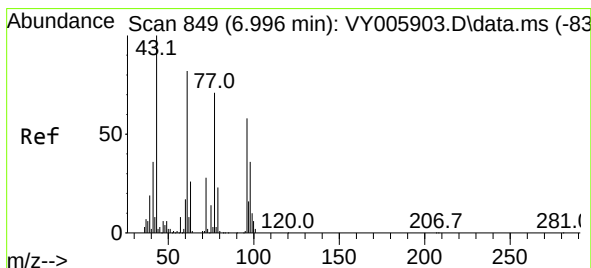
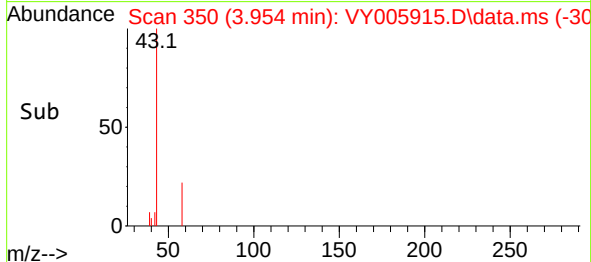
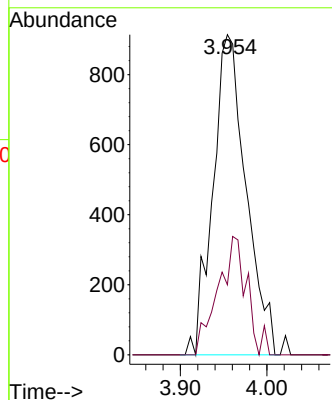
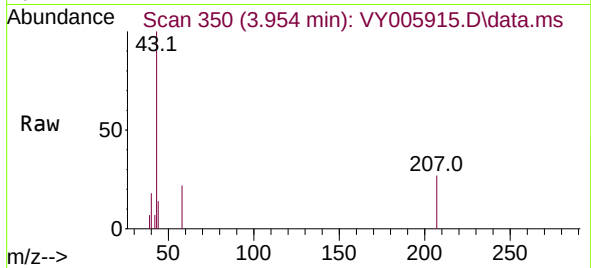




#16
Acetone
Concen: 5.632 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

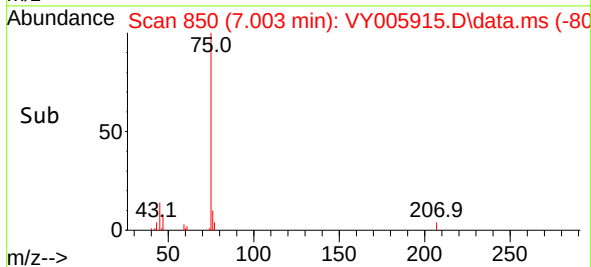
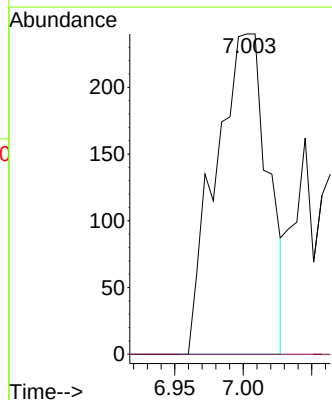
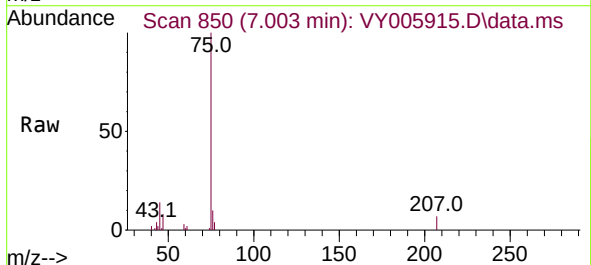
Instrument :
MSVOA_Y
ClientSampleId :

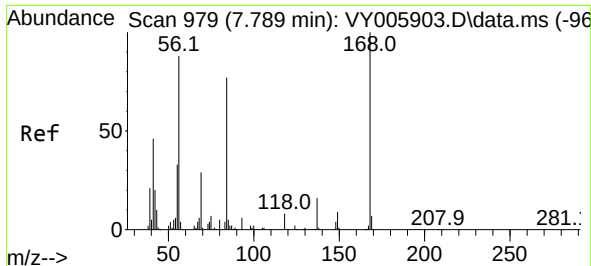
Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
58 21.9 25.1 37.7#



#25
2-Butanone
Concen: 1.045 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#

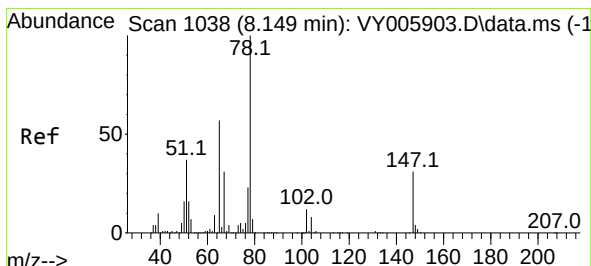
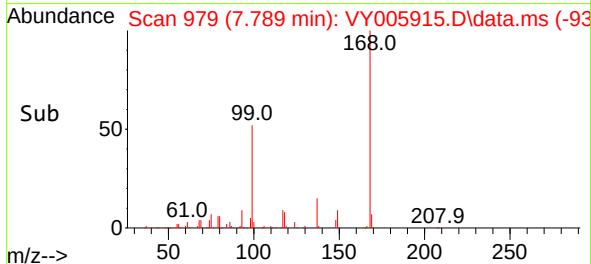
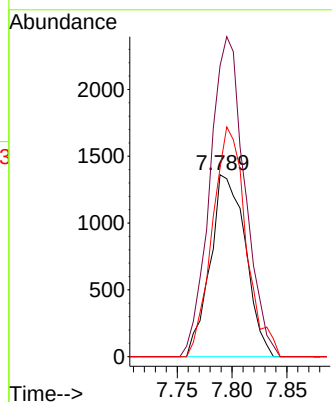
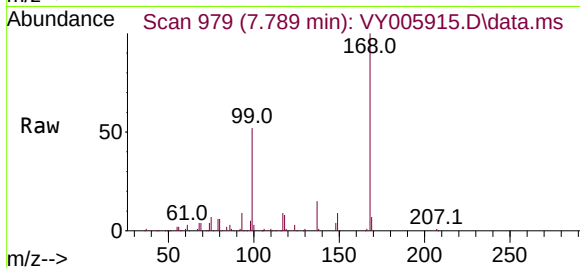




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

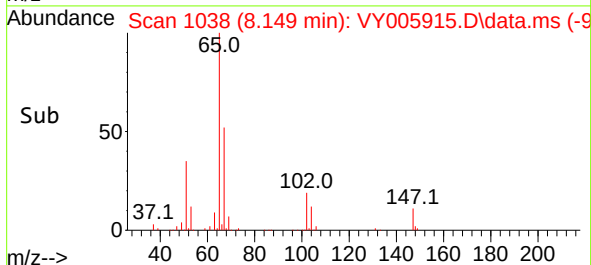
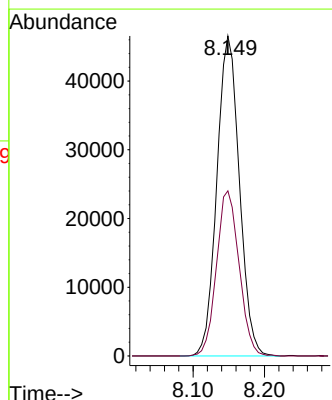
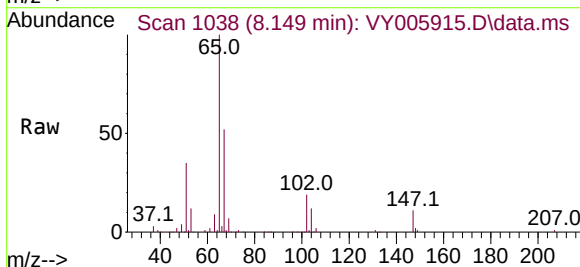
Instrument :
MSVOA_Y
ClientSampled :

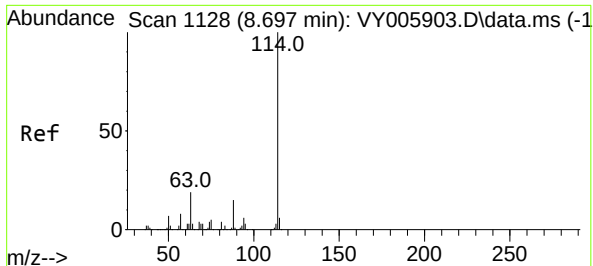
Tgt Ion: 56 Resp: 3038
Ion Ratio Lower Upper
56 100
69 160.0 26.3 39.5#
84 103.7 69.8 104.8



#33
1,2-Dichloroethane-d4
Concen: 60.115 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

Tgt Ion: 65 Resp: 101768
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

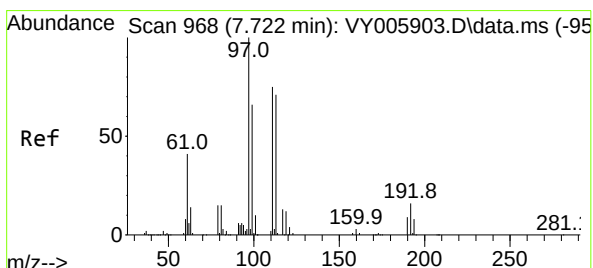
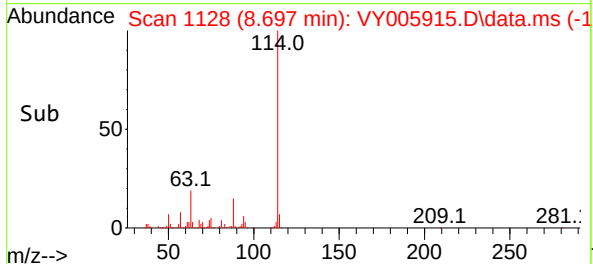
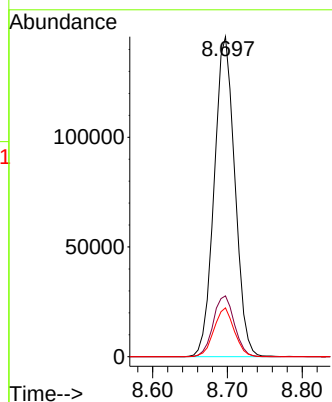
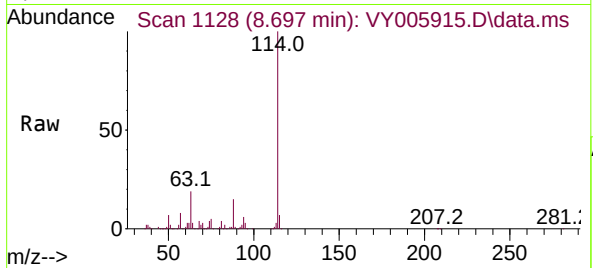




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

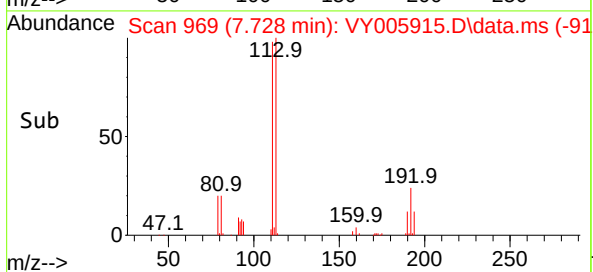
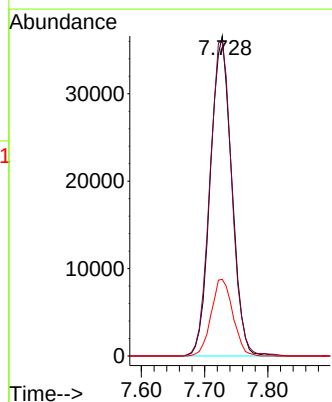
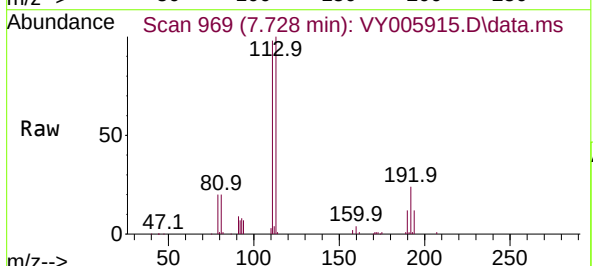
Instrument :
MSVOA_Y
ClientSampleId :

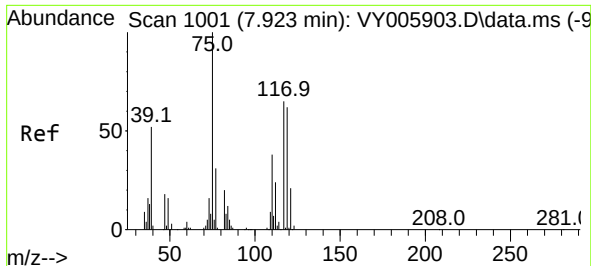
Tgt Ion:114 Resp: 280413
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 15.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.315 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

Tgt Ion:113 Resp: 85534
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 24.4 19.4 29.0





#36

1,1-Dichloropropene

Concen: 4.192 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY005915.D

Acq: 31 Aug 2021 16:20

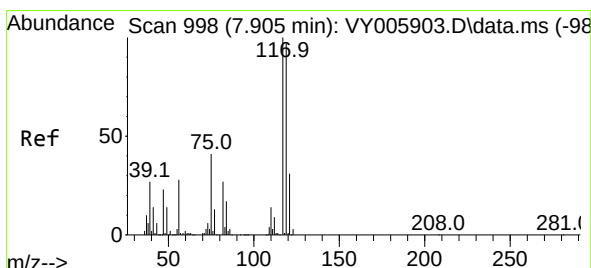
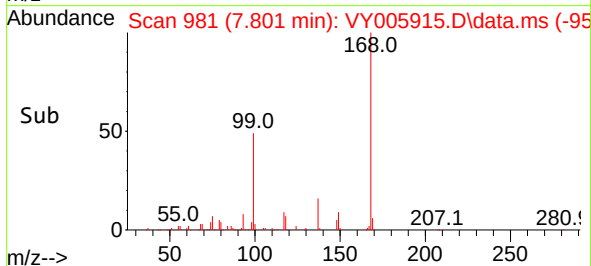
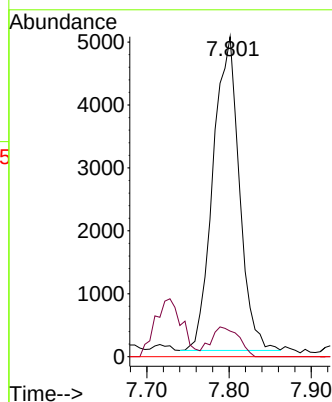
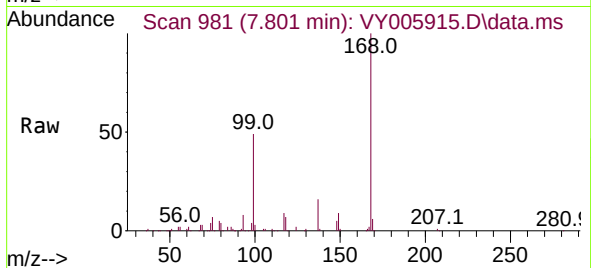
Tgt Ion: 75 Resp: 11067

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.261 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY005915.D

Acq: 31 Aug 2021 16:20

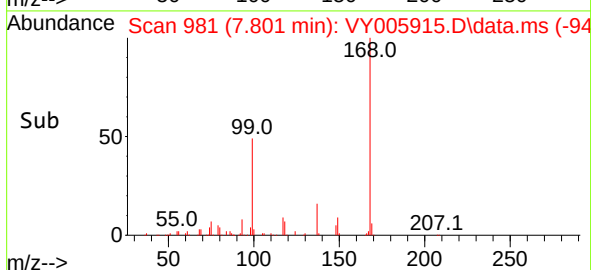
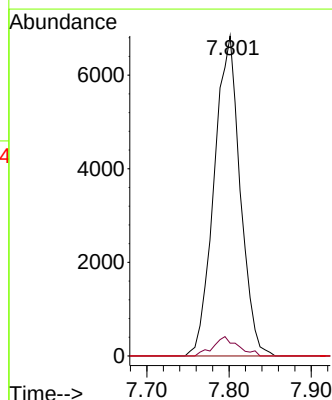
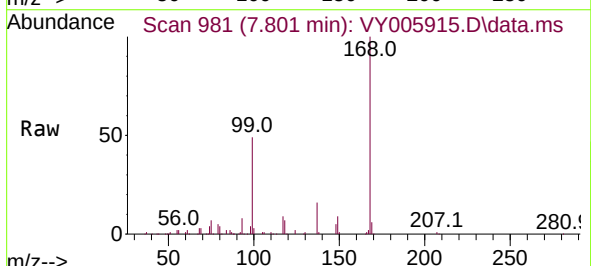
Tgt Ion: 117 Resp: 15056

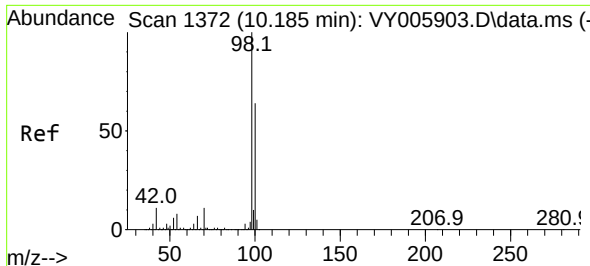
Ion Ratio Lower Upper

117 100

119 4.0 77.5 116.3#

121 0.0 25.0 37.6#

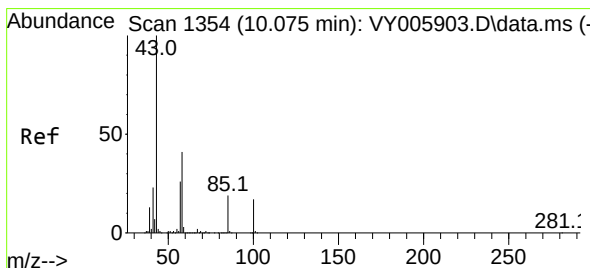
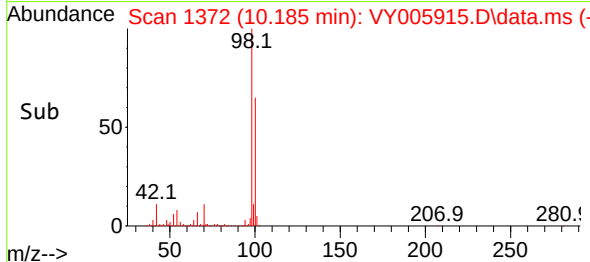
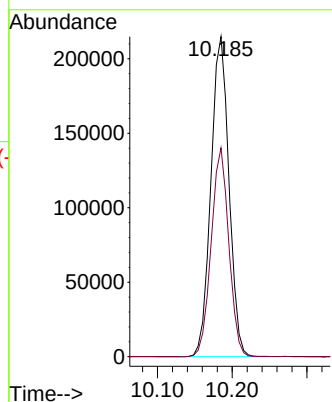
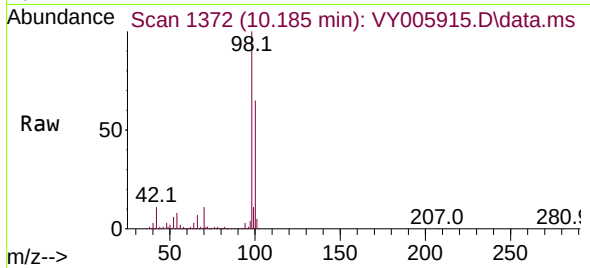




#50
Toluene-d8
Concen: 54.591 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

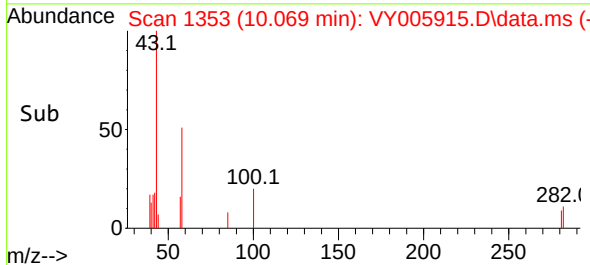
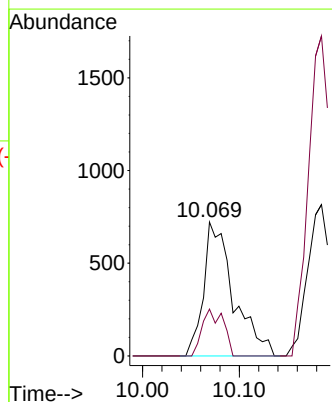
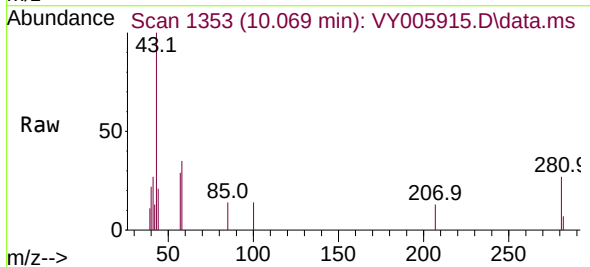
Instrument :
MSVOA_Y
ClientSampleId :

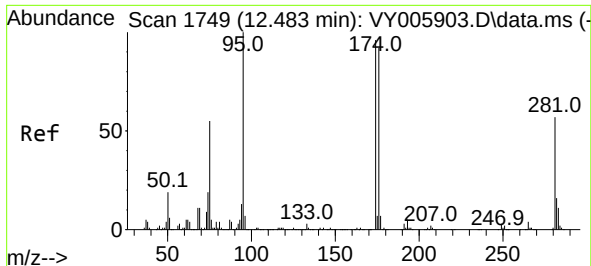
Tgt Ion: 98 Resp: 360800
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
58 24.6 31.8 47.8#

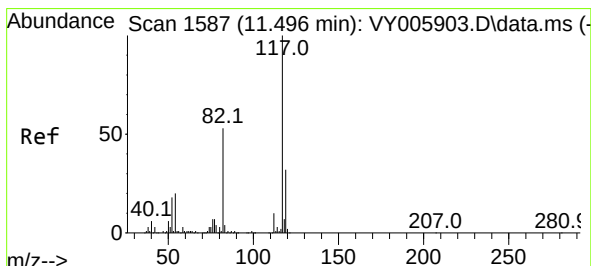
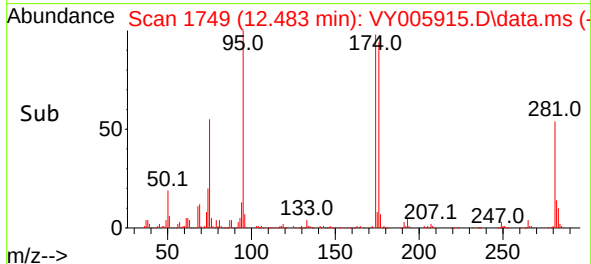
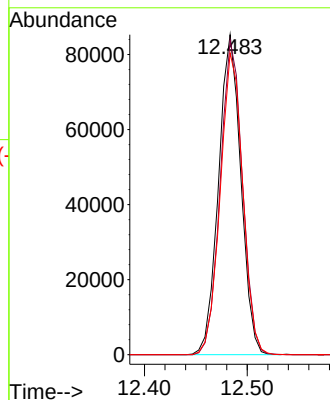
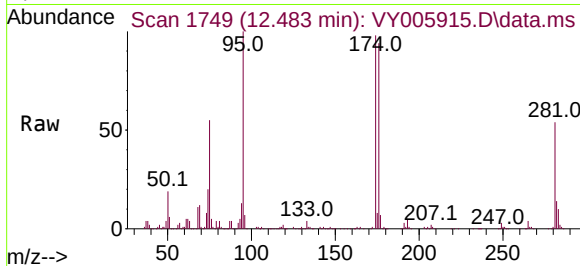




#62
4-Bromofluorobenzene
Concen: 57.822 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

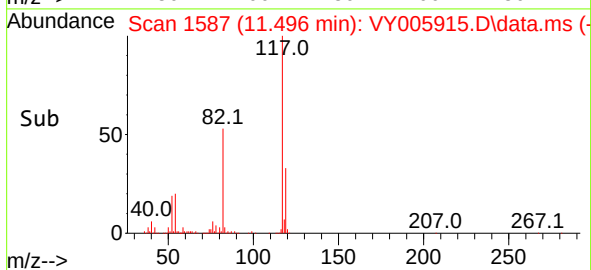
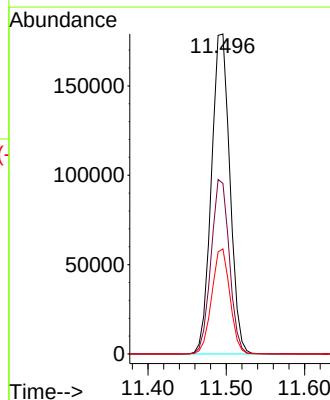
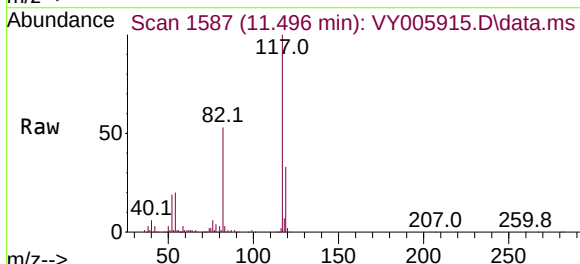
Instrument :
MSVOA_Y
ClientSampleId :

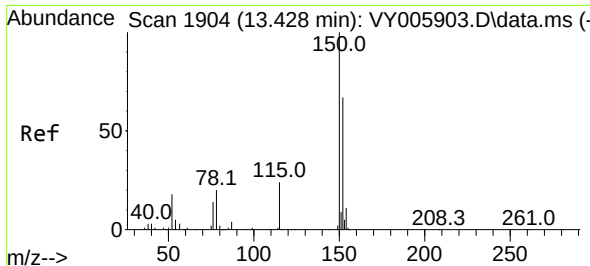
Tgt Ion: 95 Resp: 128320
Ion Ratio Lower Upper
95 100
174 97.9 0.0 192.4
176 94.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005915.D
Acq: 31 Aug 2021 16:20

Tgt Ion: 117 Resp: 293666
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.9 25.4 38.0

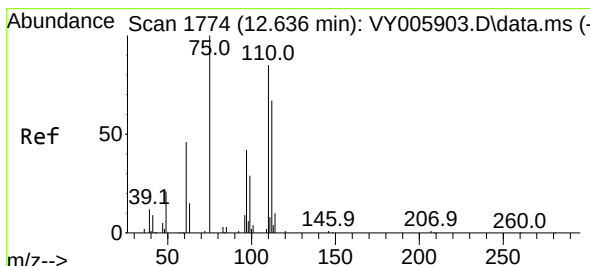
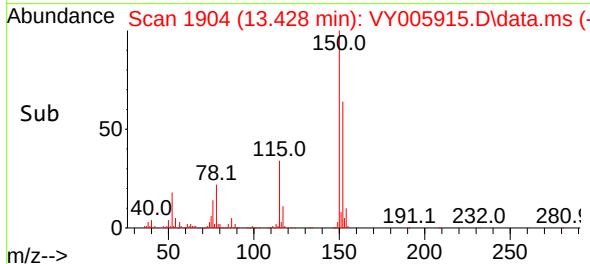
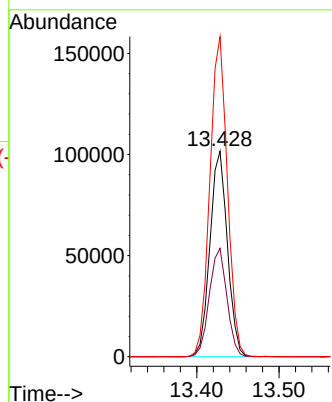
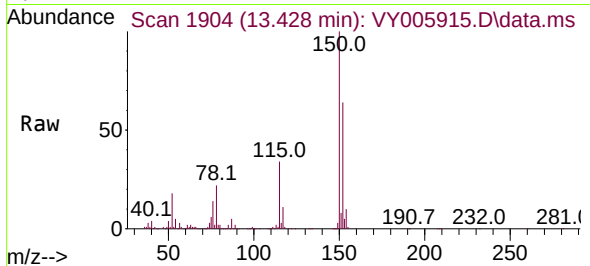




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005915.D
 Acq: 31 Aug 2021 16:20

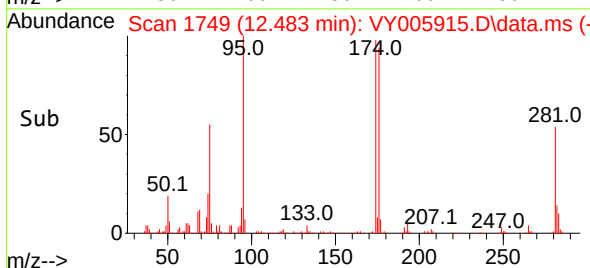
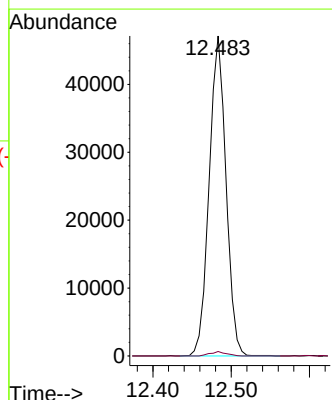
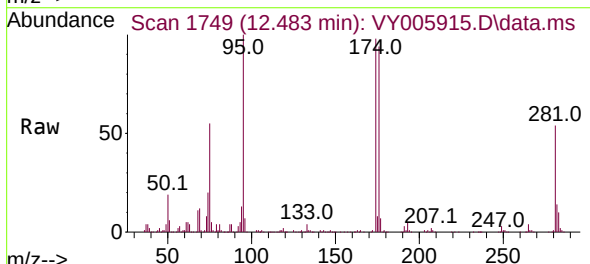
Instrument :
 MSVOA_Y
 ClientSampleId :

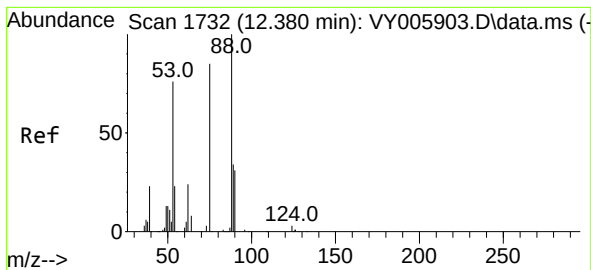
Tgt Ion:152 Resp: 150488
 Ion Ratio Lower Upper
 152 100
 115 53.0 26.8 80.4
 150 155.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 49.921 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005915.D
 Acq: 31 Aug 2021 16:20

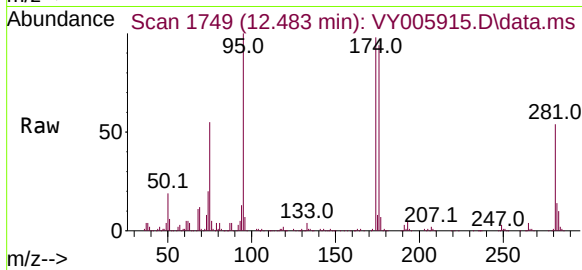
Tgt Ion: 75 Resp: 70314
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.938 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005915.D
 Acq: 31 Aug 2021 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 70314
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.8 107.8#
 89 0.4 35.8 53.6#

