

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004158.D
 Acq On : 22 Mar 2021 12:58
 Operator : SY/MD
 Sample : M1751-01
 Misc : 5.40g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 23 01:09:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

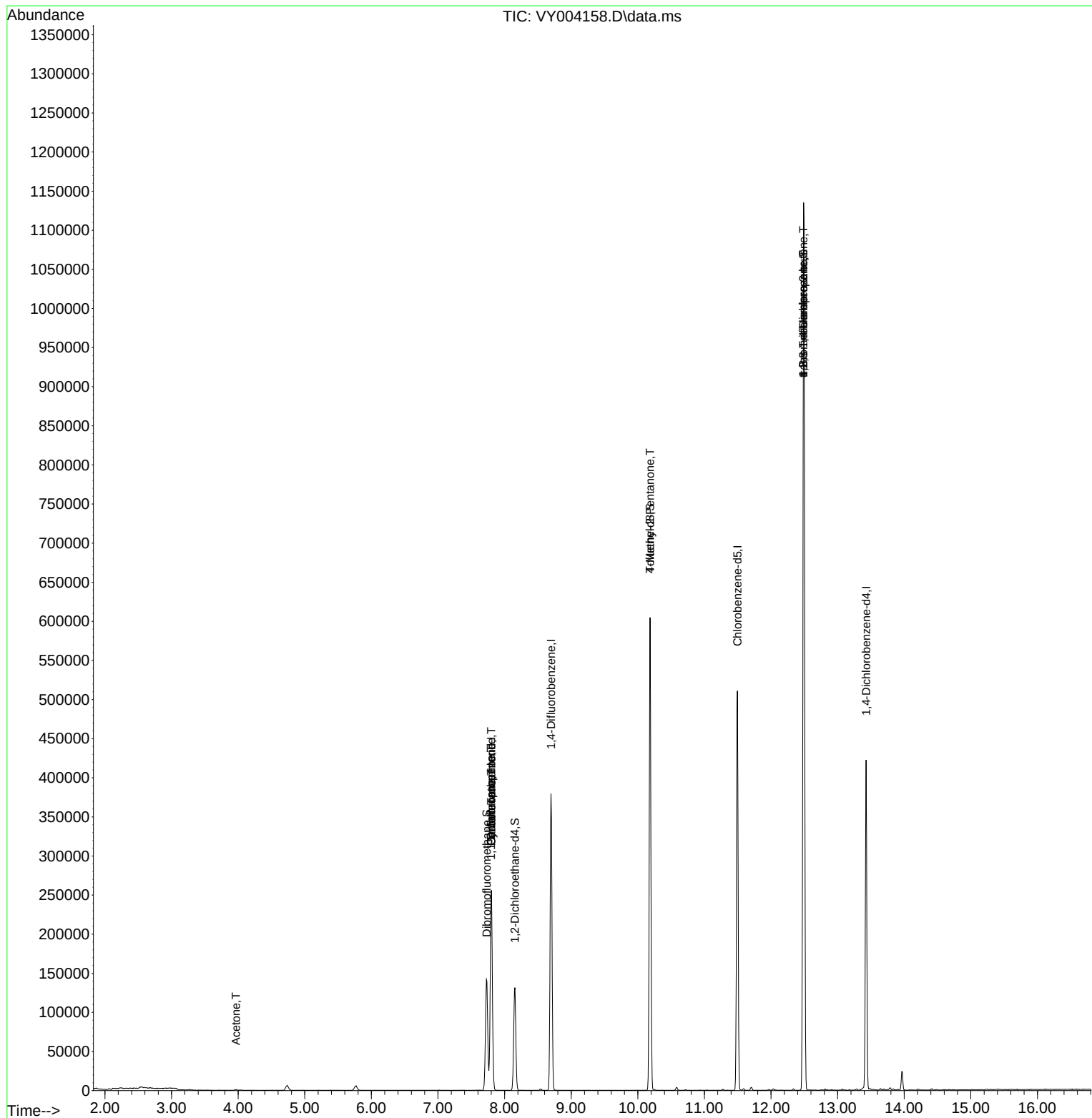
Internal Standards						
1) Pentafluorobenzene	7.801	168	200252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	278513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	104509	52.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.76%
35) Dibromofluoromethane	7.734	113	98577	53.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.08%
50) Toluene-d8	10.185	98	380235	52.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.36%
62) 4-Bromofluorobenzene	12.483	95	114740	43.04	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.08%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	655	Below Cal		96
16) Acetone	3.966	43	1809	3.79 ug/l		99
20) Methylene Chloride	4.729	84	4991	Below Cal	#	78
31) Cyclohexane	7.801	56	4186	1.21 ug/l	#	13
36) 1,1-Dichloropropene	7.795	75	15018	5.24 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	19598	6.44 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.185	43	1747	1.11 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	68202	68.35 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68202	134.89 ug/l	#	15

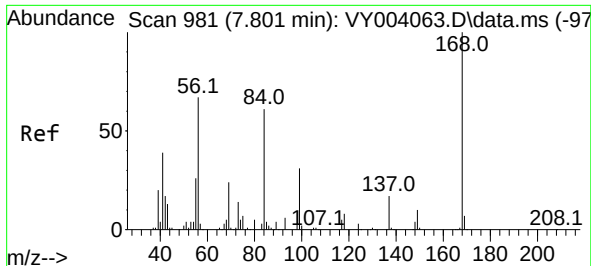
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

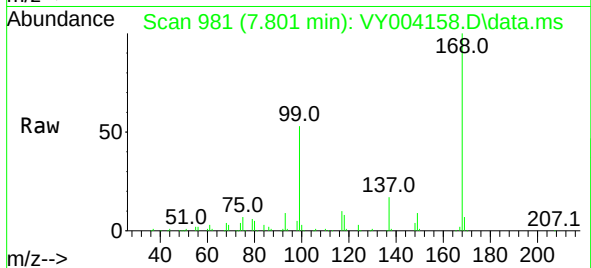
Quant Time: Mar 23 01:09:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration



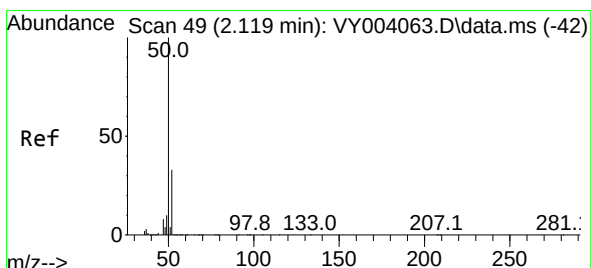
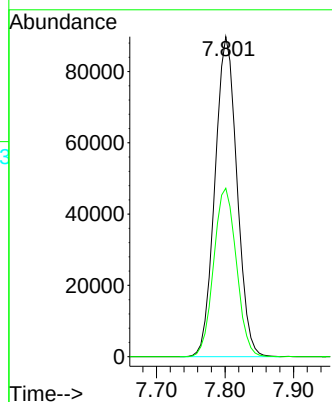
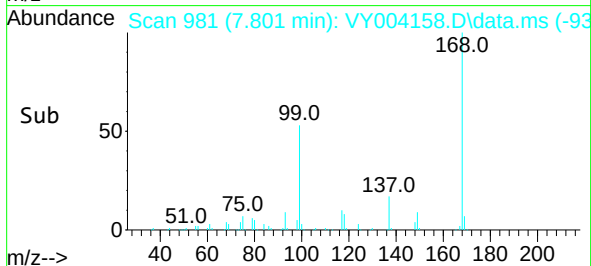


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

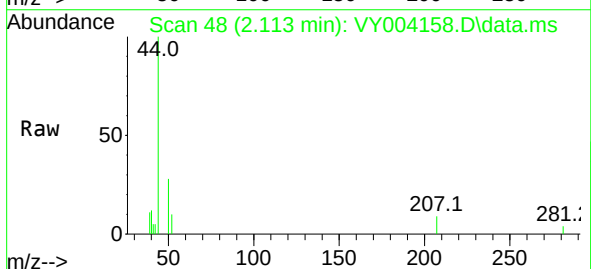
Instrument :
MSVOA_Y
ClientSampleId :



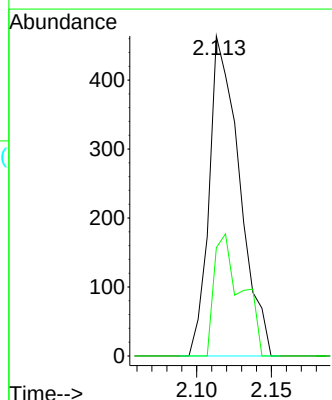
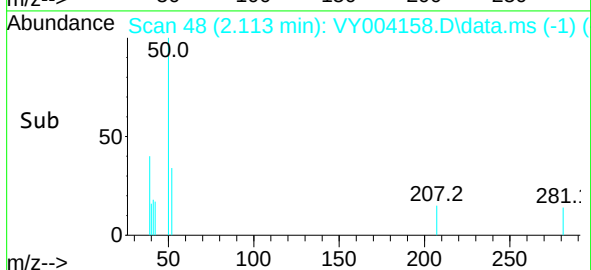
Tgt Ion:168 Resp: 200252
Ion Ratio Lower Upper
168 100
99 52.6 41.2 61.8

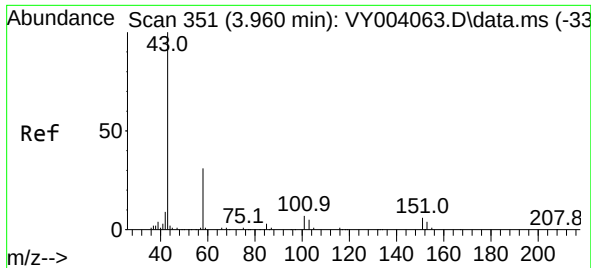


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58



Tgt Ion: 50 Resp: 655
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

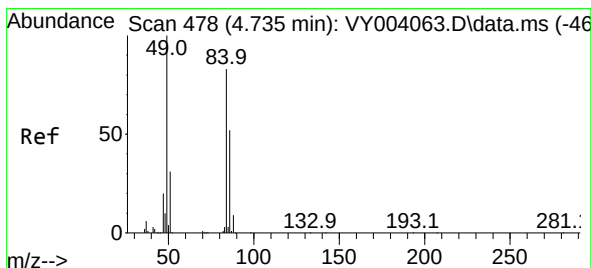
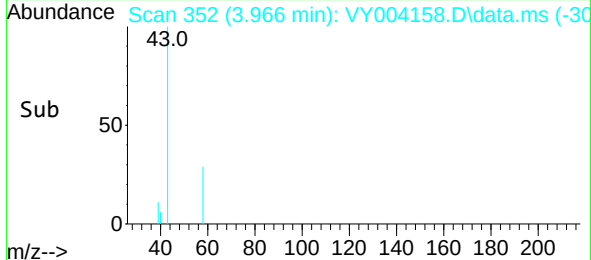
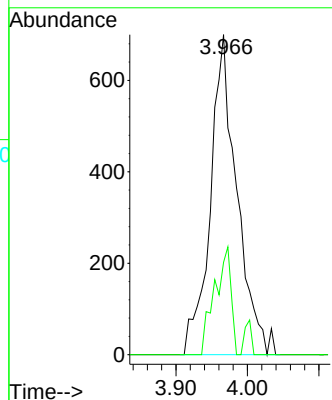
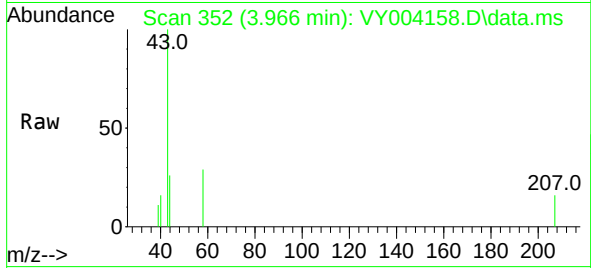




#16
Acetone
Concen: 3.79 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

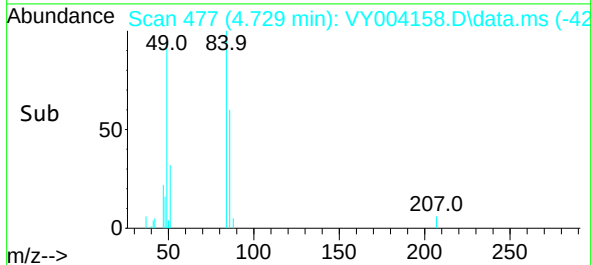
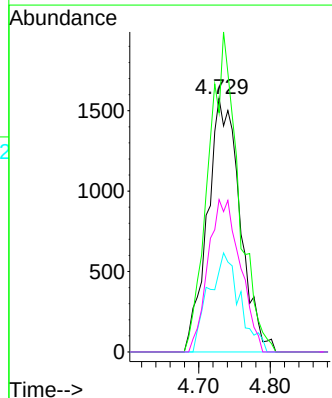
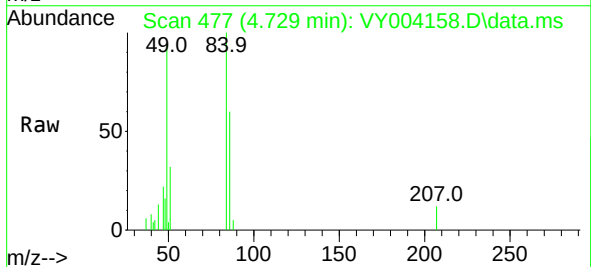
Instrument :
MSVOA_Y
ClientSampled :

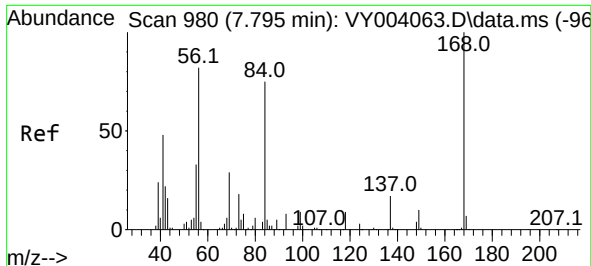
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 28.9 22.6 34.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

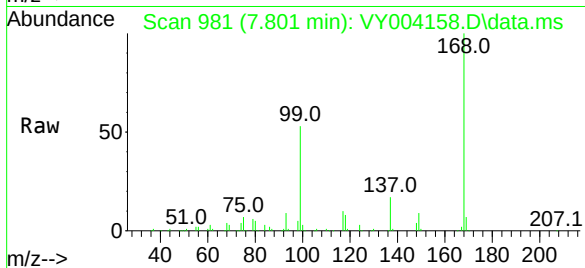
Tgt Ion: 84 Resp: 4991
Ion Ratio Lower Upper
84 100
49 94.3 105.8 158.6#
51 31.8 32.6 48.8#
86 60.1 52.1 78.1



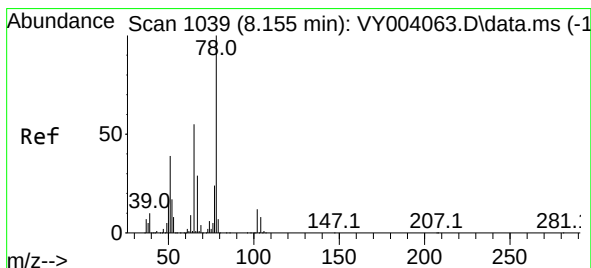
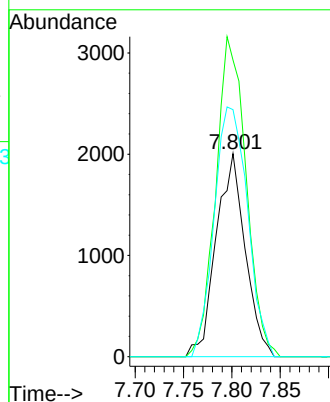
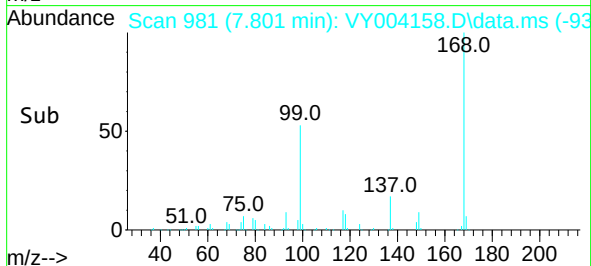


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

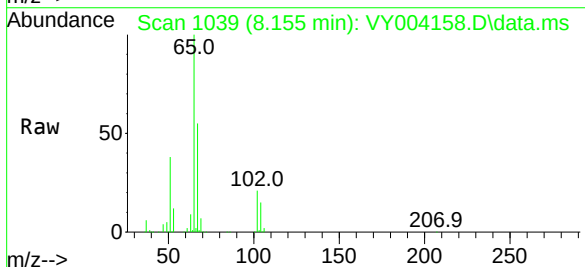
Instrument :
MSVOA_Y
ClientSampleId :



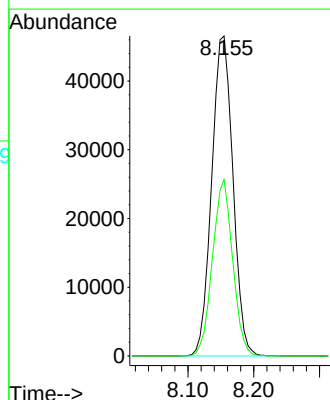
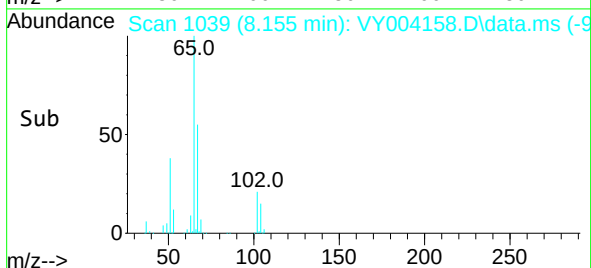
Tgt Ion: 56 Resp: 4186
Ion Ratio Lower Upper
56 100
69 146.2 25.3 37.9#
84 121.7 67.3 100.9#

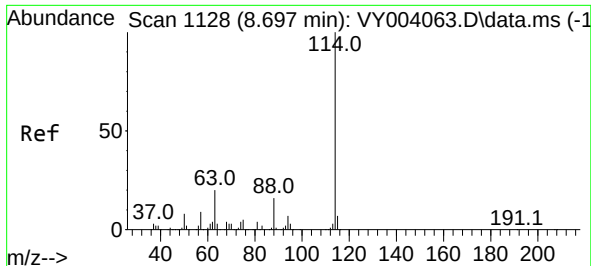


#33
1,2-Dichloroethane-d4
Concen: 52.88 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58



Tgt Ion: 65 Resp: 104509
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4

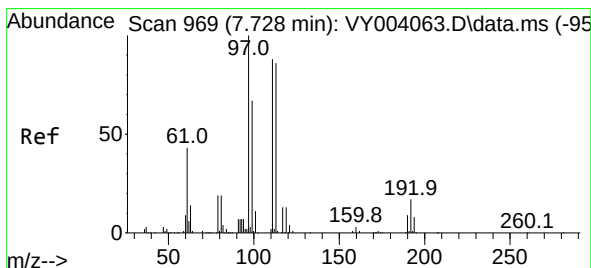
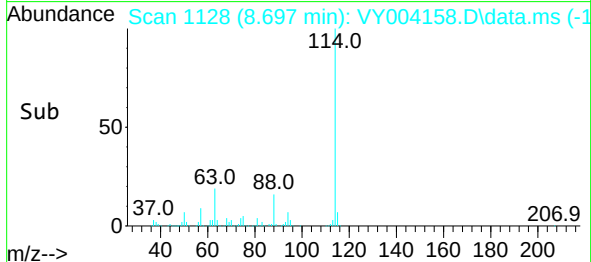
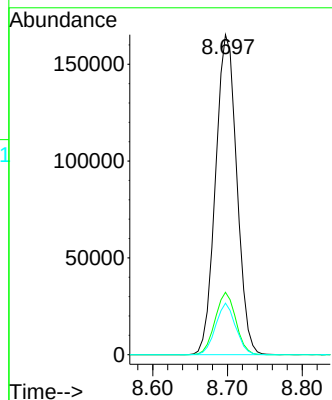
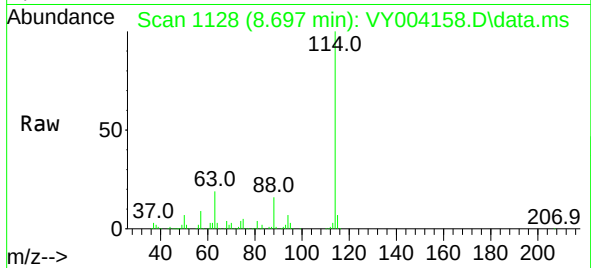




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

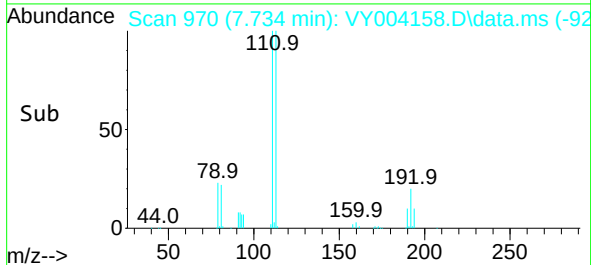
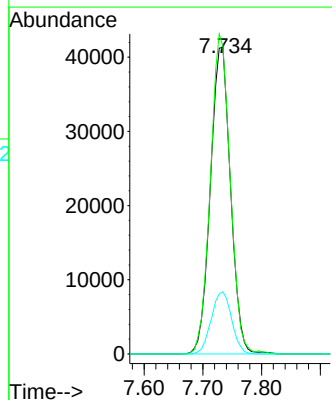
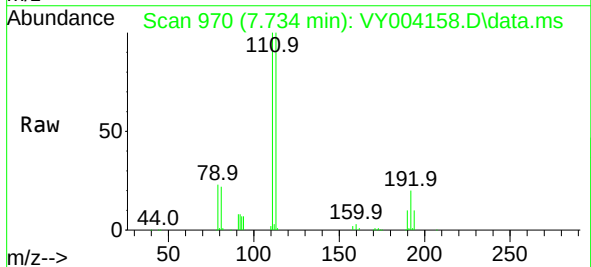
Instrument :
MSVOA_Y
ClientSampleId :

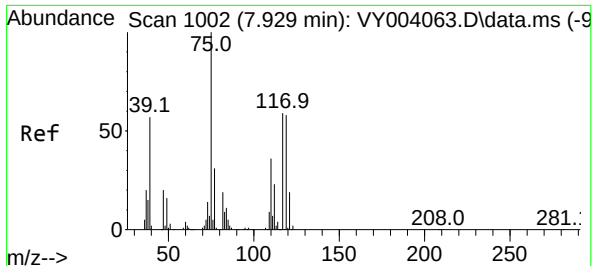
Tgt Ion:114 Resp: 326502
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.54 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

Tgt Ion:113 Resp: 98577
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 20.4 18.5 27.7





#36

1,1-Dichloropropene

Concen: 5.24 ug/l

RT: 7.795 min Scan# 980

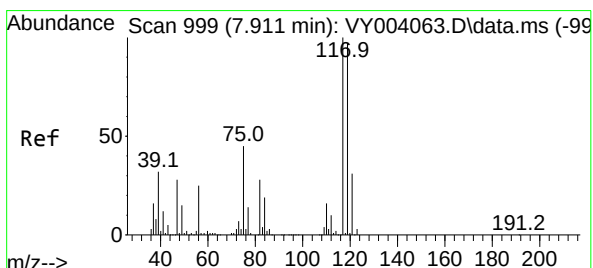
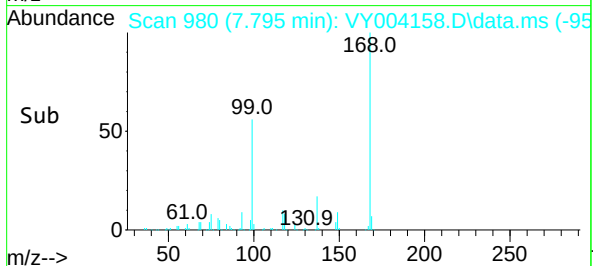
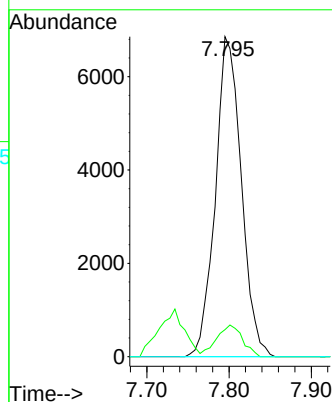
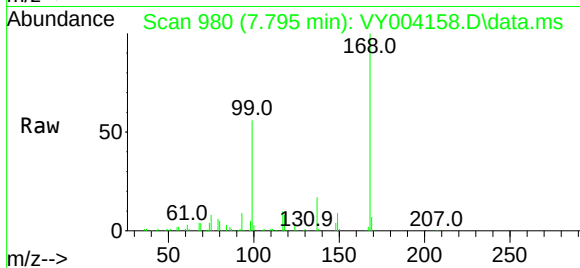
Delta R.T. -0.134 min

Lab File: VY004158.D

Acq: 22 Mar 2021 12:58

Tgt Ion: 75	Resp: 15018
Ion Ratio	Lower Upper
75 100	
110 9.9	17.4 52.3#
77 0.0	24.5 36.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.44 ug/l

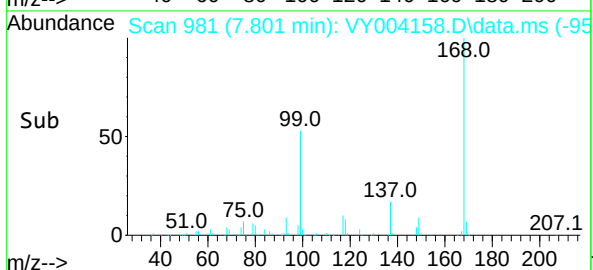
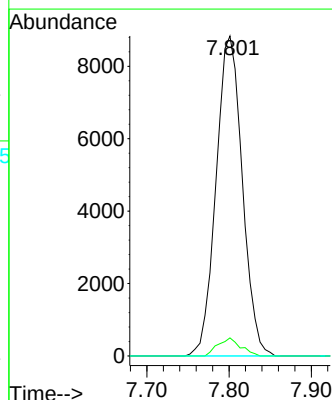
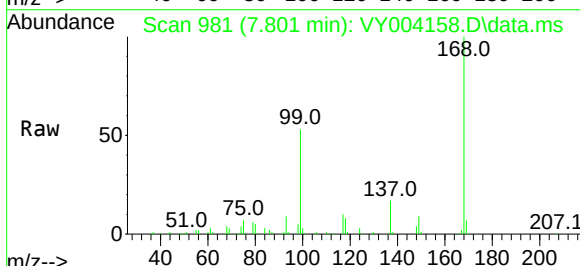
RT: 7.801 min Scan# 981

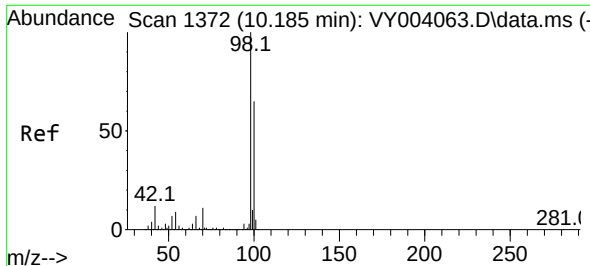
Delta R.T. -0.110 min

Lab File: VY004158.D

Acq: 22 Mar 2021 12:58

Tgt Ion: 117	Resp: 19598
Ion Ratio	Lower Upper
117 100	
119 5.6	75.4 113.0#
121 0.0	24.2 36.2#

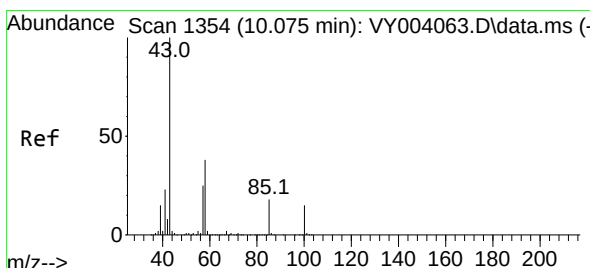
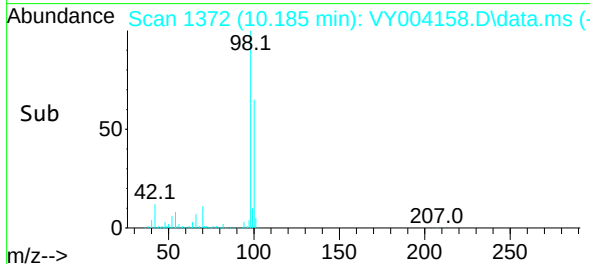
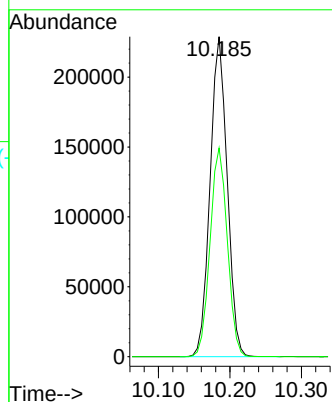
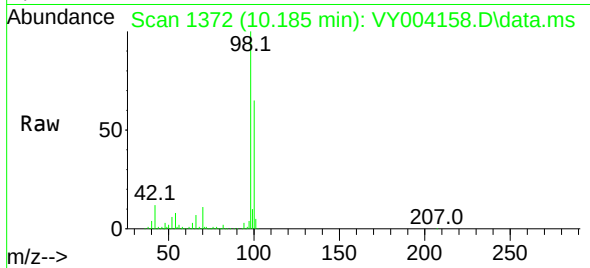




#50
Toluene-d8
Concen: 52.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

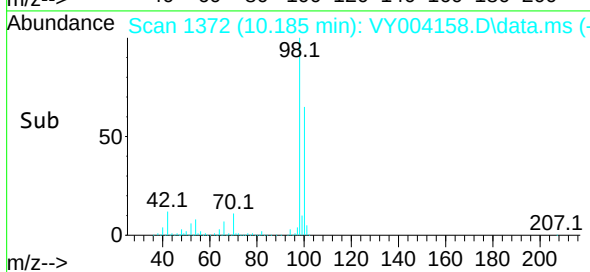
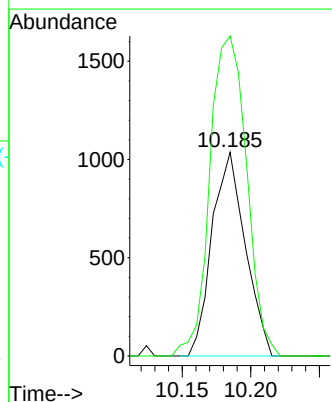
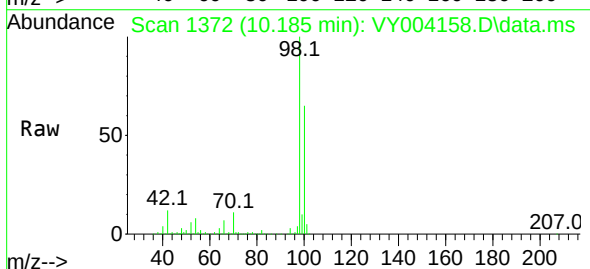
Instrument :
MSVOA_Y
ClientSampleId :

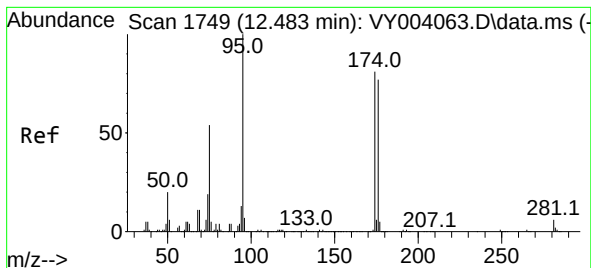
Tgt Ion: 98 Resp: 380235
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
58 173.7 29.8 44.8#

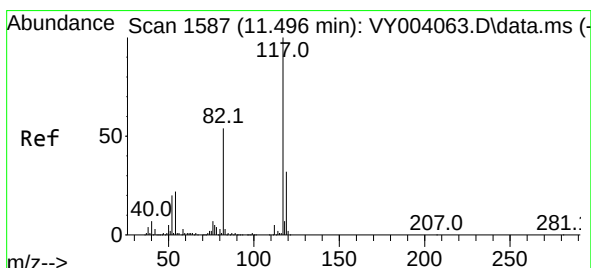
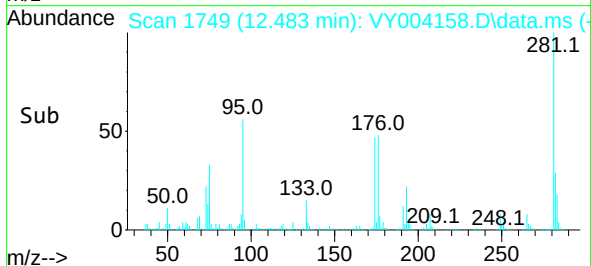
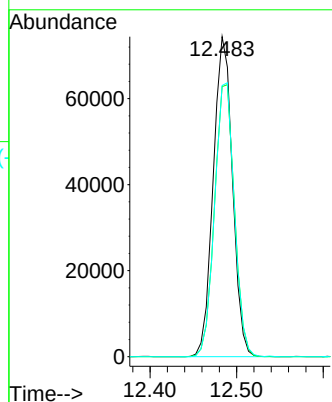
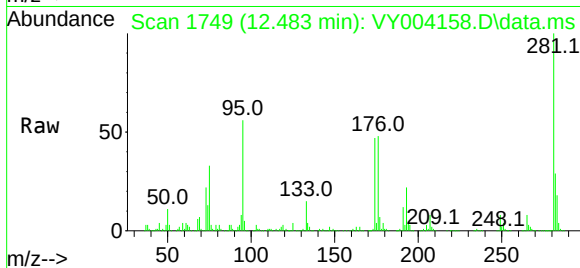




#62
4-Bromofluorobenzene
Concen: 43.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

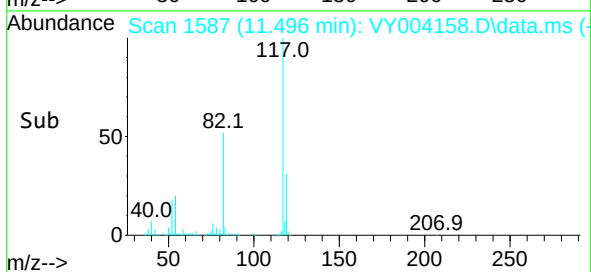
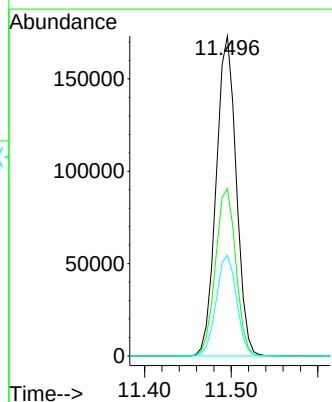
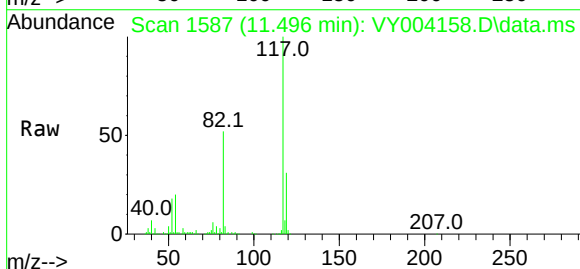
Instrument :
MSVOA_Y
ClientSampleId :

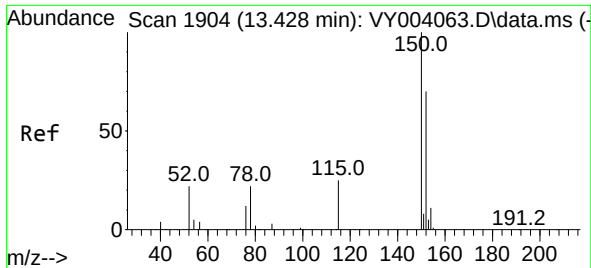
Tgt Ion: 95 Resp: 114740
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 87.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

Tgt Ion: 117 Resp: 278513
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.6
119 31.4 26.2 39.2

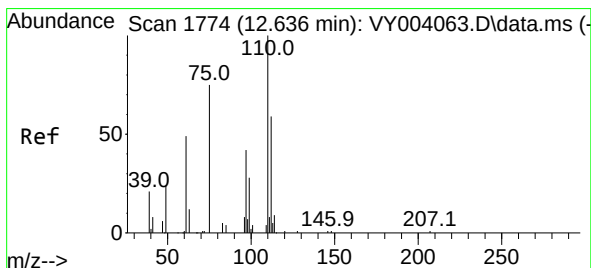
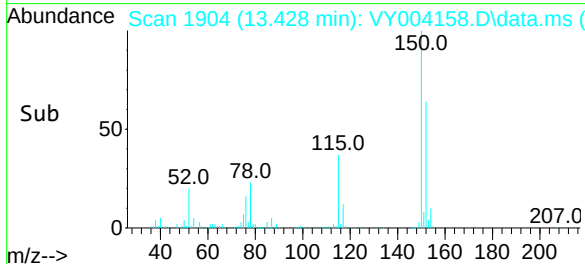
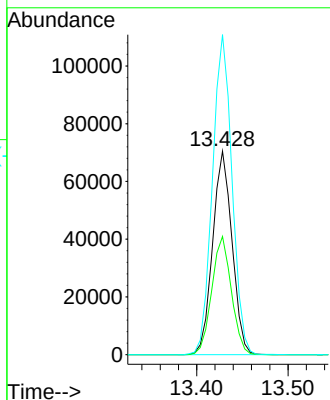
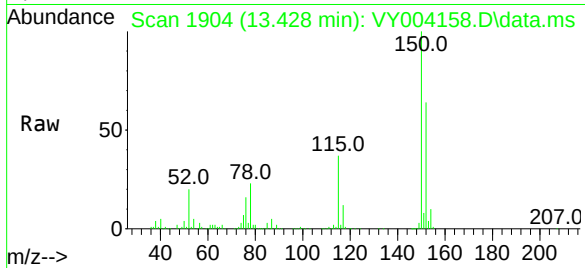




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

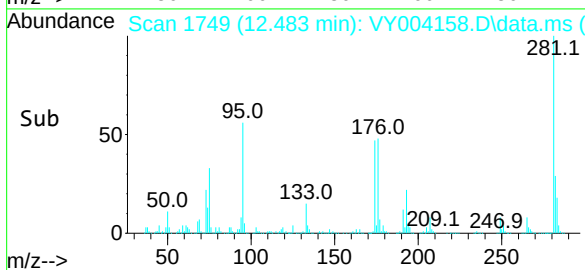
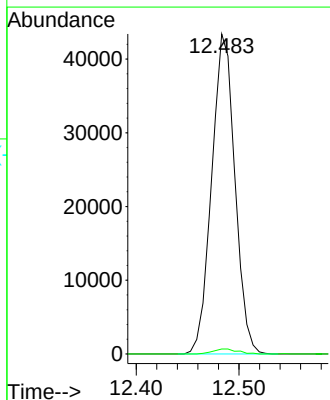
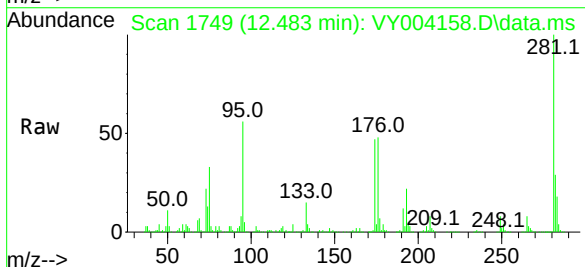
Instrument :
MSVOA_Y
ClientSampled :

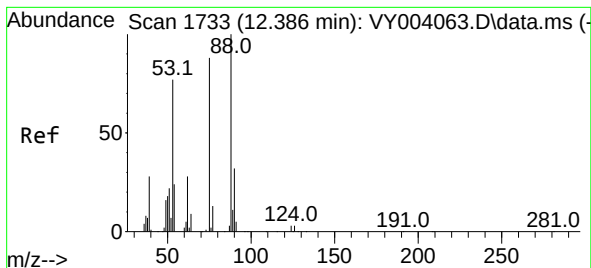
Tgt Ion:152 Resp: 104067
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.6
150 158.6 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 68.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

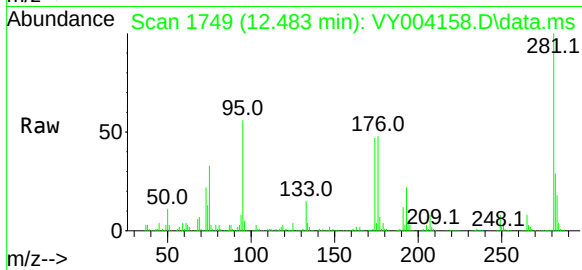
Tgt Ion: 75 Resp: 68202
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004158.D
Acq: 22 Mar 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 68202
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 3.6 35.7 53.5#

