

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004105.D
 Acq On : 17 Mar 2021 15:57
 Operator : SY/MD
 Sample : M1691-04
 Misc : 5.94g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 01:50:01 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)

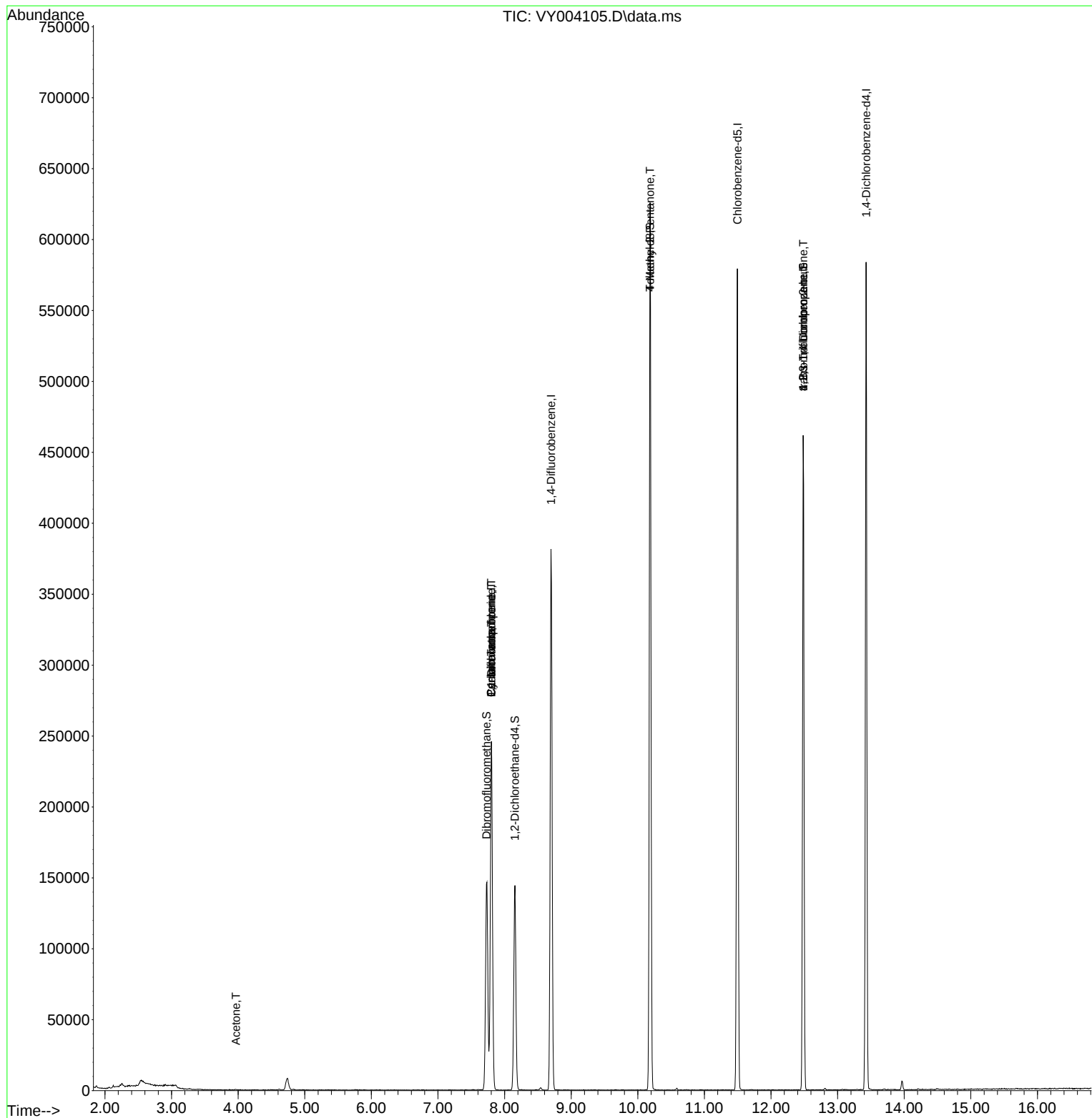
Internal Standards						
1) Pentafluorobenzene	7.801	168	194042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	312368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111705	58.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.66%
35) Dibromofluoromethane	7.728	113	104166	55.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.98%
50) Toluene-d8	10.185	98	395522	53.74	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.48%
62) 4-Bromofluorobenzene	12.483	95	140106	51.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.08%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	827	Below Cal	#	59
16) Acetone	3.967	43	747	1.62	ug/l #	79
20) Methylene Chloride	4.741	84	6278	Below Cal	#	87
31) Cyclohexane	7.801	56	3676	1.09	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	13659	4.67	ug/l #	51
38) Carbon Tetrachloride	7.801	117	18727	6.04	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1784	1.11	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	72960	52.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72960	103.60	ug/l #	13

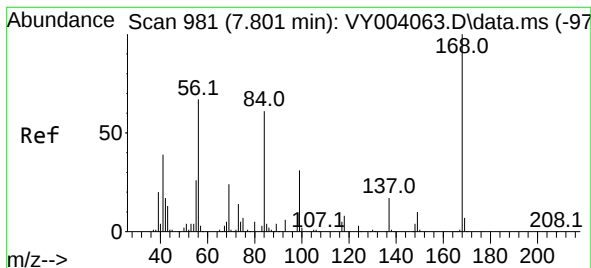
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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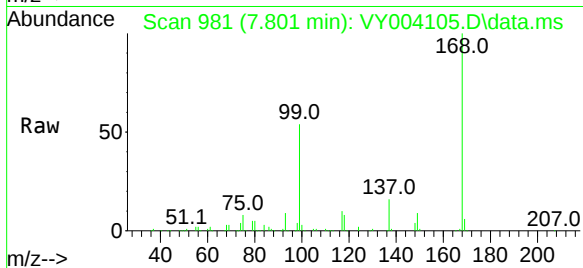
Quant Time: Mar 18 01:50:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
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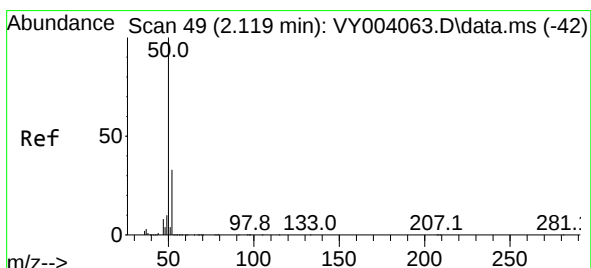
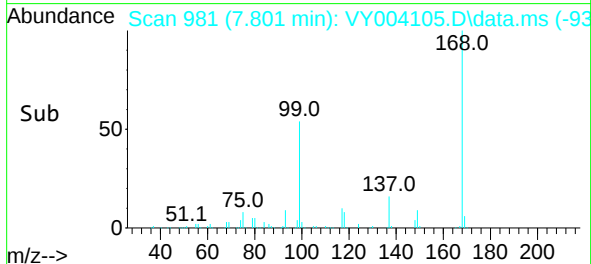
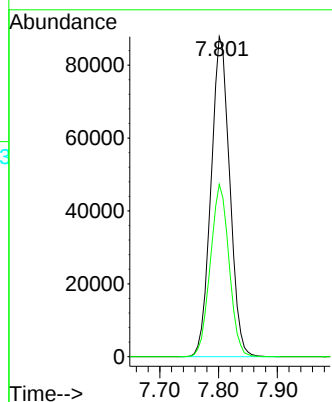


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

Instrument :
MSVOA_Y
ClientSampled :

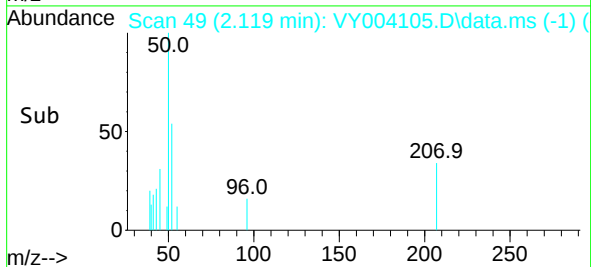
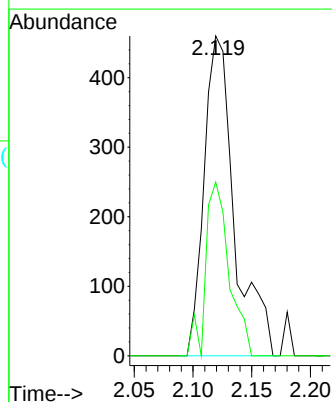
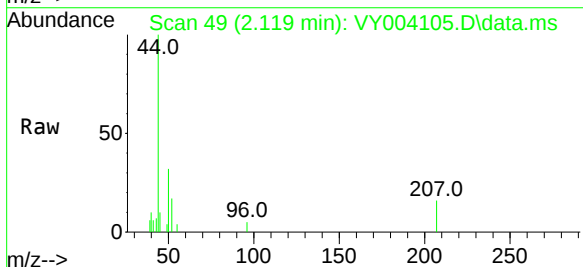


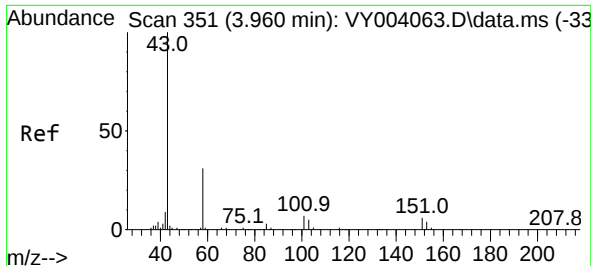
Tgt Ion:168 Resp: 194042
Ion Ratio Lower Upper
168 100
99 53.8 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

Tgt Ion: 50 Resp: 827
Ion Ratio Lower Upper
50 100
52 54.3 25.4 38.2#

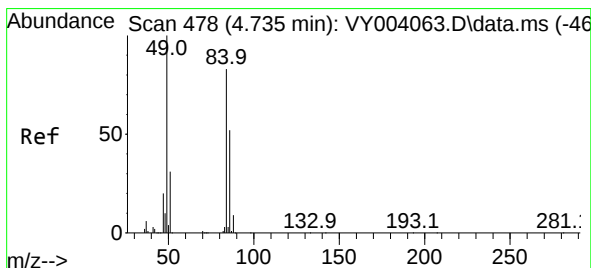
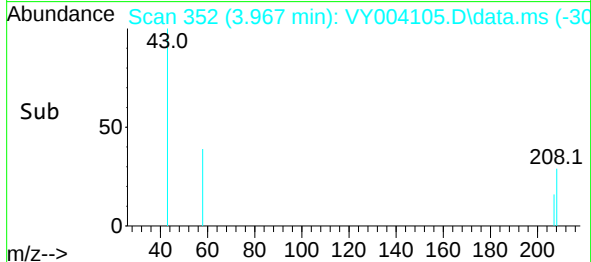
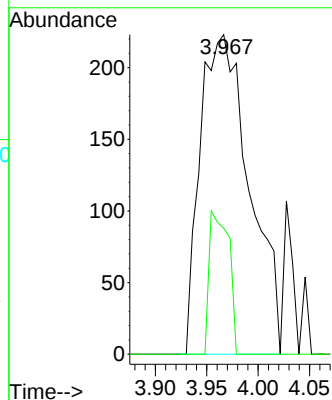
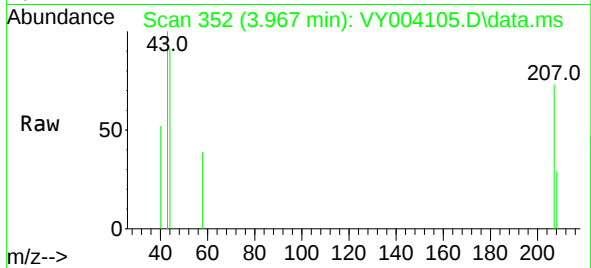




#16
Acetone
Concen: 1.62 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

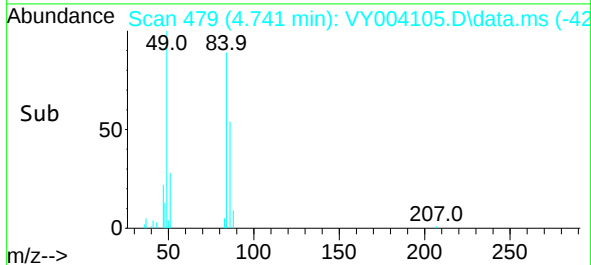
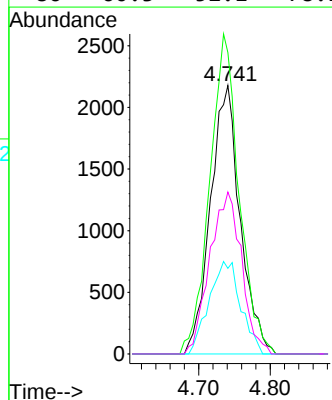
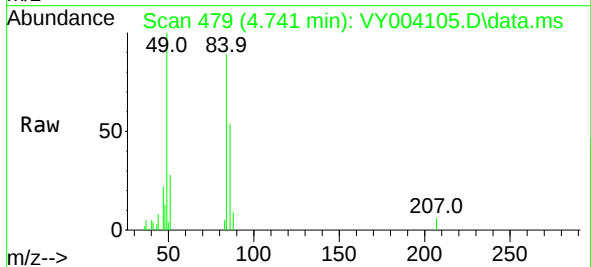
Instrument :
MSVOA_Y
ClientSampleId :

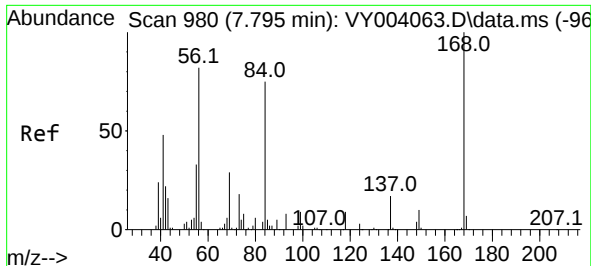
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 39.5 22.6 34.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

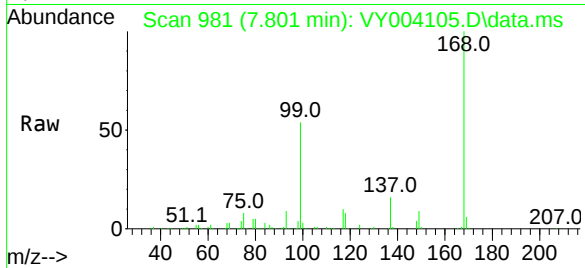
Tgt Ion: 84 Resp: 6278
Ion Ratio Lower Upper
84 100
49 112.3 105.8 158.6
51 31.9 32.6 48.8#
86 60.3 52.1 78.1



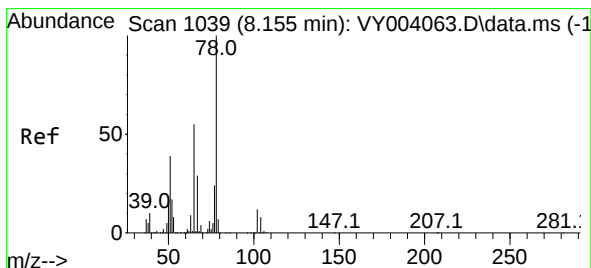
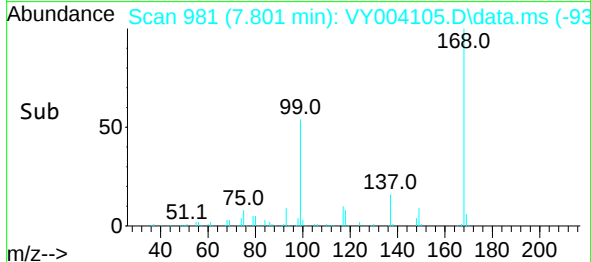
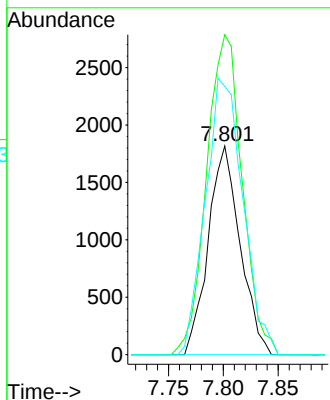


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

Instrument :
MSVOA_Y
ClientSampleId :

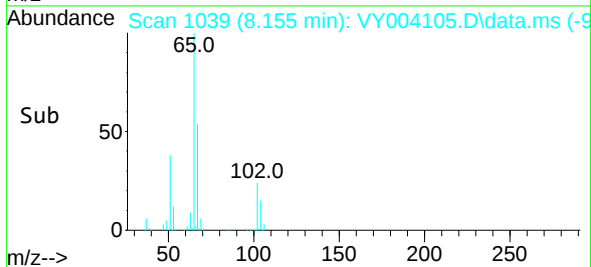
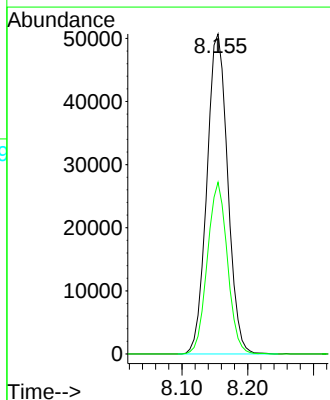
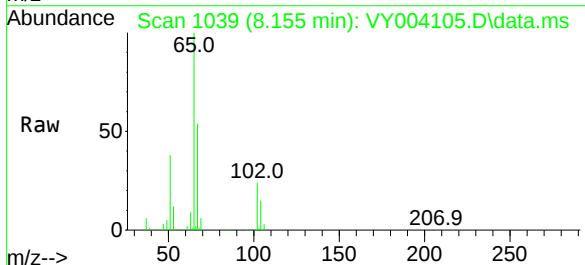


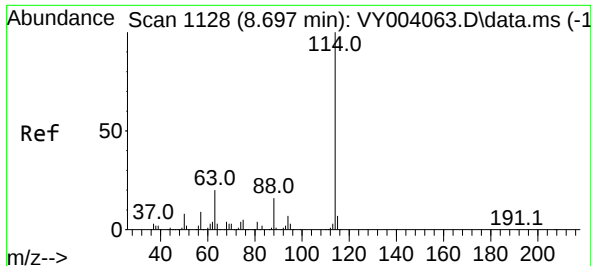
Tgt Ion: 56 Resp: 3676
Ion Ratio Lower Upper
56 100
69 153.4 25.3 37.9#
84 128.5 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 58.33 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

Tgt Ion: 65 Resp: 111705
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4

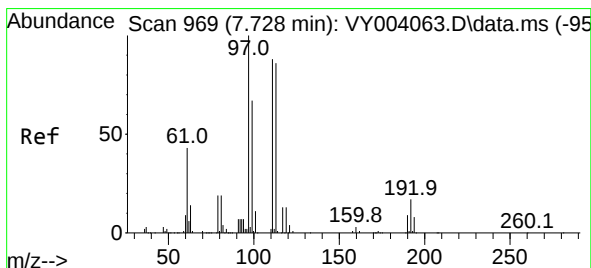
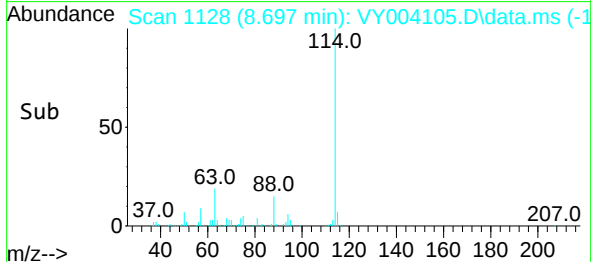
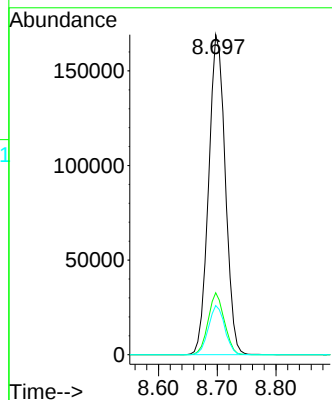
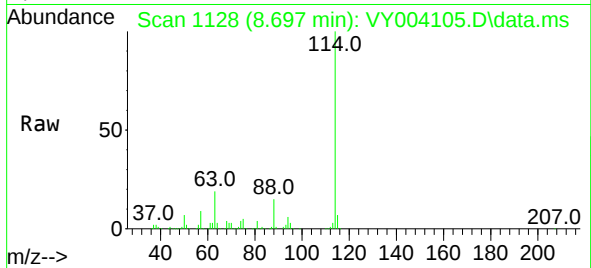




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

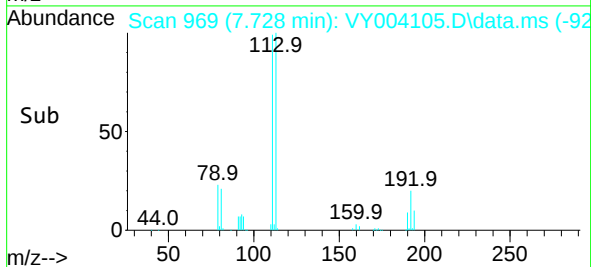
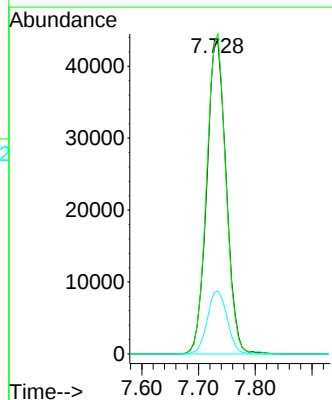
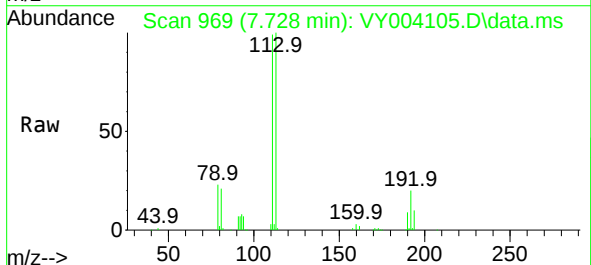
Instrument :
MSVOA_Y
ClientSampleId :

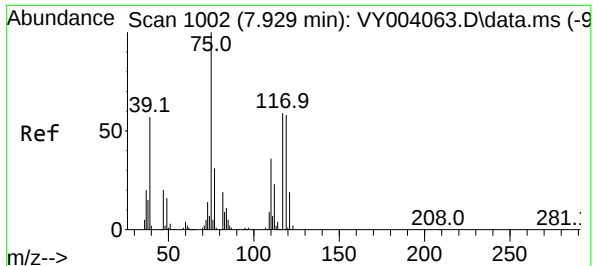
Tgt Ion:114 Resp: 332906
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.49 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

Tgt Ion:113 Resp: 104166
Ion Ratio Lower Upper
113 100
111 100.5 83.2 124.8
192 20.4 18.5 27.7





#36

1,1-Dichloropropene

Concen: 4.67 ug/l

RT: 7.801 min Scan# 981

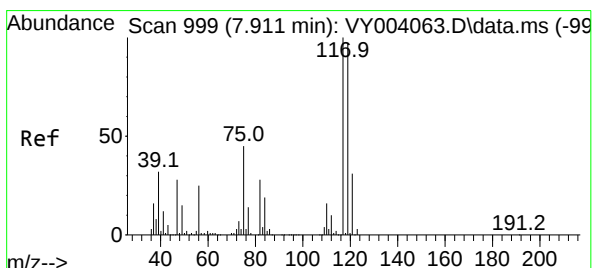
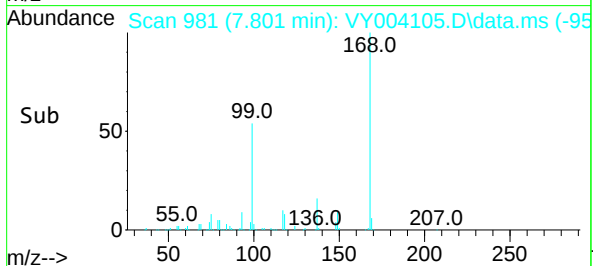
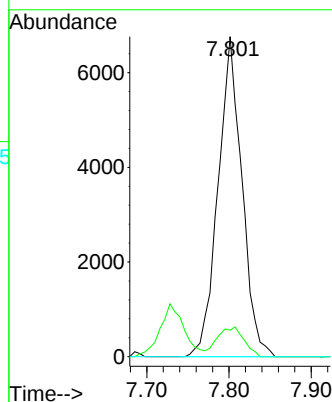
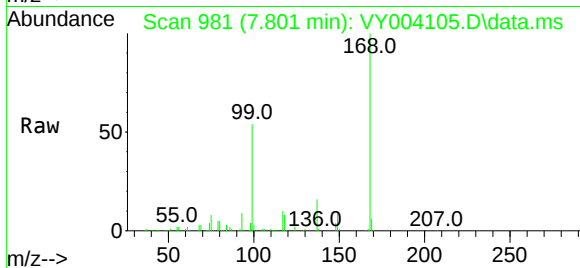
Delta R.T. -0.128 min

Lab File: VY004105.D

Acq: 17 Mar 2021 15:57

Tgt Ion: 75	Resp: 13659
Ion Ratio	Lower Upper
75 100	
110 10.3	17.4 52.3#
77 0.0	24.5 36.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.04 ug/l

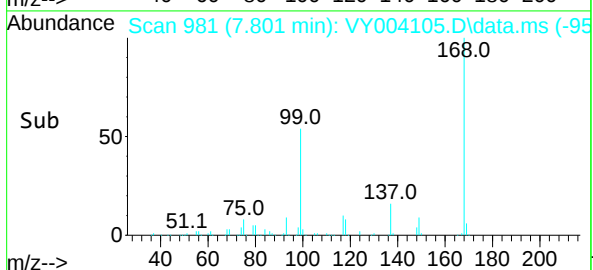
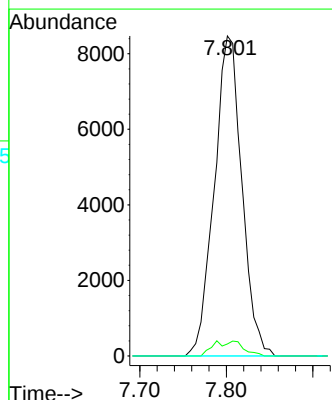
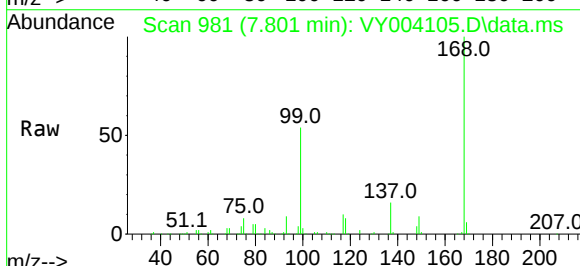
RT: 7.801 min Scan# 981

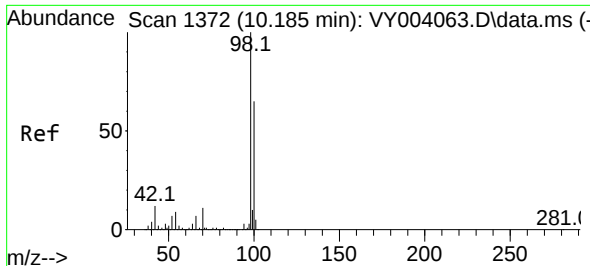
Delta R.T. -0.110 min

Lab File: VY004105.D

Acq: 17 Mar 2021 15:57

Tgt Ion: 117	Resp: 18727
Ion Ratio	Lower Upper
117 100	
119 3.8	75.4 113.0#
121 0.0	24.2 36.2#

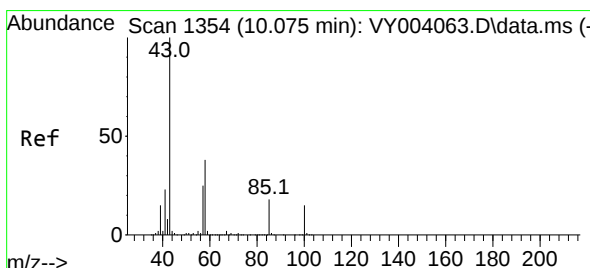
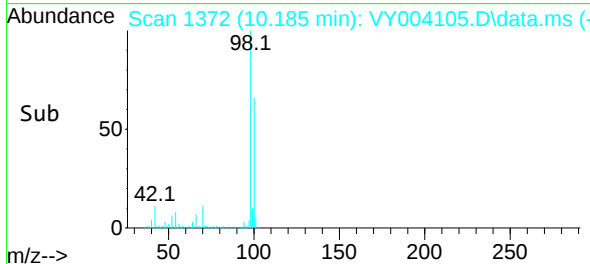
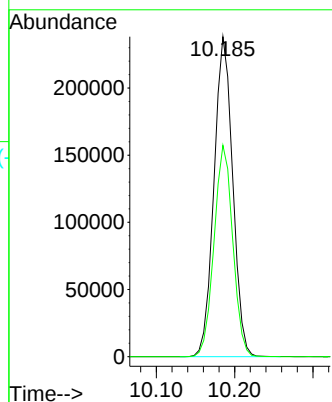
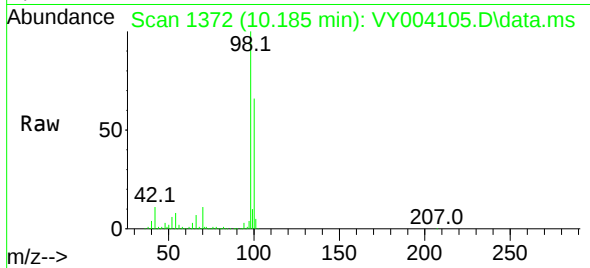




#50
Toluene-d8
Concen: 53.74 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

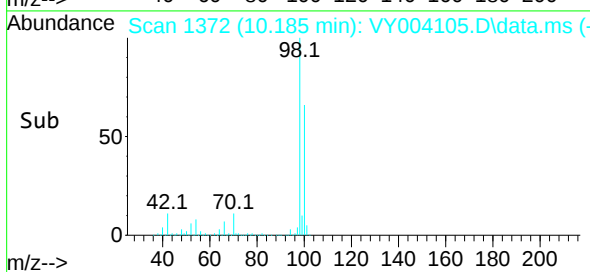
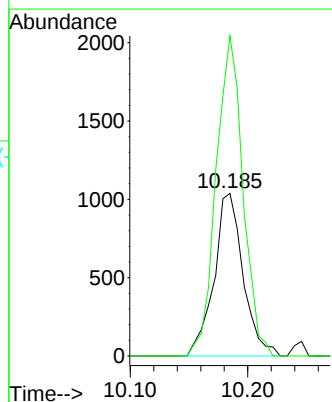
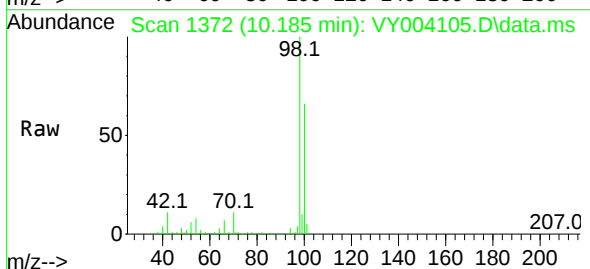
Instrument :
MSVOA_Y
ClientSampled :

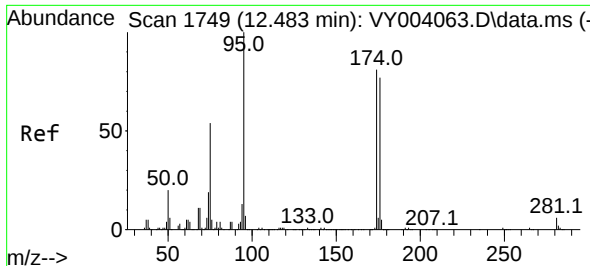
Tgt Ion: 98 Resp: 395522
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
58 182.1 29.8 44.8#

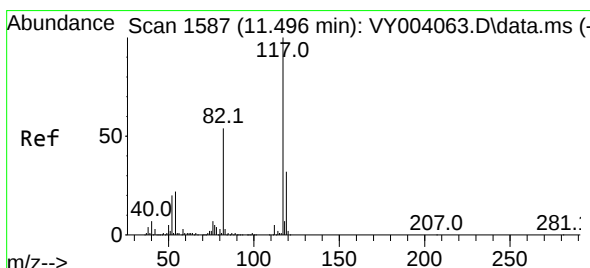
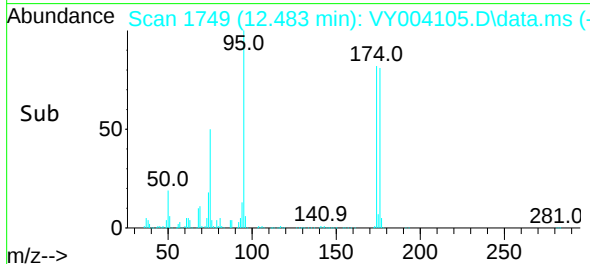
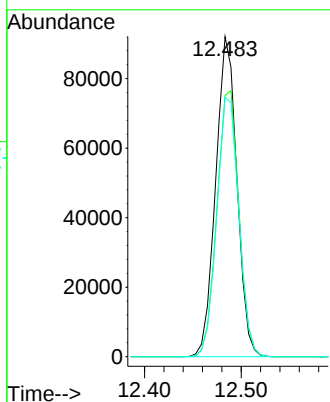
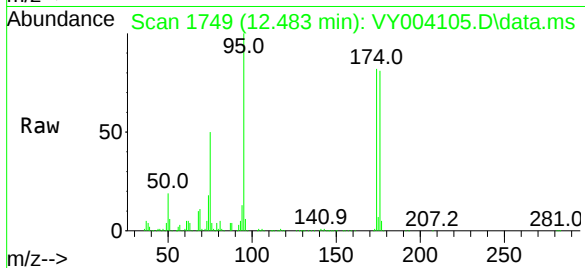




#62
4-Bromofluorobenzene
Concen: 51.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

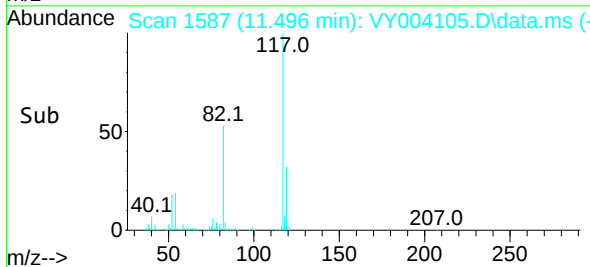
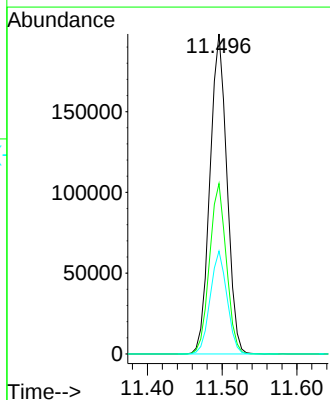
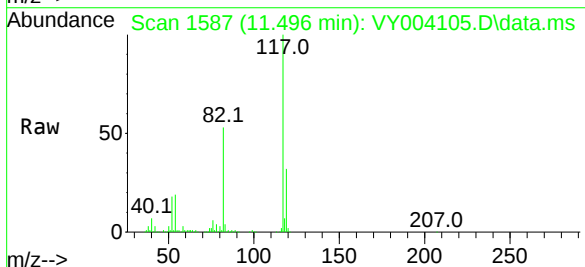
Instrument :
MSVOA_Y
ClientSampleId :

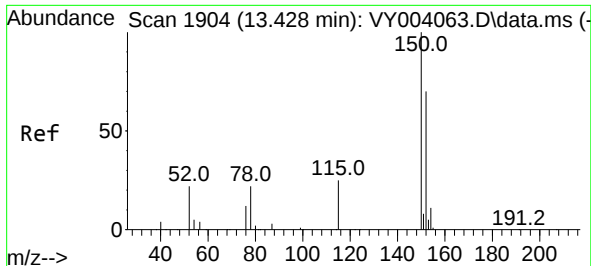
Tgt Ion: 95 Resp: 140106
Ion Ratio Lower Upper
95 100
174 86.4 0.0 179.0
176 83.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

Tgt Ion: 117 Resp: 312368
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.6
119 32.2 26.2 39.2

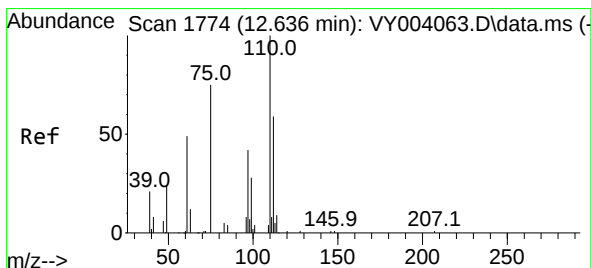
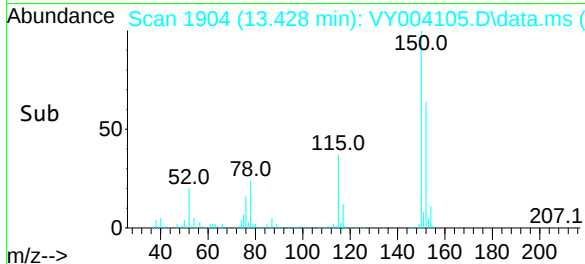
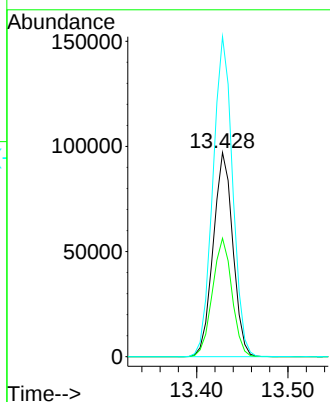
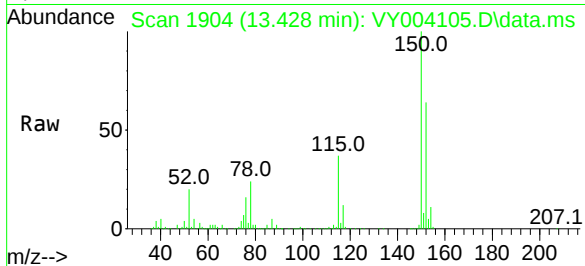




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

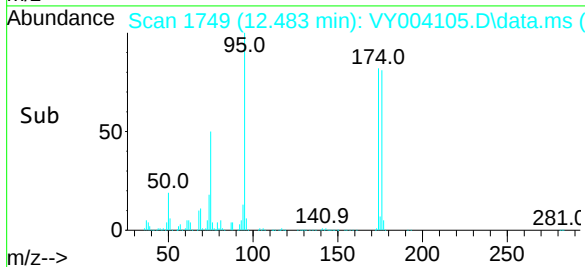
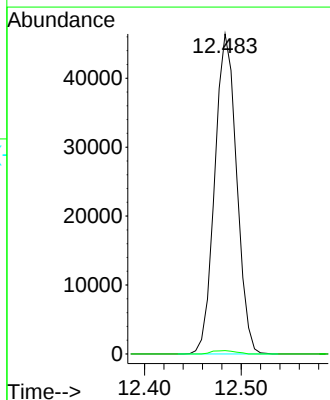
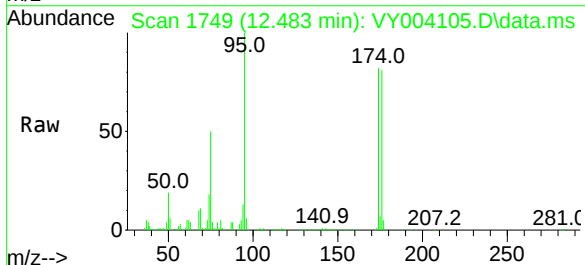
Instrument :
MSVOA_Y
ClientSampleId :

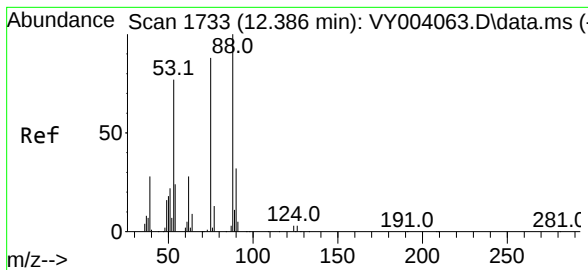
Tgt Ion:152 Resp: 144949
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.6
150 157.6 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 52.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004105.D
Acq: 17 Mar 2021 15:57

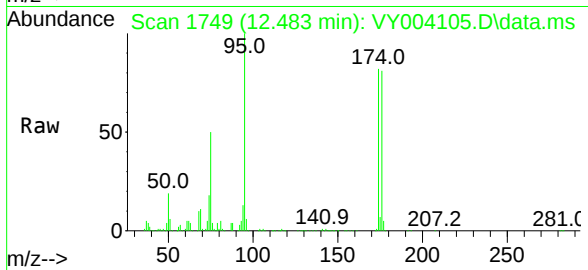
Tgt Ion: 75 Resp: 72960
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.60 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004105.D
 Acq: 17 Mar 2021 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 72960
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.7 53.5#

