

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005376.D
 Acq On : 07 Jul 2021 19:37
 Operator : SY/MD
 Sample : M2947-08
 Misc : 7.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:07:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

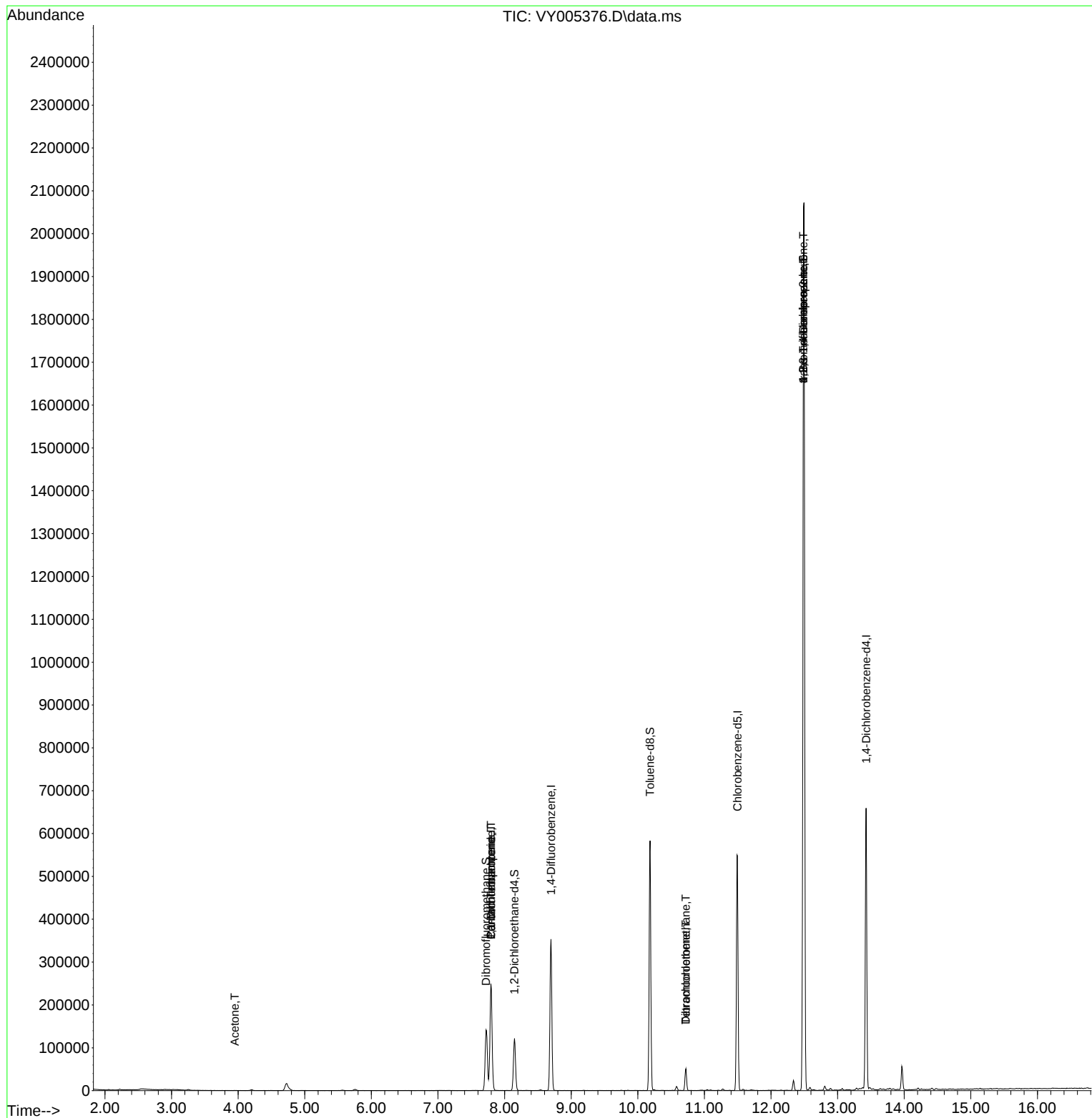
Internal Standards						
1) Pentafluorobenzene	7.795	168	234408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	359915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93289	47.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.722	113	101792	49.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.185	98	412826	49.988	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.483	95	155508	56.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	631	Below Cal	#	77
16) Acetone	3.948	43	549	1.222	ug/l	92
20) Methylene Chloride	4.728	84	15444	Below Cal	#	83
36) 1,1-Dichloropropene	7.795	75	11036	3.579	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	17613	5.457	ug/l	# 17
60) Dibromochloromethane	10.721	129	8960	3.959	ug/l	# 11
64) Tetrachloroethene	10.721	164	12576	4.735	ug/l	92
76) 1,2,3-Trichloropropane	12.483	75	75501	42.499	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	75501	79.293	ug/l	# 20

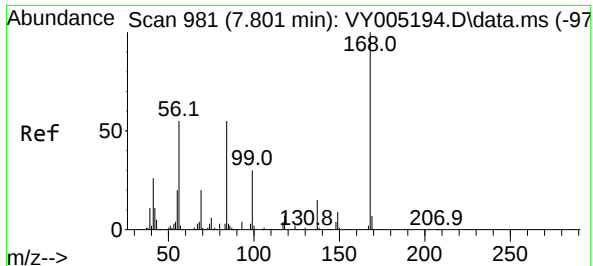
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

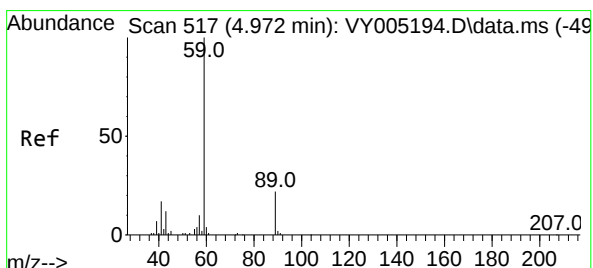
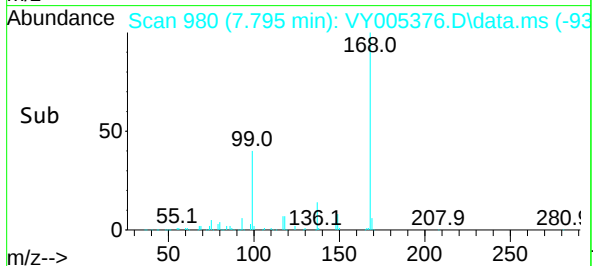
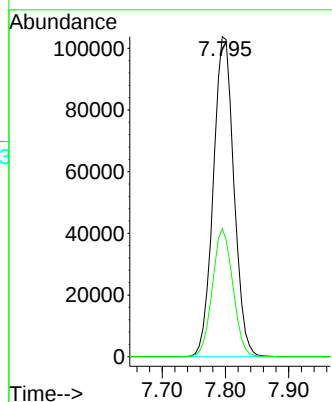
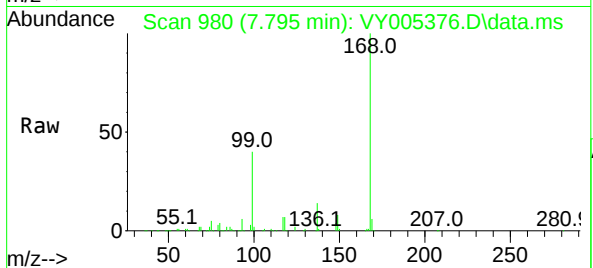




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

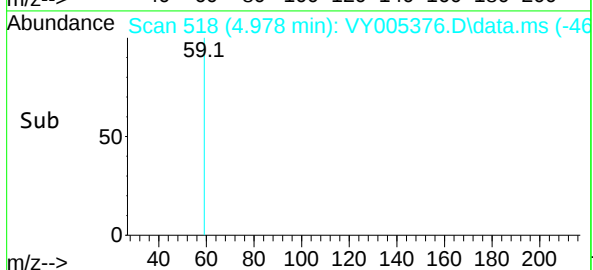
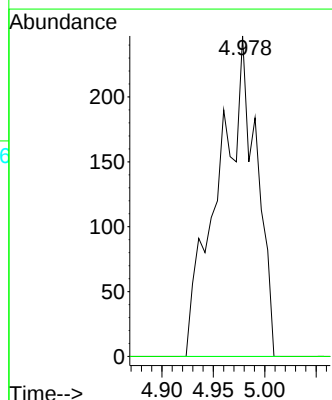
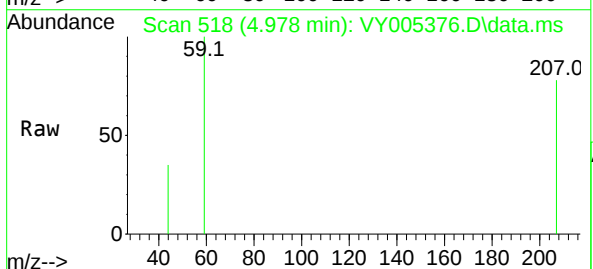
Instrument :
MSVOA_Y
ClientSampleId :

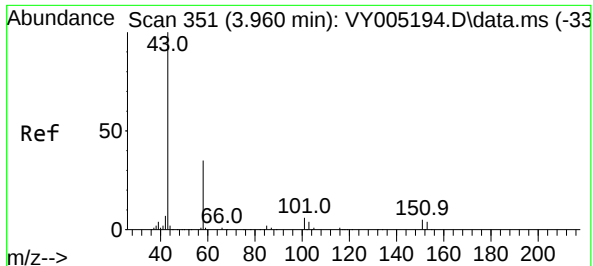
Tgt Ion:168 Resp: 234408
Ion Ratio Lower Upper
168 100
99 40.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion: 59 Resp: 631
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

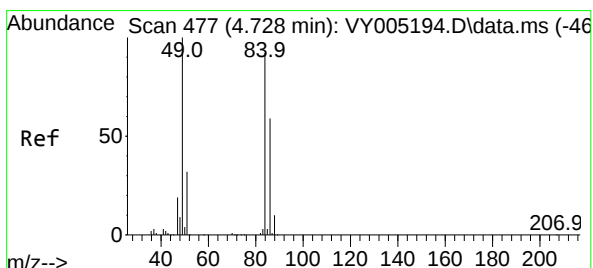
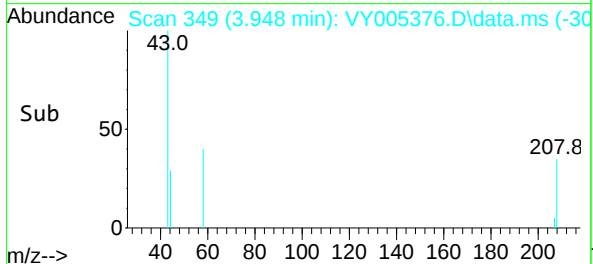
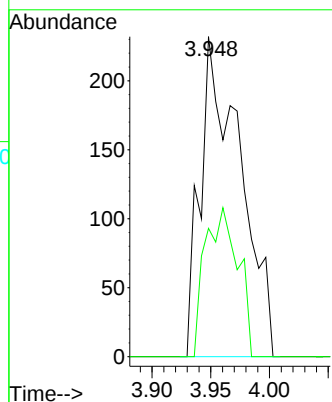
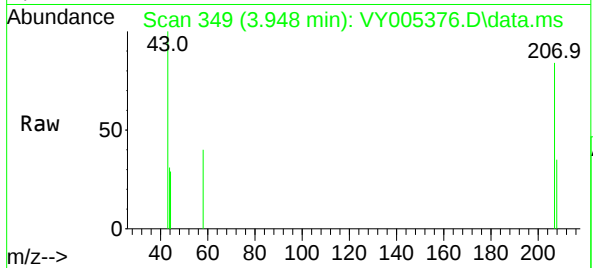




#16
Acetone
Concen: 1.222 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

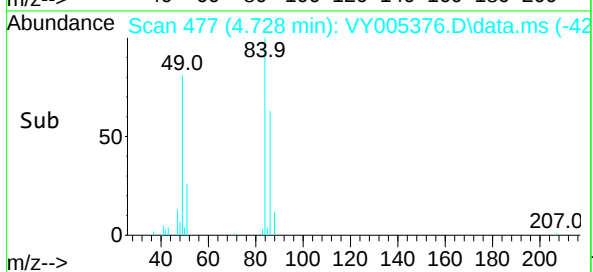
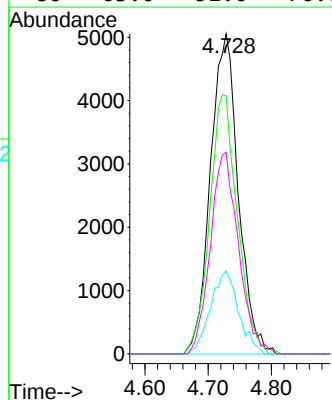
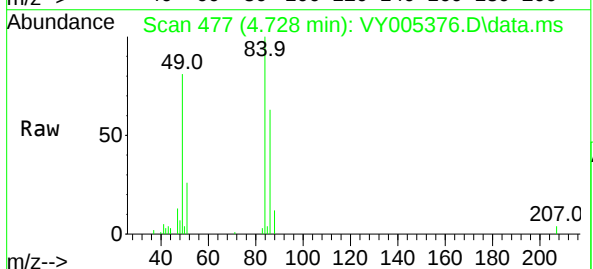
Instrument :
MSVOA_Y
ClientSampled :

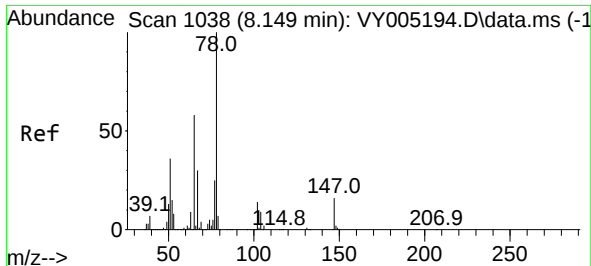
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
58 40.1 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion: 84 Resp: 15444
Ion Ratio Lower Upper
84 100
49 80.7 86.9 130.3#
51 25.9 27.4 41.2#
86 63.0 51.0 76.6

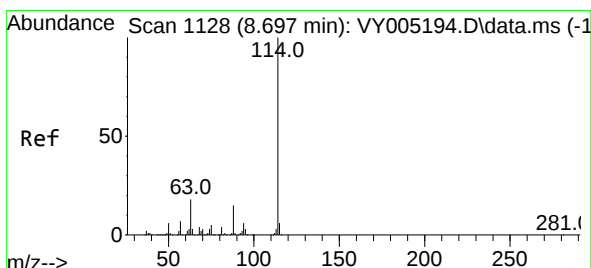
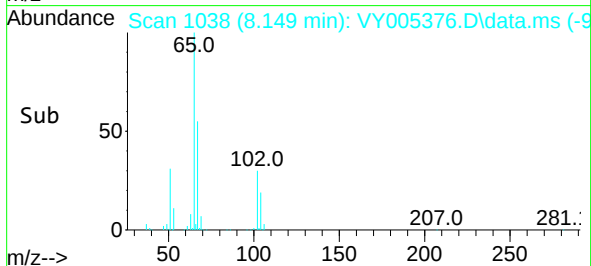
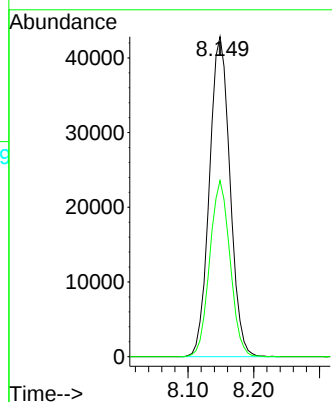
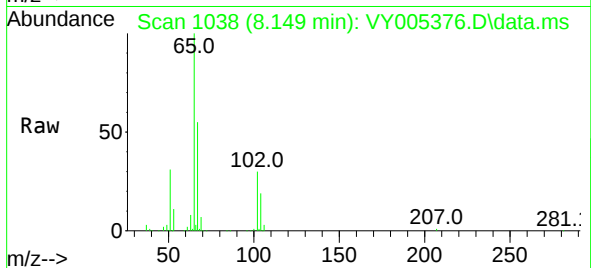




#33
1,2-Dichloroethane-d4
Concen: 47.957 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

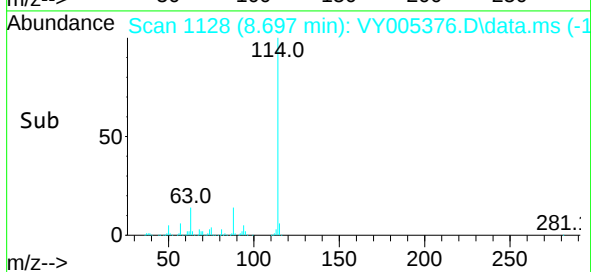
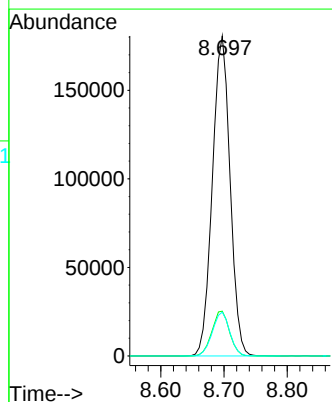
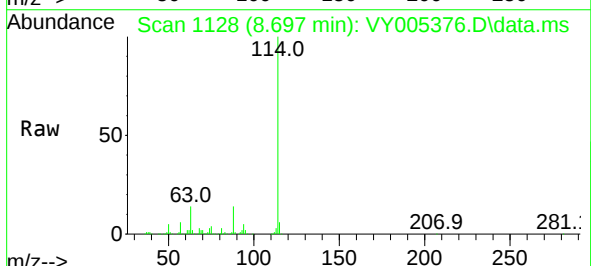
Instrument :
MSVOA_Y
ClientSampleId :

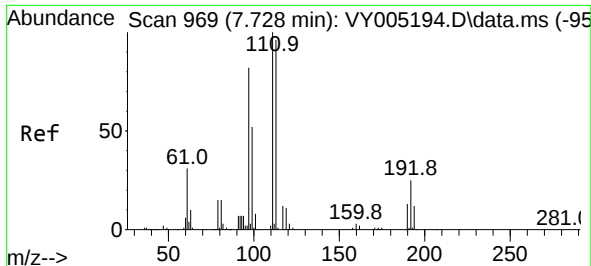
Tgt Ion: 65 Resp: 93289
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

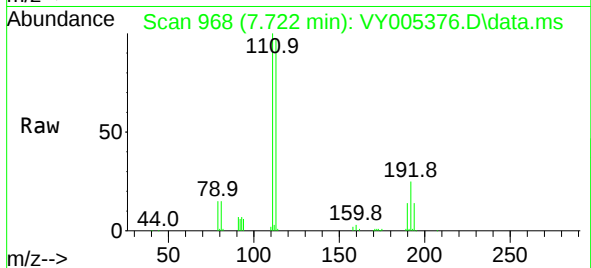
Tgt Ion: 114 Resp: 350160
Ion Ratio Lower Upper
114 100
63 14.0 0.0 35.2
88 13.7 0.0 29.4



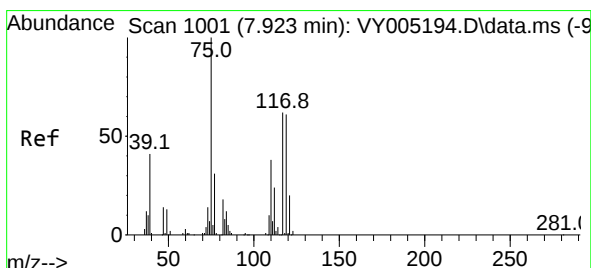
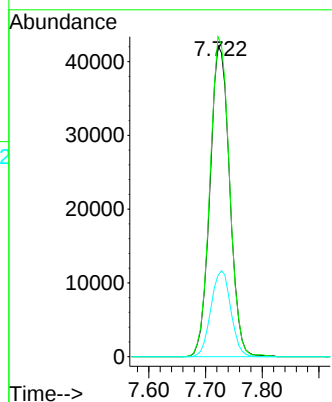
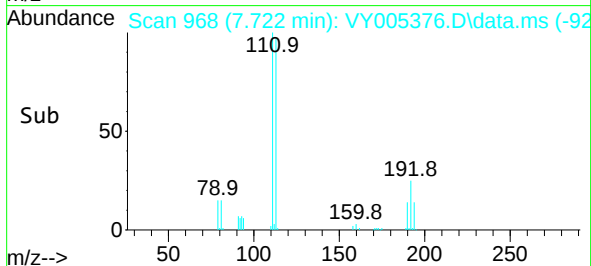


#35
Dibromofluoromethane
Concen: 49.292 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

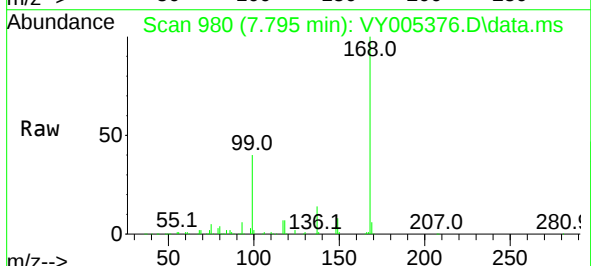
Instrument :
MSVOA_Y
ClientSampleId :



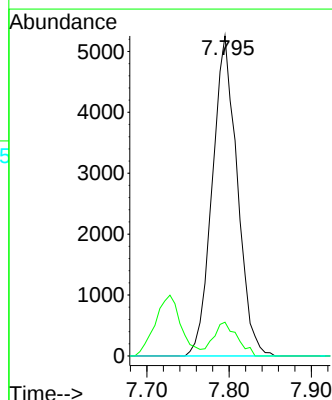
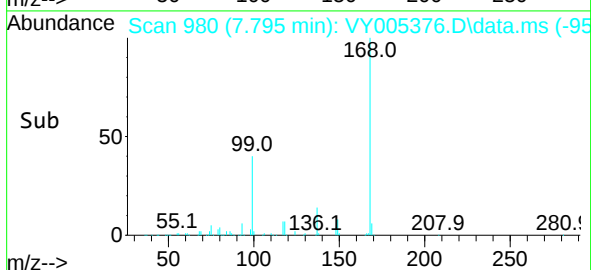
Tgt Ion:113 Resp: 101792
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 27.8 20.2 30.2

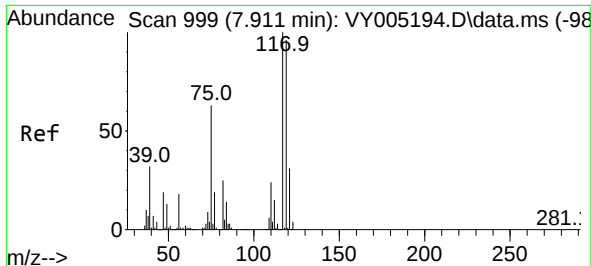


#36
1,1-Dichloropropene
Concen: 3.579 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37



Tgt Ion: 75 Resp: 11036
Ion Ratio Lower Upper
75 100
110 10.1 19.1 57.5#
77 0.0 25.2 37.8#

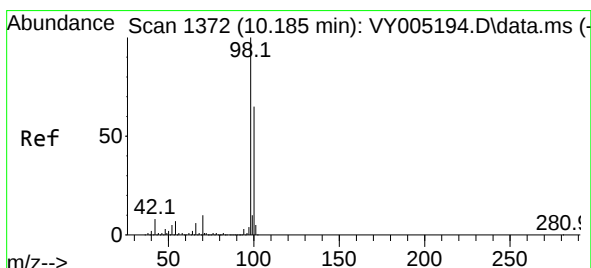
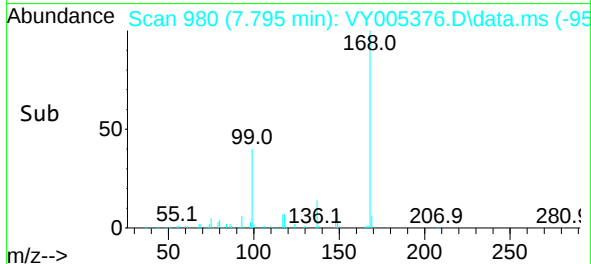
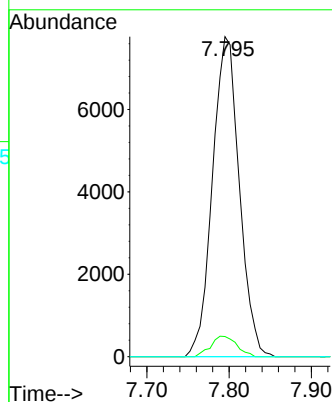
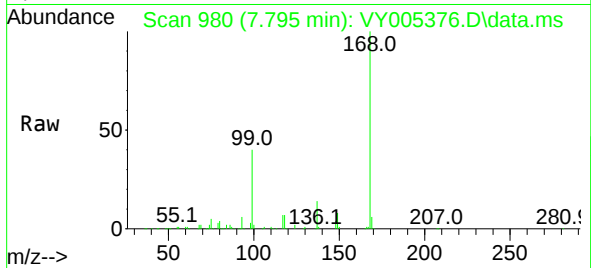




#38
Carbon Tetrachloride
Concen: 5.457 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

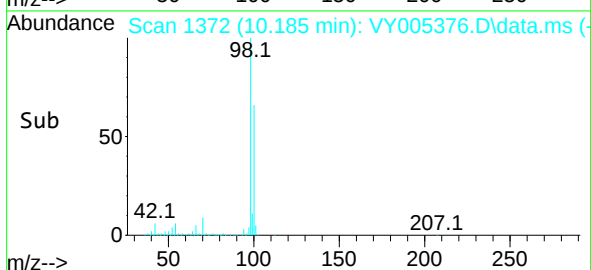
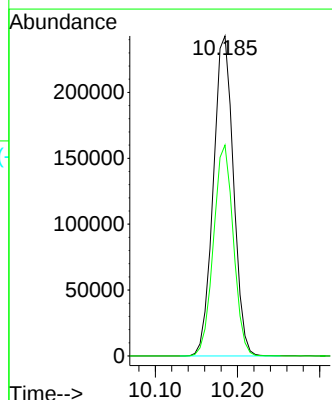
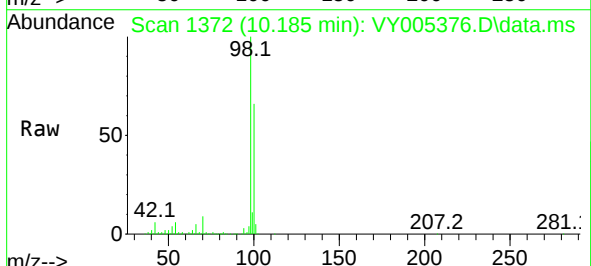
Instrument :
MSVOA_Y
ClientSampleId :

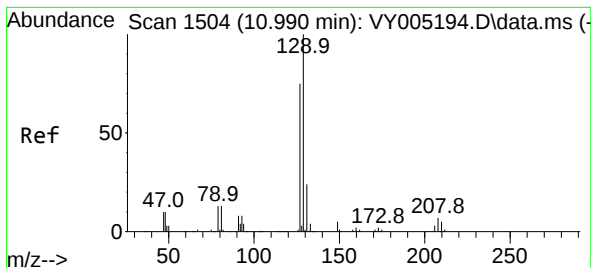
Tgt Ion:117 Resp: 17613
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.988 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion: 98 Resp: 412826
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

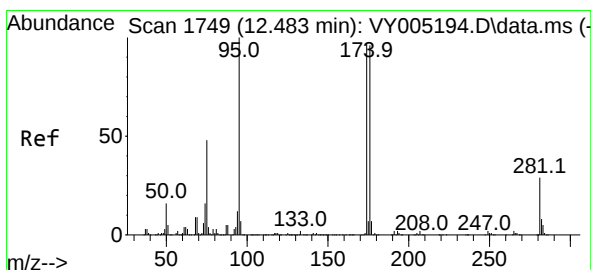
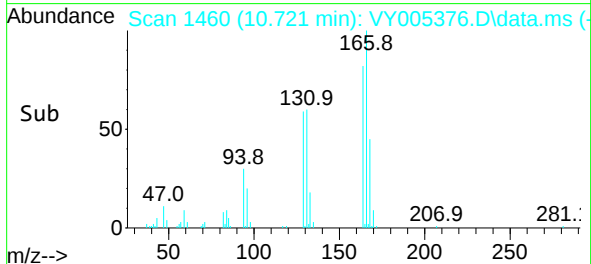
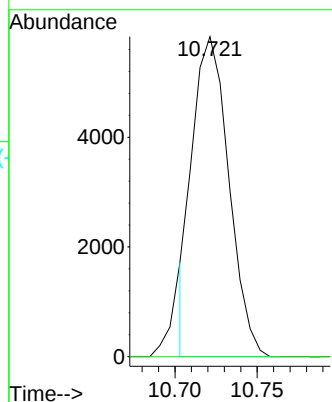
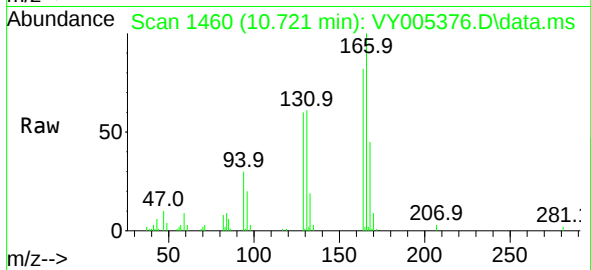




#60
Dibromochloromethane
Concen: 3.959 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

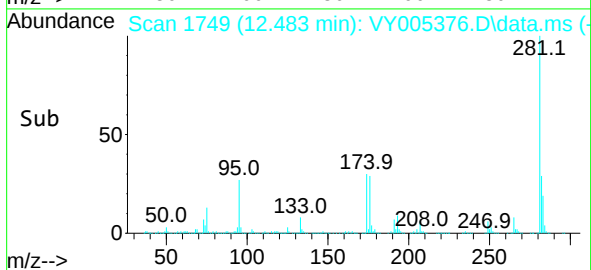
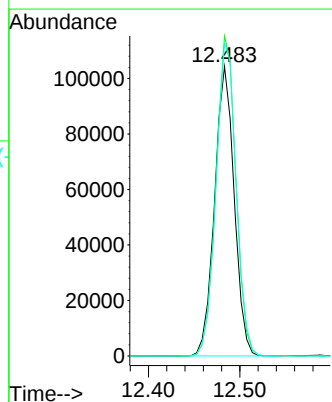
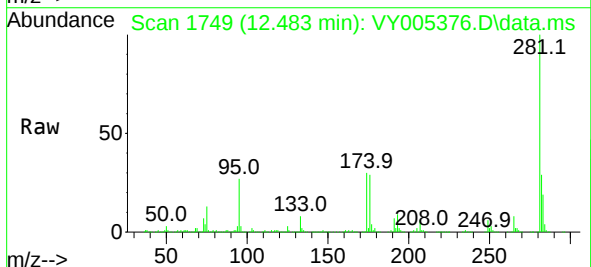
Instrument :
MSVOA_Y
ClientSampled :

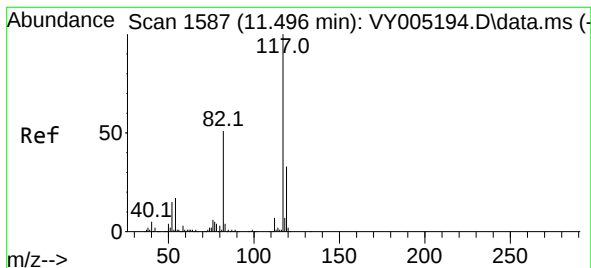
Tgt Ion:129 Resp: 8960
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 56.508 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion: 95 Resp: 155508
Ion Ratio Lower Upper
95 100
174 111.9 0.0 201.6
176 111.1 0.0 197.4

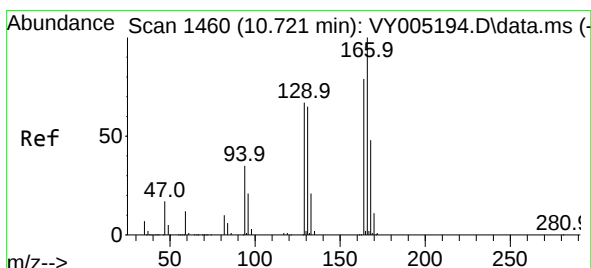
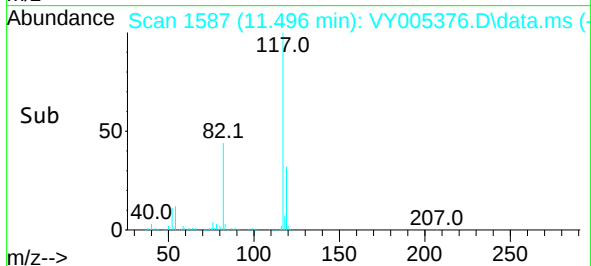
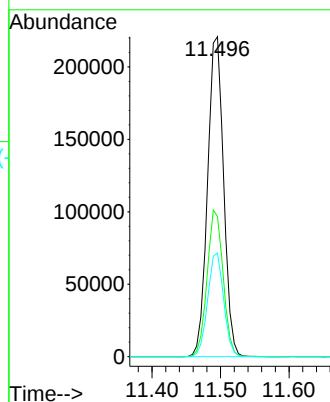
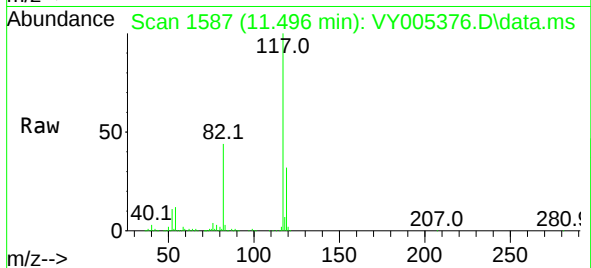




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

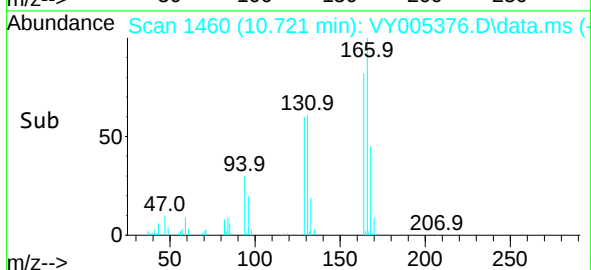
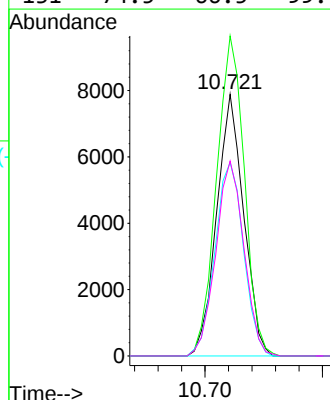
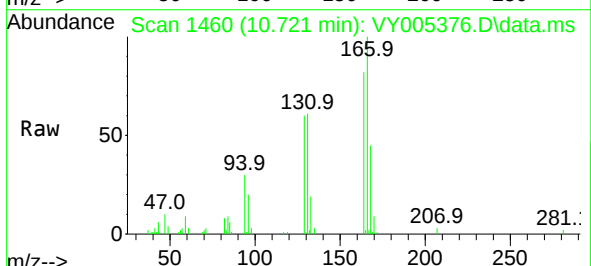
Instrument :
MSVOA_Y
ClientSampleId :

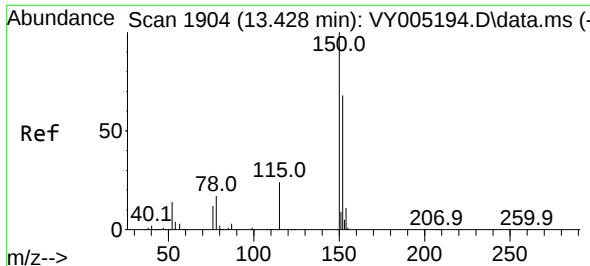
Tgt Ion:117 Resp: 359915
Ion Ratio Lower Upper
117 100
82 43.8 40.6 60.8
119 32.4 26.1 39.1



#64
Tetrachloroethene
Concen: 4.735 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion:164 Resp: 12576
Ion Ratio Lower Upper
164 100
166 122.3 101.6 152.4
129 74.0 67.6 101.4
131 74.5 66.5 99.7

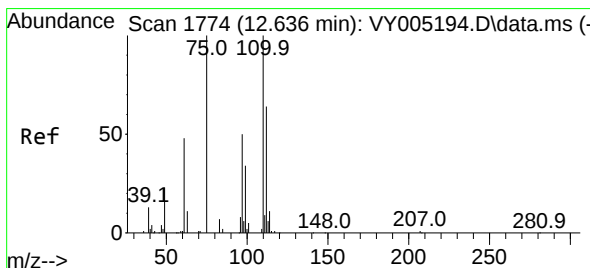
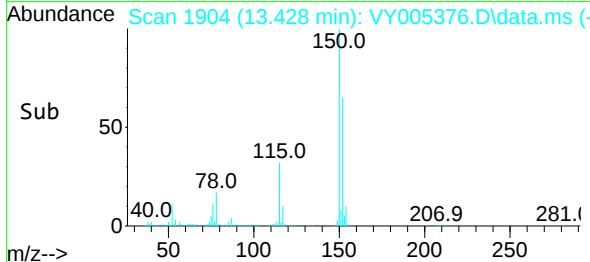
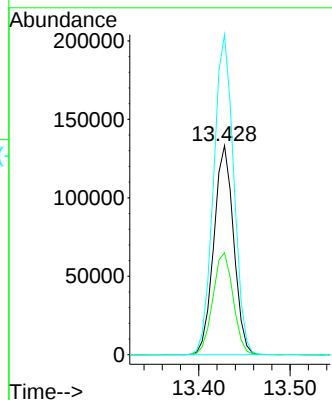
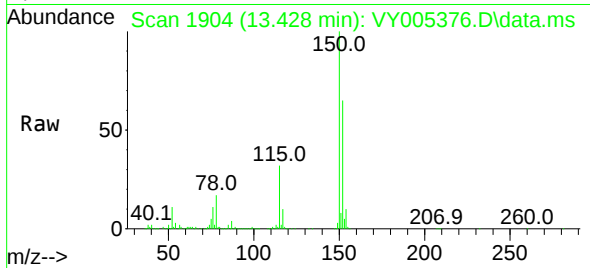




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005376.D
 Acq: 07 Jul 2021 19:37

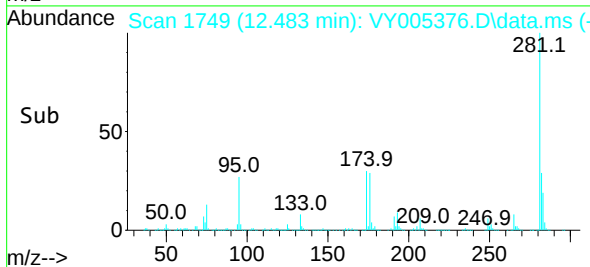
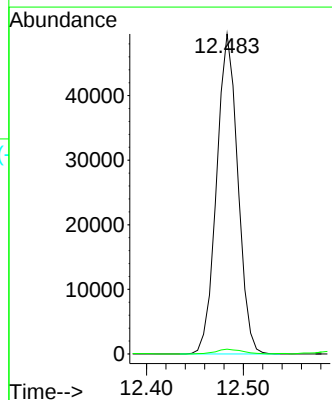
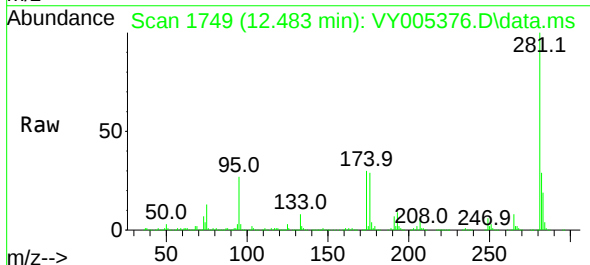
Instrument :
 MSVOA_Y
 ClientSampleId :

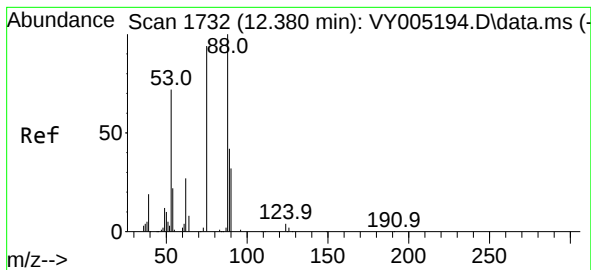
Tgt Ion:152 Resp: 200311
 Ion Ratio Lower Upper
 152 100
 115 50.0 26.3 78.8
 150 155.8 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 42.499 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005376.D
 Acq: 07 Jul 2021 19:37

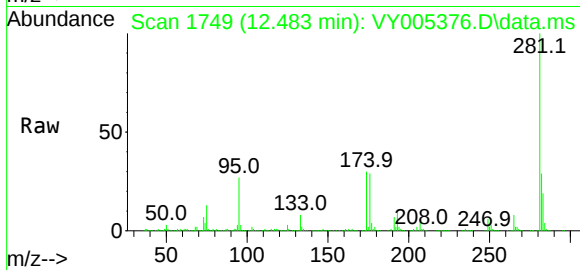
Tgt Ion: 75 Resp: 75501
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 75501
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 4.1 38.0 57.0#

