

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005380.D
 Acq On : 07 Jul 2021 21:09
 Operator : SY/MD
 Sample : M2963-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:08:37 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	16292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	20920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4851	35.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.760%
35) Dibromofluoromethane	7.722	113	5176	41.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.900%
50) Toluene-d8	10.185	98	22794	46.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.483	95	5738	34.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.800%

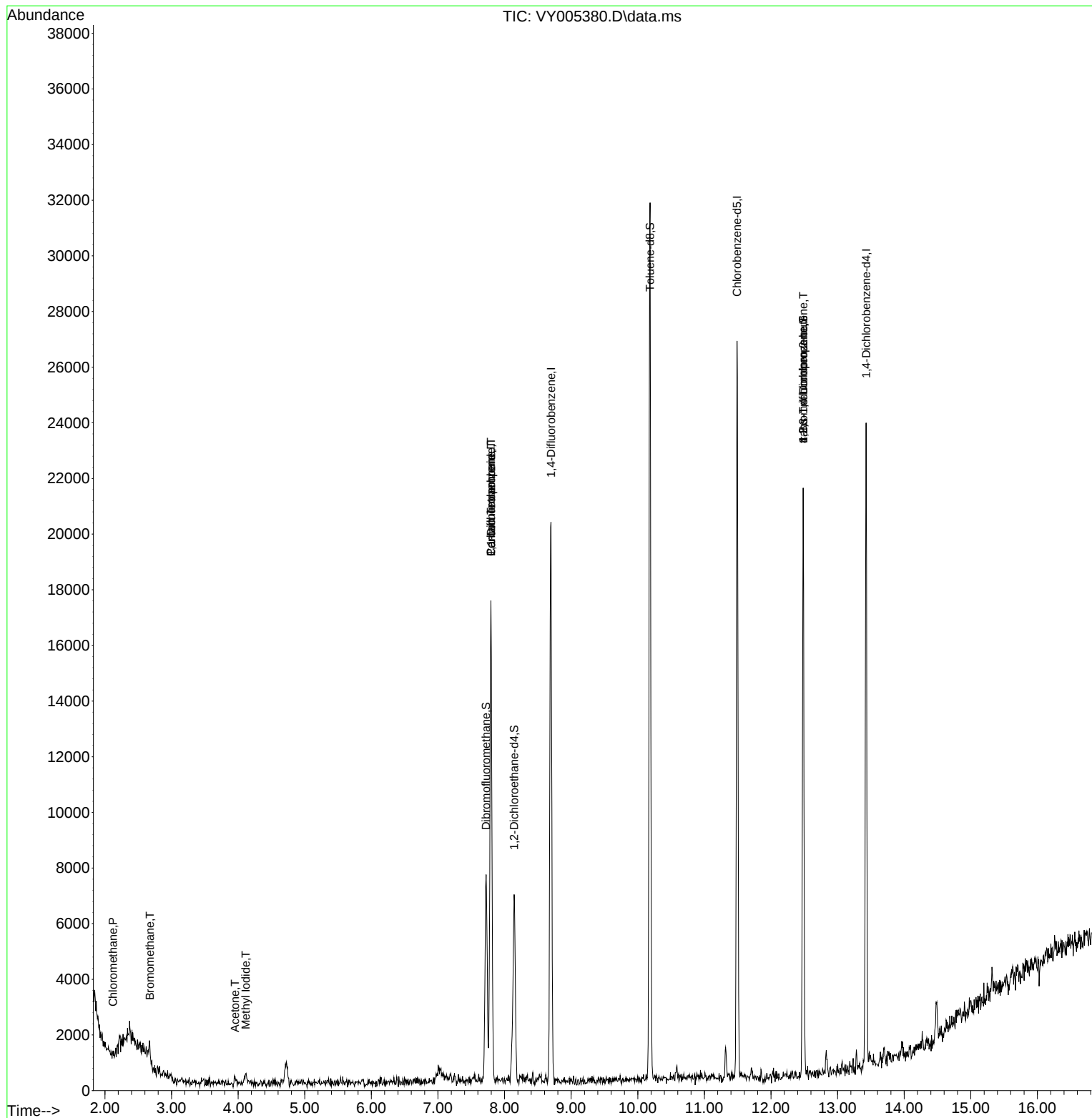
Target Compounds					Qvalue	
3) Chloromethane	2.119	50	233	1.633	ug/l #	40
5) Bromomethane	2.674	94	597	5.770	ug/l #	78
10) Methyl Iodide	4.113	142	726	3.823	ug/l #	60
16) Acetone	3.954	43	354	11.334	ug/l #	86
20) Methylene Chloride	4.723	84	902	Below Cal	#	70
36) 1,1-Dichloropropene	7.795	75	846	4.592	ug/l #	44
38) Carbon Tetrachloride	7.795	117	1244	6.451	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2516	39.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2516	74.225	ug/l #	17

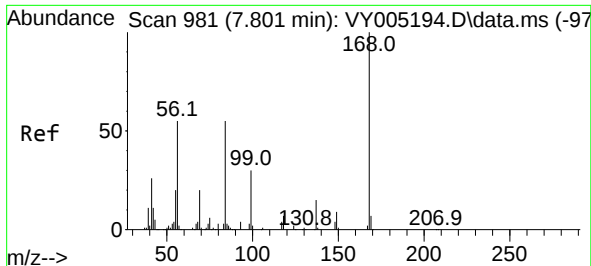
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

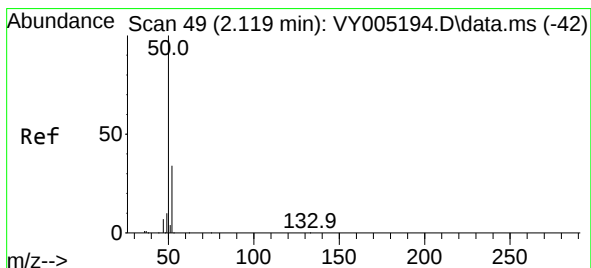
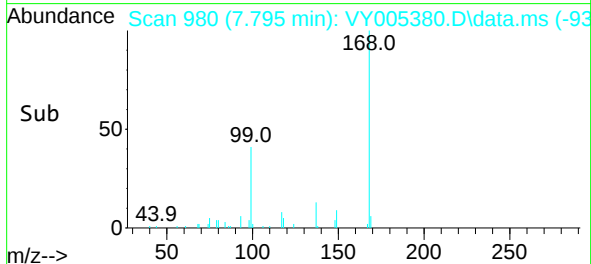
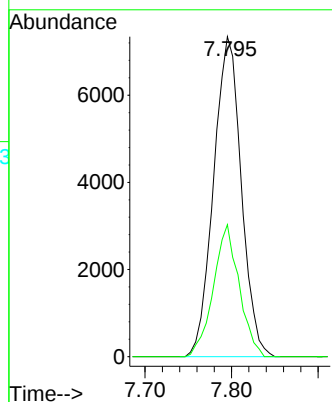
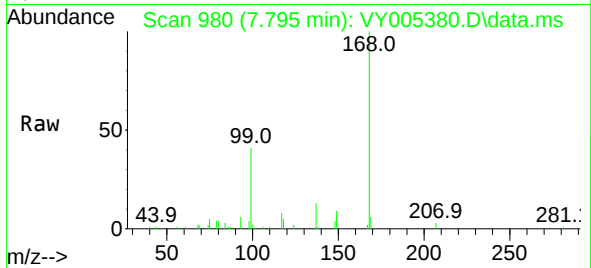




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

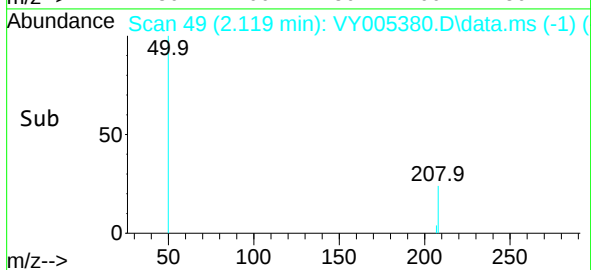
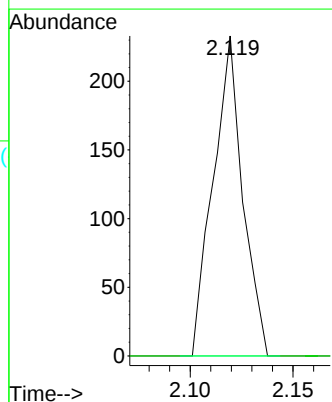
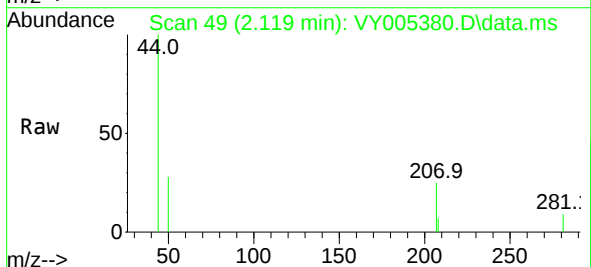
Instrument :
MSVOA_Y
ClientSampleId :

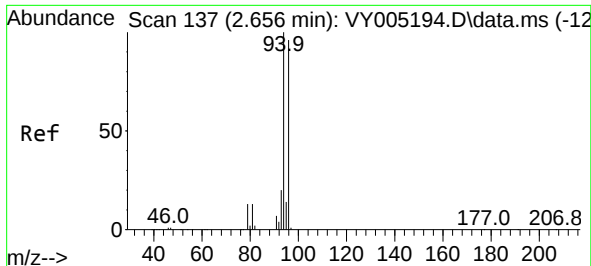
Tgt Ion:168 Resp: 16292
Ion Ratio Lower Upper
168 100
99 41.3 36.2 54.4



#3
Chloromethane
Concen: 1.633 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

Tgt Ion: 50 Resp: 233
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.2#

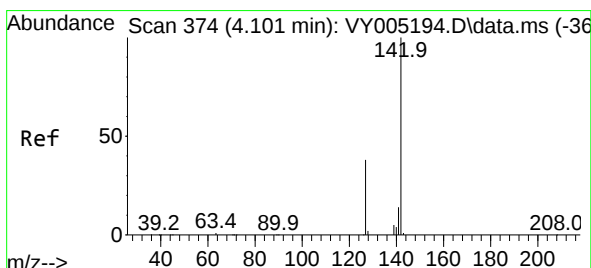
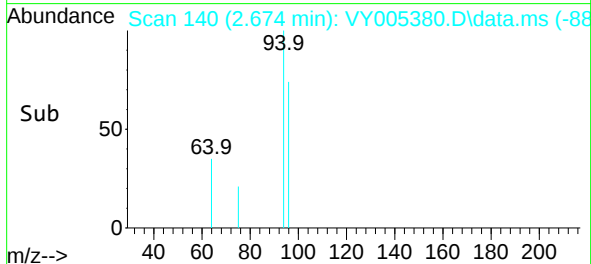
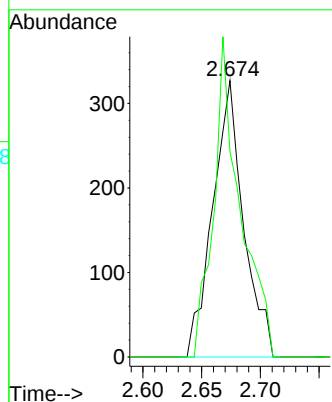
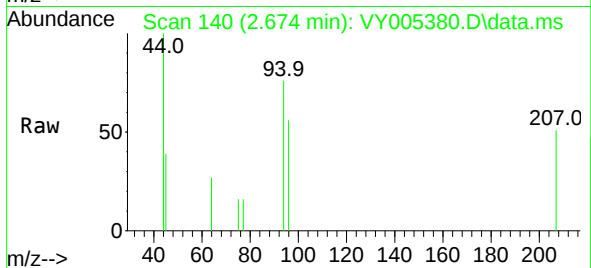




#5
Bromomethane
Concen: 5.770 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

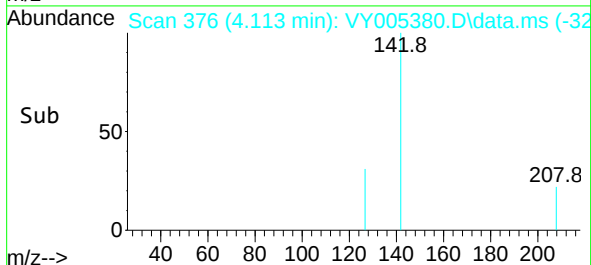
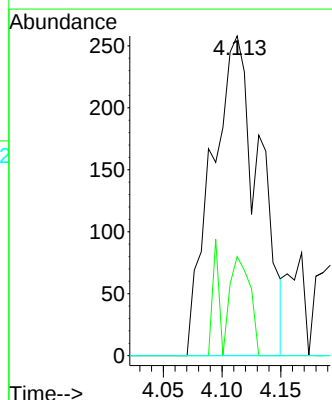
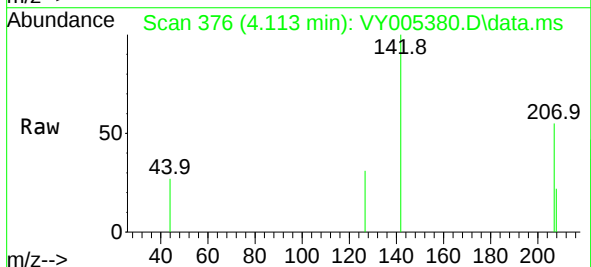
Instrument :
MSVOA_Y
ClientSampled :

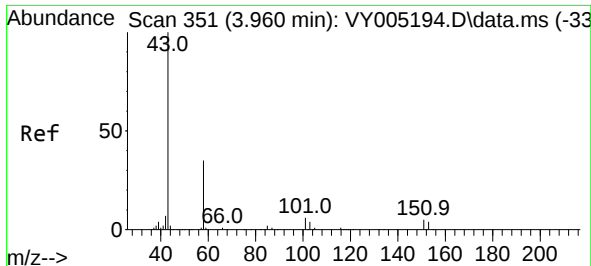
Tgt Ion: 94 Resp: 597
Ion Ratio Lower Upper
94 100
96 74.3 76.9 115.3#



#10
Methyl Iodide
Concen: 3.823 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

Tgt Ion: 142 Resp: 726
Ion Ratio Lower Upper
142 100
127 13.1 31.3 46.9#
141 0.0 11.3 16.9#

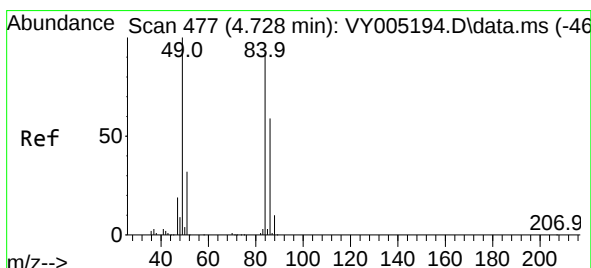
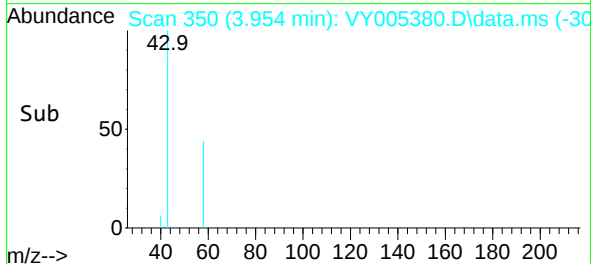
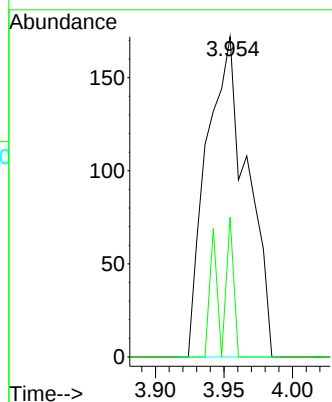
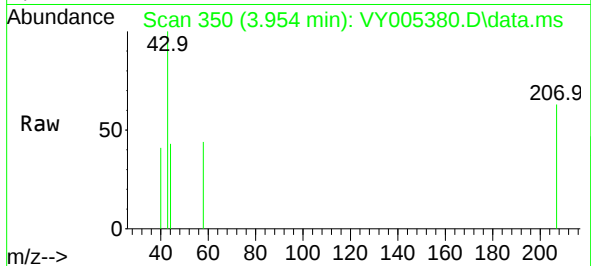




#16
Acetone
Concen: 11.334 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

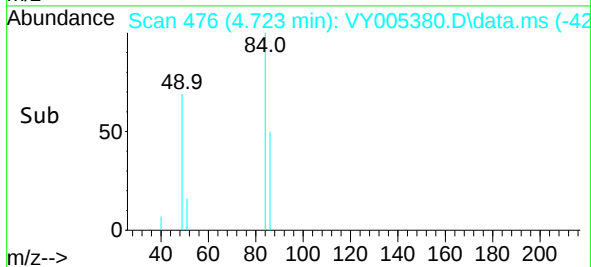
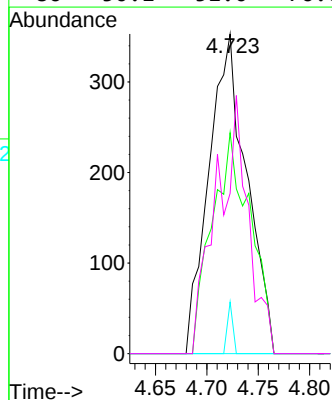
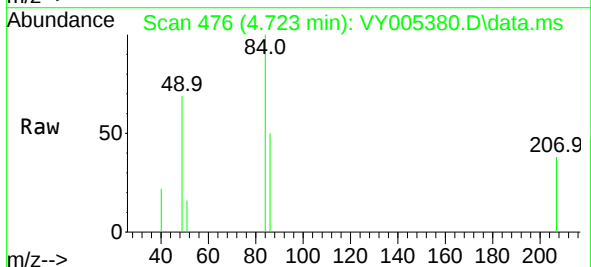
Instrument :
MSVOA_Y
ClientSampleId :

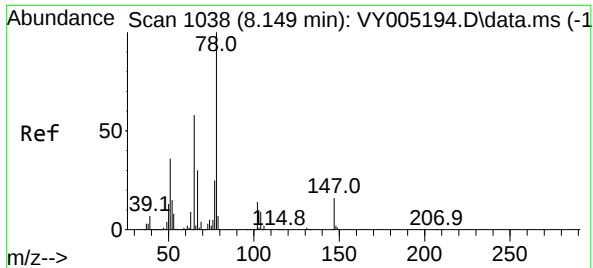
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 43.6 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

Tgt Ion: 84 Resp: 902
Ion Ratio Lower Upper
84 100
49 69.1 86.9 130.3#
51 16.1 27.4 41.2#
86 50.1 51.0 76.6#

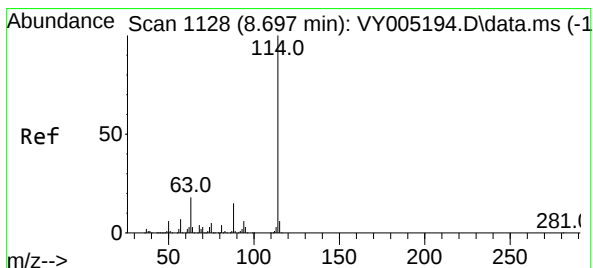
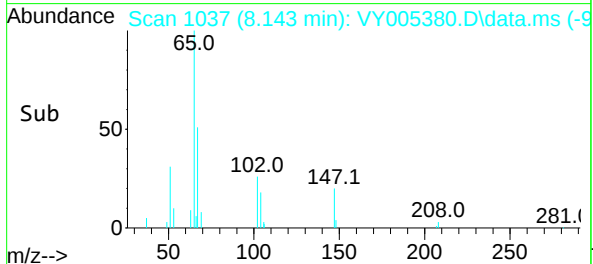
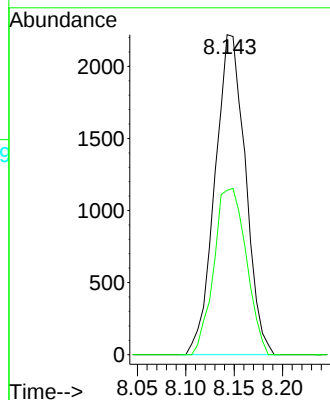
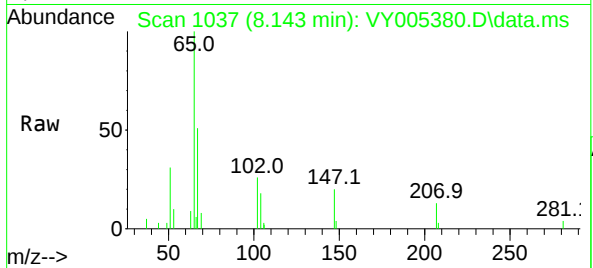




#33
1,2-Dichloroethane-d4
Concen: 35.880 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

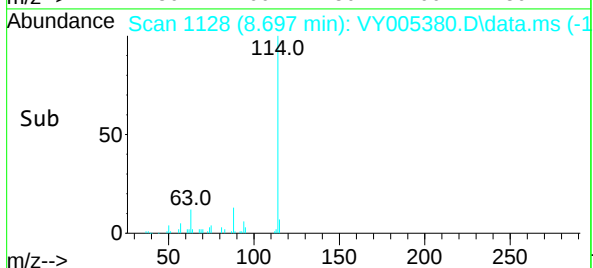
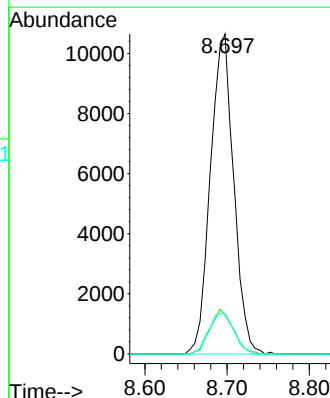
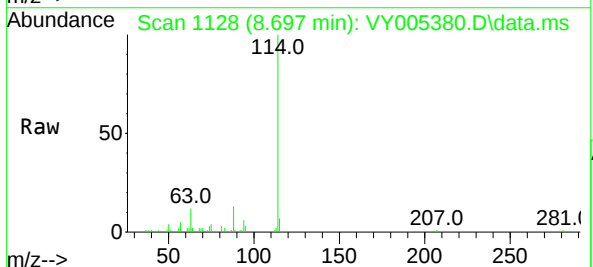
Instrument :
MSVOA_Y
ClientSampled :

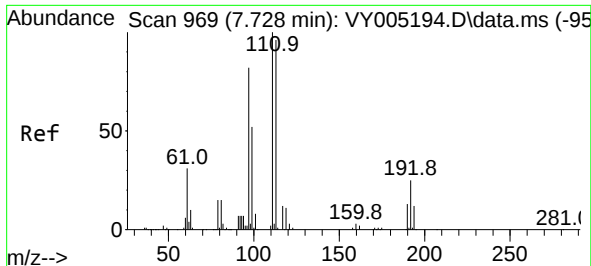
Tgt Ion: 65 Resp: 4851
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

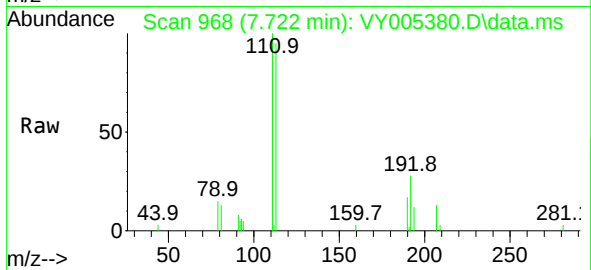
Tgt Ion: 114 Resp: 20920
Ion Ratio Lower Upper
114 100
63 12.2 0.0 35.2
88 12.7 0.0 29.4



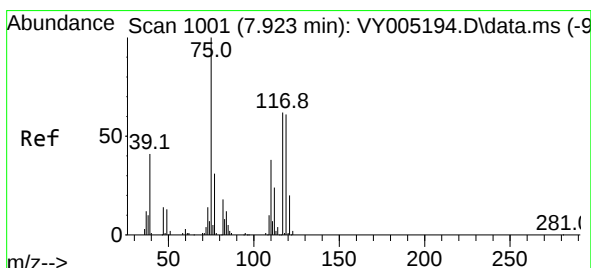
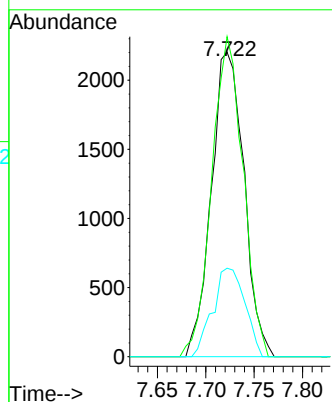
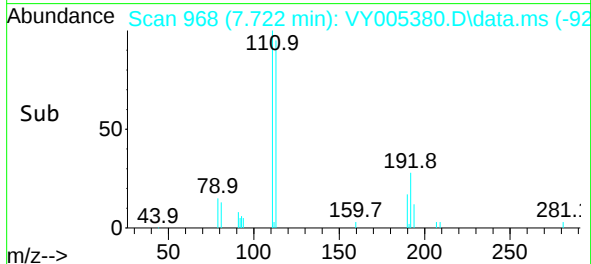


#35
Dibromofluoromethane
Concen: 41.953 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

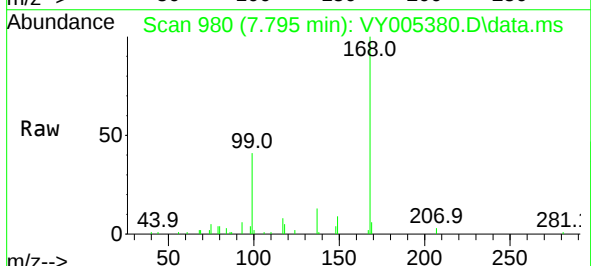
Instrument :
MSVOA_Y
ClientSampleId :



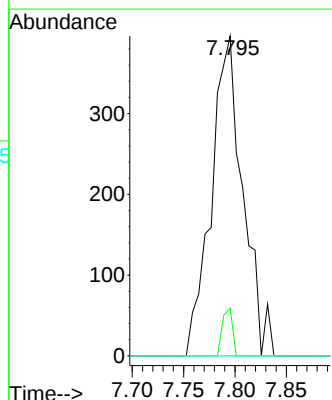
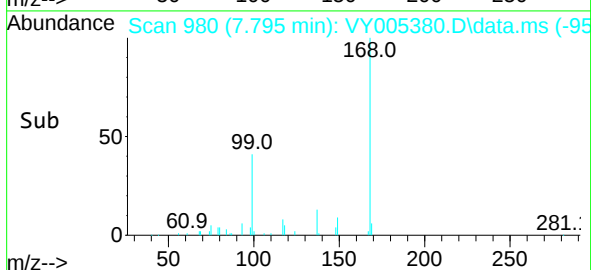
Tgt Ion:113 Resp: 5176
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 28.7 20.2 30.2

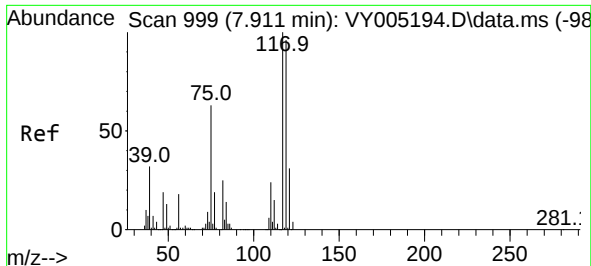


#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09



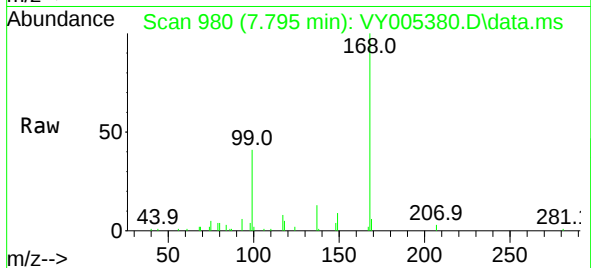
Tgt Ion: 75 Resp: 846
Ion Ratio Lower Upper
75 100
110 4.7 19.1 57.5#
77 0.0 25.2 37.8#



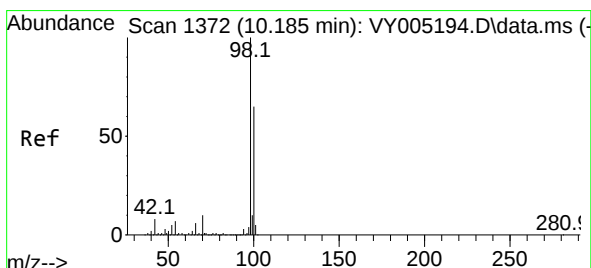
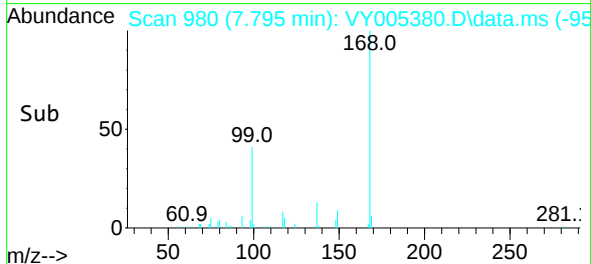
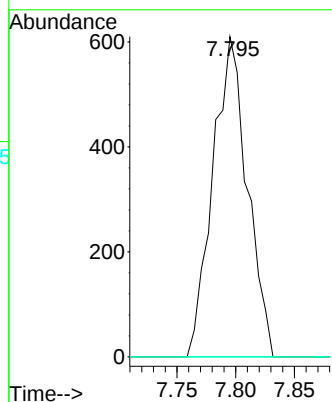


#38
Carbon Tetrachloride
Concen: 6.451 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

Instrument :
MSVOA_Y
ClientSampleId :

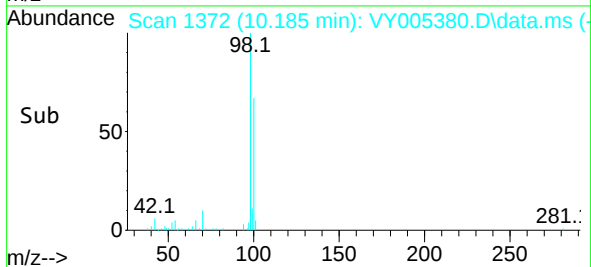
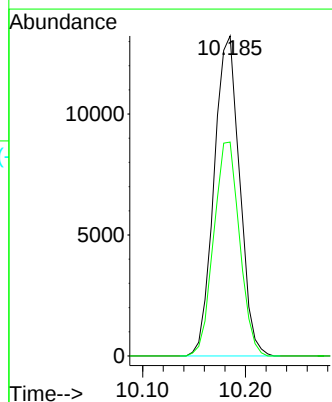
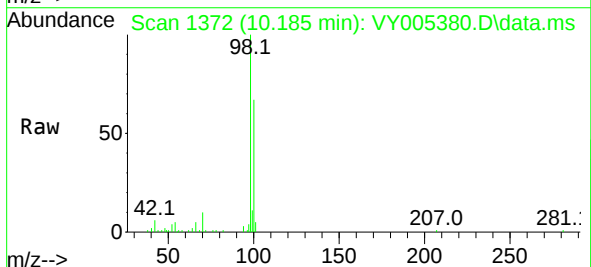


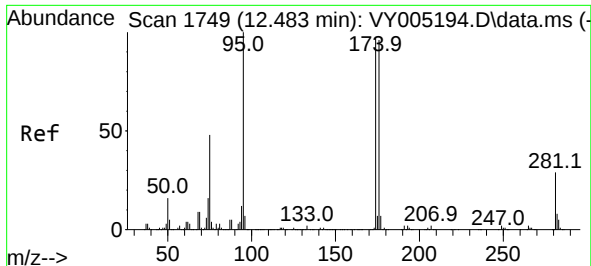
Tgt Ion:117 Resp: 1244
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 46.198 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

Tgt Ion: 98 Resp: 22794
Ion Ratio Lower Upper
98 100
100 67.7 51.9 77.9

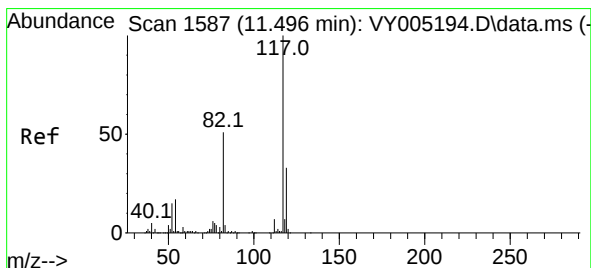
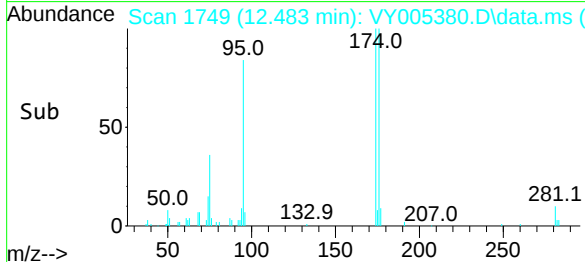
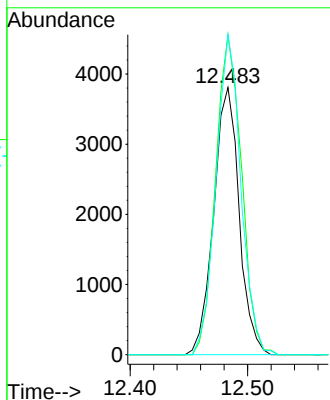
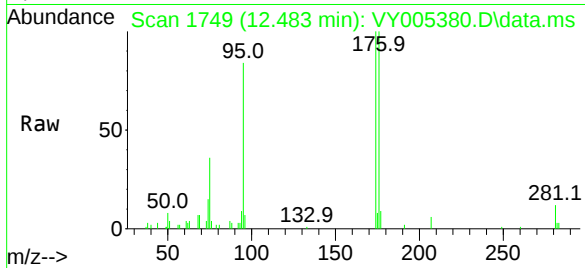




#62
4-Bromofluorobenzene
Concen: 34.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

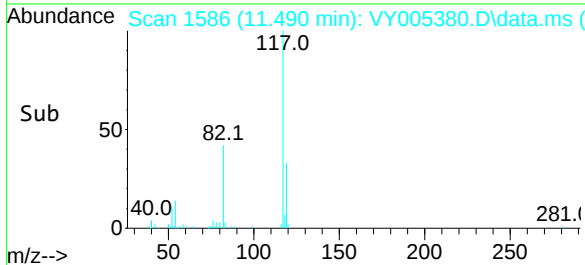
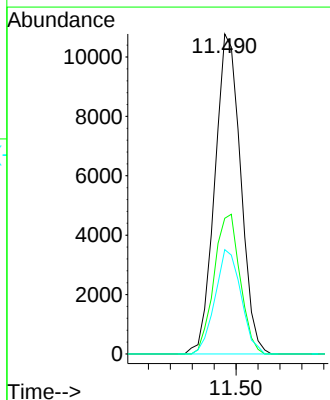
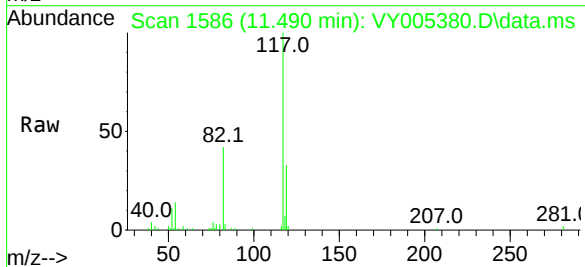
Instrument :
MSVOA_Y
ClientSampled :

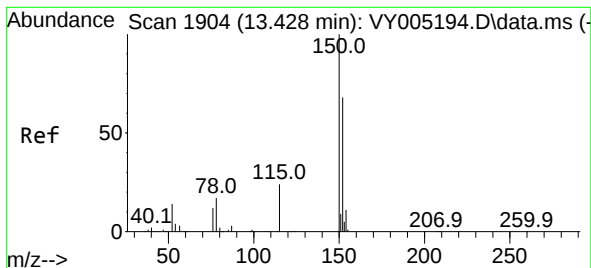
Tgt Ion: 95 Resp: 5738
Ion Ratio Lower Upper
95 100
174 121.5 0.0 201.6
176 117.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

Tgt Ion: 117 Resp: 17654
Ion Ratio Lower Upper
117 100
82 42.4 40.6 60.8
119 32.6 26.1 39.1

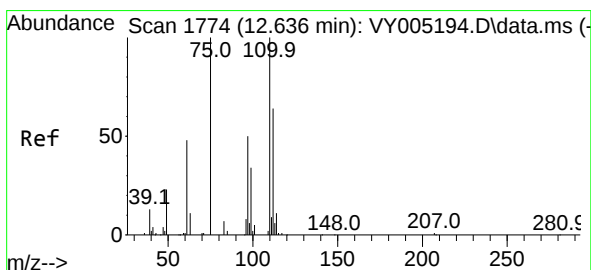
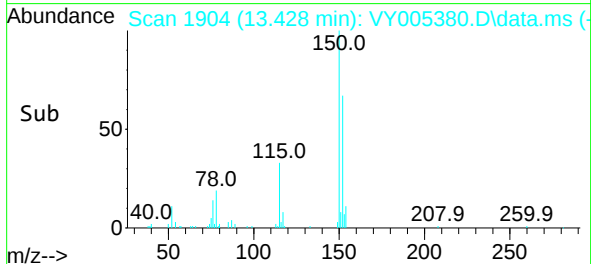
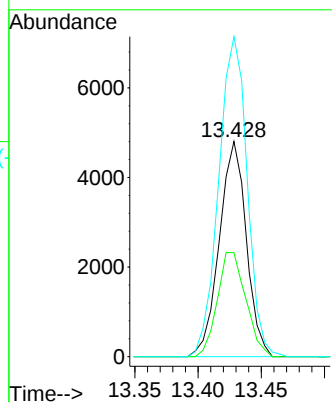
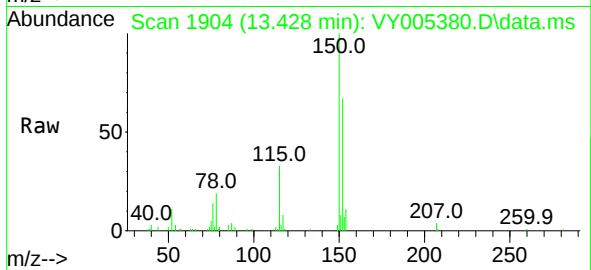




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

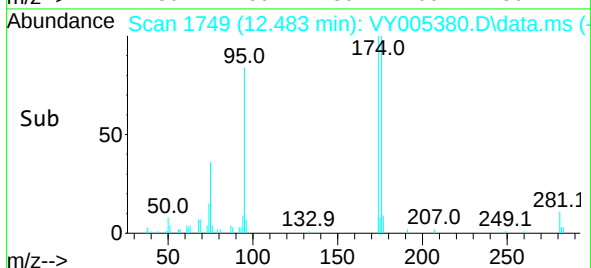
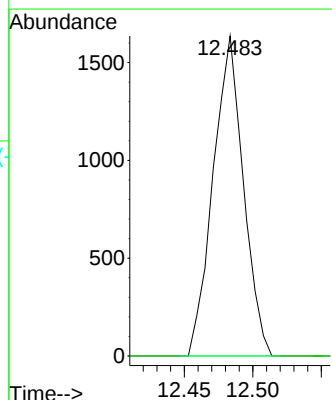
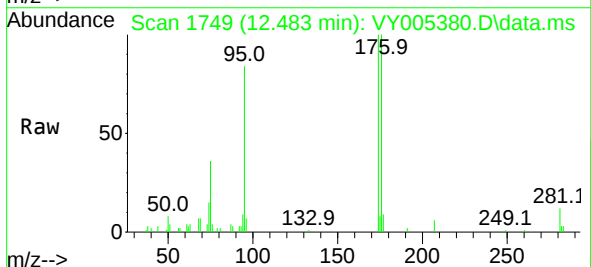
Instrument :
MSVOA_Y
ClientSampled :

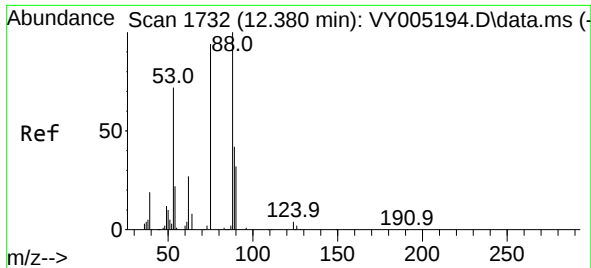
Tgt Ion:152 Resp: 7131
Ion Ratio Lower Upper
152 100
115 51.0 26.3 78.8
150 156.6 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 39.782 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

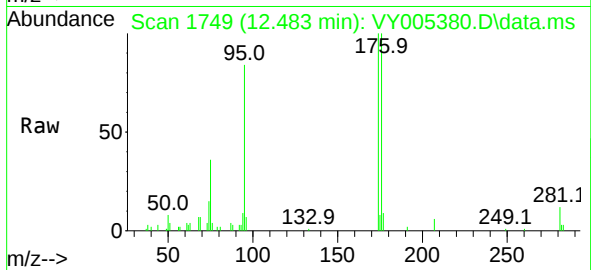
Tgt Ion: 75 Resp: 2516
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 74.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005380.D
Acq: 07 Jul 2021 21:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	2516
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	38.0	57.0#

