

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005738.D
 Acq On : 18 Aug 2021 14:35
 Operator : SY/MD
 Sample : M3430-05
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Quant Time: Aug 19 05:17:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

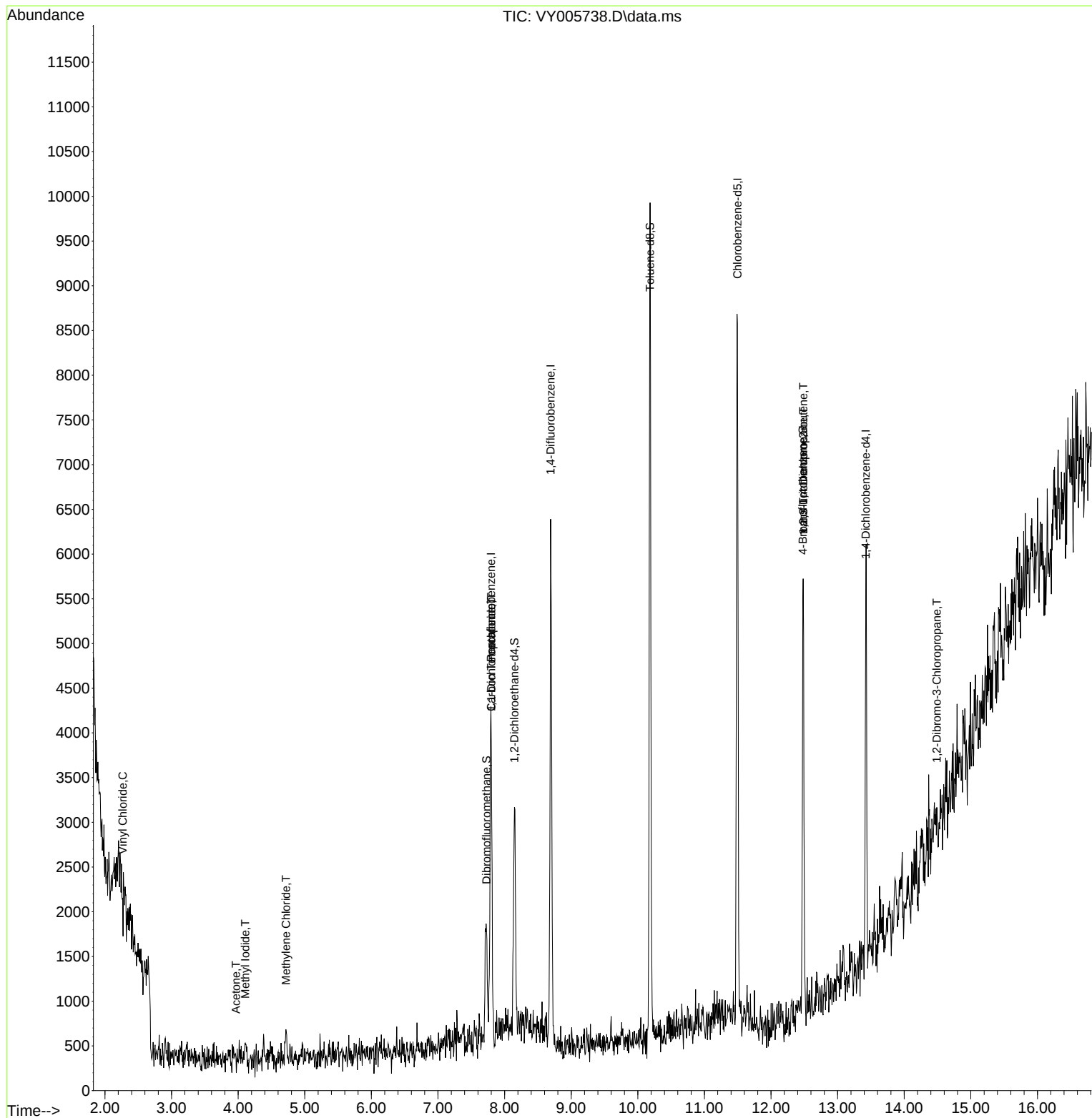
Internal Standards						
1) Pentafluorobenzene	7.795	168	2994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2196	72.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.920%
35) Dibromofluoromethane	7.728	113	992	36.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.340%
50) Toluene-d8	10.185	98	6149	53.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.477	95	1665	43.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.420%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.266	62	85	2.416	ug/l	# 42
10) Methyl Iodide	4.107	142	241	7.571	ug/l	# 85
16) Acetone	3.967	43	38	4.973	ug/l	# 45
20) Methylene Chloride	4.716	84	246	2.342	ug/l	# 40
36) 1,1-Dichloropropene	7.801	75	279	6.072	ug/l	# 41
38) Carbon Tetrachloride	7.801	117	300	6.007	ug/l	# 13
76) 1,2,3-Trichloropropane	12.483	75	897	69.918	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	897	140.946	ug/l	# 11
92) 1,2-Dibromo-3-Chloropr...	14.489	75	23	7.300	ug/l	# 1

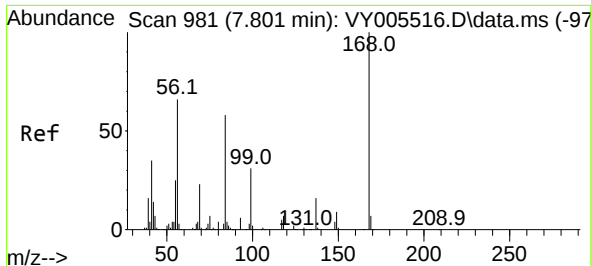
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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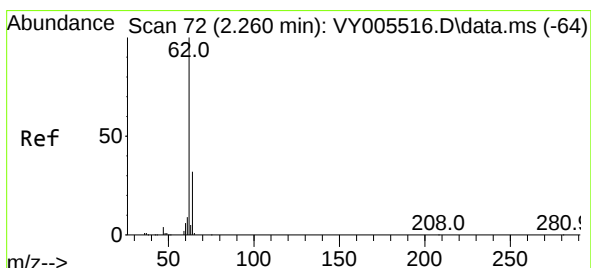
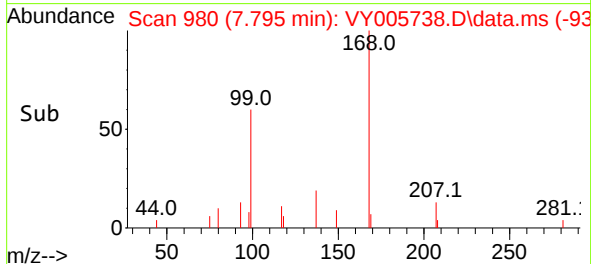
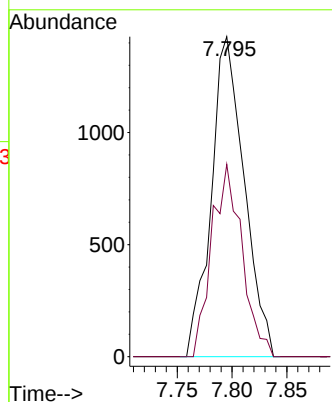
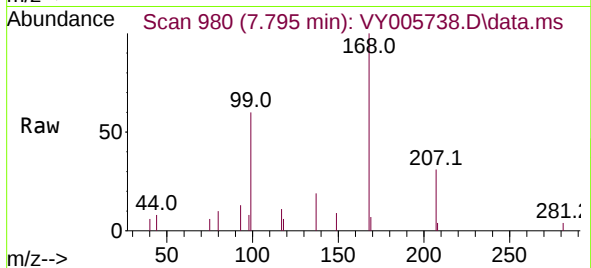




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

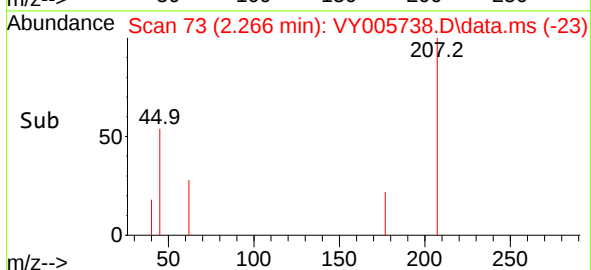
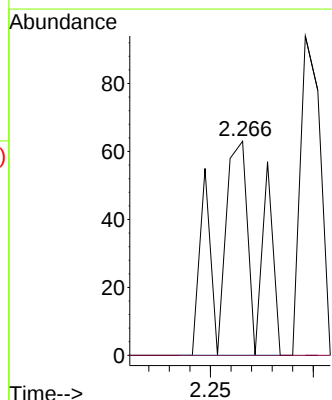
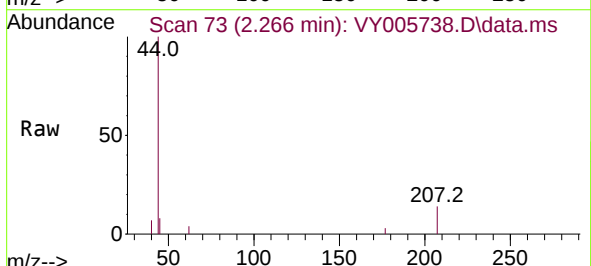
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

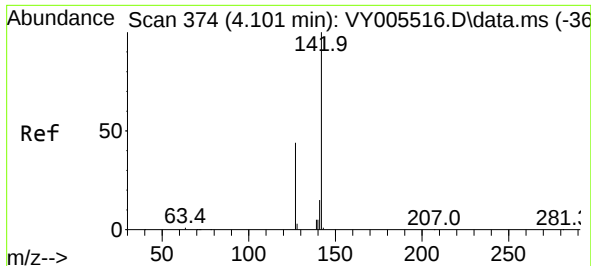
Tgt Ion:168 Resp: 2994
Ion Ratio Lower Upper
168 100
99 60.1 38.9 58.3#



#4
Vinyl Chloride
Concen: 2.416 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

Tgt Ion: 62 Resp: 85
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

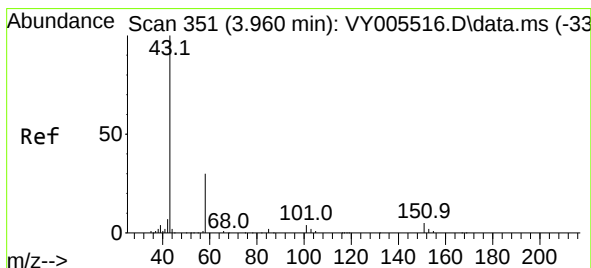
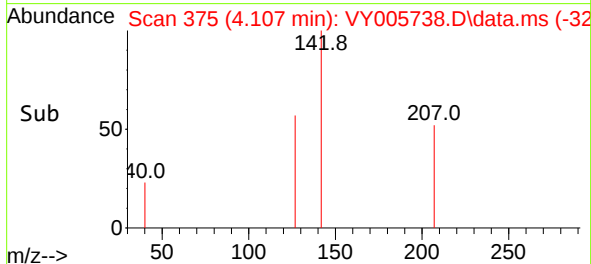
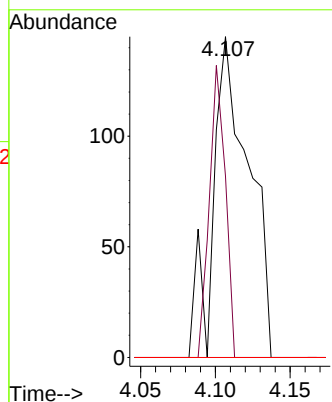
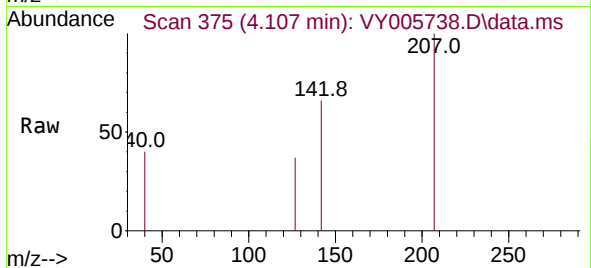




#10
Methyl Iodide
Concen: 7.571 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

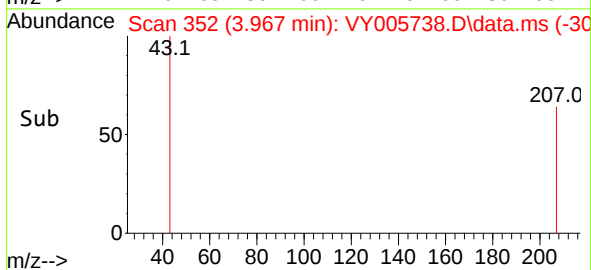
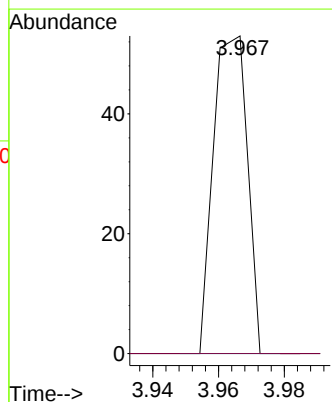
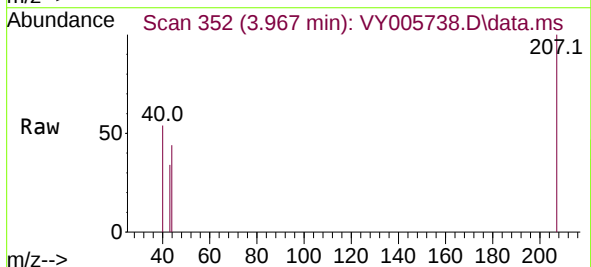
Instrument :
MSVOA_Y
ClientSampled :
PE-5

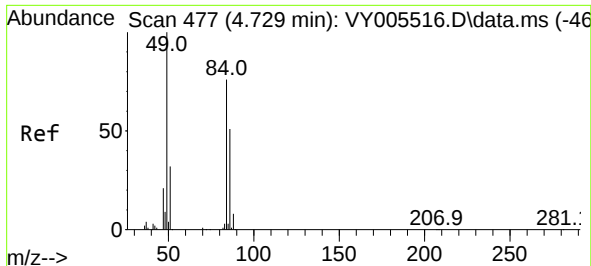
Tgt Ion:	142	Resp:	241
Ion	Ratio	Lower	Upper
142	100		
127	40.7	36.6	54.8
141	0.0	12.2	18.4#



#16
Acetone
Concen: 4.973 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

Tgt Ion:	43	Resp:	38
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#

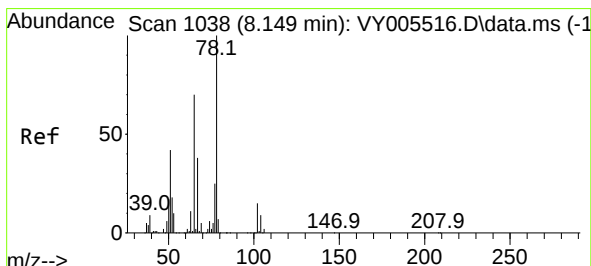
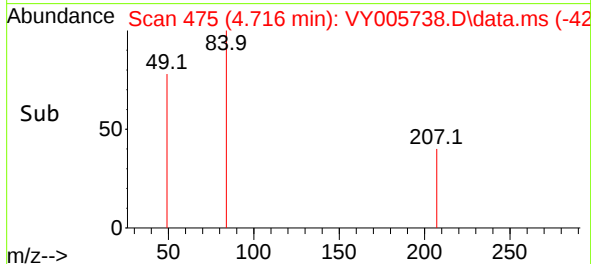
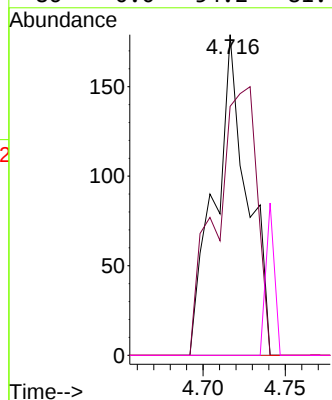
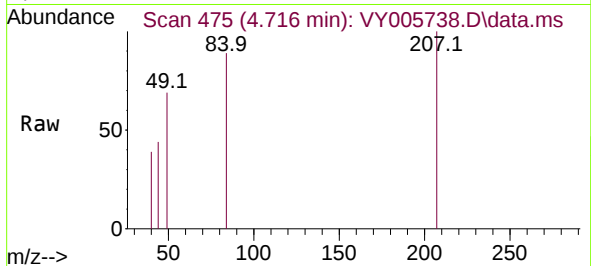




#20
Methylene Chloride
Concen: 2.342 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

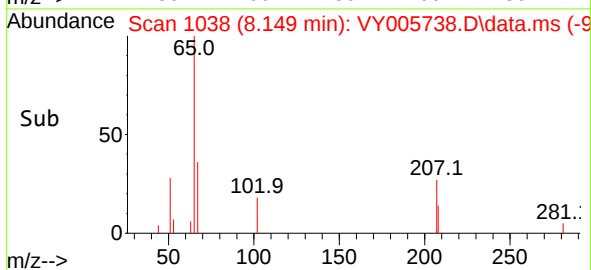
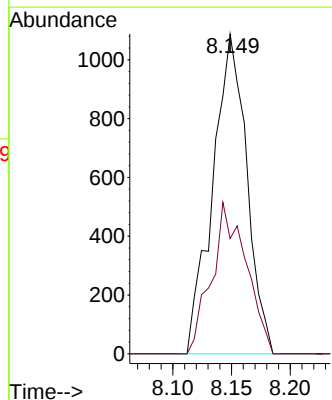
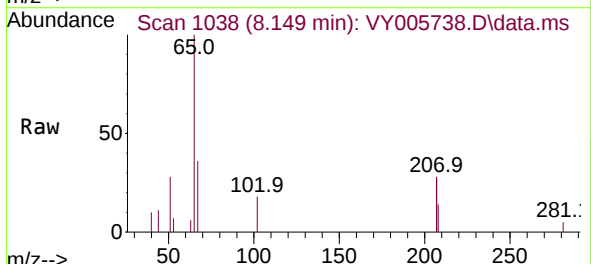
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

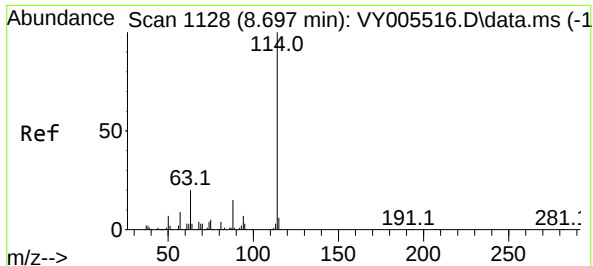
Tgt Ion:	84	Resp:	246
Ion	Ratio	Lower	Upper
84	100		
49	77.7	105.8	158.6#
51	0.0	33.4	50.2#
86	0.0	54.2	81.4#



#33
1,2-Dichloroethane-d4
Concen: 72.459 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

Tgt Ion:	65	Resp:	2196
Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	103.4

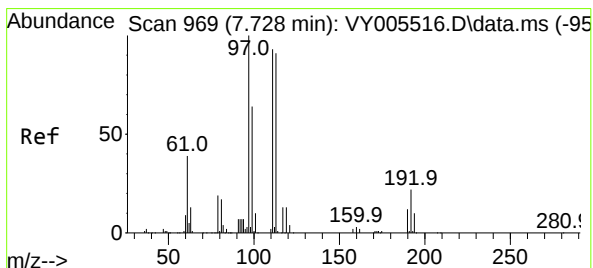
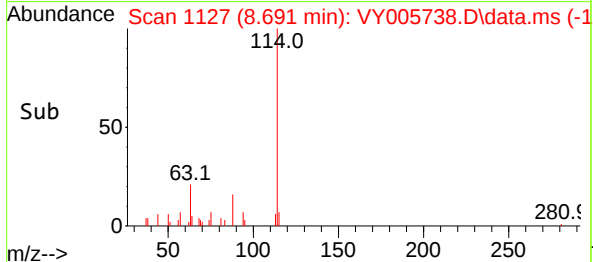
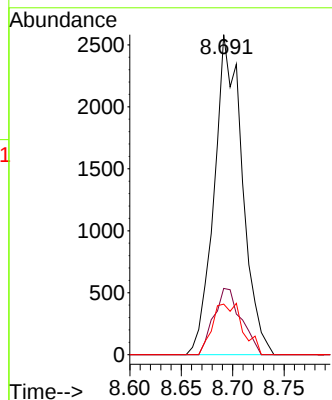
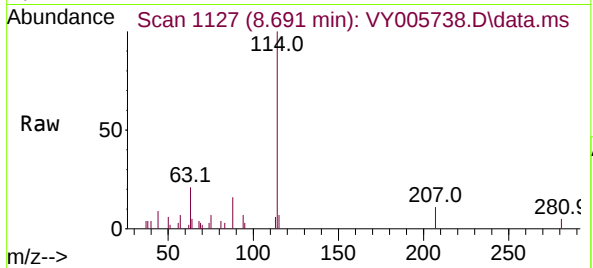




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

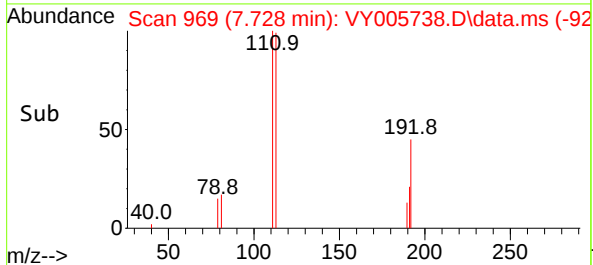
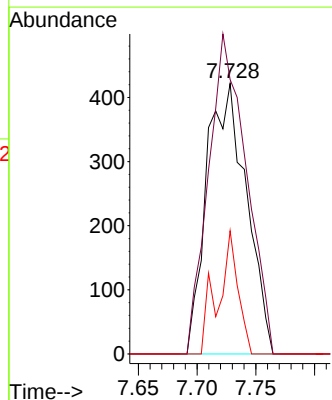
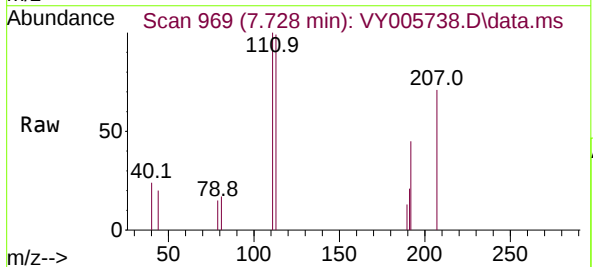
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Tgt Ion:	114	Resp:	4899
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.2
88	15.8	0.0	30.8



#35
Dibromofluoromethane
Concen: 36.167 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

Tgt Ion:	113	Resp:	992
Ion	Ratio	Lower	Upper
113	100		
111	112.6	81.9	122.9
192	23.0	19.2	28.8





#36

1,1-Dichloropropene

Concen: 6.072 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY005738.D

Acq: 18 Aug 2021 14:35

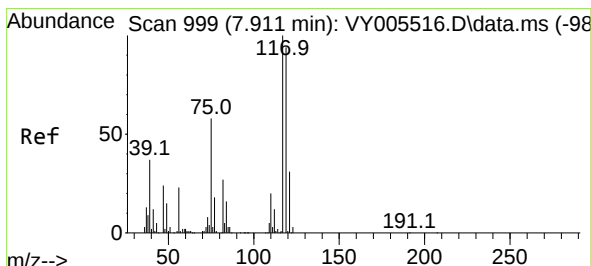
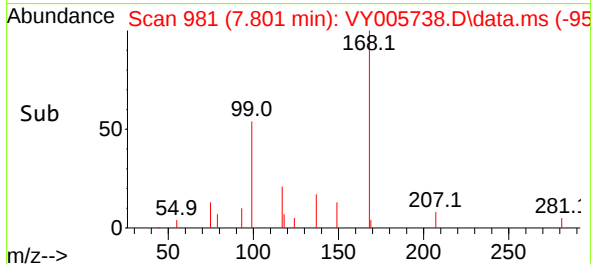
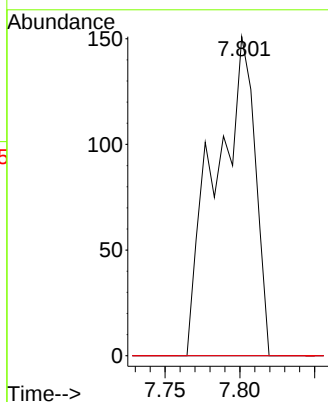
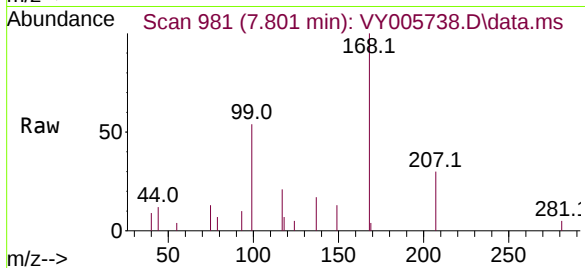
Instrument :

MSVOA_Y

ClientSampleId :

PE-5

Tgt Ion:	75	Resp:	279
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.007 ug/l

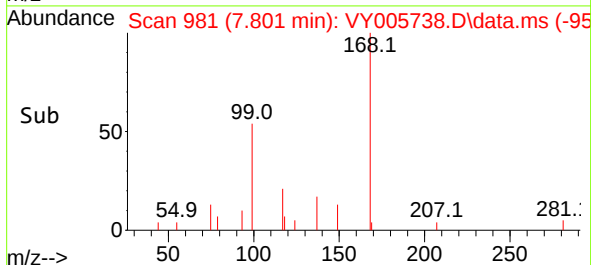
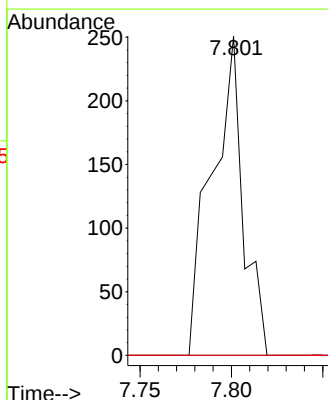
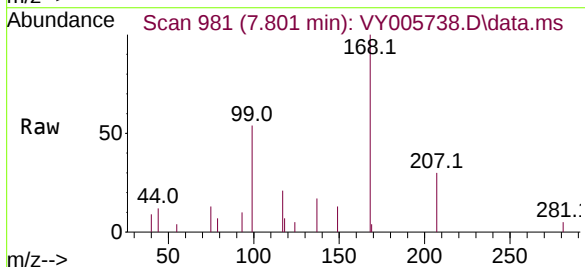
RT: 7.801 min Scan# 981

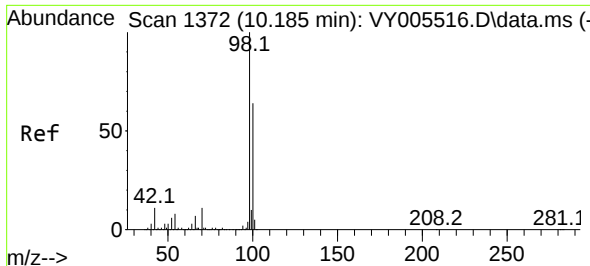
Delta R.T. -0.110 min

Lab File: VY005738.D

Acq: 18 Aug 2021 14:35

Tgt Ion:	117	Resp:	300
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.1	37.7#

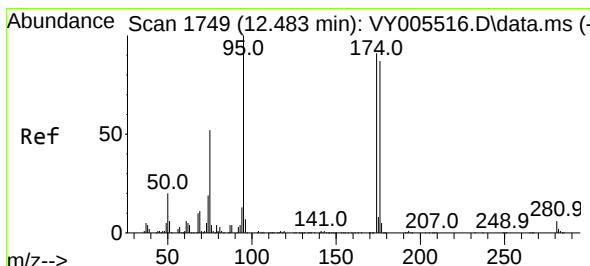
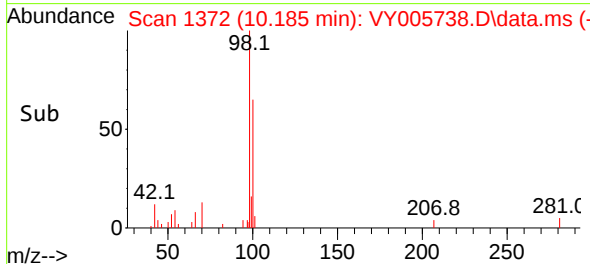
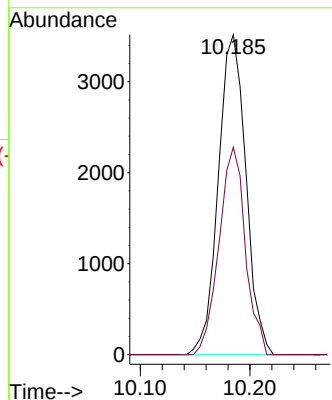
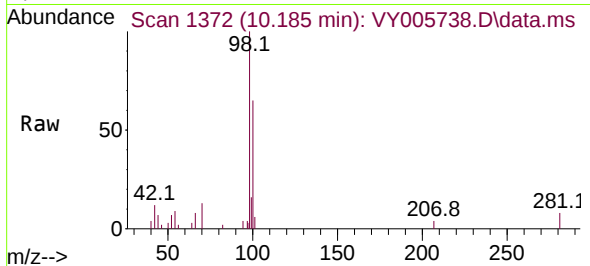




#50
Toluene-d8
Concen: 53.454 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

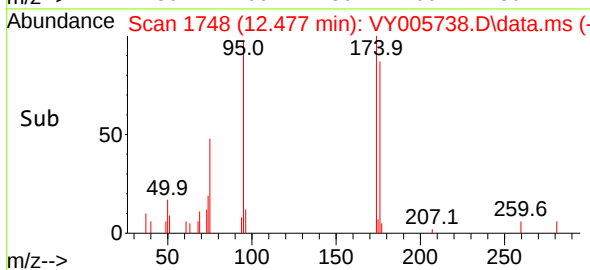
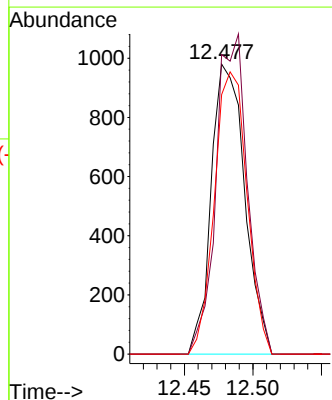
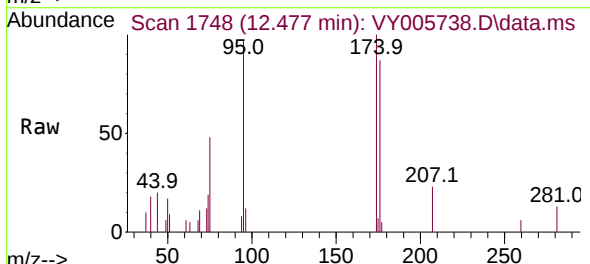
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

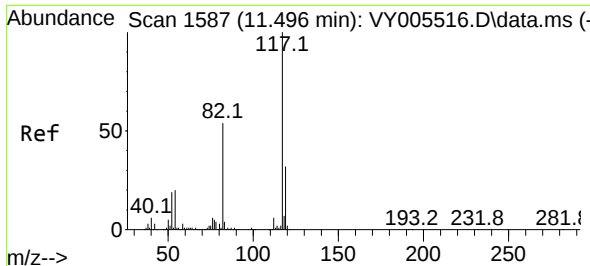
Tgt Ion: 98 Resp: 6149
Ion Ratio Lower Upper
98 100
100 61.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

Tgt Ion: 95 Resp: 1665
Ion Ratio Lower Upper
95 100
174 103.1 0.0 191.4
176 95.1 0.0 183.6

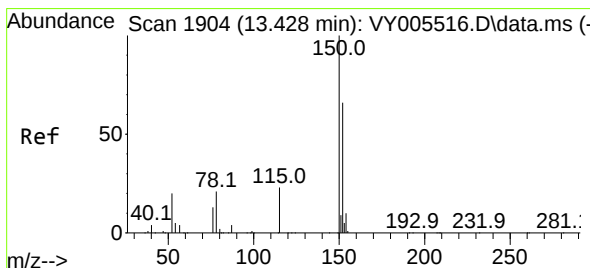
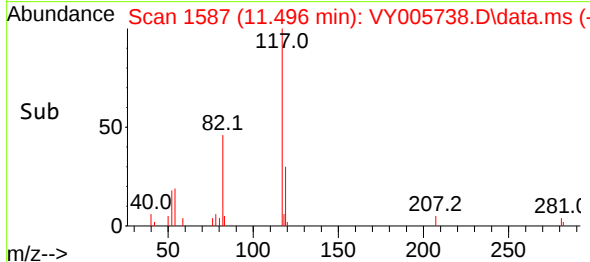
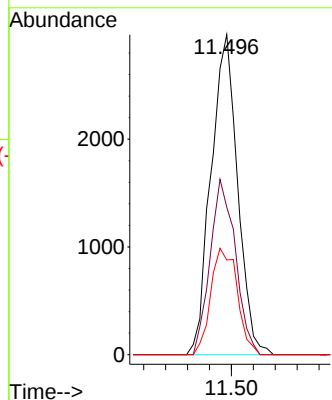
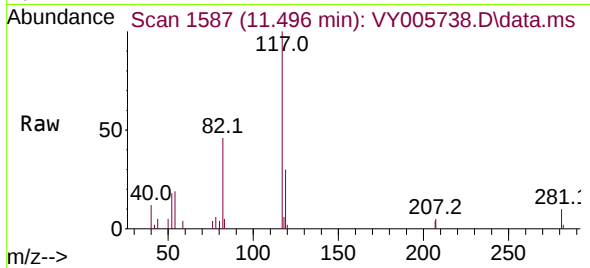




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

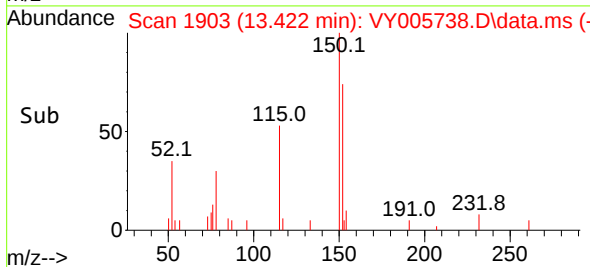
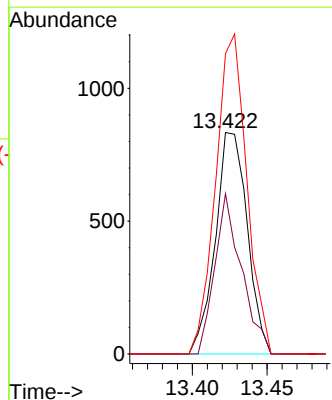
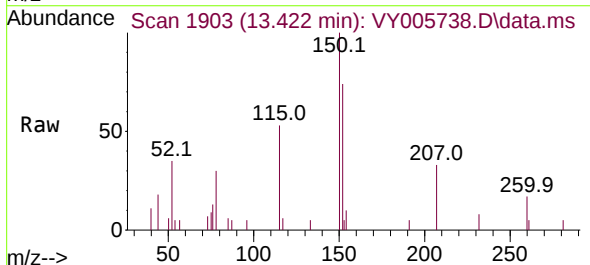
Instrument :
MSVOA_Y
ClientSampled :
PE-5

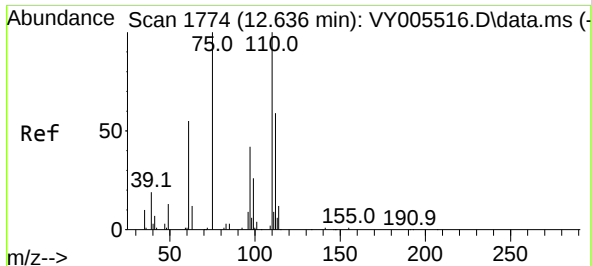
Tgt Ion:	117	Resp:	4996
Ion	Ratio	Lower	Upper
117	100		
82	46.1	43.5	65.3
119	29.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

Tgt Ion:	152	Resp:	1238
Ion	Ratio	Lower	Upper
152	100		
115	60.3	27.3	81.9
150	140.8	0.0	350.2

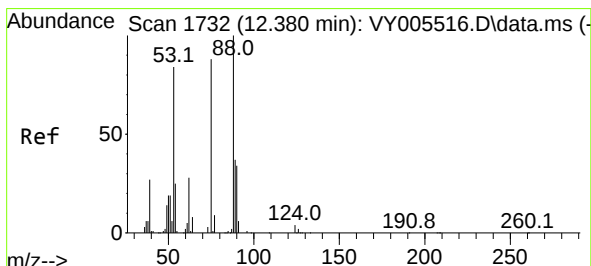
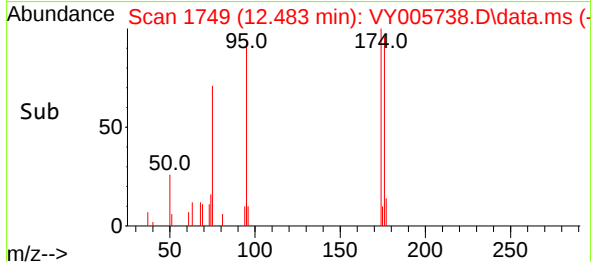
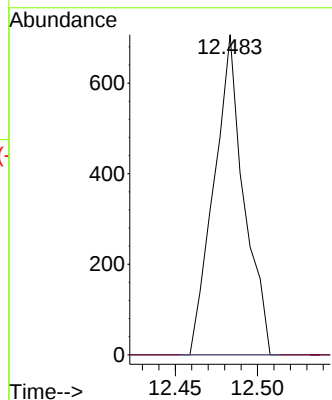
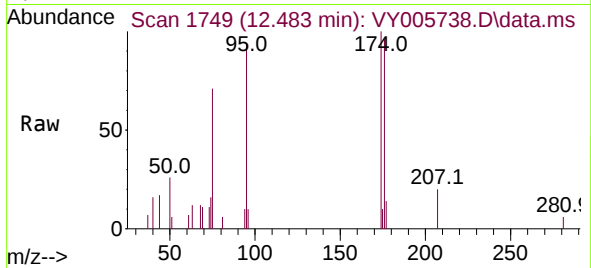




#76
1,2,3-Trichloropropane
Concen: 69.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

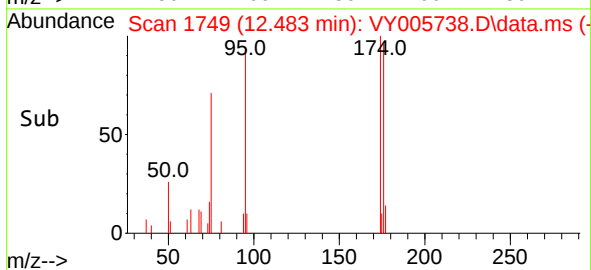
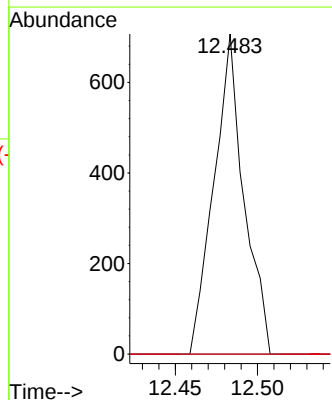
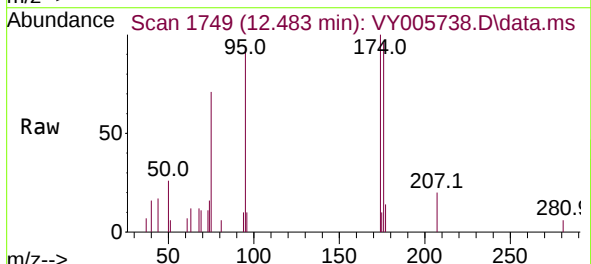
Instrument :
MSVOA_Y
ClientSampled :
PE-5

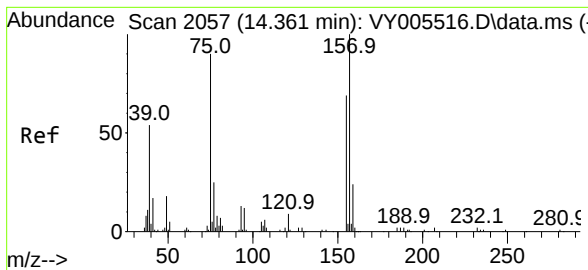
Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 140.946 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005738.D
Acq: 18 Aug 2021 14:35

Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.300 ug/l
 RT: 14.489 min Scan# 2078
 Delta R.T. 0.128 min
 Lab File: VY005738.D
 Acq: 18 Aug 2021 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Tgt Ion:	75	Resp:	23
Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.4	127.1#
157	0.0	56.0	168.2#

