

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018330.D
 Acq On : 12 Mar 2021 21:36
 Operator : SY/VA
 Sample : VW0314SBL07
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0314SBL07

Quant Time: Mar 13 05:01:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:56:13 2021
 Response via : Initial Calibration

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

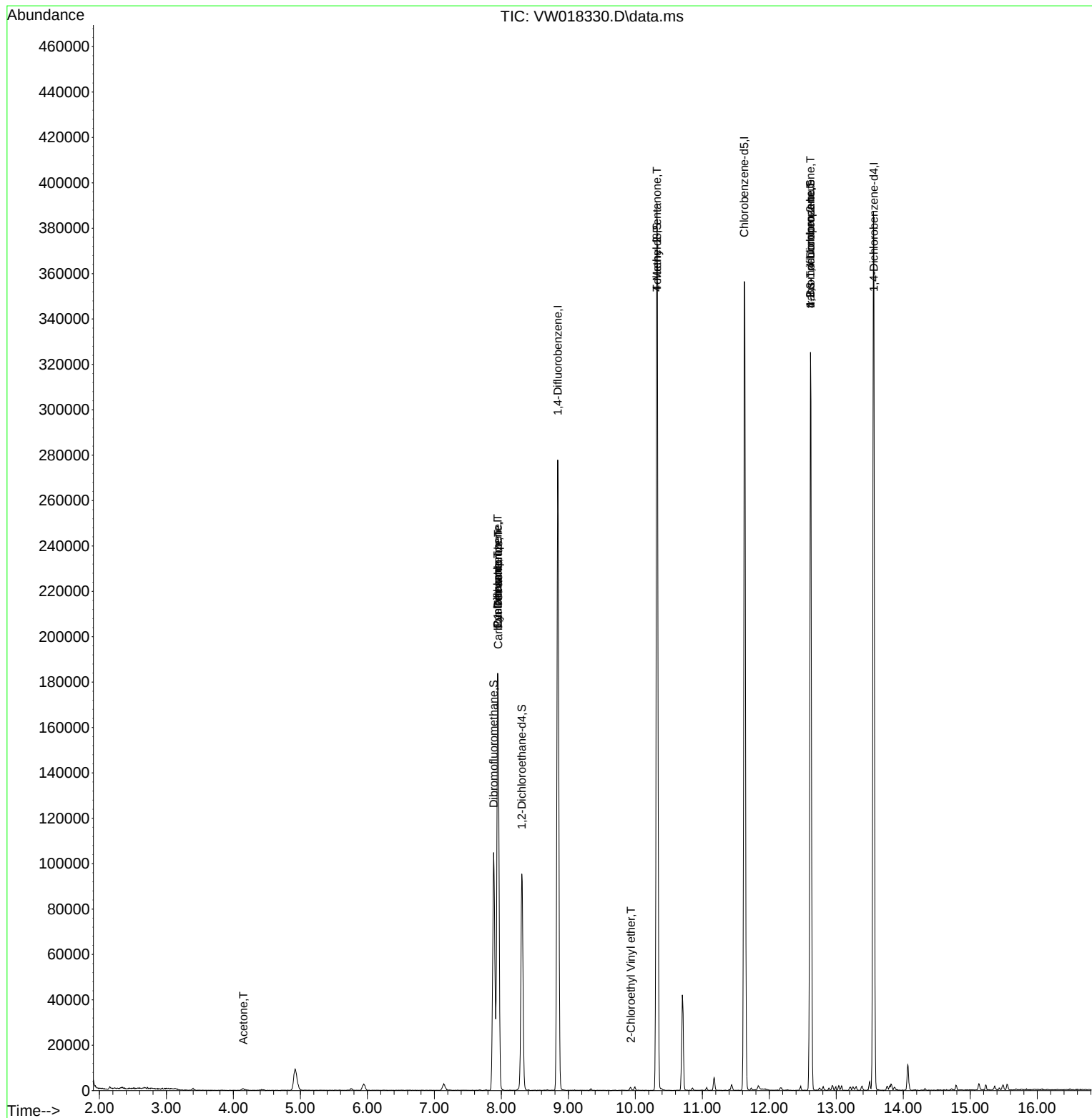
Internal Standards						
1) Pentafluorobenzene	7.945	168	124618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	230279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	203212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	94770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	79558	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	7.885	113	71222	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
50) Toluene-d8	10.323	98	261694	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.615	95	100033	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
Target Compounds						
						Qvalue
16) Acetone	4.147	43	1727	8.15	ug/l	97
20) Methylene Chloride	4.928	84	8944	Below	Cal	97
31) Cyclohexane	7.945	56	3321	1.42	ug/l #	43
36) 1,1-Dichloropropene	7.945	75	11138	4.46	ug/l #	51
38) Carbon Tetrachloride	7.952	117	14765	5.59	ug/l #	17
51) 4-Methyl-2-Pentanone	10.323	43	1052	1.40	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.933	63	718	1.02	ug/l #	84
76) 1,2,3-Trichloropropane	12.615	75	53902	60.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	53902	151.48	ug/l #	6

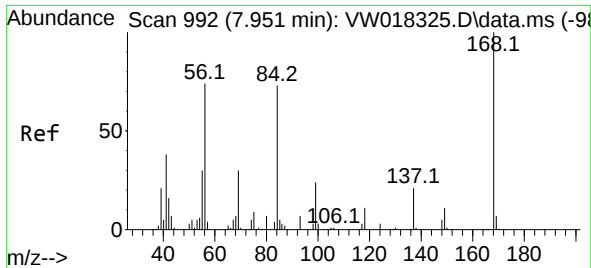
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
Data File : VW018330.D
Acq On : 12 Mar 2021 21:36
Operator : SY/VA
Sample : VW0314SBL07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0314SBL07

Quant Time: Mar 13 05:01:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 13 04:56:13 2021
Response via : Initial Calibration

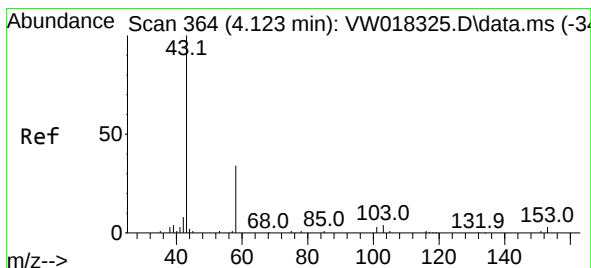
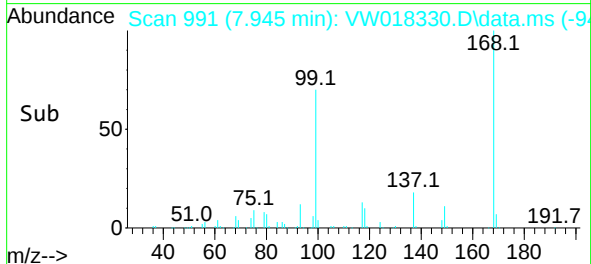
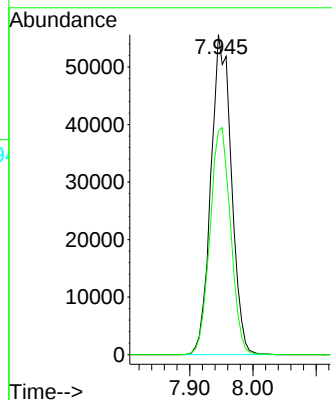
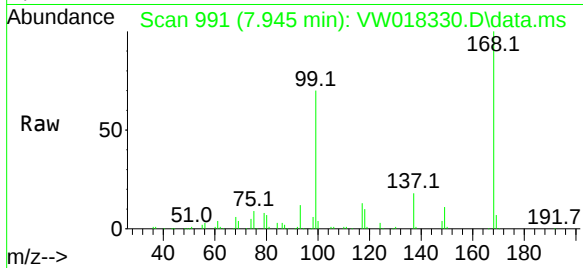




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

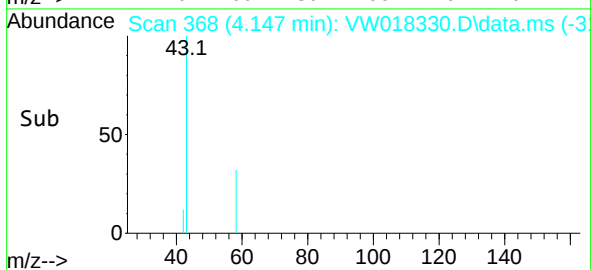
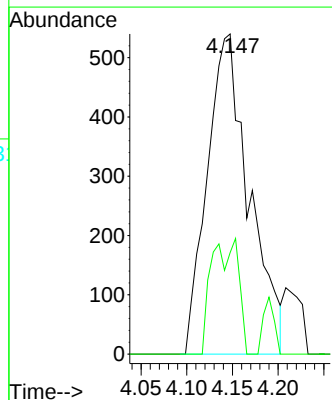
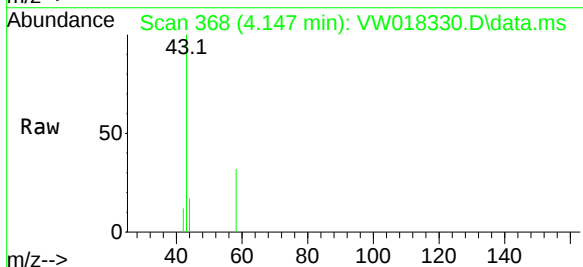
Instrument :
MSVOA_W
ClientSampleId :
VW0314SBL07

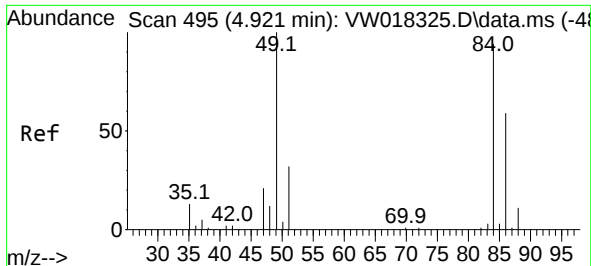
Tgt Ion:168 Resp: 124618
Ion Ratio Lower Upper
168 100
99 69.9 60.8 91.2



#16
Acetone
Concen: 8.15 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.025 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
58 31.7 26.9 40.3

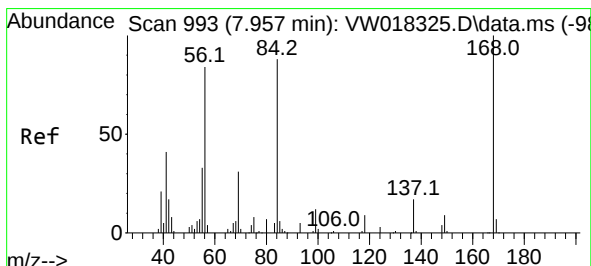
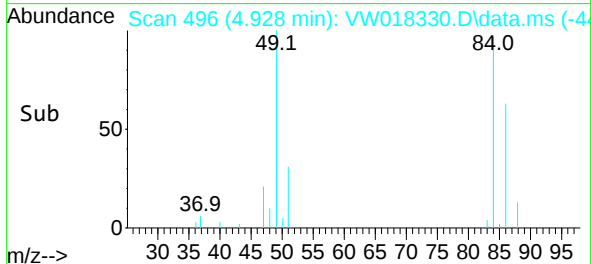
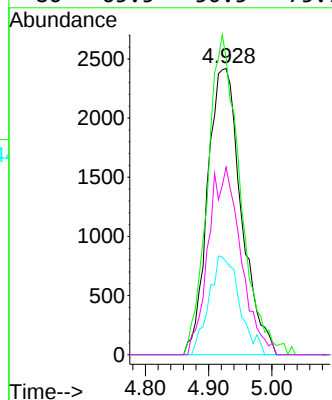
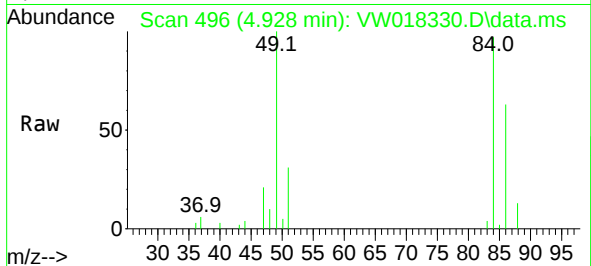




#20
Methylene Chloride
Concen: Below Cal
RT: 4.928 min Scan# 496
Delta R.T. 0.007 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

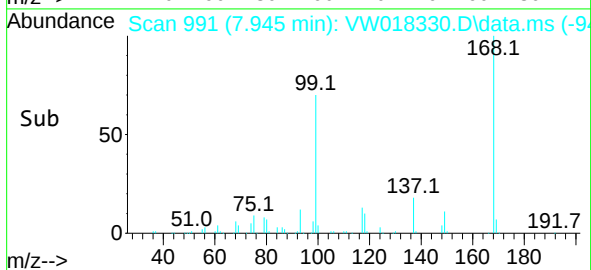
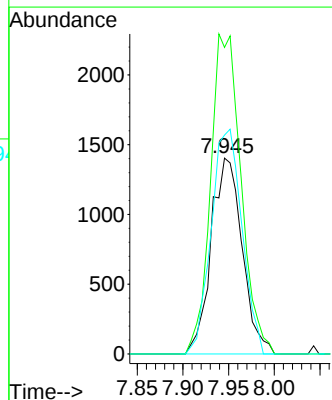
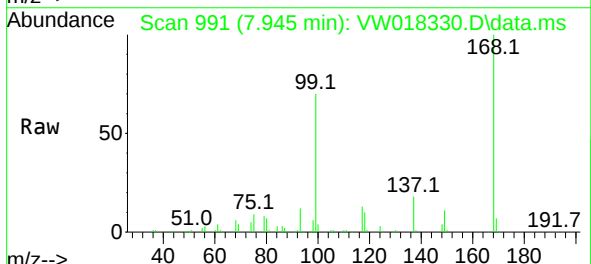
Instrument :
MSVOA_W
ClientSampleId :
VW0314SBL07

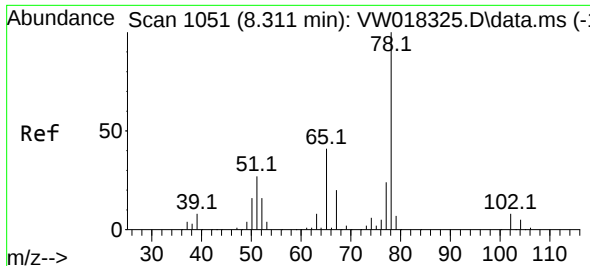
Tgt Ion:	84	Resp:	8944
Ion	Ratio	Lower	Upper
84	100		
49	103.6	85.1	127.7
51	32.5	27.4	41.0
86	65.5	50.5	75.7



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

Tgt Ion:	56	Resp:	3321
Ion	Ratio	Lower	Upper
56	100		
69	156.6	29.9	44.9#
84	111.8	83.8	125.6

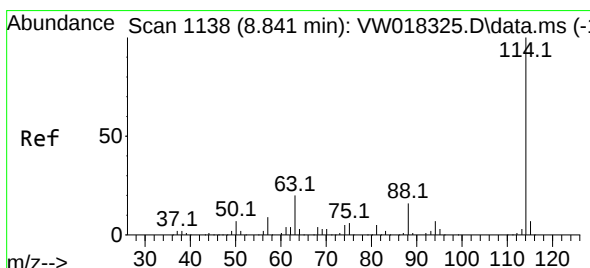
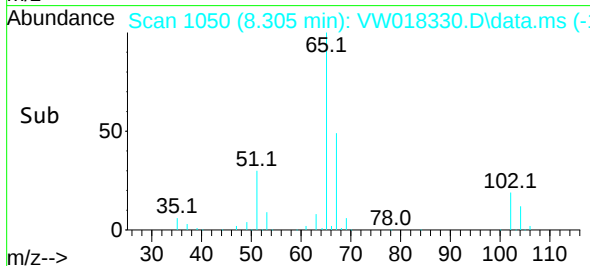
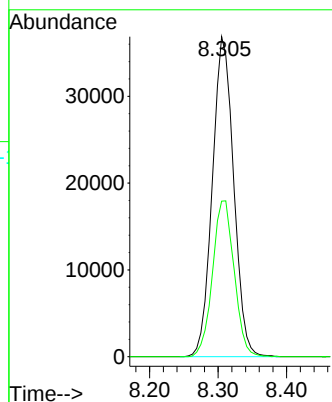
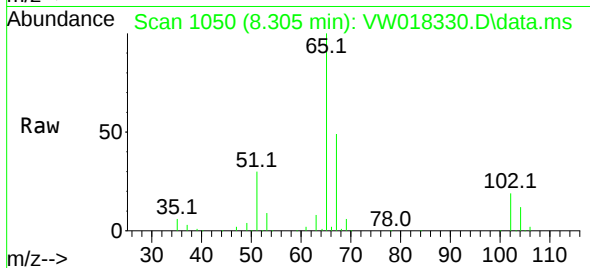




#33
 1,2-Dichloroethane-d4
 Concen: 50.76 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.006 min
 Lab File: VW018330.D
 Acq: 12 Mar 2021 21:36

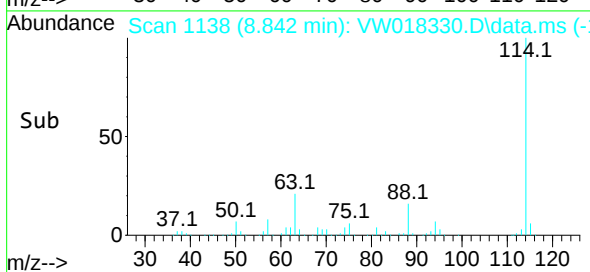
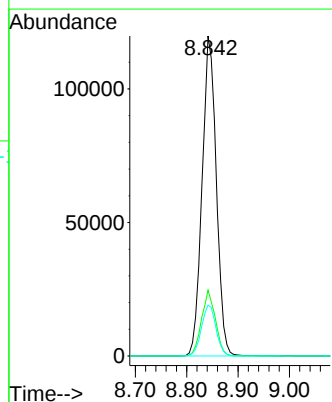
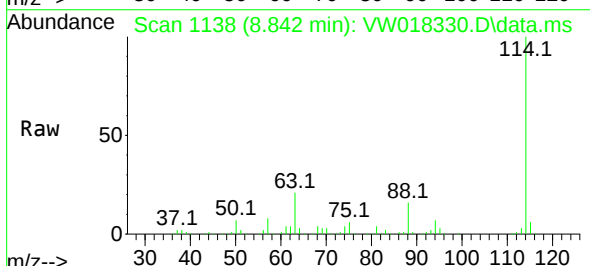
Instrument :
 MSVOA_W
 ClientSampled :
 VW0314SBL07

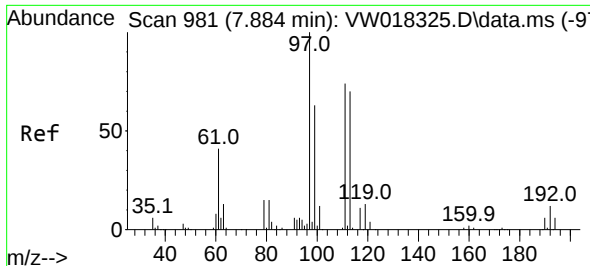
Tgt Ion: 65 Resp: 79558
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 96.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: VW018330.D
 Acq: 12 Mar 2021 21:36

Tgt Ion: 114 Resp: 230279
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.4
 88 15.9 0.0 32.0

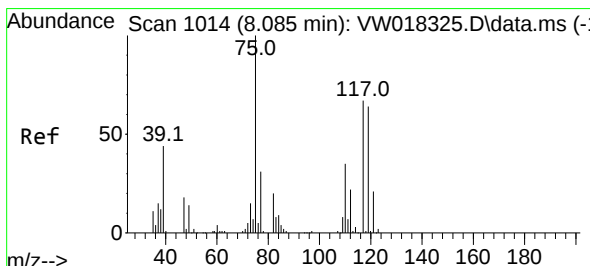
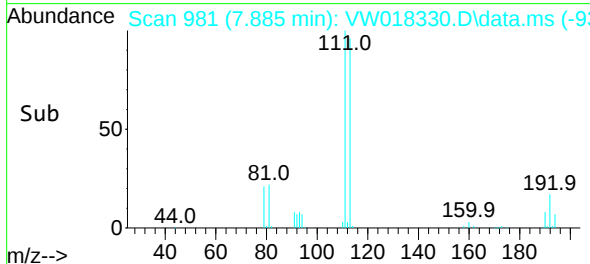
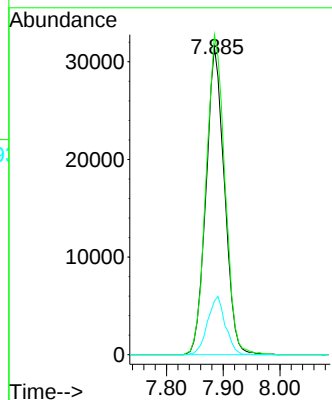
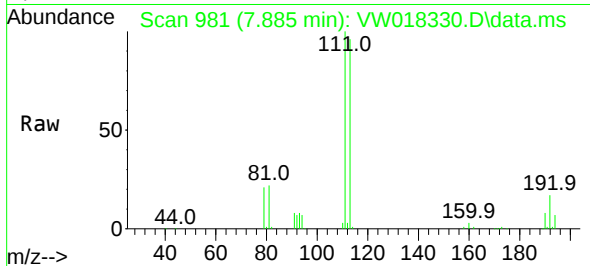




#35
Dibromofluoromethane
Concen: 45.43 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

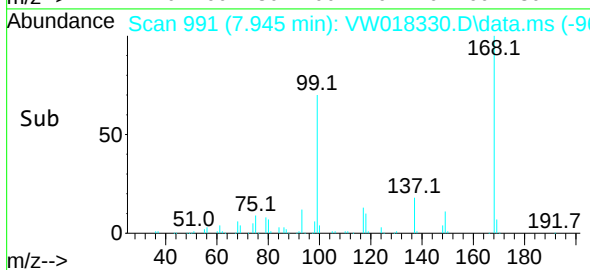
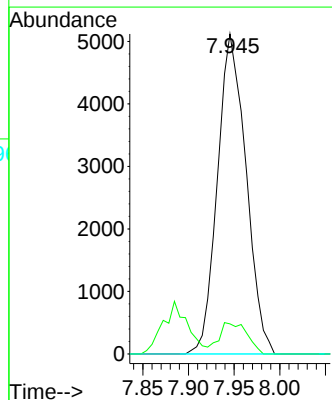
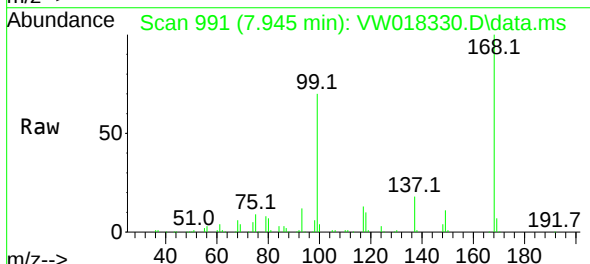
Instrument :
MSVOA_W
ClientSampleId :
VW0314SBL07

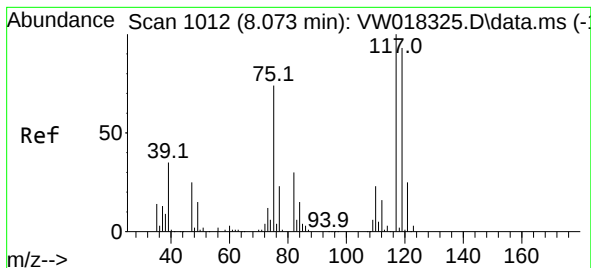
Tgt Ion:113 Resp: 71222
Ion Ratio Lower Upper
113 100
111 106.1 83.6 125.4
192 18.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

Tgt Ion: 75 Resp: 11138
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.59 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.122 min

Lab File: VW018330.D

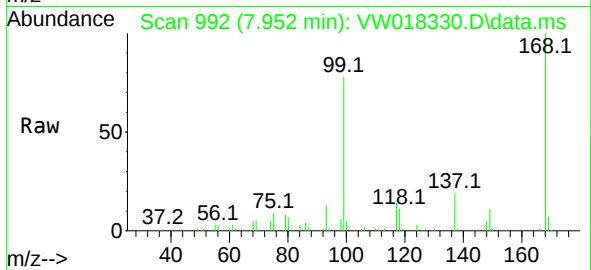
Acq: 12 Mar 2021 21:36

Instrument :

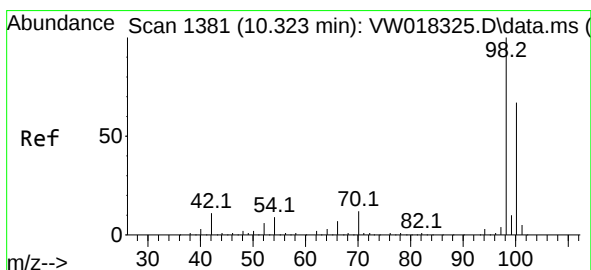
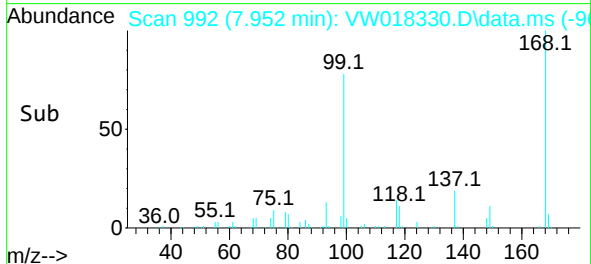
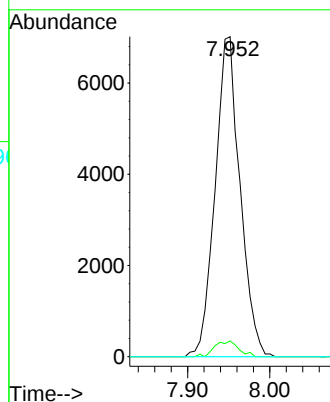
MSVOA_W

ClientSampleId :

VW0314SBL07



Tgt Ion:	117	Resp:	14765
Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.5	111.7#
121	0.0	20.3	30.5#



#50

Toluene-d8

Concen: 45.22 ug/l

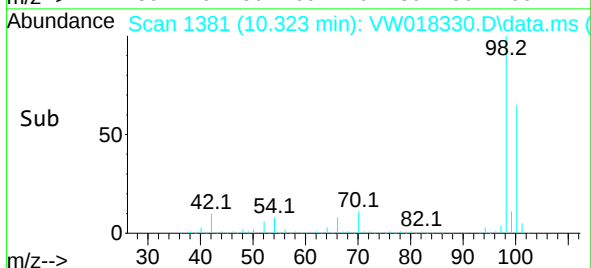
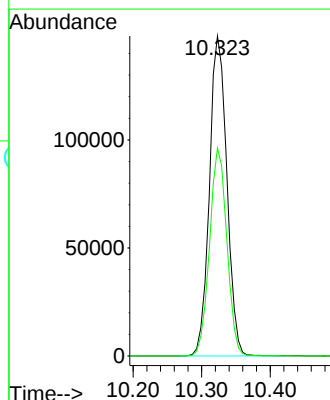
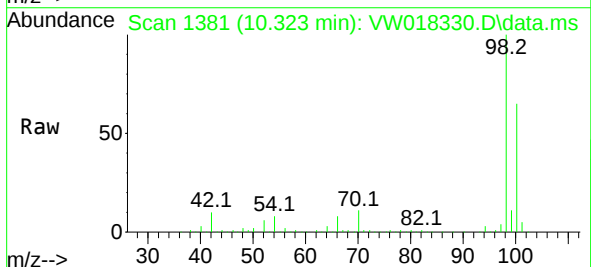
RT: 10.323 min Scan# 1381

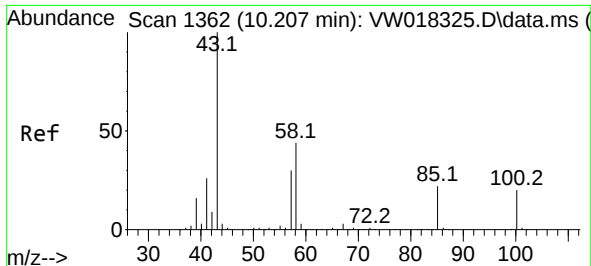
Delta R.T. 0.000 min

Lab File: VW018330.D

Acq: 12 Mar 2021 21:36

Tgt Ion:	98	Resp:	261694
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.8

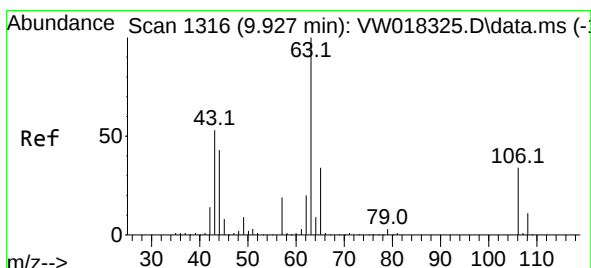
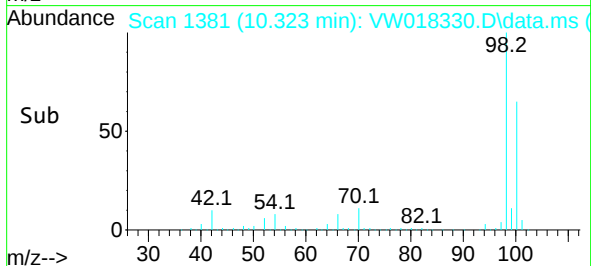
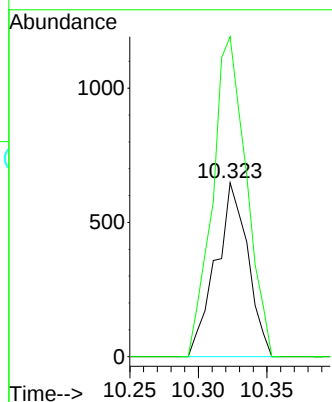
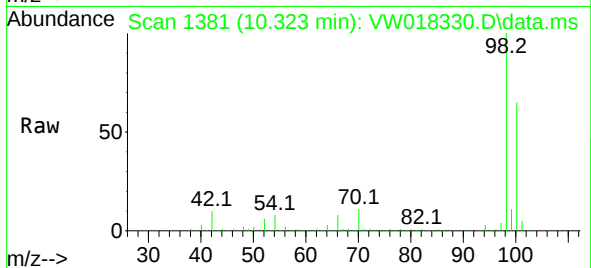




#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

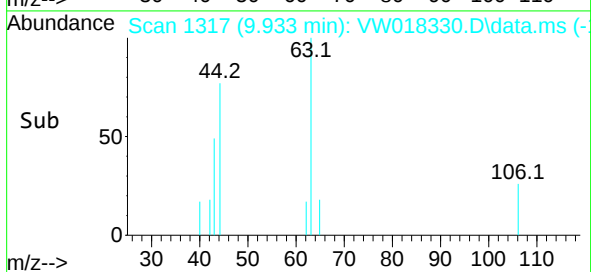
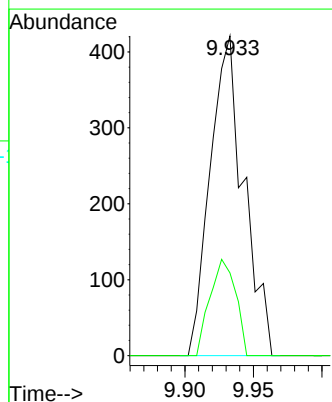
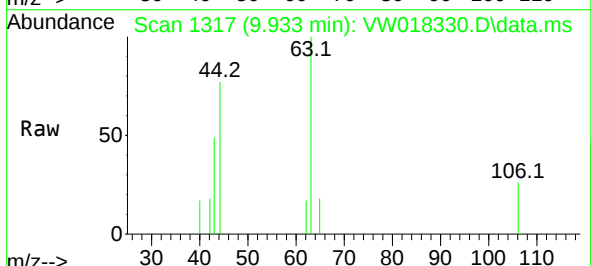
Instrument :
MSVOA_W
ClientSampleId :
VW0314SBL07

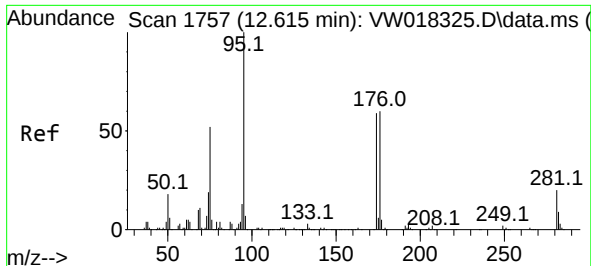
Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
58 193.7 35.4 53.0#



#58
2-Chloroethyl Vinyl ether
Concen: 1.02 ug/l
RT: 9.933 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

Tgt Ion: 63 Resp: 718
Ion Ratio Lower Upper
63 100
106 23.1 25.8 38.6#

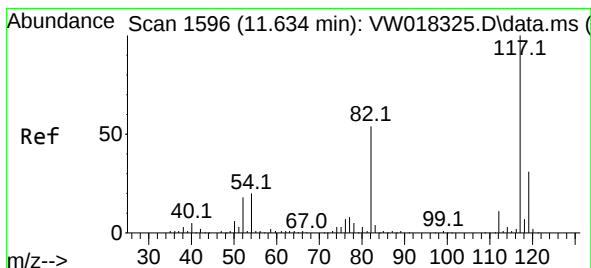
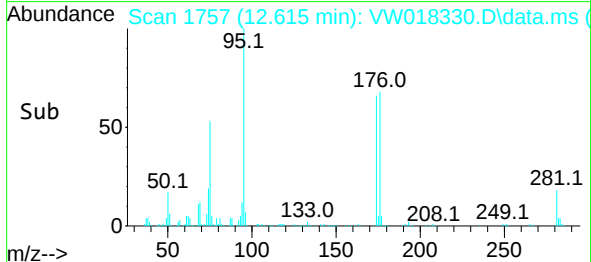
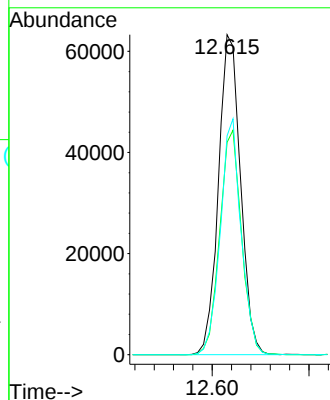
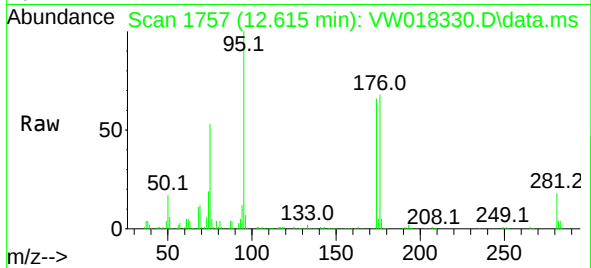




#62
4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

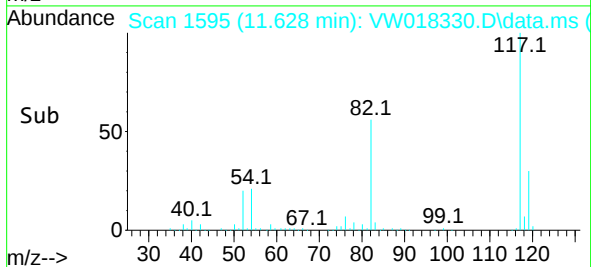
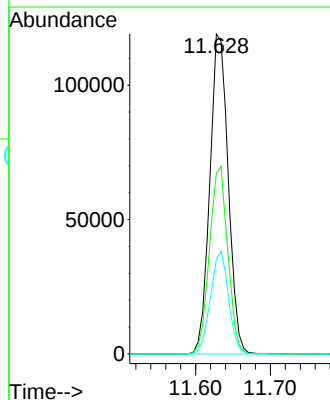
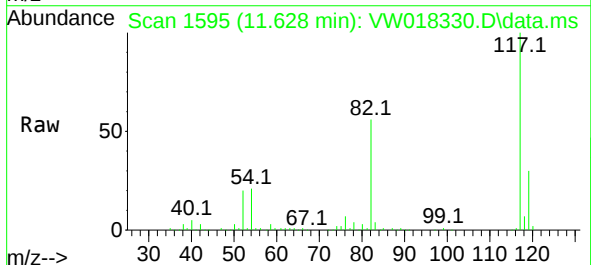
Instrument :
MSVOA_W
ClientSampleId :
VW0314SBL07

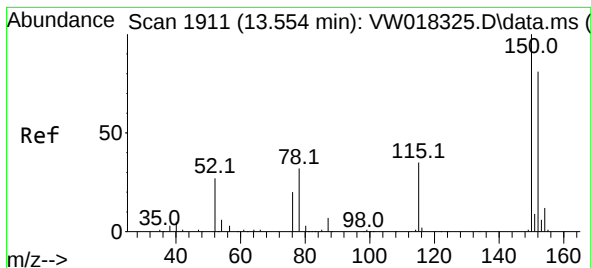
Tgt Ion: 95 Resp: 100033
Ion Ratio Lower Upper
95 100
174 69.3 0.0 132.8
176 69.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

Tgt Ion: 117 Resp: 203212
Ion Ratio Lower Upper
117 100
82 56.4 43.1 64.7
119 29.6 25.1 37.7

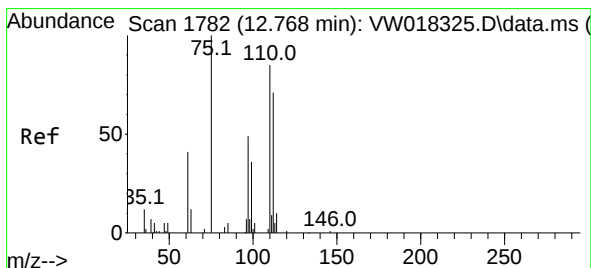
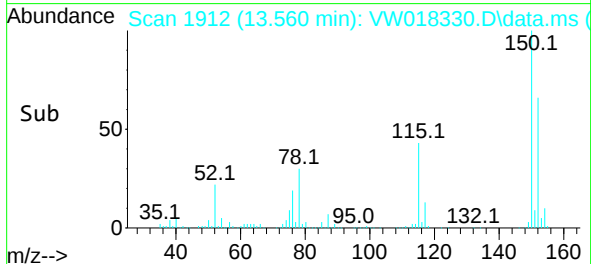
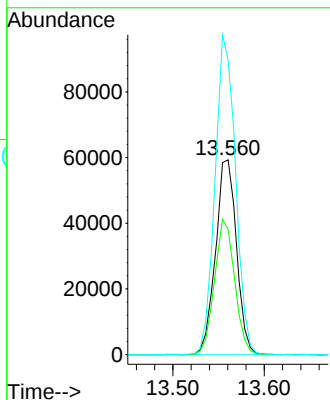
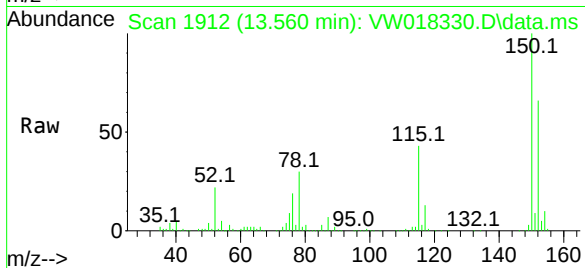




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

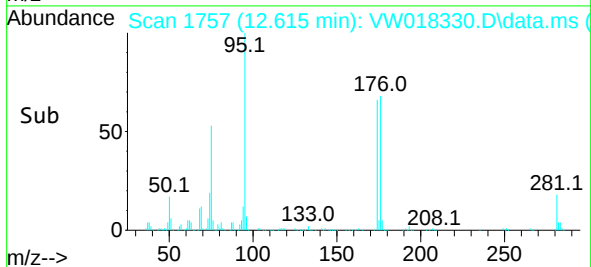
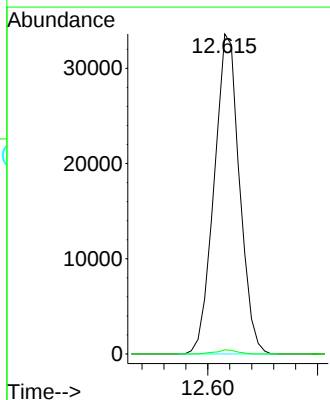
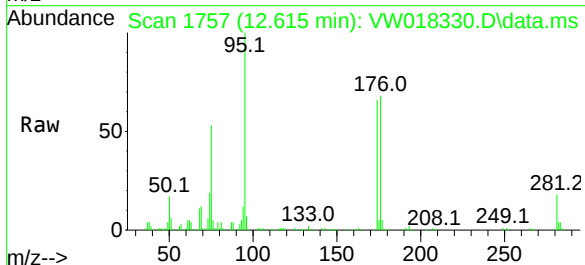
Instrument :
MSVOA_W
ClientSampleId :
VW0314SBL07

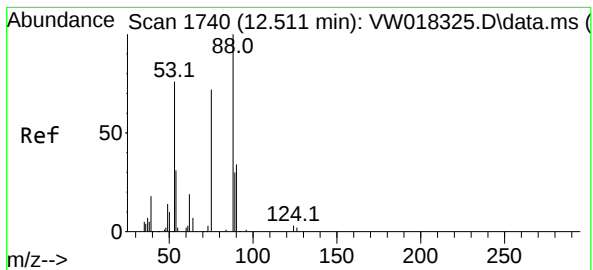
Tgt Ion:152 Resp: 94770
Ion Ratio Lower Upper
152 100
115 66.9 31.9 95.7
150 160.0 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 60.49 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW018330.D
Acq: 12 Mar 2021 21:36

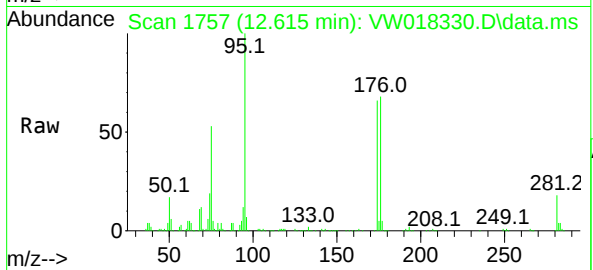
Tgt Ion: 75 Resp: 53902
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.48 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW018330.D
 Acq: 12 Mar 2021 21:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0314SBL07



Tgt Ion:	75	Resp:	53902
Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.9	130.3#
89	0.1	38.8	58.2#

