

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018343.D
 Acq On : 18 Sep 2020 23:23
 Operator : SY/MD
 Sample : L4080-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276486	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129426	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94676	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.04%
7) Chloroethane-d5	1.58	69	79003	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.70%
11) 1,1-Dichloroethene-d2	2.12	63	138120	33.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.84%
21) 2-Butanone-d5	3.92	46	116500	84.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.47%
24) Chloroform-d	4.38	84	169598	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.06	65	113315	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
32) Benzene-d6	5.08	84	342630	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
36) 1,2-Dichloropropane-d6	6.10	67	108408	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.88%
41) Toluene-d8	7.34	98	305452	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	7.64	79	49886	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
47) 2-Hexanone-d5	8.11	63	74943	79.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131789	42.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	124585	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%

Target Compounds

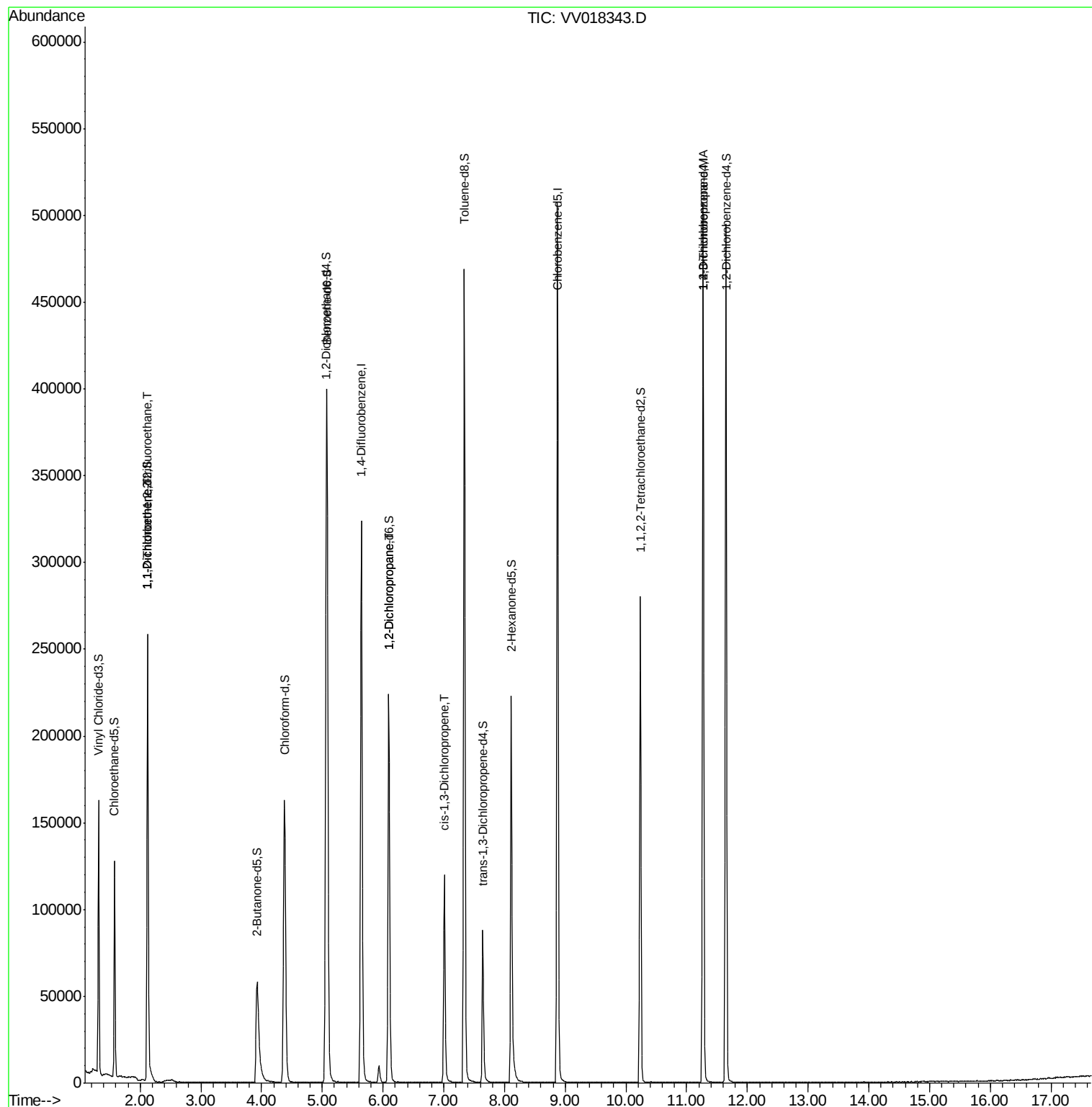
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1238	0.664 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2001	1.102 ug/L #	1
37) 1,2-Dichloropropane	6.09	63	11783	5.668 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3116	0.973 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	14602	5.972 ug/L	90

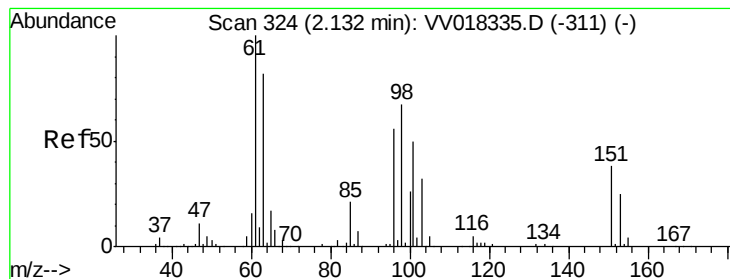
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 19 05:11:16 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.664 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018343.D

Acq: 18 Sep 2020 23:23

Instrument :

MSVOA_V

ClientSampled :

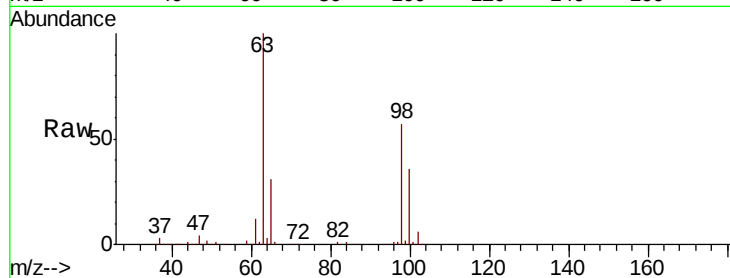
Tot Ion:101 Resp: 1238

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#



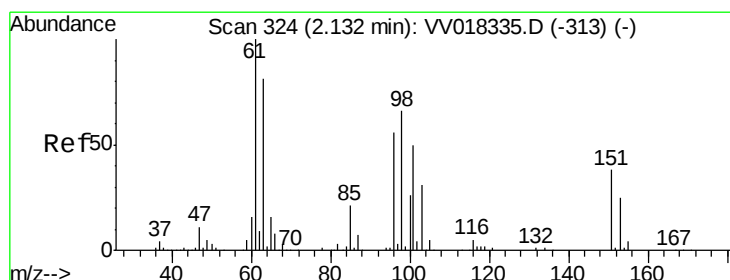
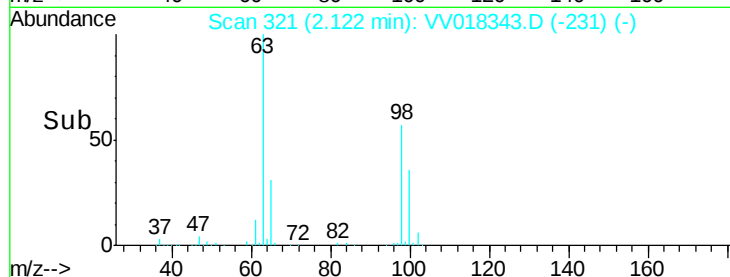
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.12

Time-->



#12

1,1-Dichloroethene

Concen: 1.102 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018343.D

Acq: 18 Sep 2020 23:23

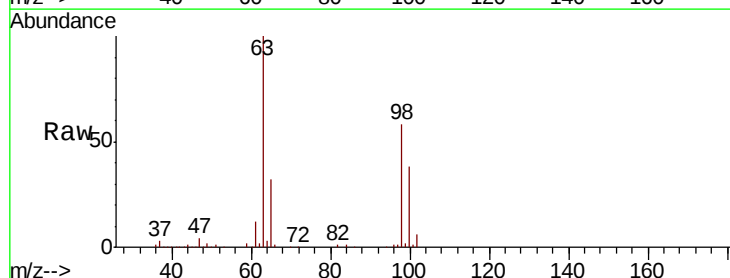
Tgt Ion: 96 Resp: 2001

Ion Ratio Lower Upper

96 100

61 835.8 122.9 228.3#

63 6756.3 91.9 170.7#



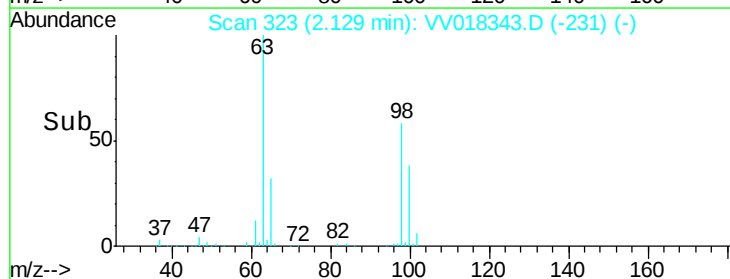
Abundance Ion 96.00 (95.70 to 96.70): VV0

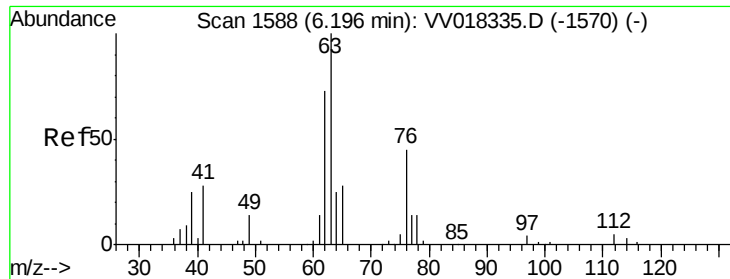
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

2.13

Time-->

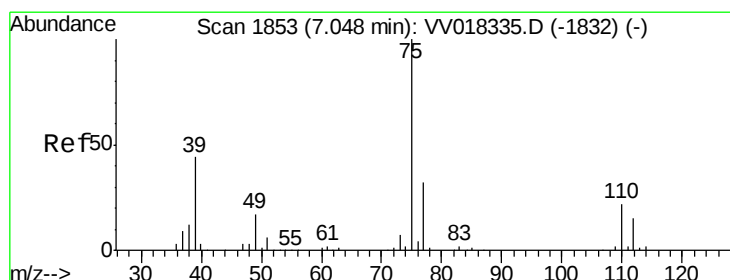
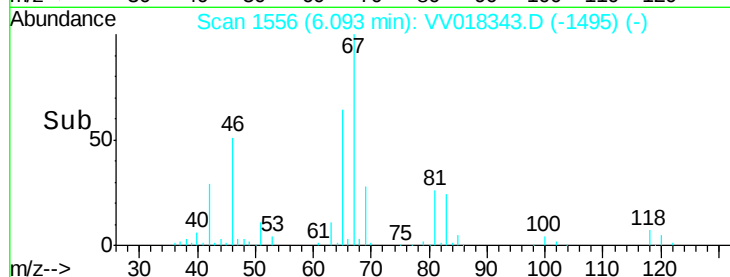
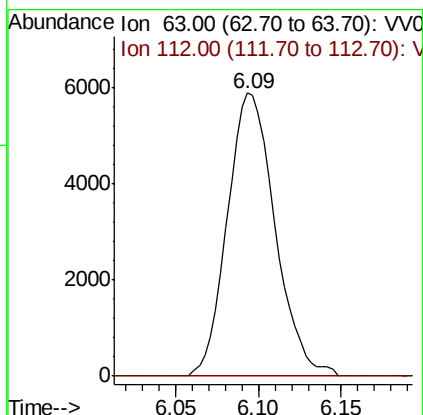
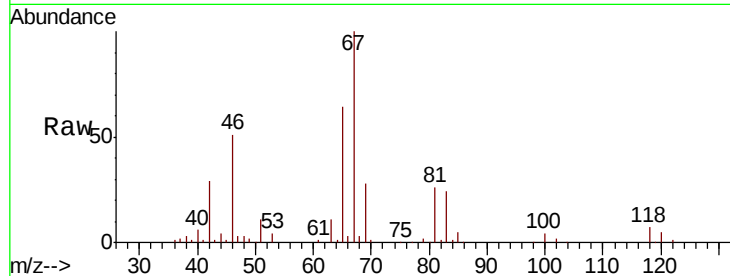




#37
 1,2-Dichloropropane
 Concen: 5.668 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018343.D
 Acq: 18 Sep 2020 23:23

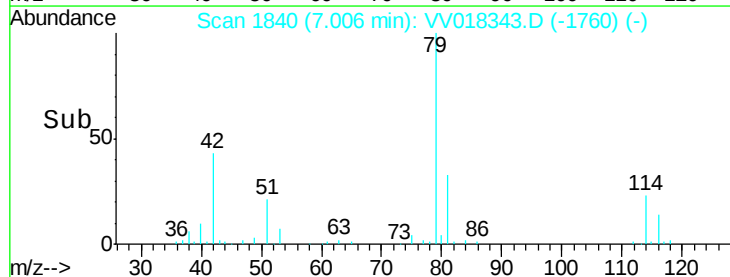
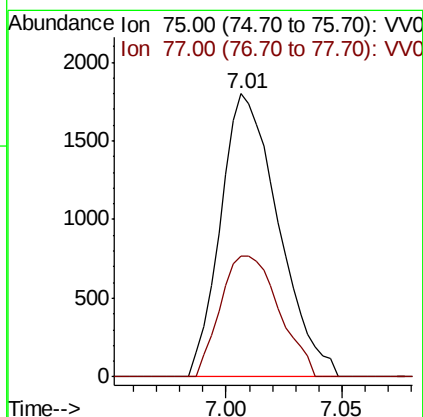
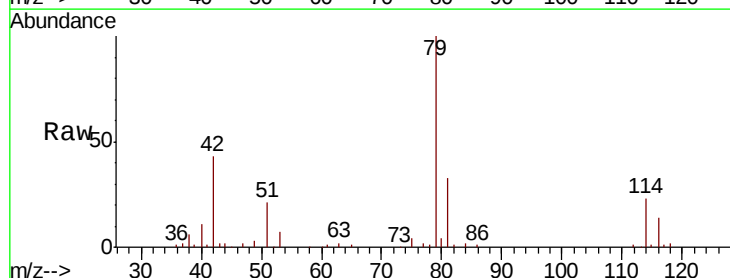
Instrument :
 MSVOA_V
 ClientSampleId :

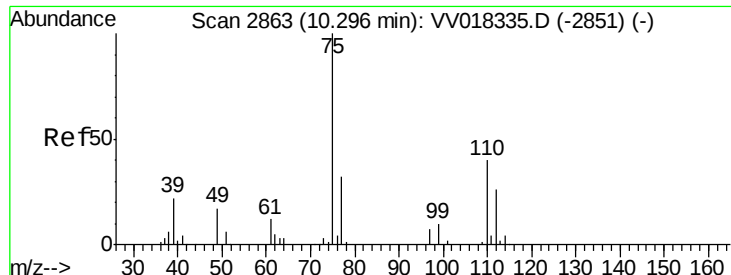
Tot Ion: 63 Resp: 11783
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.973 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018343.D
 Acq: 18 Sep 2020 23:23

Tgt Ion: 75 Resp: 3116
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 5.972 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018343.D

Acq: 18 Sep 2020 23:23

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14602

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.6

