

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018317.D
 Acq On : 18 Sep 2020 13:14
 Operator : SY/MD
 Sample : L4065-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:43:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271189	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101869	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.18%
7) Chloroethane-d5	1.58	69	83395	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.12	63	145091	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	3.92	46	120557	89.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.12%
24) Chloroform-d	4.38	84	173907	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.06	65	116142	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.08	84	354437	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
36) 1,2-Dichloropropane-d6	6.09	67	112967	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.38%
41) Toluene-d8	7.34	98	314315	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.64	79	54646	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.11	63	81456	86.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141070	45.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	129922	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

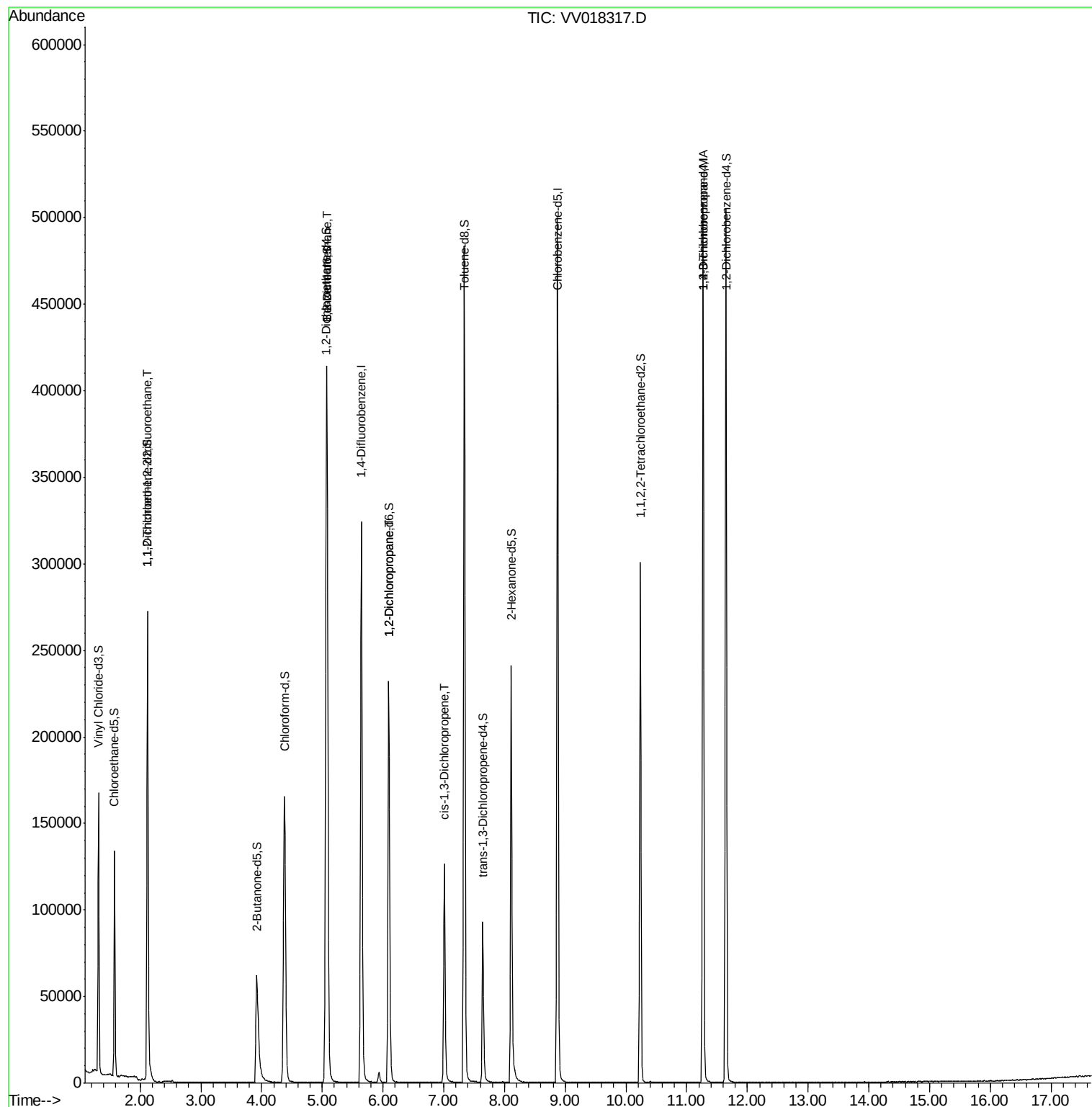
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1283	0.701 ug/L #	19
27) 1,2-Dichloroethane	5.07	62	2106	0.771 ug/L #	74
37) 1,2-Dichloropropane	6.10	63	12485	6.063 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3174	1.000 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	14669	6.057 ug/L	93

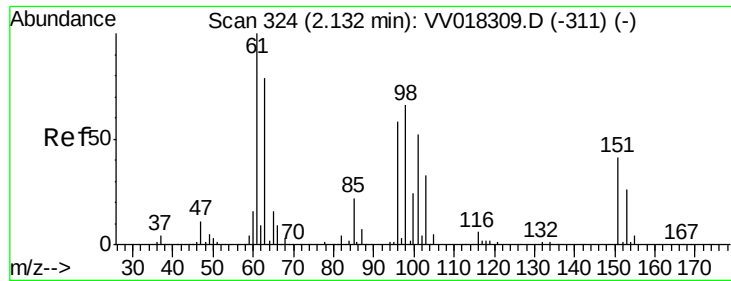
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.701 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018317.D

Acq: 18 Sep 2020 13:14

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MSVOA_V

ClientSampleId :

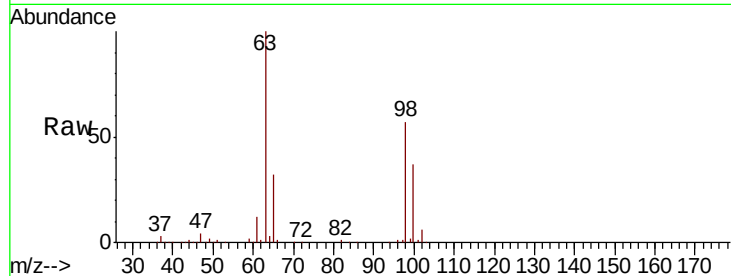
Tot Ion:101 Resp: 1283

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

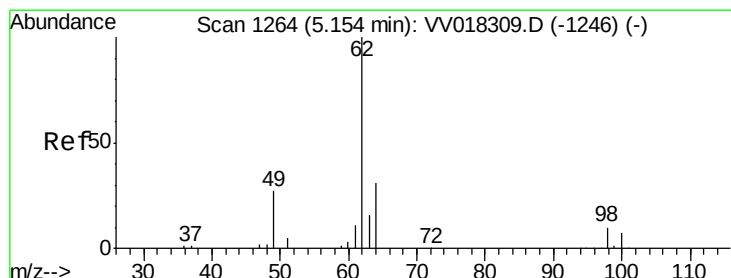
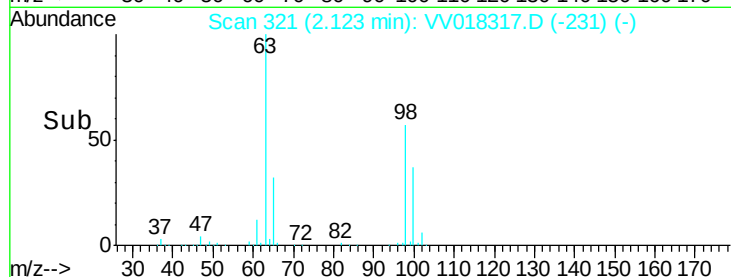
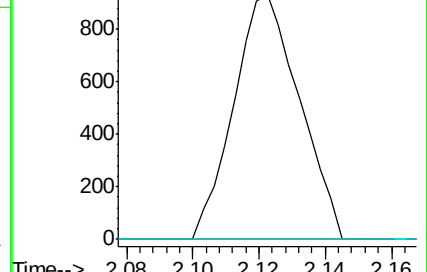
151 0.0 62.2 93.2#



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



#27

1,2-Dichloroethane

Concen: 0.771 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018317.D

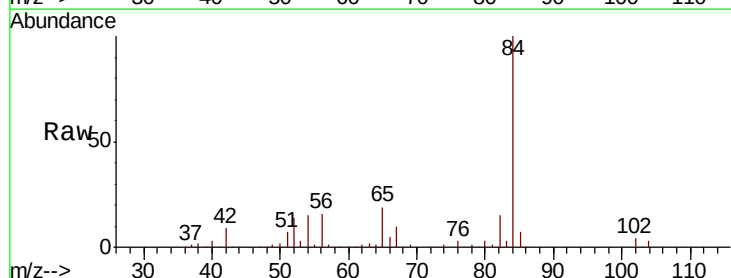
Acq: 18 Sep 2020 13:14

Tgt Ion: 62 Resp: 2106

Ion Ratio Lower Upper

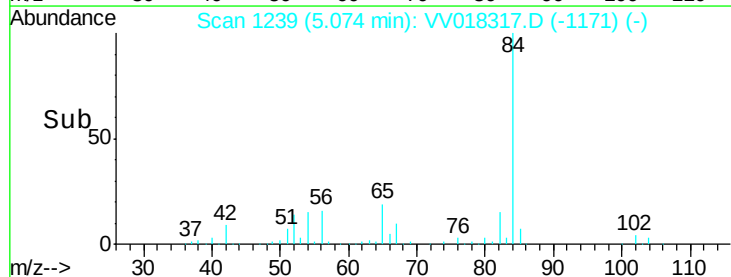
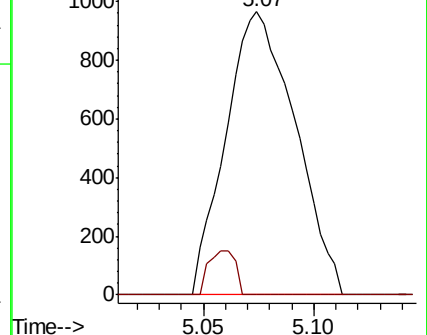
62 100

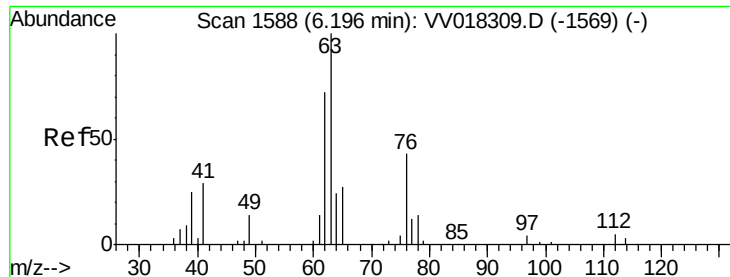
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

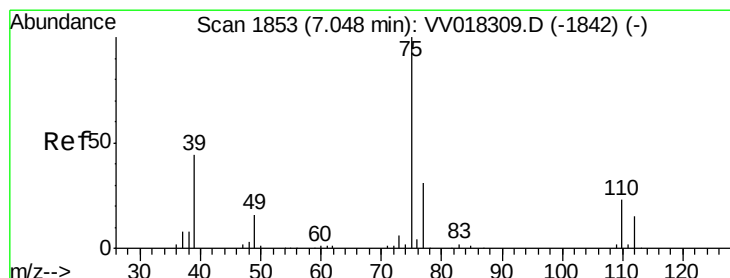
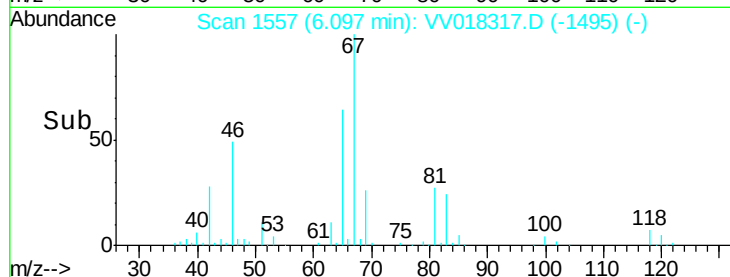
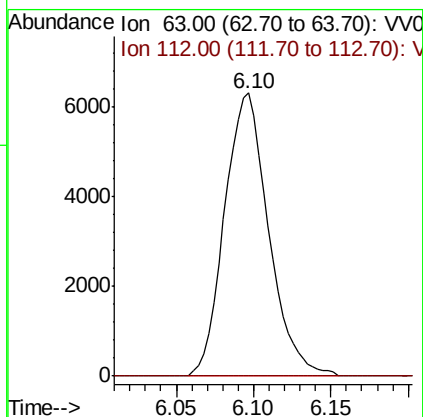
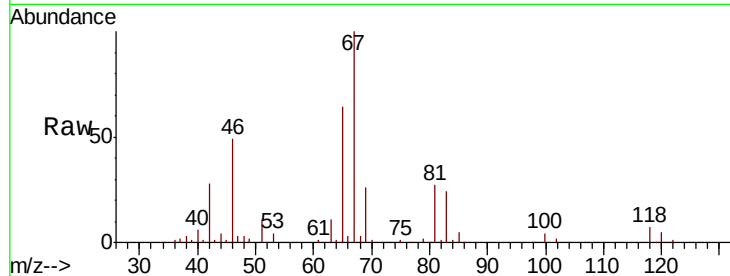




#37
 1,2-Dichloropropane
 Concen: 6.063 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018317.D
 Acq: 18 Sep 2020 13:14

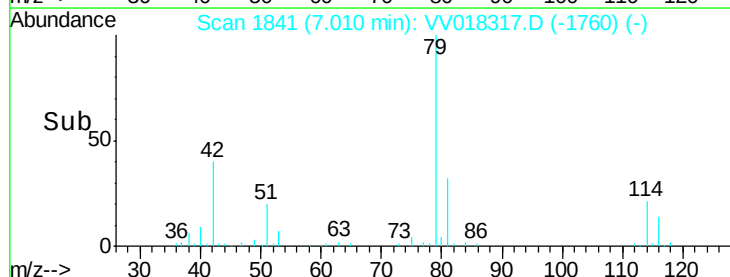
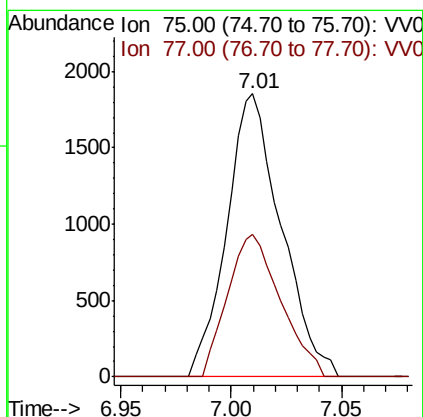
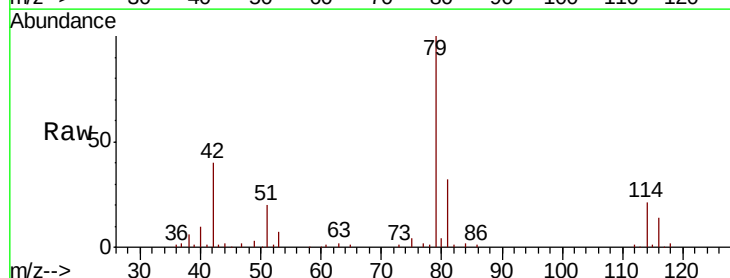
Instrument :
 MSVOA_V
 ClientSampleId :

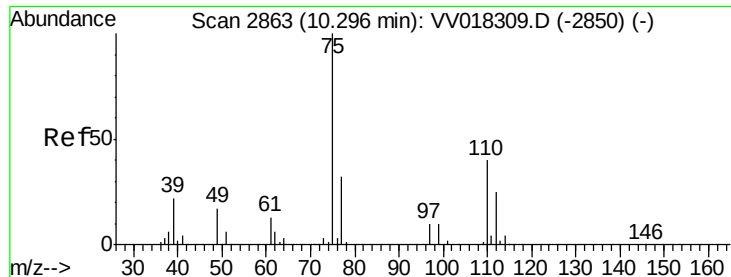
Tot Ion: 63 Resp: 12485
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.000 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018317.D
 Acq: 18 Sep 2020 13:14

Tgt Ion: 75 Resp: 3174
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.057 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018317.D

Acq: 18 Sep 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14669

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.6

