

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018337.D
 Acq On : 18 Sep 2020 21:08
 Operator : SY/MD
 Sample : L4066-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:18:29 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	284679	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136022	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97520	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.06%
7) Chloroethane-d5	1.58	69	81757	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.14%
11) 1,1-Dichloroethene-d2	2.12	63	139663	32.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.64%
21) 2-Butanone-d5	3.91	46	117934	83.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.05%
24) Chloroform-d	4.38	84	171940	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	5.06	65	114587	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
32) Benzene-d6	5.08	84	347213	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.09	67	111670	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.34	98	310308	42.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.34%
43) trans-1,3-Dichloropropene-	7.64	79	51384	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.82%
47) 2-Hexanone-d5	8.11	63	79331	81.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136442	42.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	128906	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%

Target Compounds

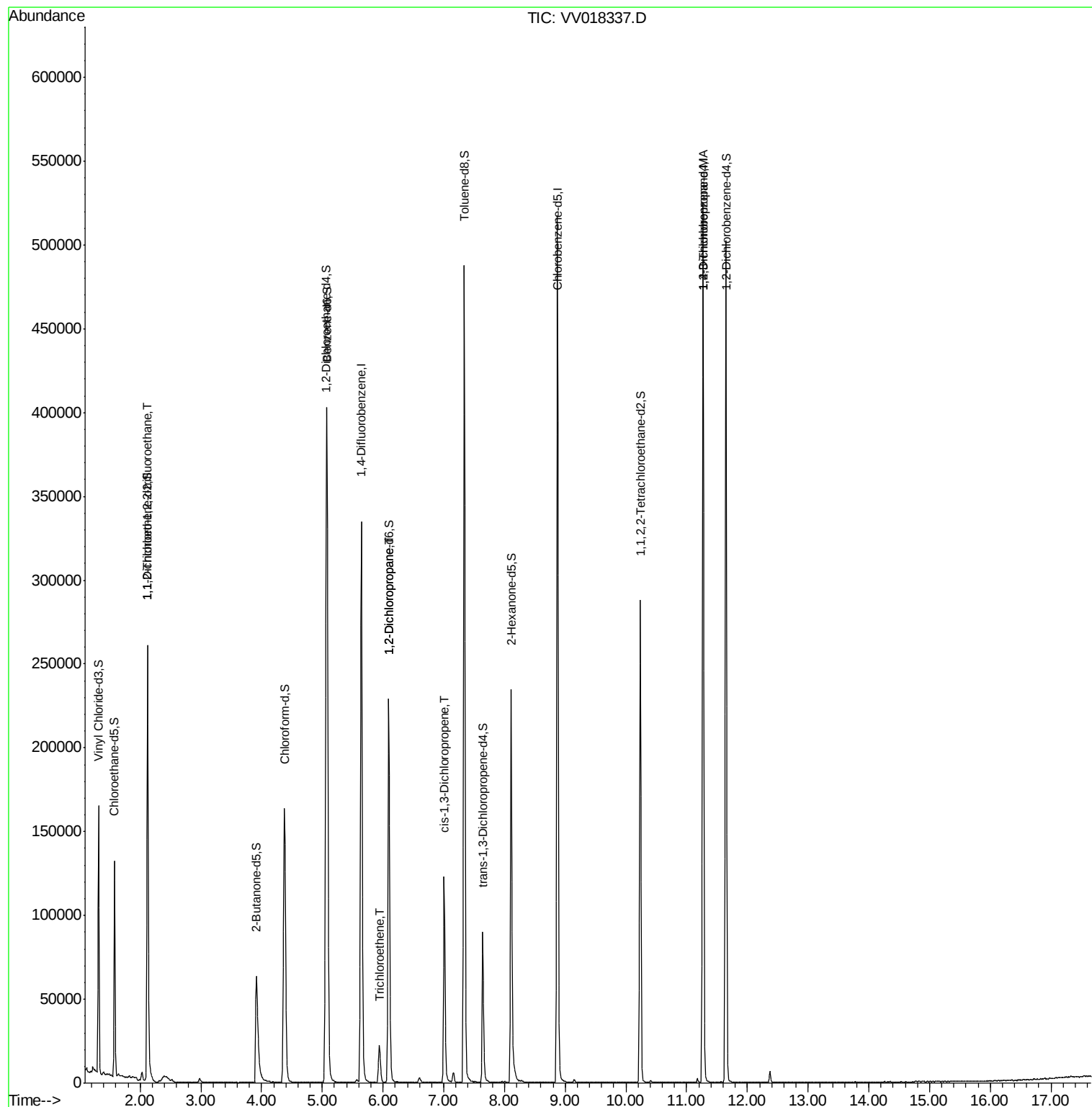
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1296	0.675 ug/L #	19
34) Trichloroethene	5.94	95	6533	2.974 ug/L	94
37) 1,2-Dichloropropane	6.09	63	12252	5.733 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2733	0.830 ug/L #	50
59) 1,2,3-Trichloropropane	11.27	75	15128	6.019 ug/L	91

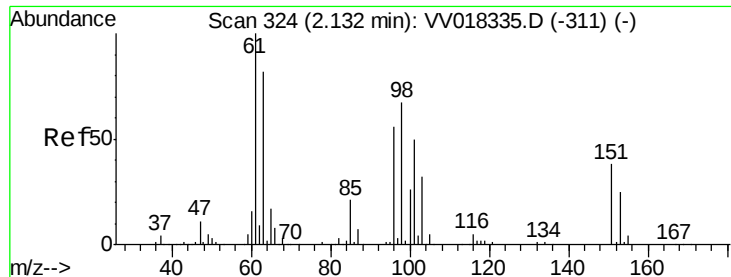
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.675 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018337.D

Acq: 18 Sep 2020 21:08

Instrument :

MSVOA_V

ClientSampled :

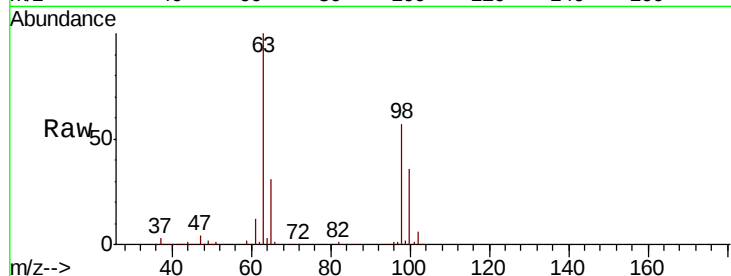
Tot Ion:101 Resp: 1296

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#



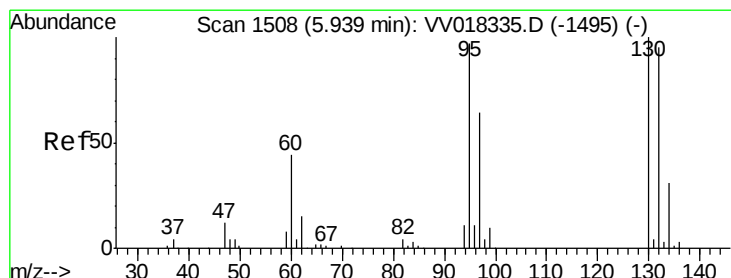
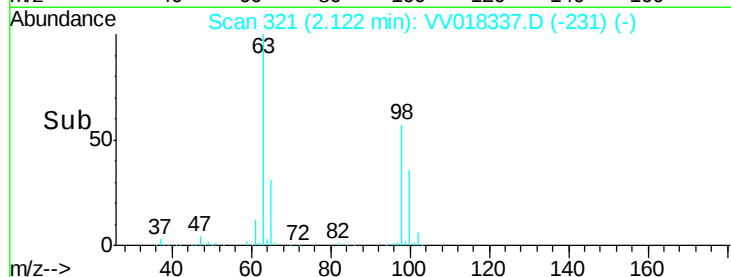
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

Time-->

2.08 2.10 2.12 2.14 2.16



#34

Trichloroethene

Concen: 2.974 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV018337.D

Acq: 18 Sep 2020 21:08

Tgt Ion: 95 Resp: 6533

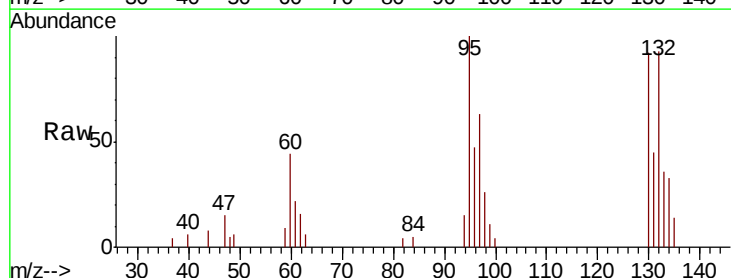
Ion Ratio Lower Upper

95 100

97 62.8 46.3 85.9

132 93.3 68.1 126.5

130 91.9 71.5 132.9



Abundance Ion 95.00 (94.70 to 95.70): VV0

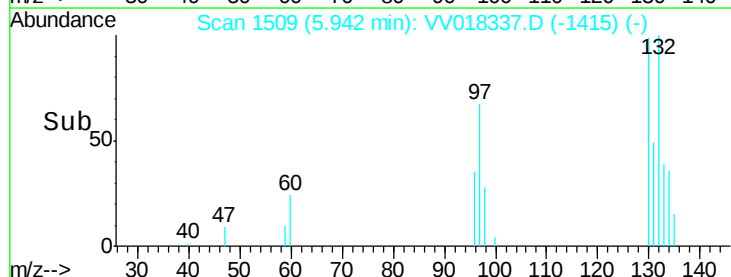
Ion 97.00 (96.70 to 97.70): VV0

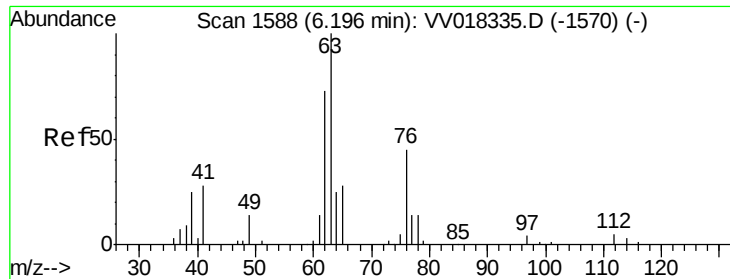
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->

5.90 5.95 6.00

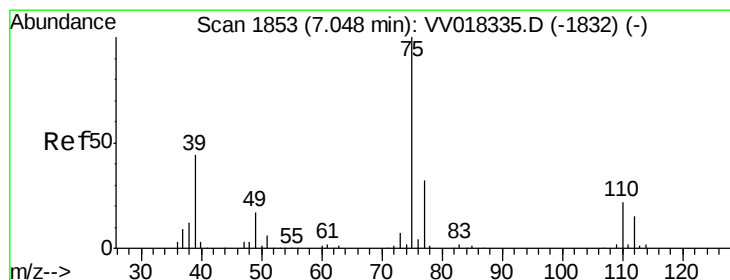
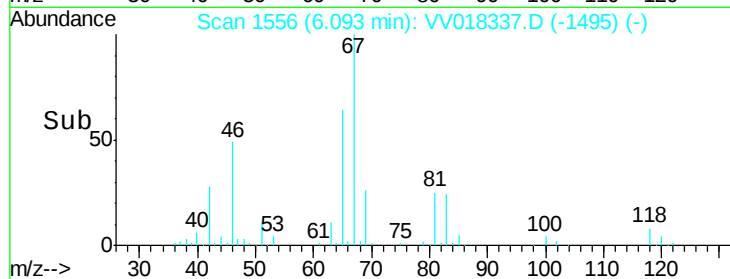
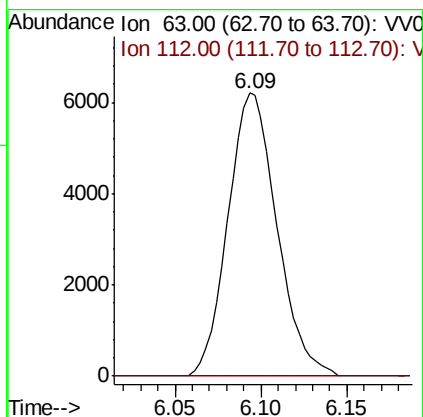
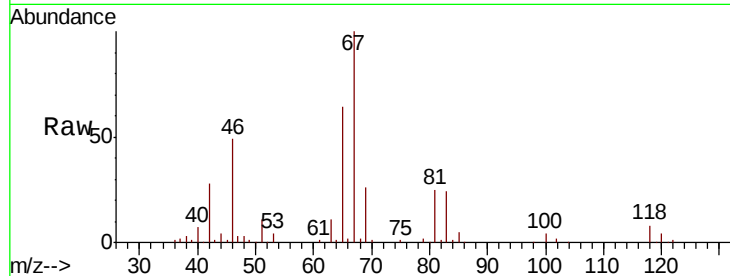




#37
 1,2-Dichloropropane
 Concen: 5.733 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018337.D
 Acq: 18 Sep 2020 21:08

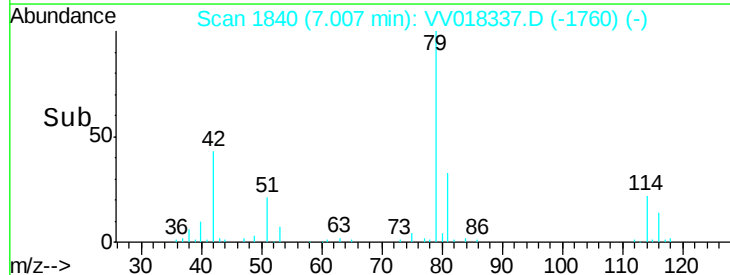
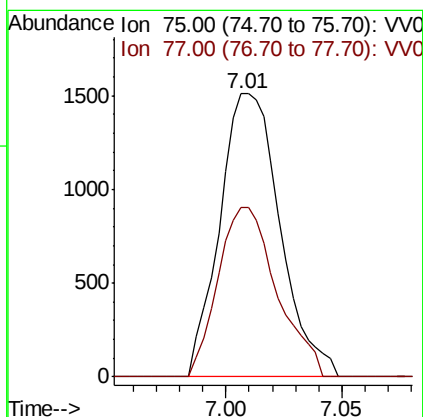
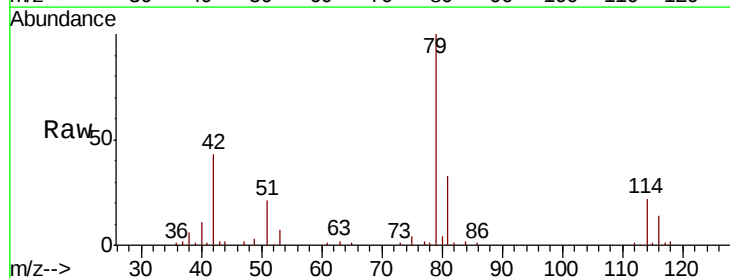
Instrument :
 MSVOA_V
 ClientSampleId :

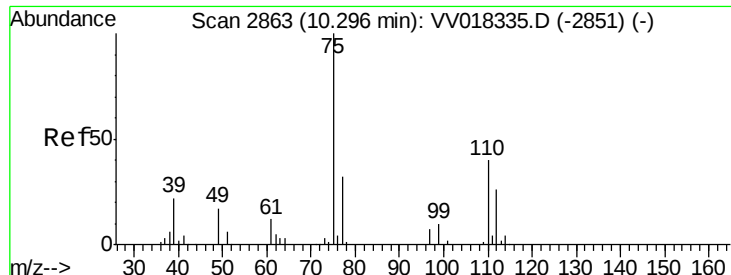
Tot Ion: 63 Resp: 12252
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.830 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018337.D
 Acq: 18 Sep 2020 21:08

Tgt Ion: 75 Resp: 2733
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.019 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018337.D

Acq: 18 Sep 2020 21:08

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15128

Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.6

