

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018315.D
 Acq On : 18 Sep 2020 12:29
 Operator : SY/MD
 Sample : L4065-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:42:55 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	280883	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134418	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100314	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.64%
7) Chloroethane-d5	1.58	69	81762	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.12	63	142317	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	3.92	46	117152	83.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.61%
24) Chloroform-d	4.38	84	170467	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.06	65	113905	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.08	84	344664	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
36) 1,2-Dichloropropane-d6	6.09	67	109594	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.92%
41) Toluene-d8	7.34	98	305831	41.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.64	79	52603	40.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.16%
47) 2-Hexanone-d5	8.11	63	79986	82.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139412	43.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	126763	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%

Target Compounds

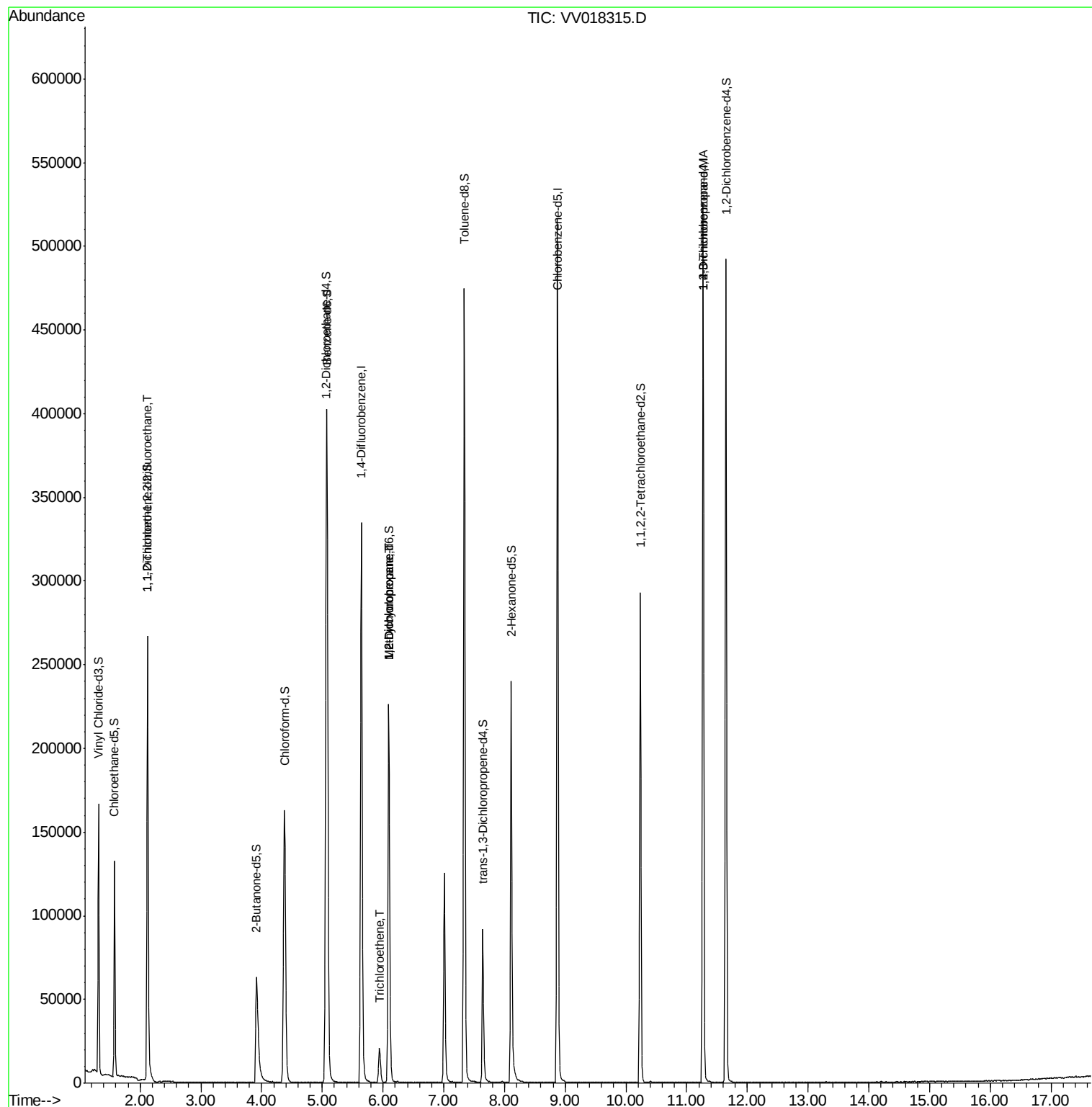
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1357	0.716 ug/L #	19
34) Trichloroethene	5.94	95	6339	2.902 ug/L	97
35) Methylcyclohexane	6.10	83	26709	8.121 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11795	5.551 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	15286	6.116 ug/L	92

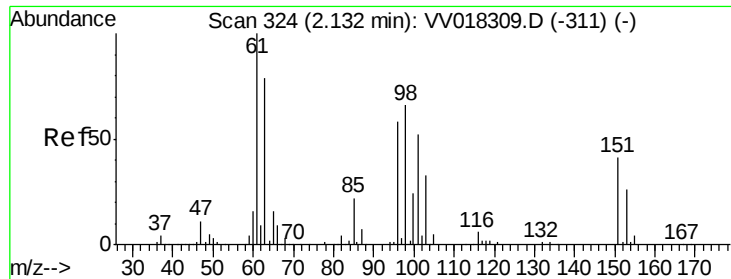
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 19 01:35:10 2020
Response via : Initial Calibration





#10

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

Concen: 0.716 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018315.D

Acq: 18 Sep 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

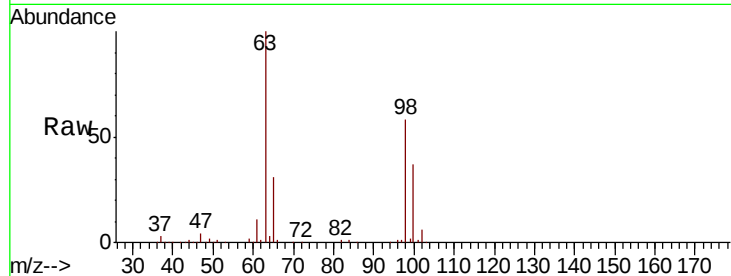
Tot Ion:101 Resp: 1357

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

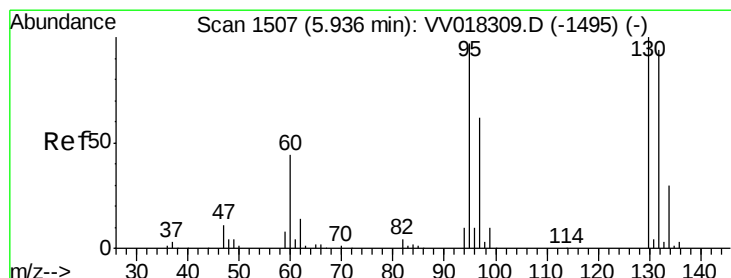
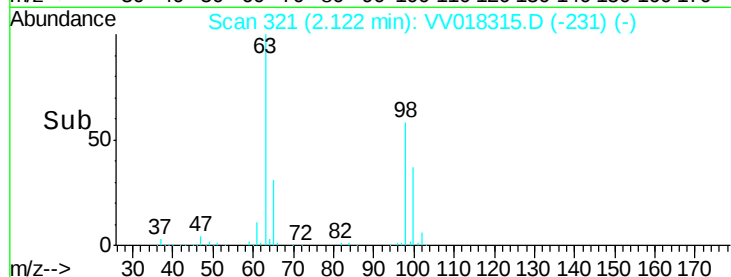
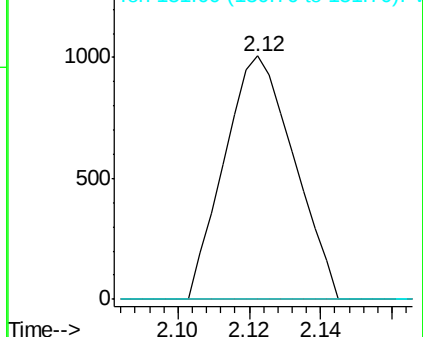
151 0.0 62.2 93.2#



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



#34

Trichloroethene

Concen: 2.902 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018315.D

Acq: 18 Sep 2020 12:29

Tgt Ion: 95 Resp: 6339

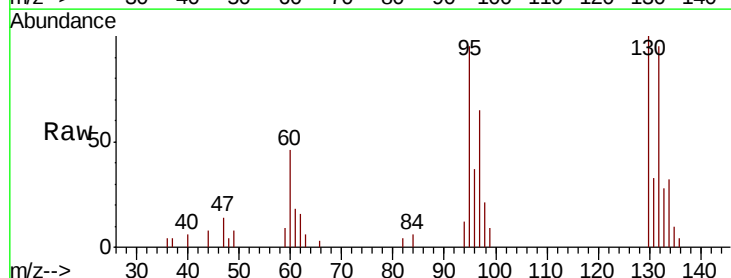
Ion Ratio Lower Upper

95 100

97 68.4 46.3 85.9

132 100.0 68.1 126.5

130 104.8 71.5 132.9

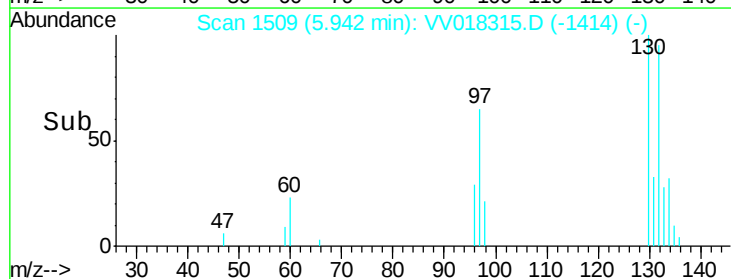
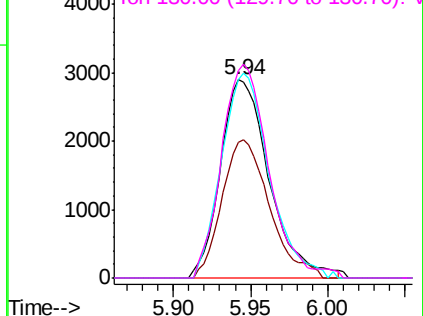


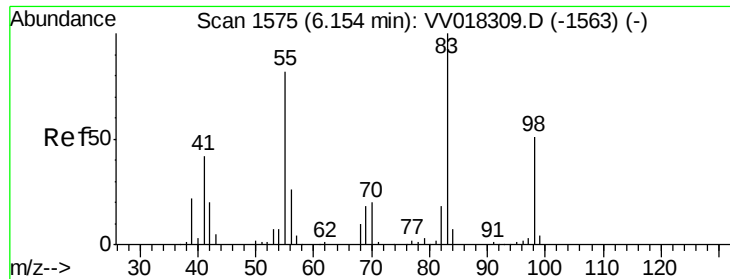
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

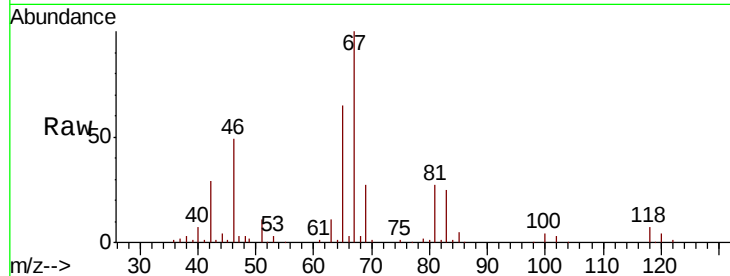




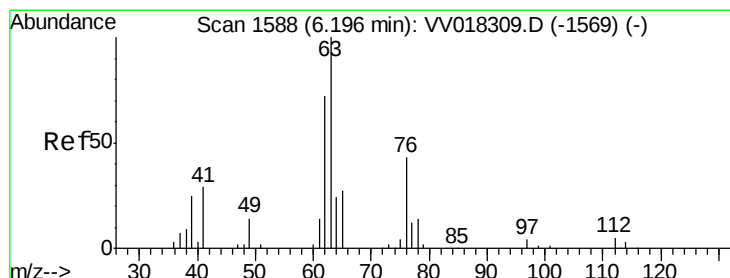
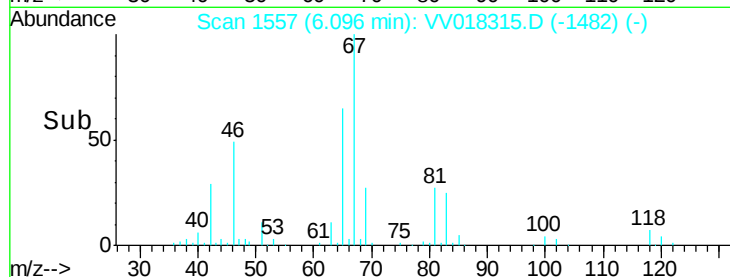
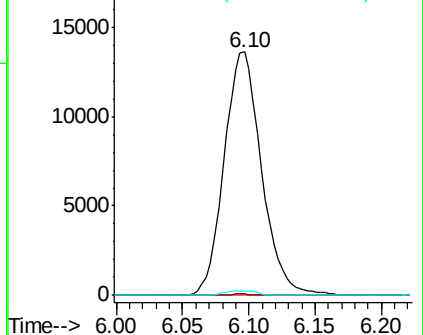
#35
Methvlcvclohexane
Concen: 8.121 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018315.D
Acq: 18 Sep 2020 12:29

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 26709
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.5 38.8 58.2#

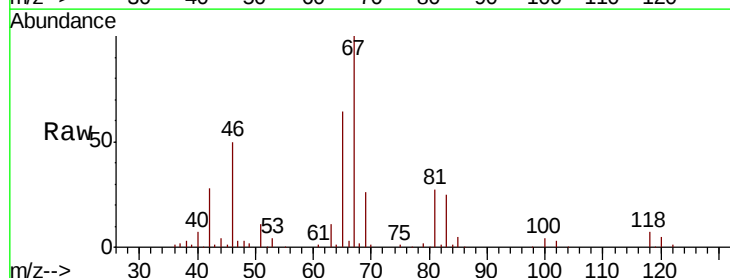


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

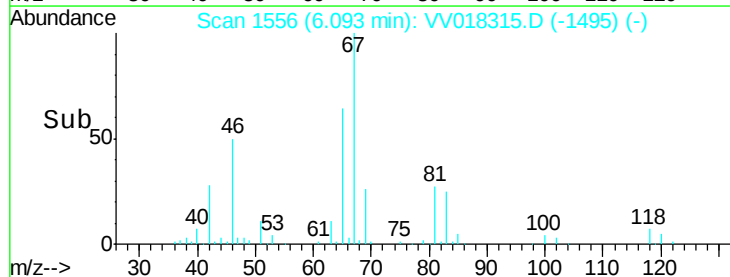
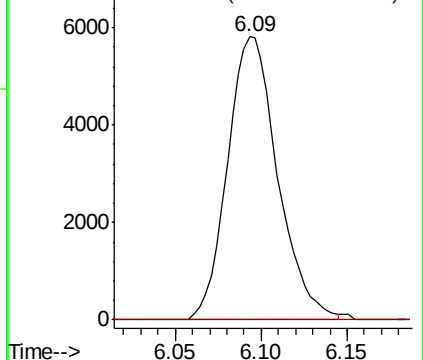


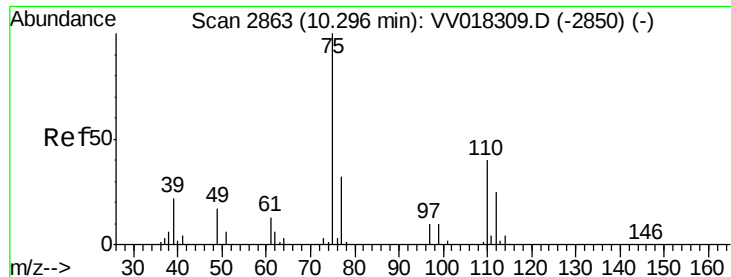
#37
1,2-Dichloropropane
Concen: 5.551 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018315.D
Acq: 18 Sep 2020 12:29

Tgt Ion: 63 Resp: 11795
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 6.116 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018315.D

Acq: 18 Sep 2020 12:29

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15286

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6

