

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017237.D
 Acq On : 29 Jun 2020 13:42
 Operator : SY/MD
 Sample : L3135-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q41

Quant Time: Jun 30 07:43:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345430	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90086	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.92%
7) Chloroethane-d5	1.58	69	63900	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.38%
11) 1,1-Dichloroethene-d2	2.12	63	147073	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	3.90	46	154770	85.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.79%
24) Chloroform-d	4.38	84	224660	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
26) 1,2-Dichloroethane-d4	5.06	65	163441	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.08	84	424609	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.09	67	128070	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.26%
41) Toluene-d8	7.34	98	382858	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.64	79	67027	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.11	63	102786	80.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171390	44.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	159494	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

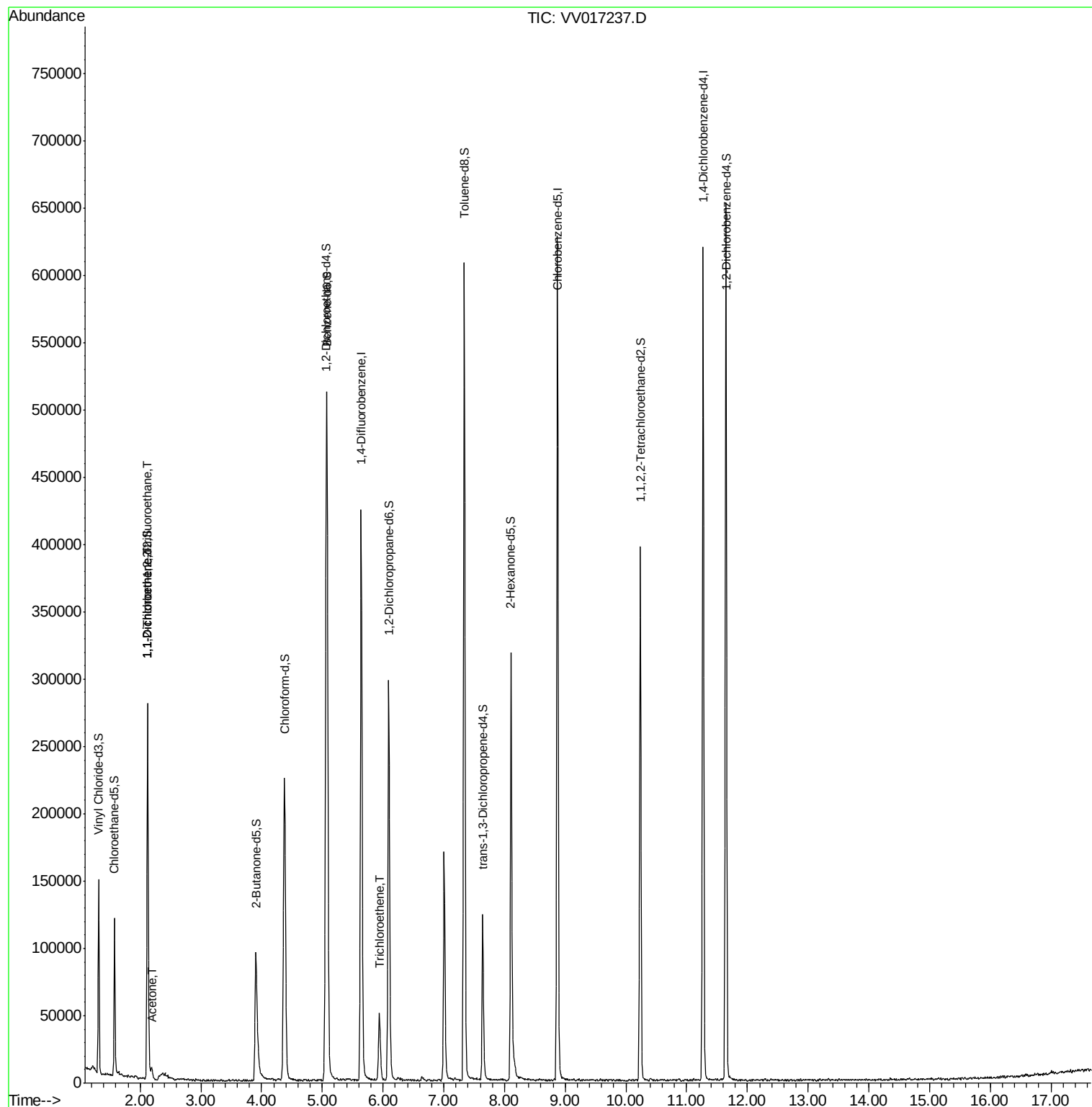
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1361	0.741 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1520	0.887 ug/L #	1
13) Acetone	2.19	43	10747	9.041 ug/L	89
34) Trichloroethene	5.94	95	16412	6.331 ug/L	93

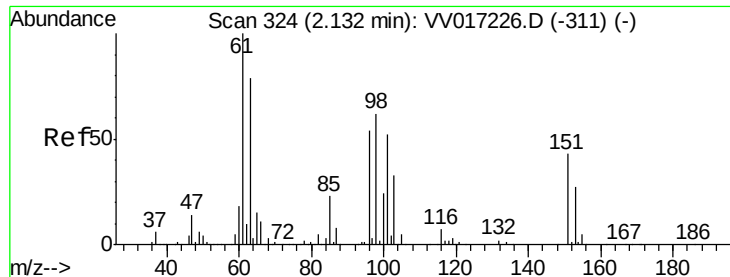
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.741 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017237.D

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Instrument :

MSVOA_V

ClientSampled :

F9Q41

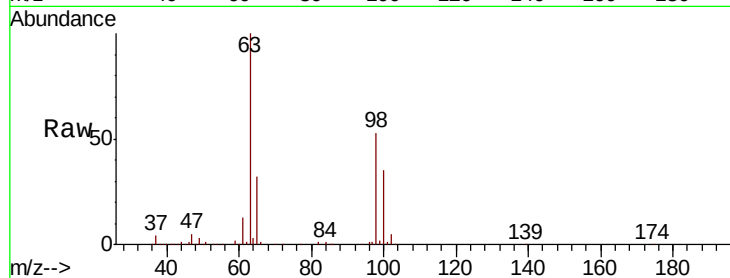
Tot Ion:101 Resp: 1361

Ion Ratio Lower Upper

101 100

85 6.9 35.5 53.3#

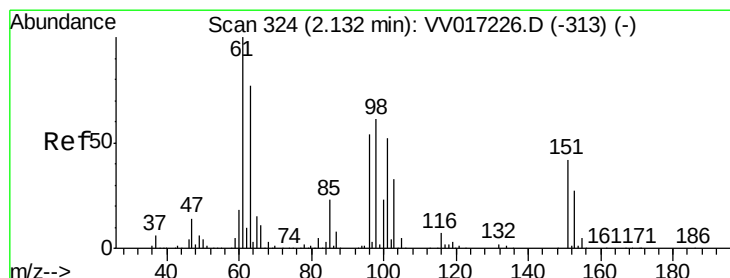
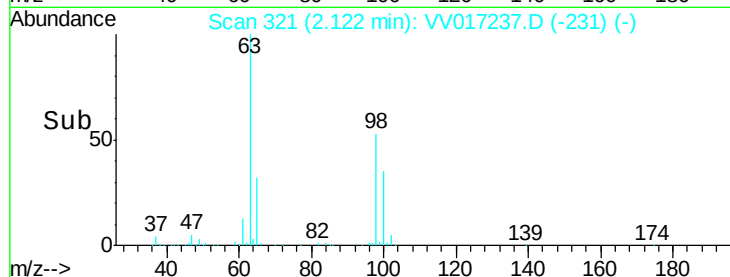
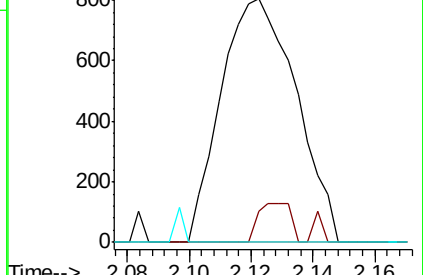
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.887 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017237.D

Acq: 29 Jun 2020 13:42

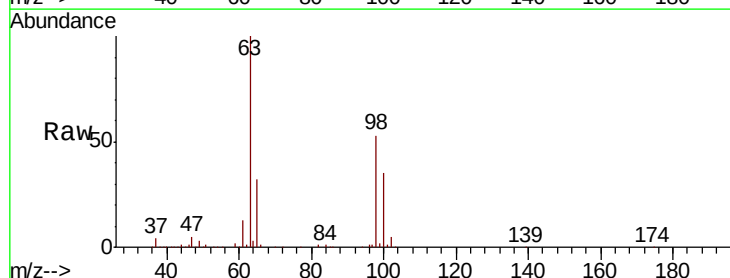
Tgt Ion: 96 Resp: 1520

Ion Ratio Lower Upper

96 100

61 1516.5 130.4 242.2#

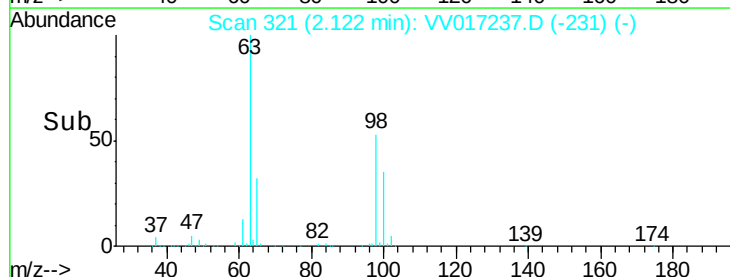
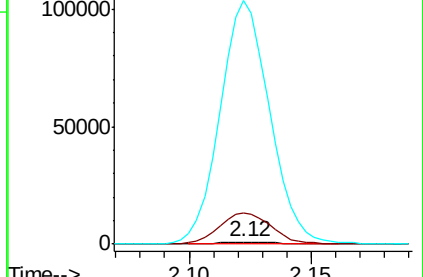
63 12022.3 103.3 191.9#

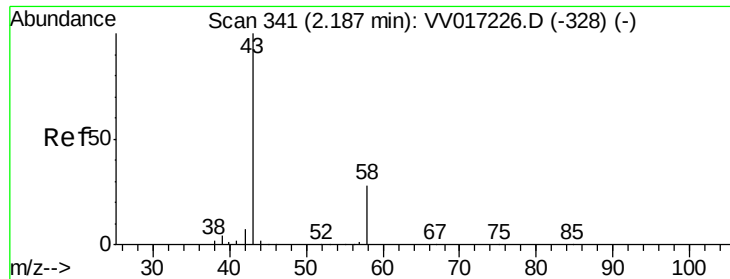


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 9.041 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017237.D

Acq: 29 Jun 2020 13:42

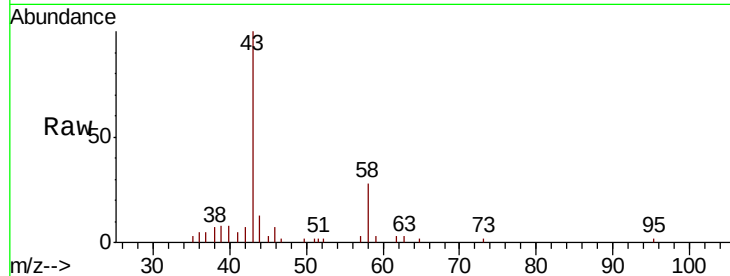
Instrument :
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Tot Ion: 43 Resp: 10747

Ion Ratio Lower Upper

43 100

58 33.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017237.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV017237.D (-248) (-)

2.19

6000

5000

4000

3000

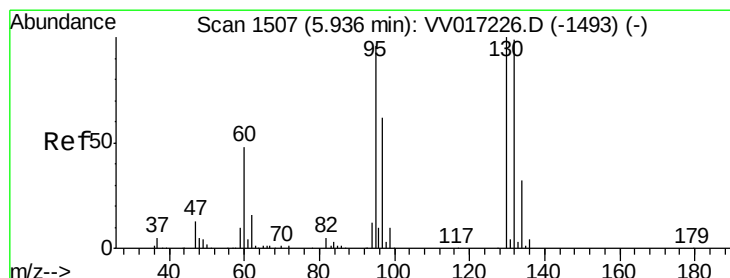
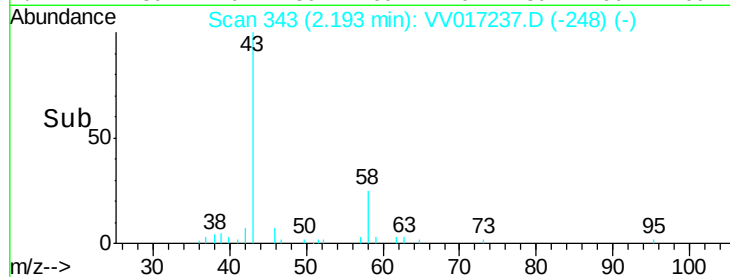
2000

1000

0

Time-->

2.15 2.20 2.25



#34

Trichloroethene

Concen: 6.331 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017237.D

Acq: 29 Jun 2020 13:42

Tgt Ion: 95 Resp: 16412

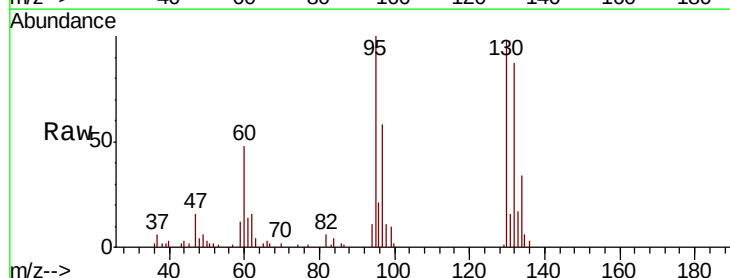
Ion Ratio Lower Upper

95 100

97 58.3 44.3 82.3

132 87.4 67.9 126.1

130 98.0 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VV017237.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV017237.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV017237.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV017237.D (-1414) (-)

5.94

12000

10000

8000

6000

4000

2000

0

Time-->

5.90 5.95 6.00

