

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017214.D
 Acq On : 27 Jun 2020 05:02
 Operator : SY/MD
 Sample : L3133-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 05:29:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	349646	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90850	36.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.64%
7) Chloroethane-d5	1.58	69	60766	41.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.10%
11) 1,1-Dichloroethene-d2	2.12	63	142724	34.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.90%
21) 2-Butanone-d5	3.90	46	141609	77.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.55%
24) Chloroform-d	4.38	84	214236	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.06	65	156213	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
32) Benzene-d6	5.08	84	399651	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
36) 1,2-Dichloropropane-d6	6.09	67	120792	40.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.92%
41) Toluene-d8	7.34	98	363878	41.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.64	79	60339	38.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.60%
47) 2-Hexanone-d5	8.11	63	95699	73.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160228	40.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	150812	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%

Target Compounds

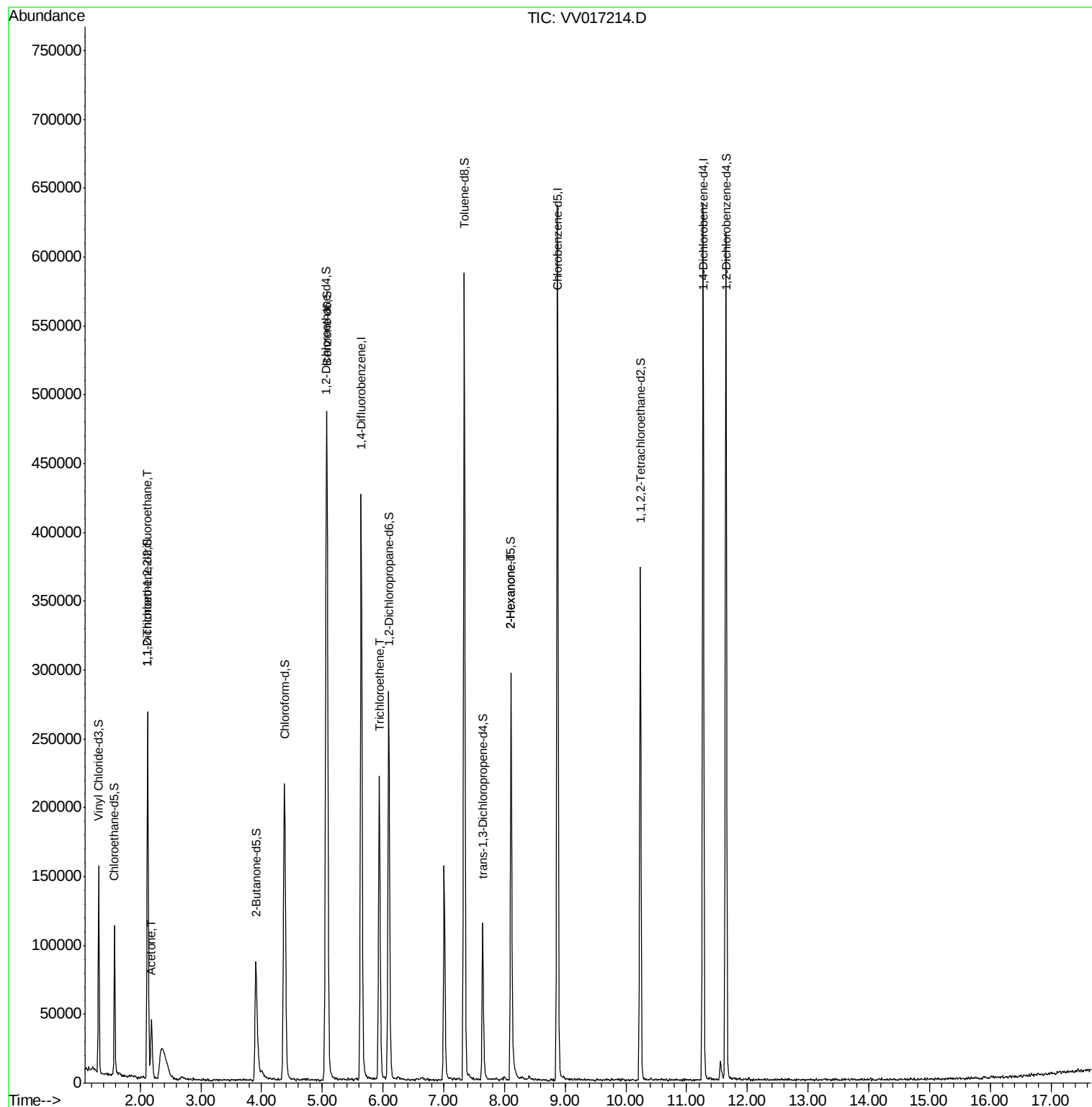
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1356	0.729 ug/L #	21
13) Acetone	2.19	43	51342	42.673 ug/L	100
34) Trichloroethene	5.94	95	72715	27.578 ug/L	98
48) 2-Hexanone	8.11	43	12536	4.463 ug/L #	74

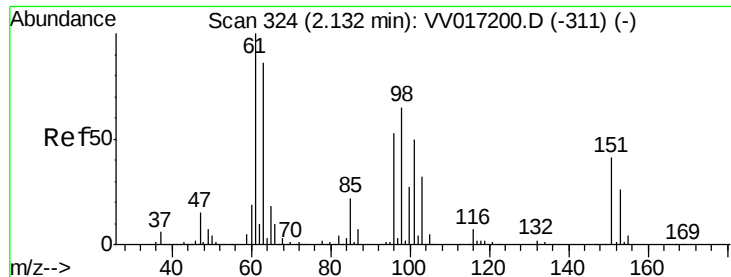
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.729 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017214.D

Acq: 27 Jun 2020 05:02

Instrument :

MSVOA_V

ClientSampleId :

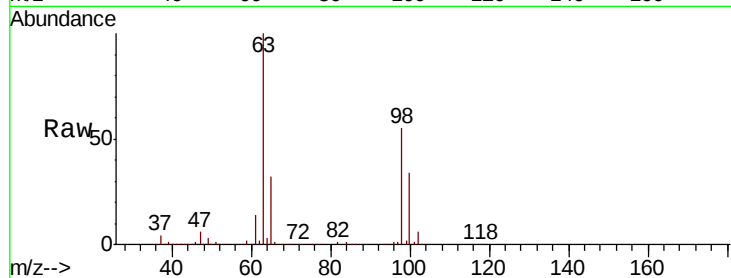
Tot Ion:101 Resp: 1356

Ion Ratio Lower Upper

101 100

85 3.0 35.5 53.3#

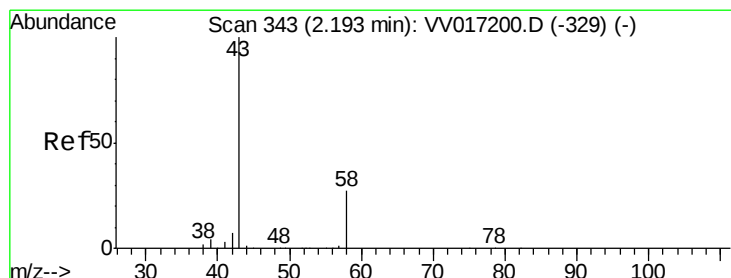
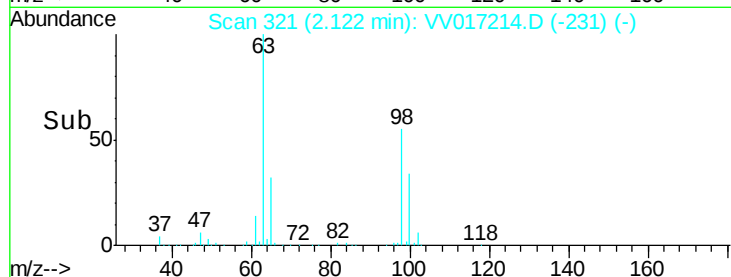
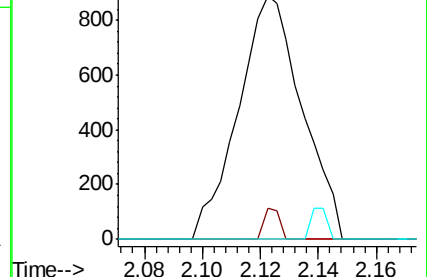
151 3.2 63.9 95.9#



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



#13

Acetone

Concen: 42.673 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV017214.D

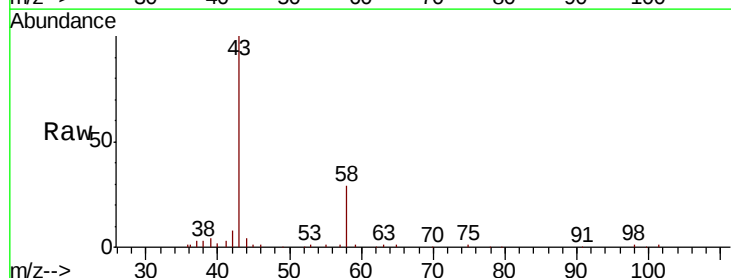
Acq: 27 Jun 2020 05:02

Tgt Ion: 43 Resp: 51342

Ion Ratio Lower Upper

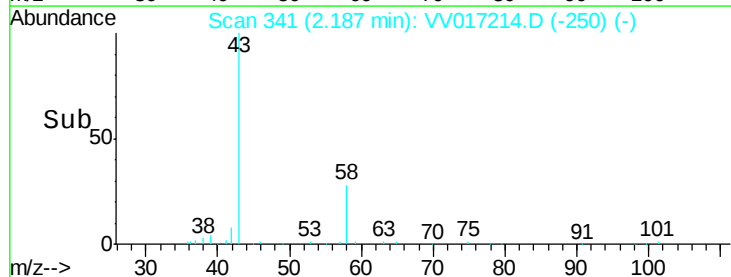
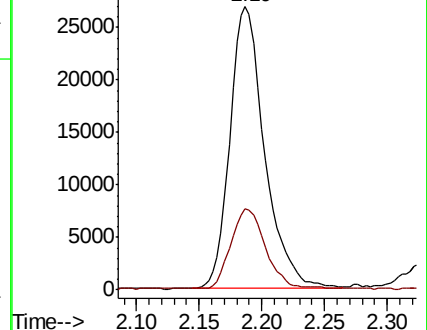
43 100

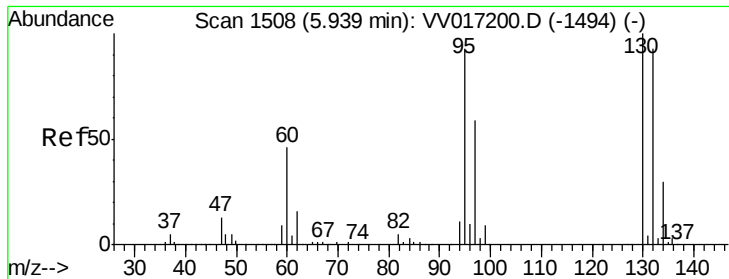
58 27.7 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 27.578 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017214.D

Acq: 27 Jun 2020 05:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 72715

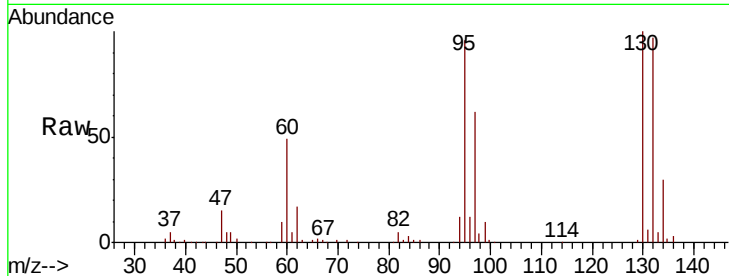
Ion Ratio Lower Upper

95 100

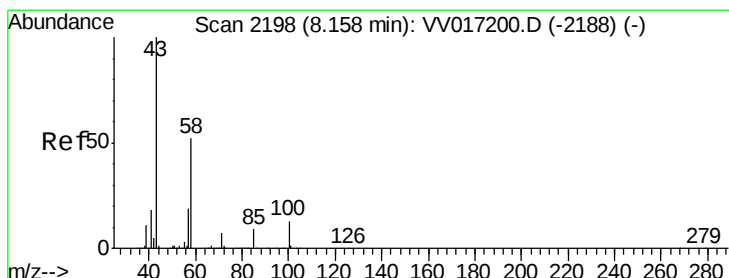
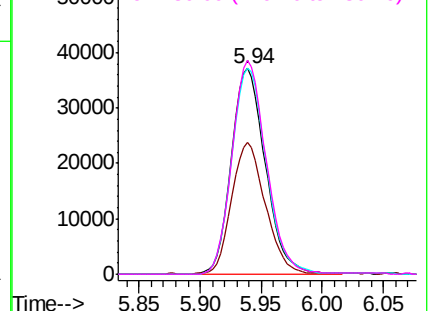
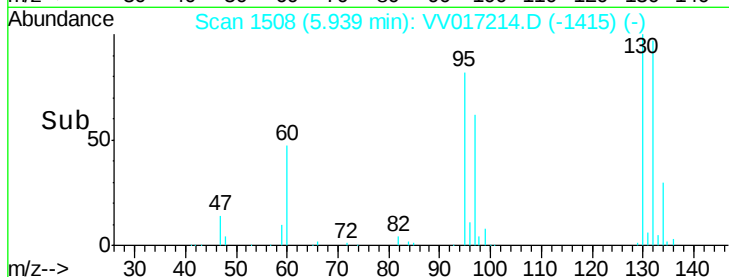
97 64.0 44.3 82.3

132 100.3 67.9 126.1

130 103.7 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VV017214.D (-1415) (-)



#48

2-Hexanone

Concen: 4.463 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017214.D

Acq: 27 Jun 2020 05:02

Tgt Ion: 43 Resp: 12536

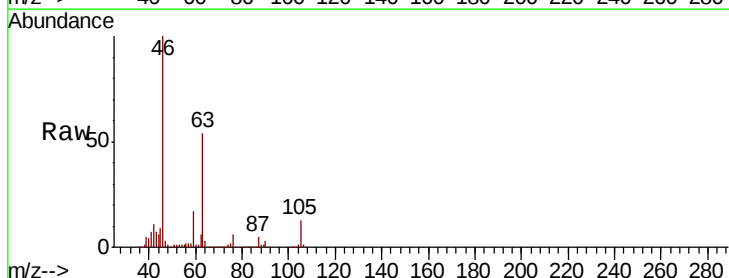
Ion Ratio Lower Upper

43 100

58 33.0 43.1 64.7#

57 26.0 15.3 22.9#

100 0.4 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV017214.D (-2105) (-)

