

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016617.D
 Acq On : 07 Jun 2020 03:20
 Operator : SY/MD
 Sample : L2875-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTW5

Quant Time: Jun 07 07:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 03:25:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367772	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113986	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.57	69	76826	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.70%
11) 1,1-Dichloroethene-d2	2.12	63	151972	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	3.90	46	178374	107.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.09%
24) Chloroform-d	4.37	84	234595	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.05	65	168553	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
32) Benzene-d6	5.07	84	477549	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.09	67	148582	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.44%
41) Toluene-d8	7.34	98	422671	50.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.96%
43) trans-1,3-Dichloropropene-	7.64	79	64135	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.11	63	130012	105.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187697	48.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	165942	57.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.70%

Target Compounds

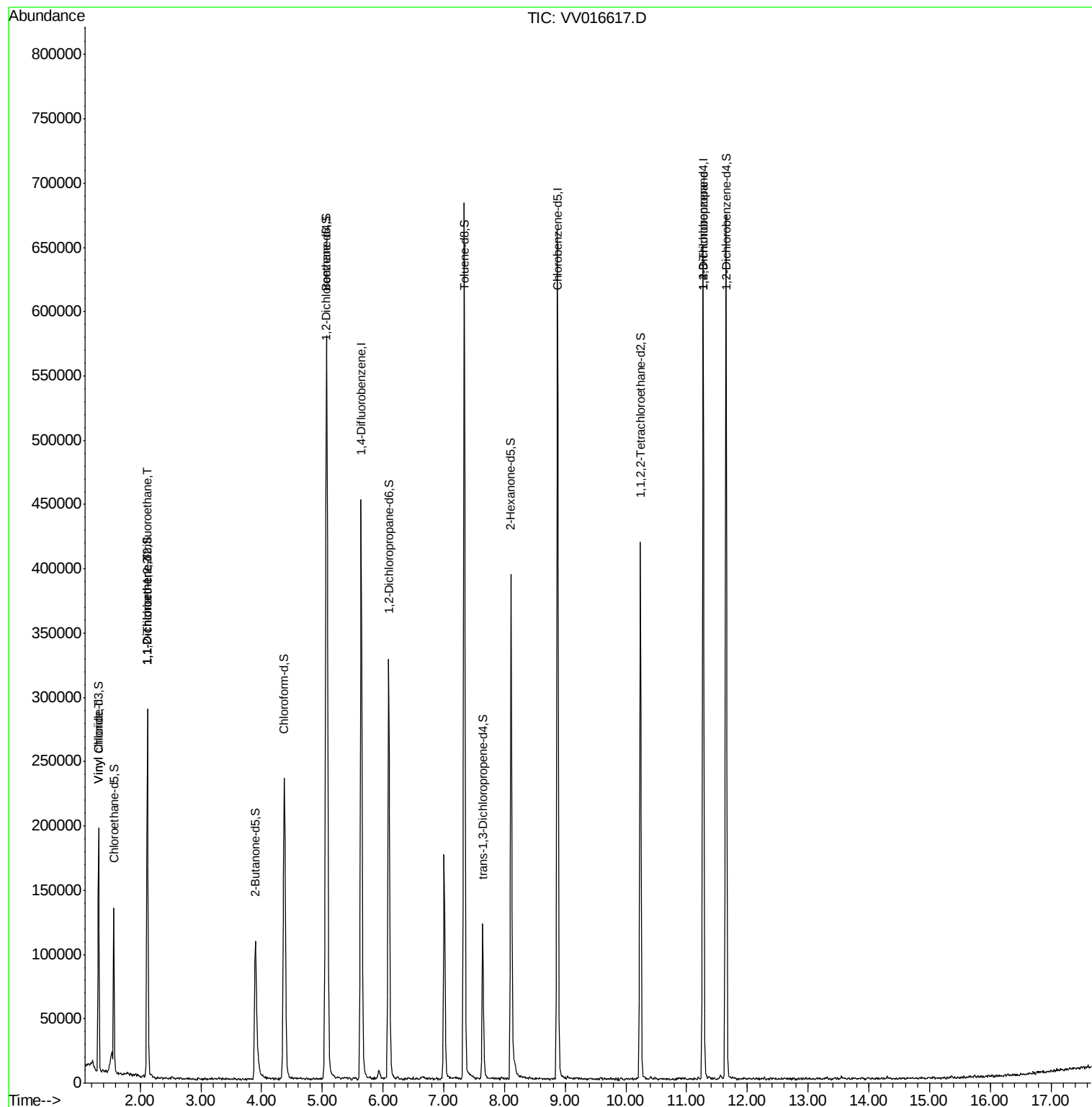
					Ovalue
5) Vinyl chloride	1.32	62	4085	1.446 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1591	0.750 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1489	0.729 ug/L #	1
59) 1,2,3-Trichloropropane	11.27	75	19636	5.965 ug/L	93

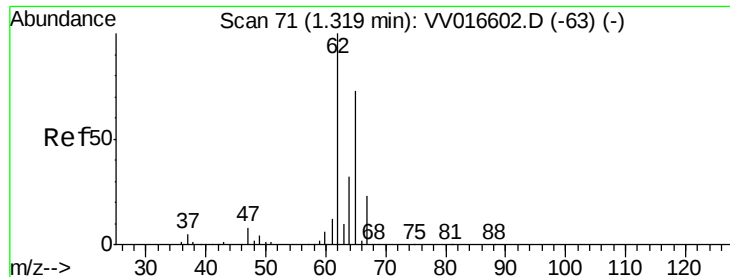
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.446 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

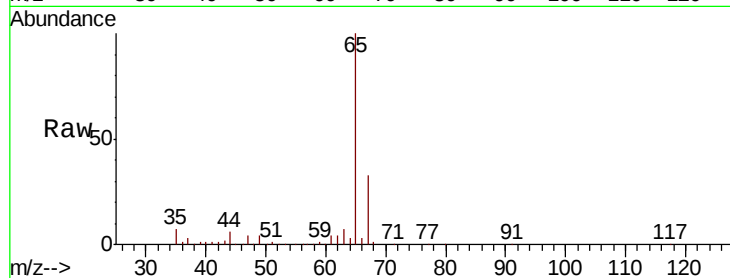
ETTW5

Tot Ion: 62 Resp: 4085

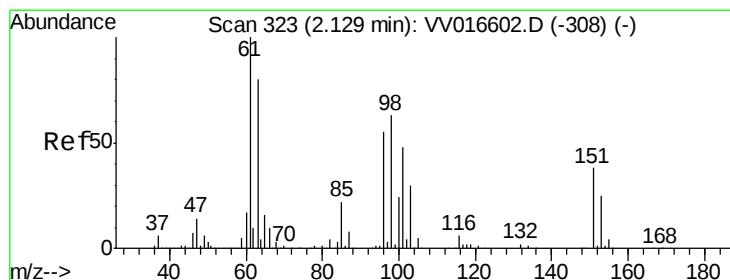
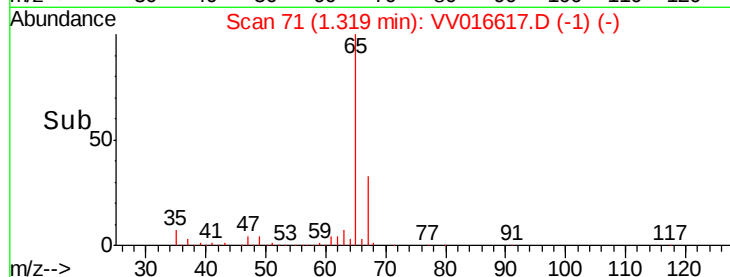
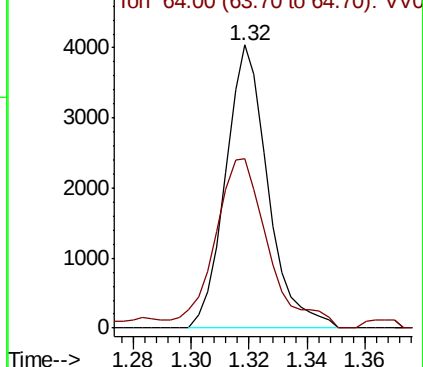
Ion Ratio Lower Upper

62 100

64 59.7 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV016617.D (-1) (-)



#10

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

Concen: 0.750 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016617.D

Acq: 07 Jun 2020 03:20

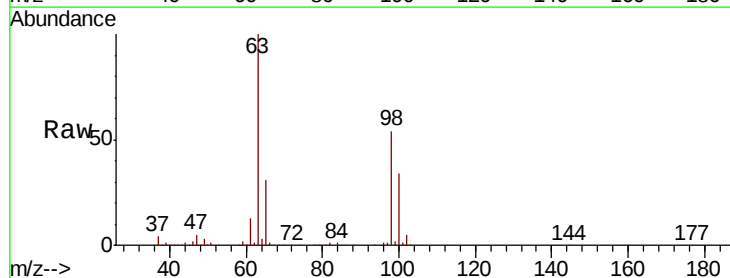
Tgt Ion: 101 Resp: 1591

Ion Ratio Lower Upper

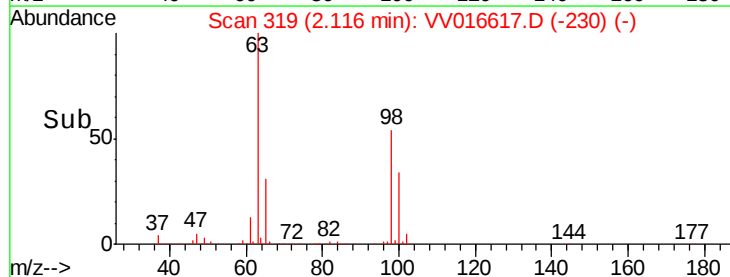
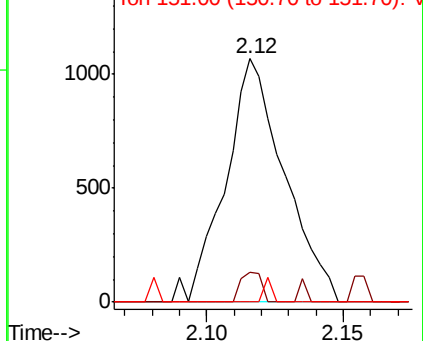
101 100

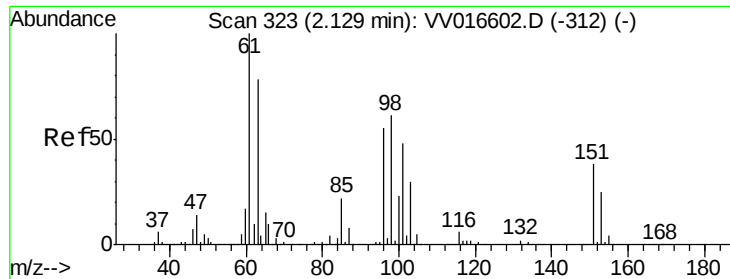
85 4.3 35.6 53.4#

151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016617.D (-230) (-)





#12

1,1-Dichloroethene

Concen: 0.729 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016617.D

Acq: 07 Jun 2020 03:20

Instrument :

MSVOA_V

ClientSampleId :

ETTW5

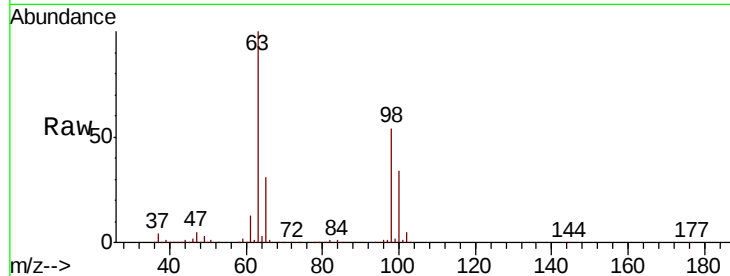
Tot Ion: 96 Resp: 1489

Ion Ratio Lower Upper

96 100

61 1462.7 125.5 233.1#

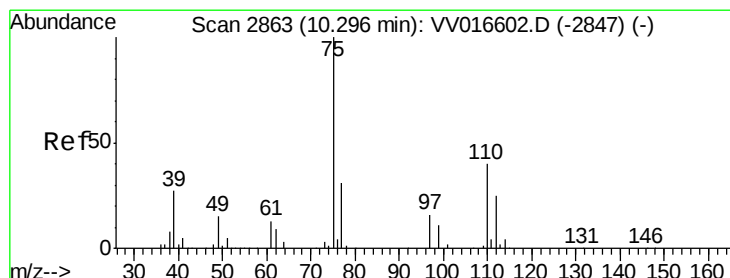
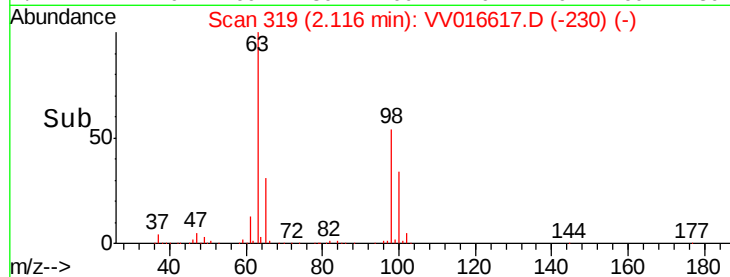
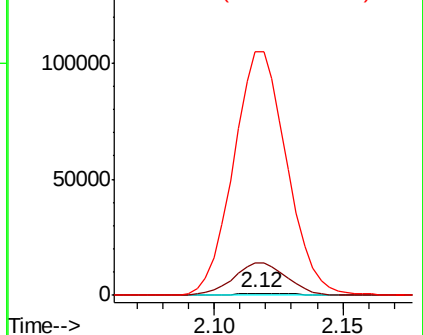
63 11025.9 104.0 193.1#



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



#59

1,2,3-Trichloropropane

Concen: 5.965 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016617.D

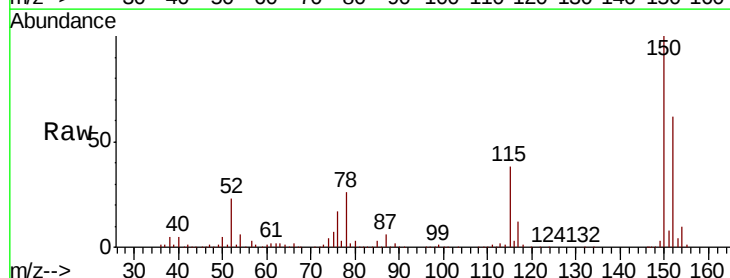
Acq: 07 Jun 2020 03:20

Tgt Ion: 75 Resp: 19636

Ion Ratio Lower Upper

75 100

77 37.5 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

