

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016703.D
 Acq On : 09 Jun 2020 09:43
 Operator : SY/MD
 Sample : L2862-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 10 00:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360172	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113235	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.12%
7) Chloroethane-d5	1.56	69	67021	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.90%
11) 1,1-Dichloroethene-d2	2.12	63	150283	35.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.42%
21) 2-Butanone-d5	3.90	46	181380	96.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.43%
24) Chloroform-d	4.37	84	236213	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.05	65	169724	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
32) Benzene-d6	5.07	84	459285	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
36) 1,2-Dichloropropane-d6	6.09	67	145547	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.34	98	408954	46.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.26%
43) trans-1,3-Dichloropropene-	7.64	79	68954	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.11	63	118812	90.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187201	46.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	166743	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

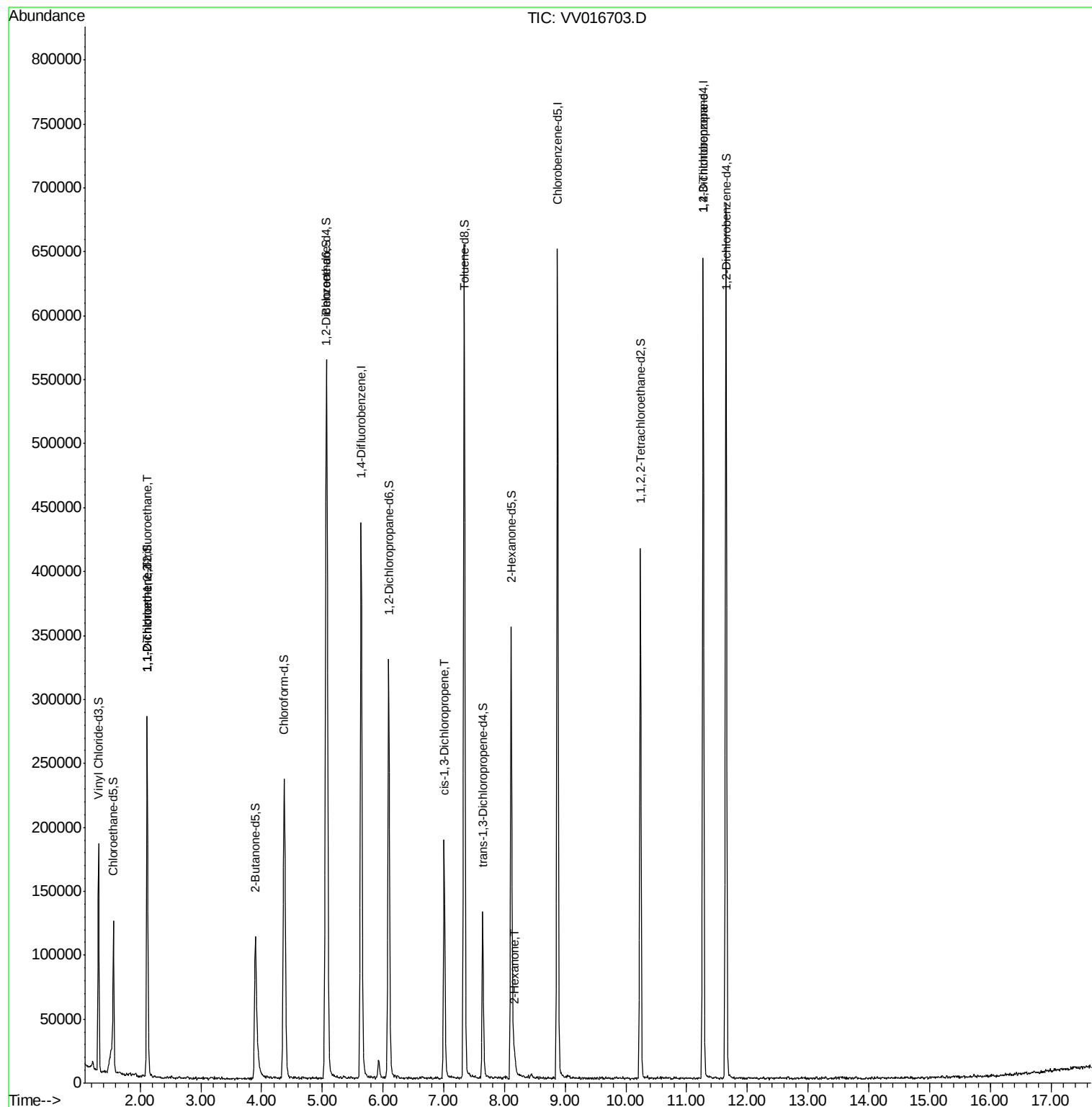
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1508	0.787 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1391	0.778 ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	4905	1.225 ug/L #	71
48) 2-Hexanone	8.17	43	9494	3.351 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	18817	5.882 ug/L	91

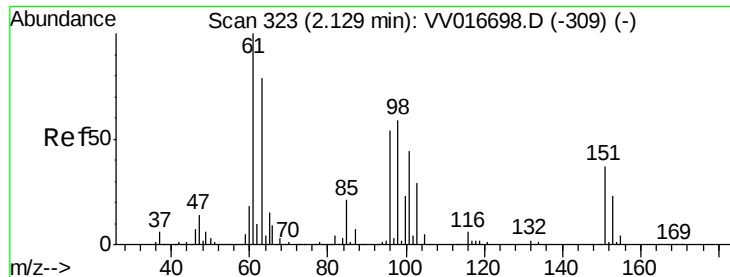
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.787 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016703.D

Acq: 09 Jun 2020 09:43

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

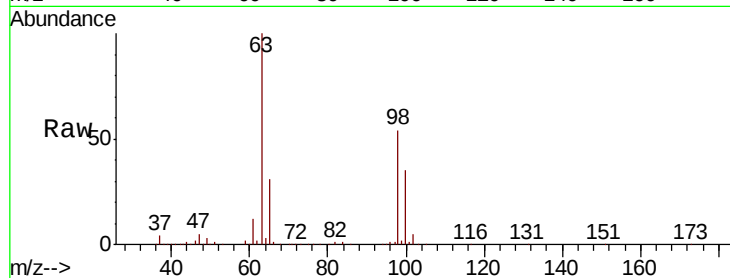
Tot Ion:101 Resp: 1508

Ion Ratio Lower Upper

101 100

85 2.7 35.5 53.3#

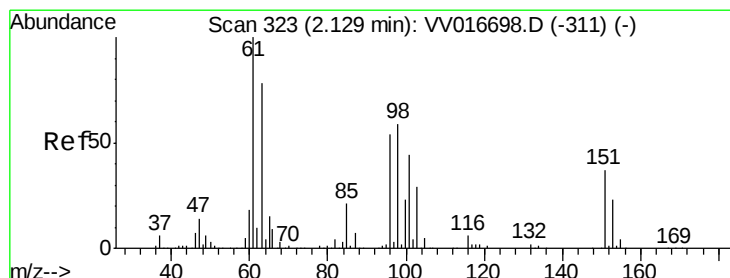
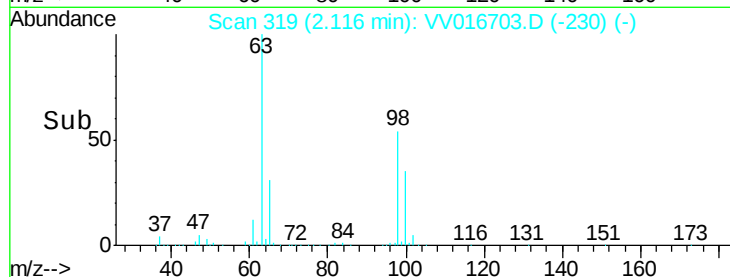
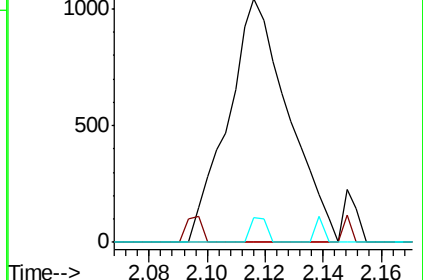
151 2.7 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016698.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV016698.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV016698.D (-309) (-)



#12

1,1-Dichloroethene

Concen: 0.778 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016703.D

Acq: 09 Jun 2020 09:43

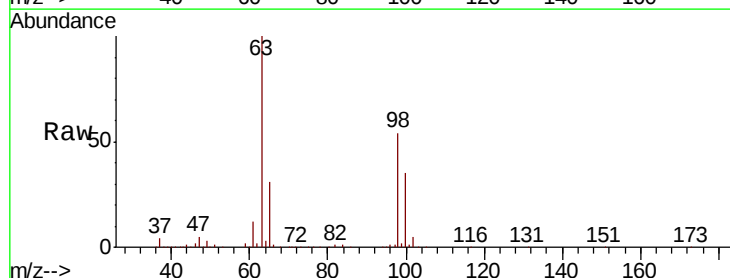
Tgt Ion: 96 Resp: 1391

Ion Ratio Lower Upper

96 100

61 1268.2 130.4 242.2#

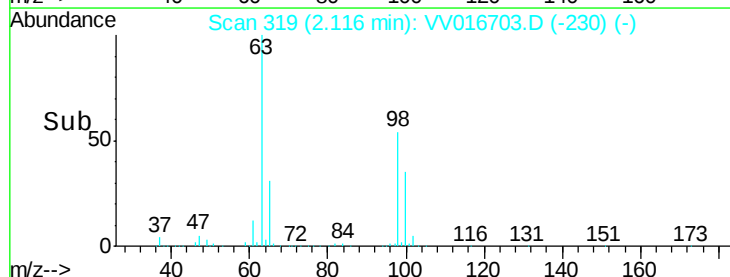
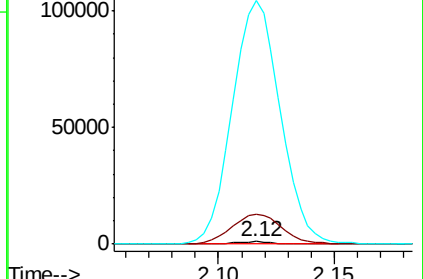
63 10297.4 103.3 191.9#

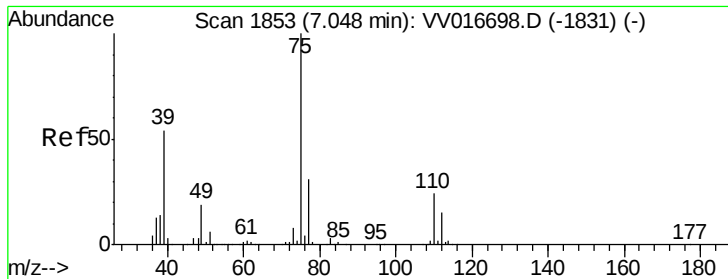


Abundance Ion 96.00 (95.70 to 96.70): VV016698.D (-311) (-)

Ion 61.00 (60.70 to 61.70): VV016698.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV016698.D (-311) (-)

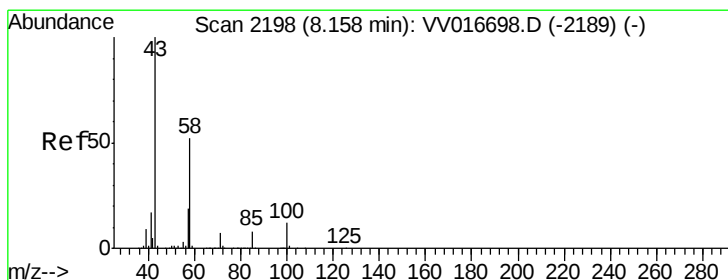
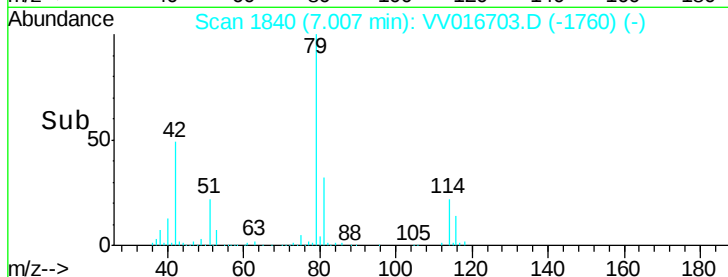
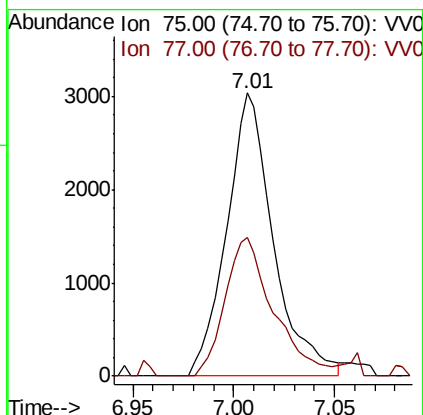
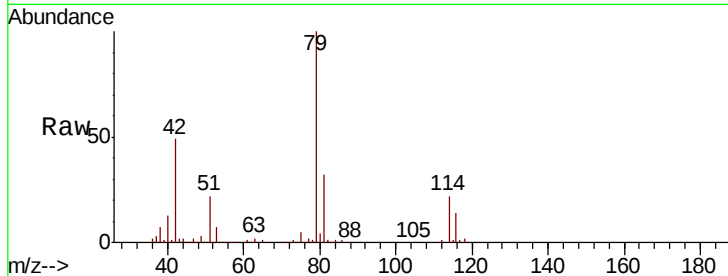




#39
 cis-1,3-Dichloropropene
 Concen: 1.225 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016703.D
 Acq: 09 Jun 2020 09:43

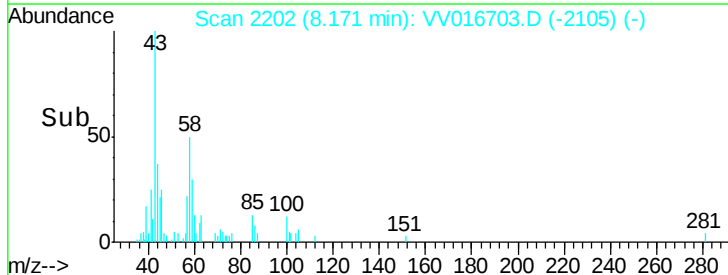
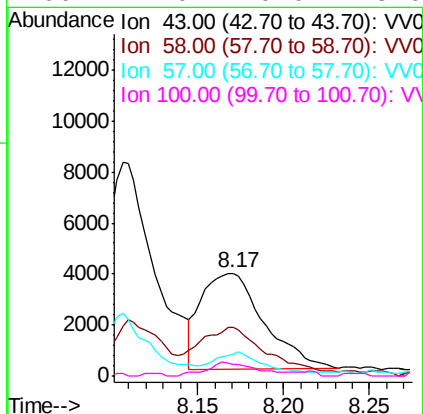
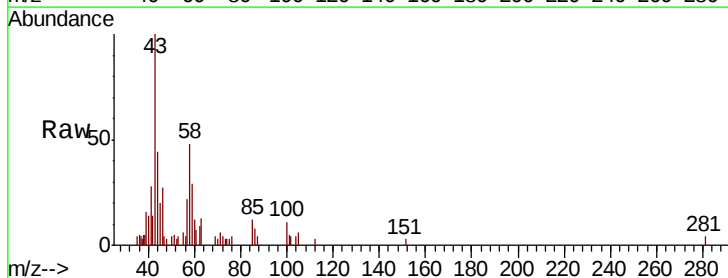
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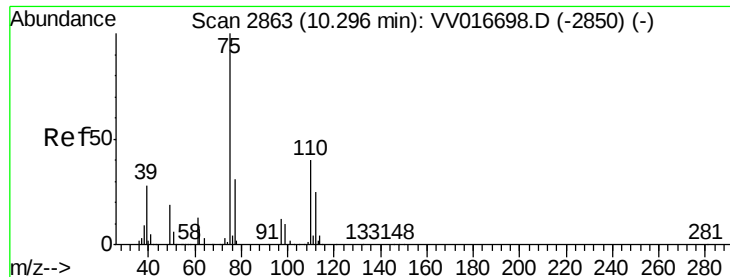
Tot Ion: 75 Resp: 4905
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.7 42.1#



#48
 2-Hexanone
 Concen: 3.351 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV016703.D
 Acq: 09 Jun 2020 09:43

Tgt Ion: 43 Resp: 9494
 Ion Ratio Lower Upper
 43 100
 58 52.1 43.1 64.7
 57 21.7 15.3 22.9
 100 11.0 10.0 15.0





#59

1,2,3-Trichloropropane

Concen: 5.882 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016703.D

Acq: 09 Jun 2020 09:43

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 18817

Ion Ratio Lower Upper

75 100

77 37.9 26.1 39.1

