

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018758.D
 Acq On : 08 Oct 2020 11:47
 Operator : SY/MD
 Sample : VV1008MBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK70

Quant Time: Oct 09 07:17:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	358786	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327053	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107935	51.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.58%
7) Chloroethane-d5	1.58	69	95745	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.06%
11) 1,1-Dichloroethene-d2	2.12	63	171693	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
21) 2-Butanone-d5	3.90	46	165664	105.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.55%
24) Chloroform-d	4.37	84	215389	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.05	65	157371	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
32) Benzene-d6	5.07	84	445000	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
36) 1,2-Dichloropropane-d6	6.09	67	131066	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.72%
41) Toluene-d8	7.34	98	343311	44.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.10%
43) trans-1,3-Dichloropropene-	7.64	79	61142	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.11	63	74474	78.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133087	40.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	152092	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%

Target Compounds

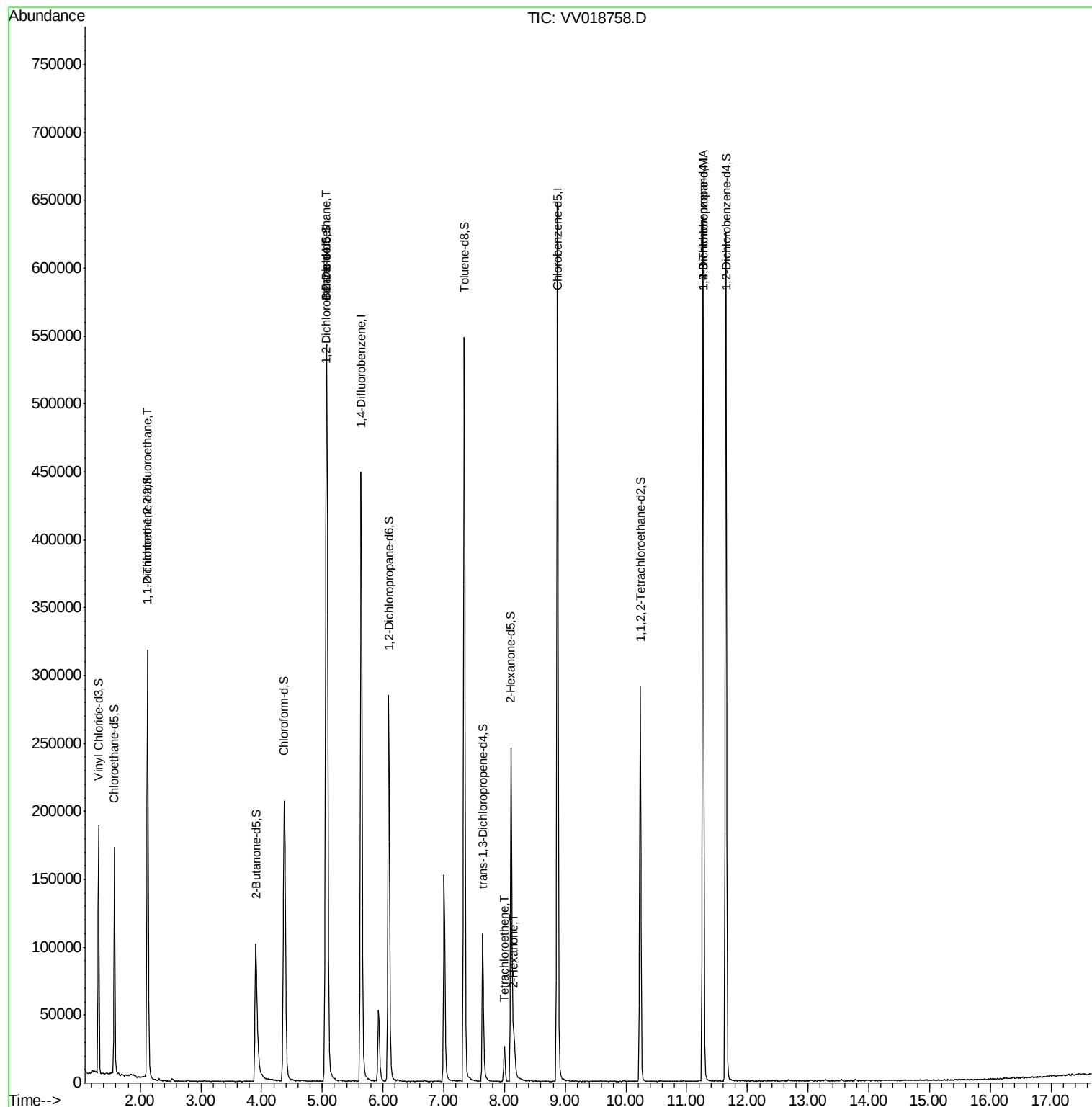
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1609	0.689 ug/L #	23
27) 1,2-Dichloroethane	5.07	62	3029	0.820 ug/L	96
46) Tetrachloroethene	8.00	164	6224	2.750 ug/L	89
48) 2-Hexanone	8.16	43	18989	7.651 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	19946	6.652 ug/L	93

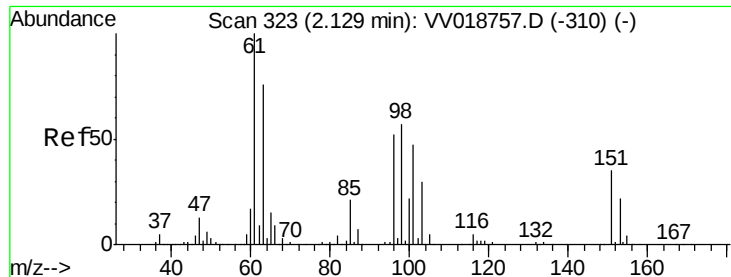
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 09 07:09:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.689 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018758.D

Acq: 08 Oct 2020 11:47

Instrument :

MSVOA_V

ClientSampleId :

VBLK70

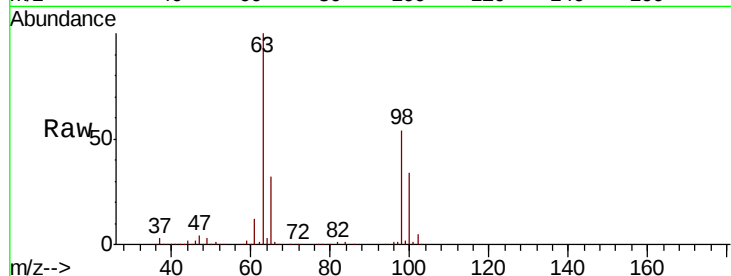
Tot Ion:101 Resp: 1609

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

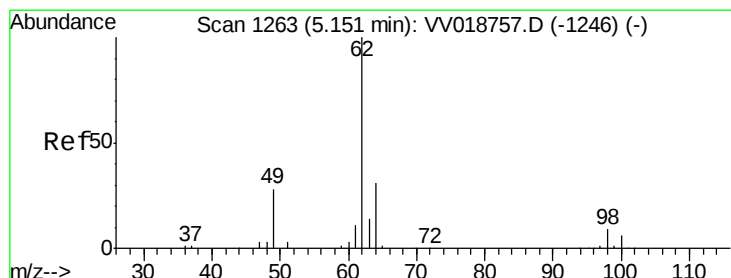
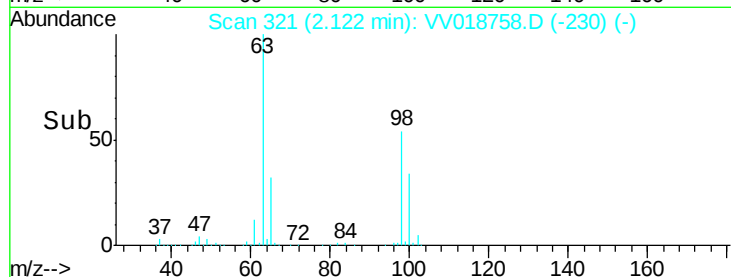
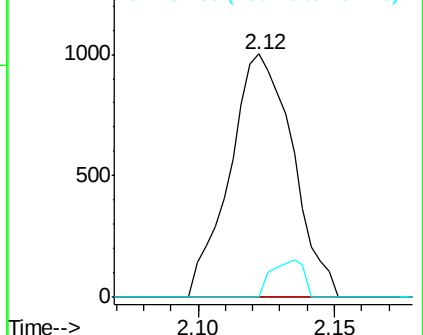
151 7.8 64.3 96.5#



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



#27

1,2-Dichloroethane

Concen: 0.820 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018758.D

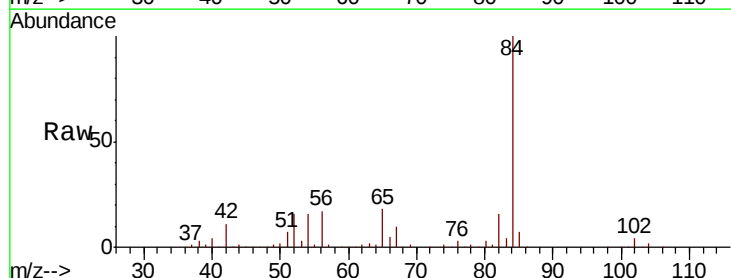
Acq: 08 Oct 2020 11:47

Tgt Ion: 62 Resp: 3029

Ion Ratio Lower Upper

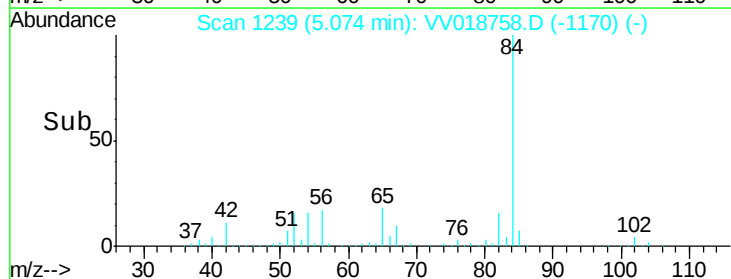
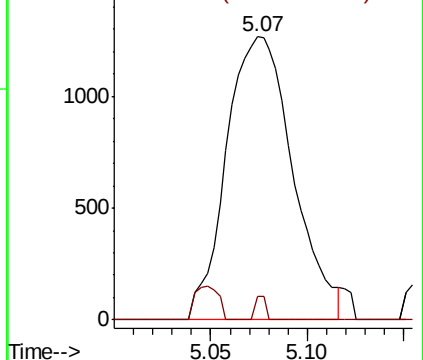
62 100

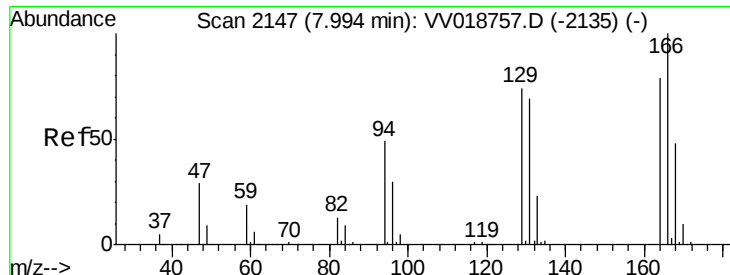
98 8.3 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 2.750 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018758.D

Acq: 08 Oct 2020 11:47

Instrument :

MSVOA_V

ClientSampleId :

VBLK70

Tot Ion:164 Resp: 6224

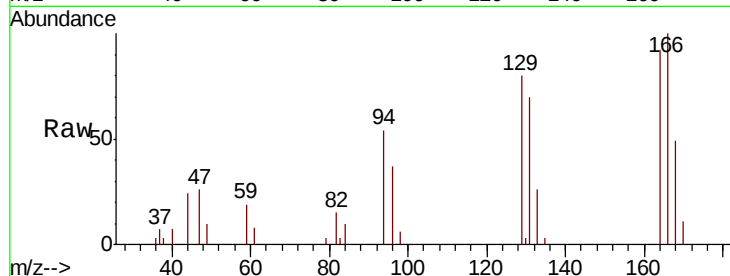
Ion Ratio Lower Upper

164 100

129 86.5 62.8 116.6

131 76.3 60.8 112.8

166 108.3 88.9 165.1

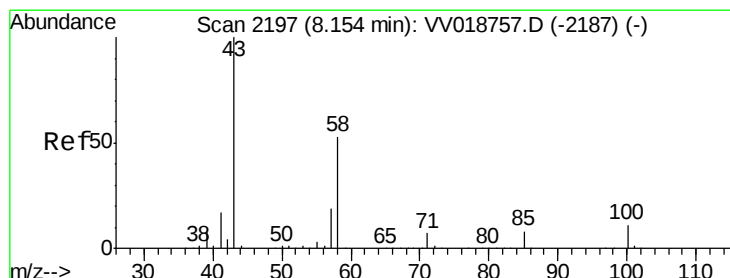
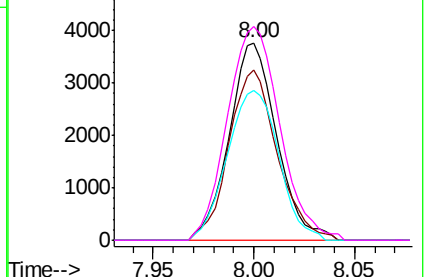
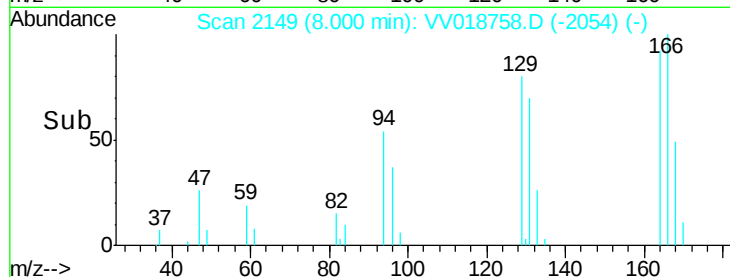


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 7.651 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018758.D

Acq: 08 Oct 2020 11:47

Tgt Ion: 43 Resp: 18989

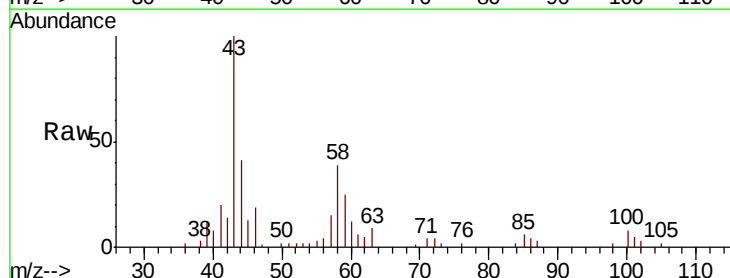
Ion Ratio Lower Upper

43 100

58 39.9 45.1 67.7#

57 15.5 15.7 23.5#

100 0.0 11.0 16.4#

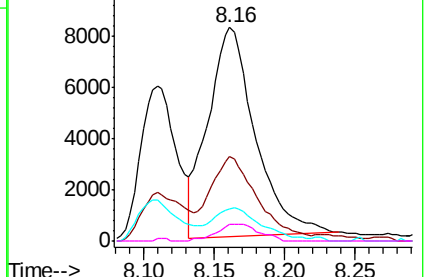
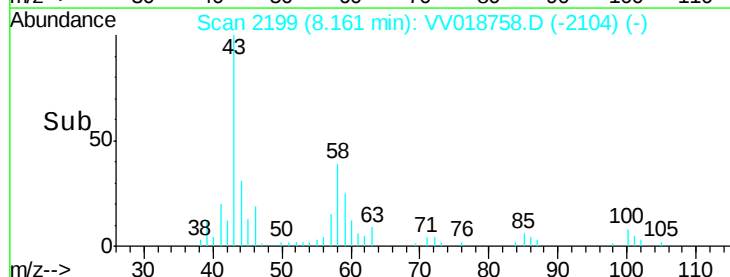


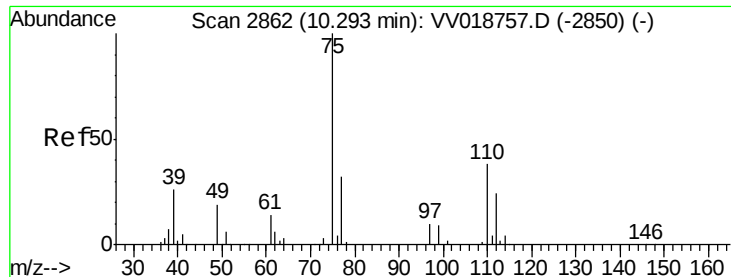
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.652 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018758.D

Acq: 08 Oct 2020 11:47

Instrument :

MSVOA_V

ClientSampleId :

VBLK70

Tot Ion: 75 Resp: 19946

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0

