

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018713.D
 Acq On : 07 Oct 2020 01:08
 Operator : SY/MD
 Sample : L4287-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:25:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270290	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293609	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77062	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.22%
7) Chloroethane-d5	1.58	69	63352	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.66%
11) 1,1-Dichloroethene-d2	2.12	63	119321	36.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.88%
21) 2-Butanone-d5	3.90	46	105345	89.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.09%
24) Chloroform-d	4.38	84	150605	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.06	65	108054	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
32) Benzene-d6	5.07	84	295500	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.46%
36) 1,2-Dichloropropane-d6	6.09	67	95859	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.32%
41) Toluene-d8	7.34	98	256769	36.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.40%#
43) trans-1,3-Dichloropropene-	7.64	79	43360	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.44%
47) 2-Hexanone-d5	8.11	63	54610	63.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.98%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	111994	37.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	109230	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%

Target Compounds

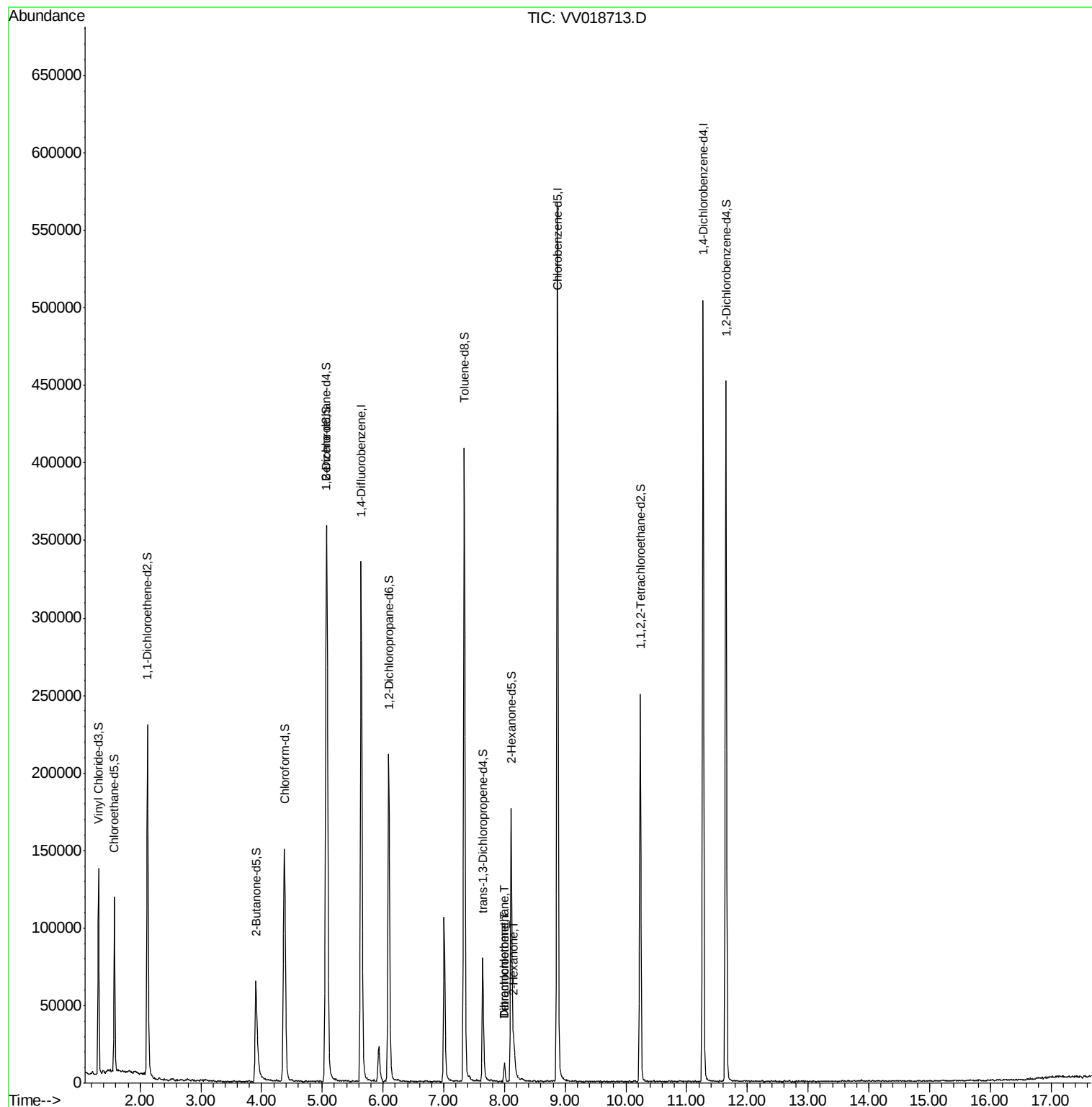
					Ovalue
46) Tetrachloroethene	8.00	164	2706	1.332 ug/L	90
48) 2-Hexanone	8.16	43	11548	5.183 ug/L #	71
49) Dibromochloromethane	8.00	129	2670	1.066 ug/L #	11

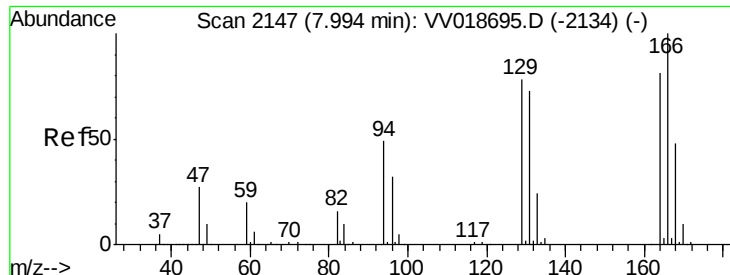
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 1.332 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018713.D

Acq: 07 Oct 2020 01:08

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 2706

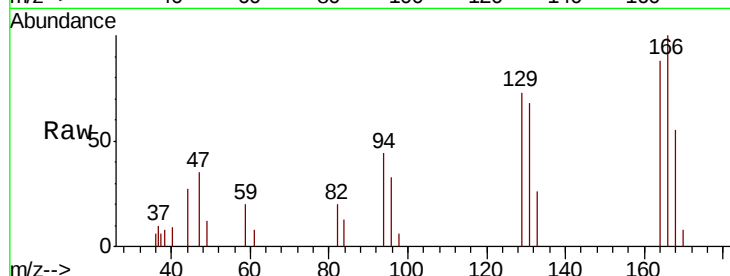
Ion Ratio Lower Upper

164 100

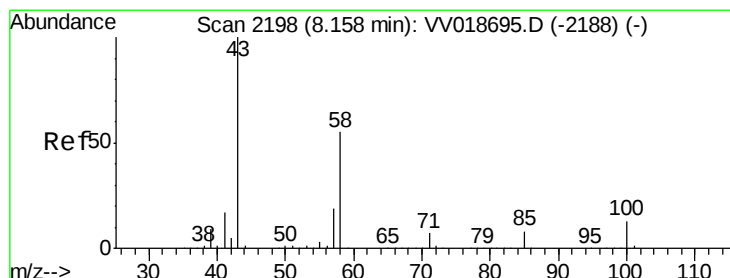
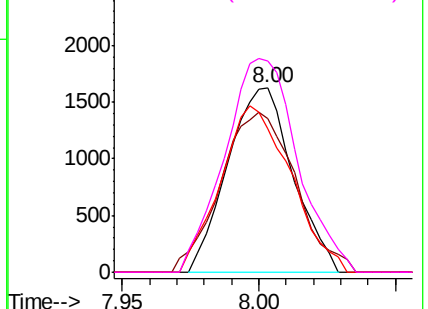
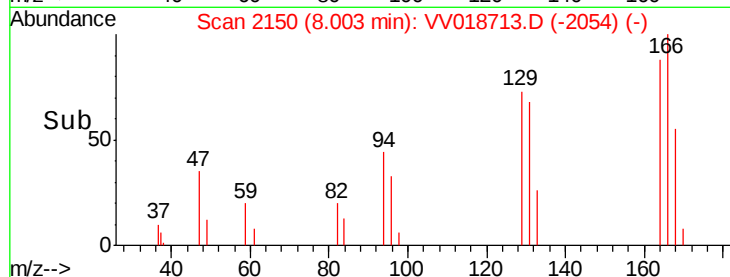
129 83.2 62.8 116.6

131 77.3 60.8 112.8

166 113.9 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: 5.183 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018713.D

Acq: 07 Oct 2020 01:08

Tgt Ion: 43 Resp: 11548

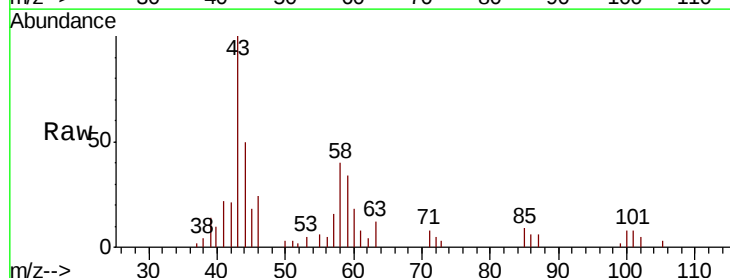
Ion Ratio Lower Upper

43 100

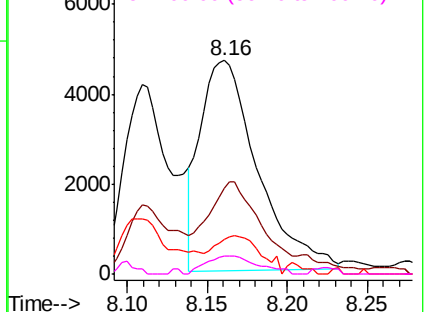
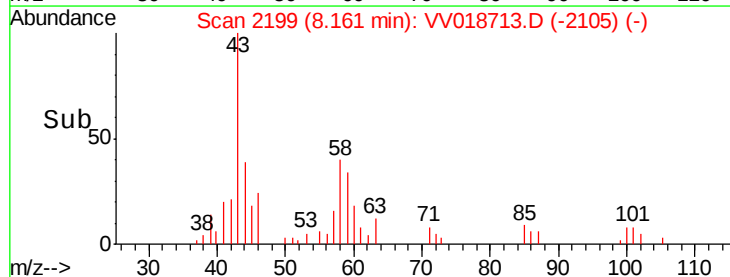
58 32.3 45.1 67.7#

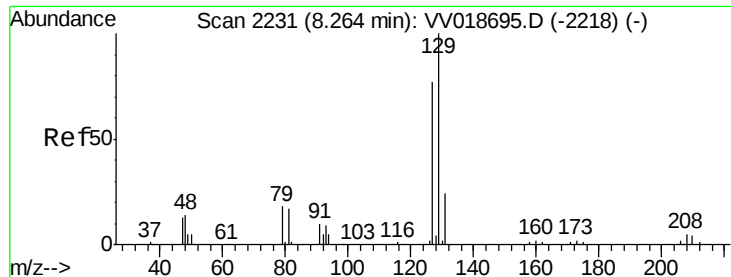
57 8.3 15.7 23.5#

100 7.4 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





#49

Dibromochloromethane

Concen: 1.066 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV018713.D

Acq: 07 Oct 2020 01:08

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:129 Resp: 2670

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

