

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019117.D
 Acq On : 26 Oct 2020 14:21
 Operator : SY/MD
 Sample : L4502-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG451

Quant Time: Oct 27 07:42:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91386	38.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.72%
7) Chloroethane-d5	1.58	69	76181	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.46%
11) 1,1-Dichloroethene-d2	2.12	63	147837	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	3.91	46	137912	86.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.07%
24) Chloroform-d	4.38	84	180467	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
26) 1,2-Dichloroethane-d4	5.06	65	132821	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.07	84	356761	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.09	67	111199	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.50%
41) Toluene-d8	7.34	98	328550	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%
43) trans-1,3-Dichloropropene-	7.64	79	59546	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.11	63	103351	88.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	152662	42.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	135591	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%

Target Compounds

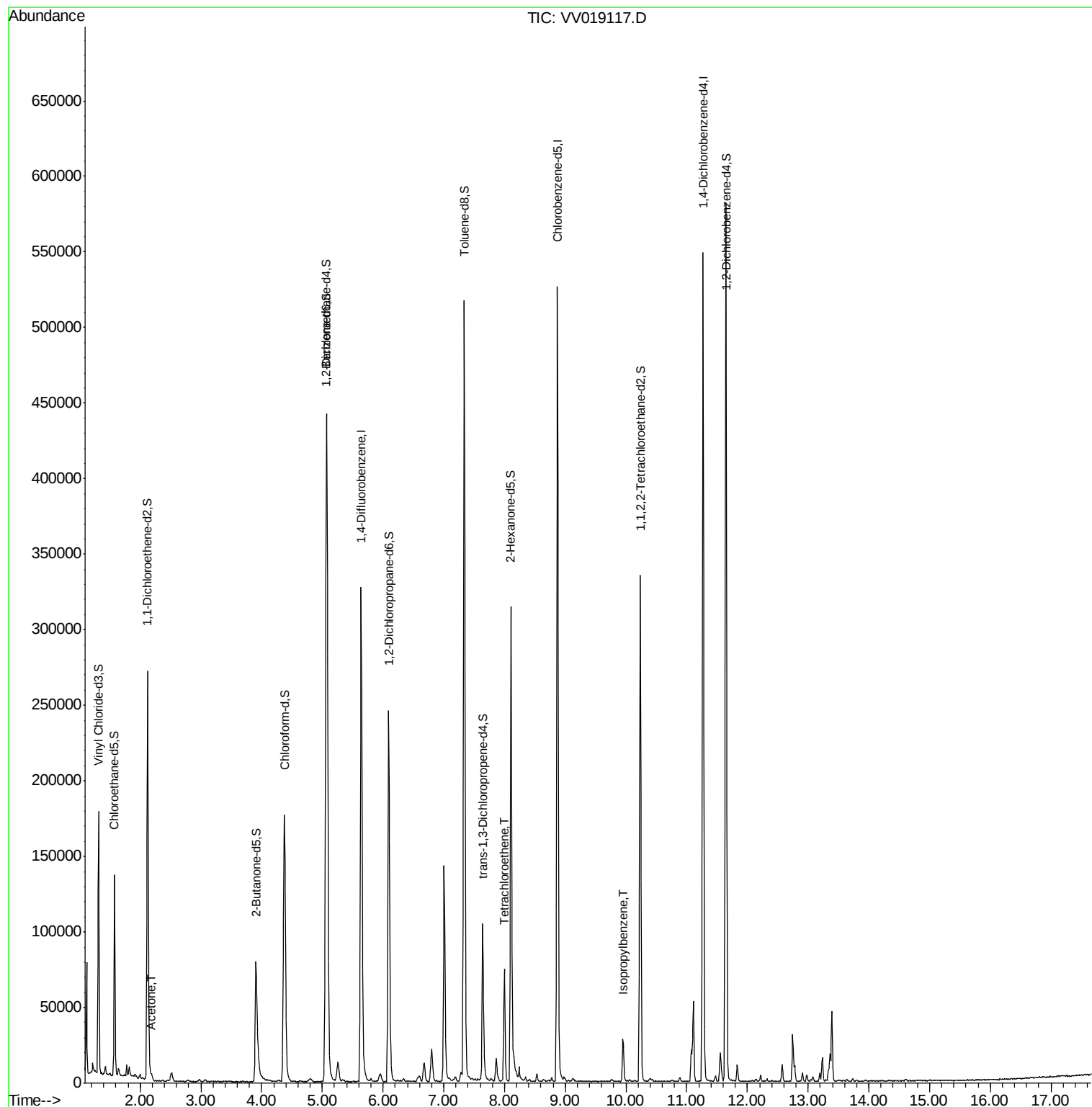
					Ovalue
13) Acetone	2.19	43	3333	3.069 ug/L	94
46) Tetrachloroethene	8.00	164	16672	10.322 ug/L	98
56) Isopropylbenzene	9.95	105	17097	1.995 ug/L	97

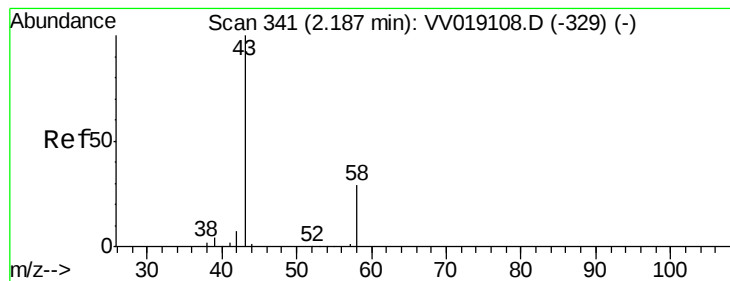
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.069 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019117.D

Acq: 26 Oct 2020 14:21

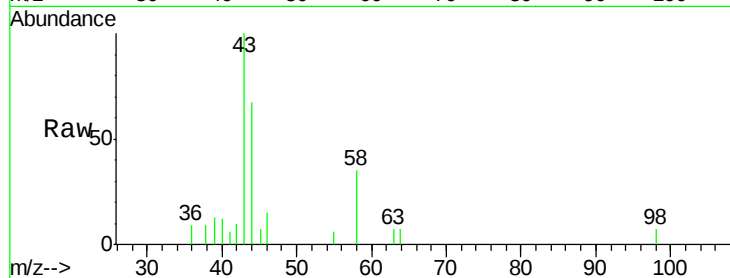
Instrument :
MSVOA_V
ClientSampleId :
BG451

Tot Ion: 43 Resp: 3333

Ion Ratio Lower Upper

43 100

58 33.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV019117.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV019117.D (-248) (-)

2.19

1500

1000

500

200

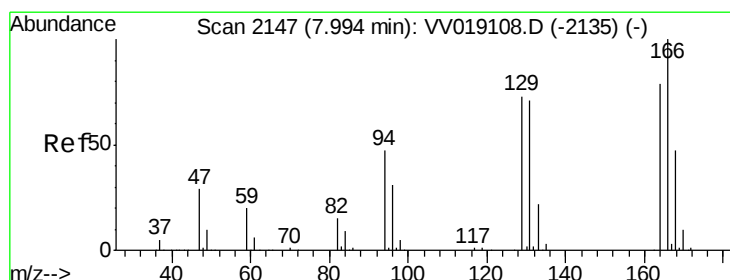
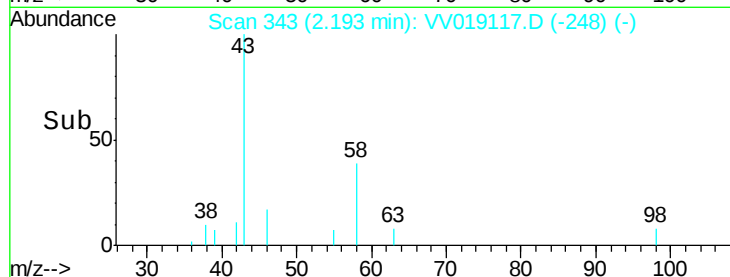
0

Time-->

2.15

2.20

2.25



#46

Tetrachloroethene

Concen: 10.322 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019117.D

Acq: 26 Oct 2020 14:21

Tgt Ion: 164 Resp: 16672

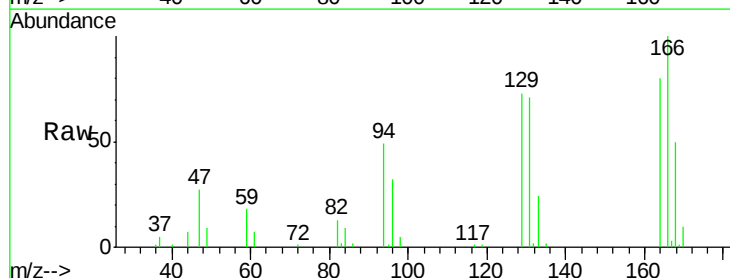
Ion Ratio Lower Upper

164 100

129 92.2 65.5 121.6

131 89.5 62.4 115.8

166 125.8 90.0 167.2



Abundance Ion 164.00 (163.70 to 164.70): VV019117.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019117.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019117.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019117.D (-2054) (-)

20000

15000

10000

5000

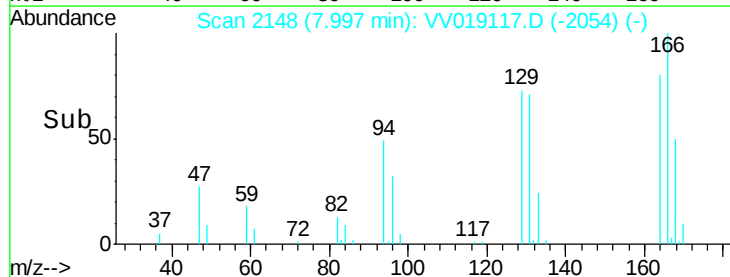
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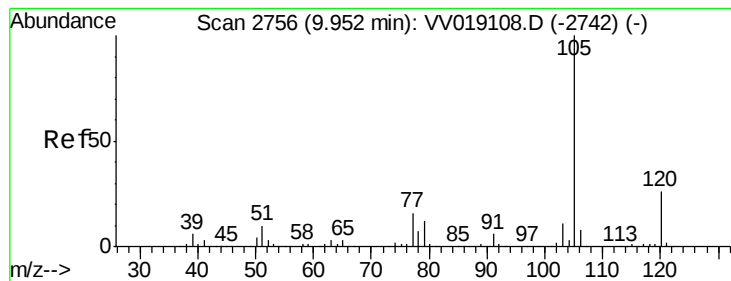
Time-->

7.95

8.00

8.05





#56
Isopropylbenzene
Concen: 1.995 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV019117.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	20.6	31.0
77	15.6	13.4	20.0

