

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015495.D
 Acq On : 15 Apr 2020 04:54
 Operator : SY/MD
 Sample : L2274-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YaqB3

Quant Time: Apr 15 07:11:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 05:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	106222	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31293	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	27450	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.12	63	44647	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.92	46	76507	49.44	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.38	84	55516	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	33224	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.08	84	117473	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	37179	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.34	98	109320	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.65	79	13813	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.11	63	61093	41.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26166	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	40399	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

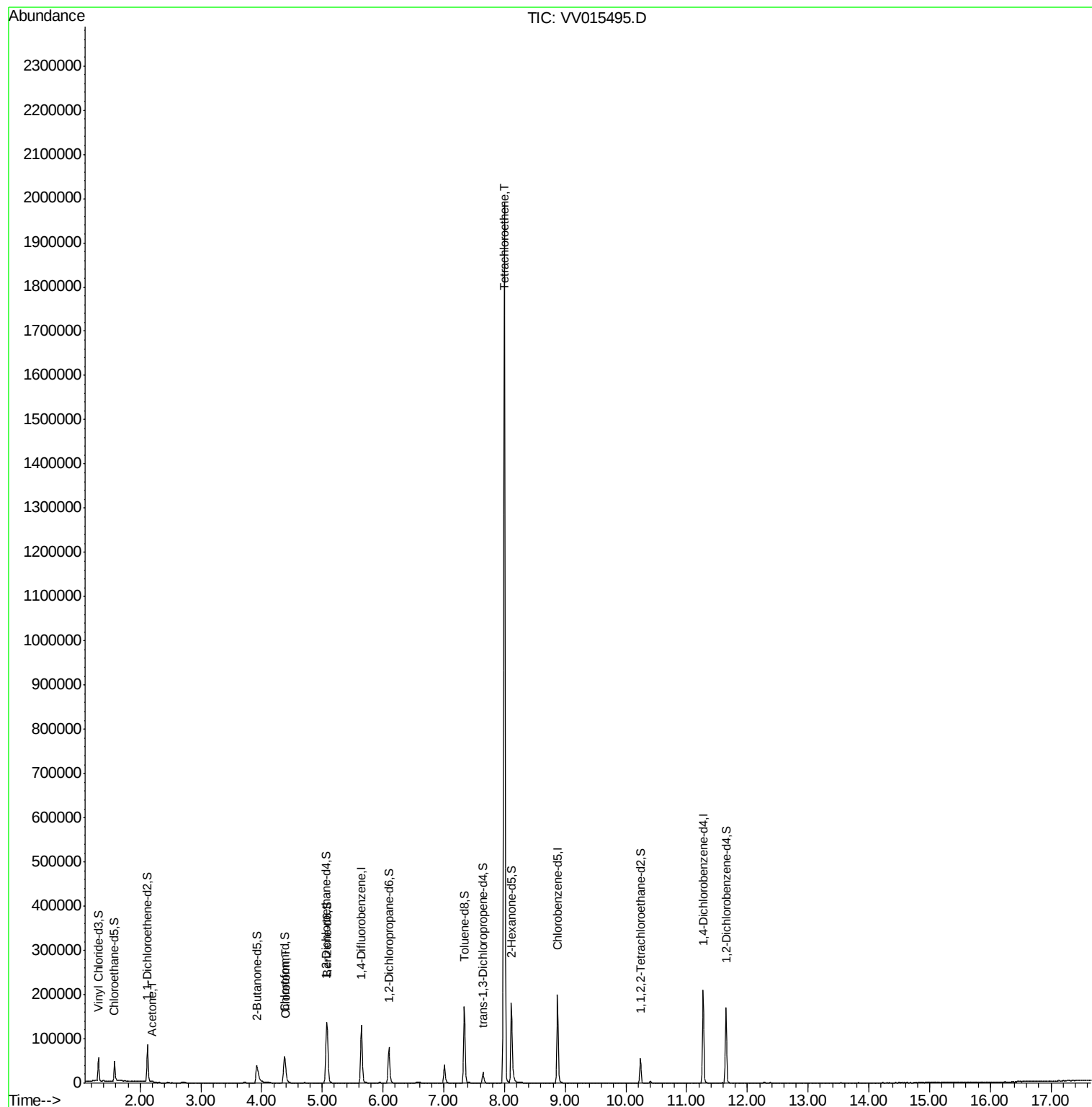
					Ovalue
13) Acetone	2.19	43	6332	5.791 ug/L #	63
25) Chloroform	4.40	83	6534	0.451 ug/L	96
47) Tetrachloroethene	8.00	164	409240	67.517 ug/L	99

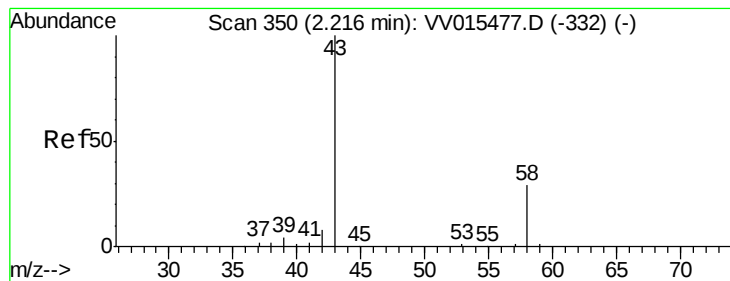
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.791 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

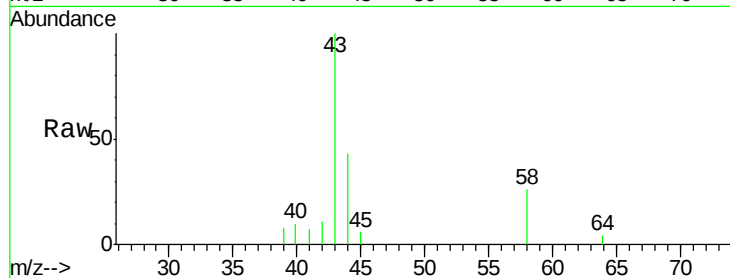
YaqB3

Tot Ion: 43 Resp: 6332

Ion Ratio Lower Upper

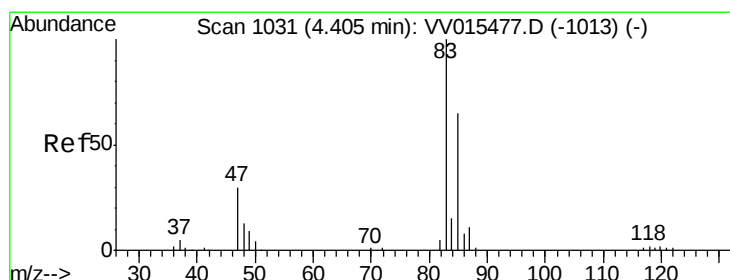
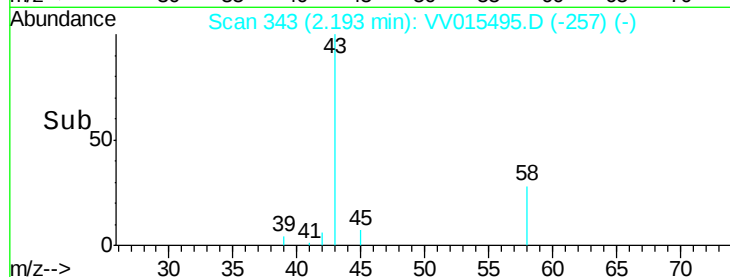
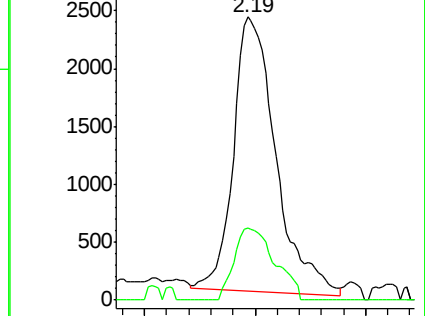
43 100

58 25.2 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.451 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

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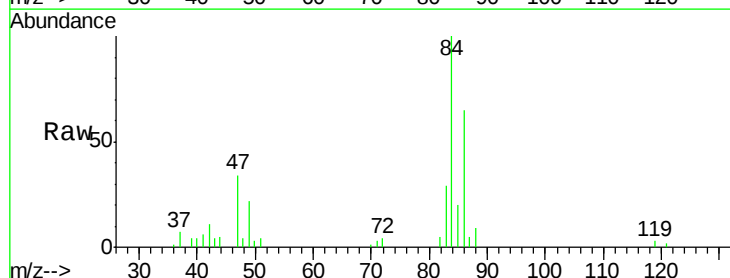
Acq: 15 Apr 2020 04:54

Tgt Ion: 83 Resp: 6534

Ion Ratio Lower Upper

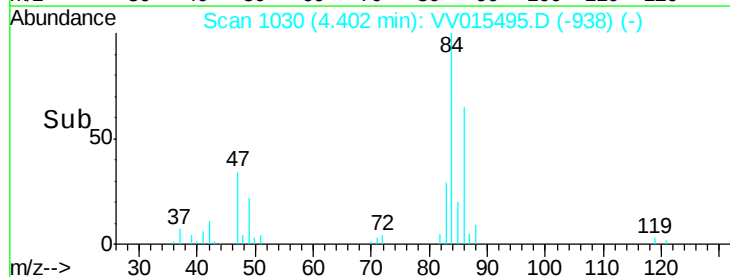
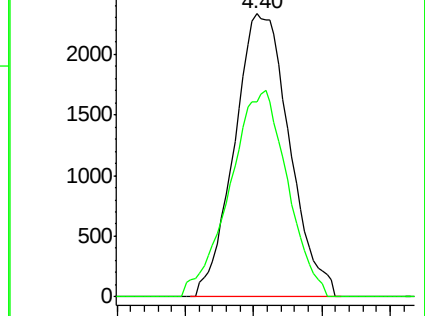
83 100

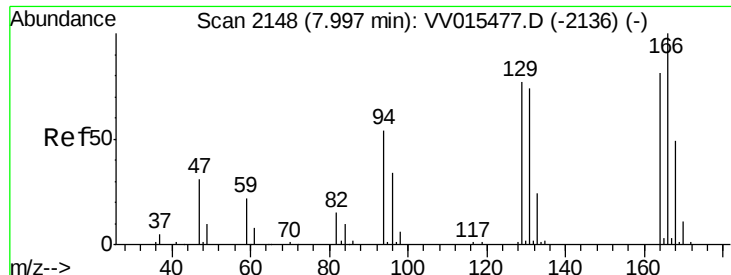
85 68.9 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#47

Tetrachloroethene

Concen: 67.517 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 409240

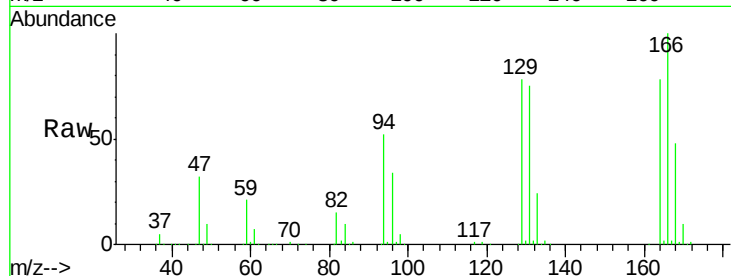
Ion Ratio Lower Upper

164 100

129 99.9 70.6 131.0

131 96.1 68.3 126.8

166 128.1 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

