

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015499.D
 Acq On : 15 Apr 2020 06:28
 Operator : SY/MD
 Sample : L2274-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YaqB7

Quant Time: Apr 15 07:34:13 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	106962	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50057	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30557	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.58	69	28438	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.12	63	44262	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.92	46	78045	50.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	4.38	84	54572	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	32890	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	118175	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.10	67	36403	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.34	98	108525	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.65	79	13408	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.11	63	62131	42.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25554	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	40068	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

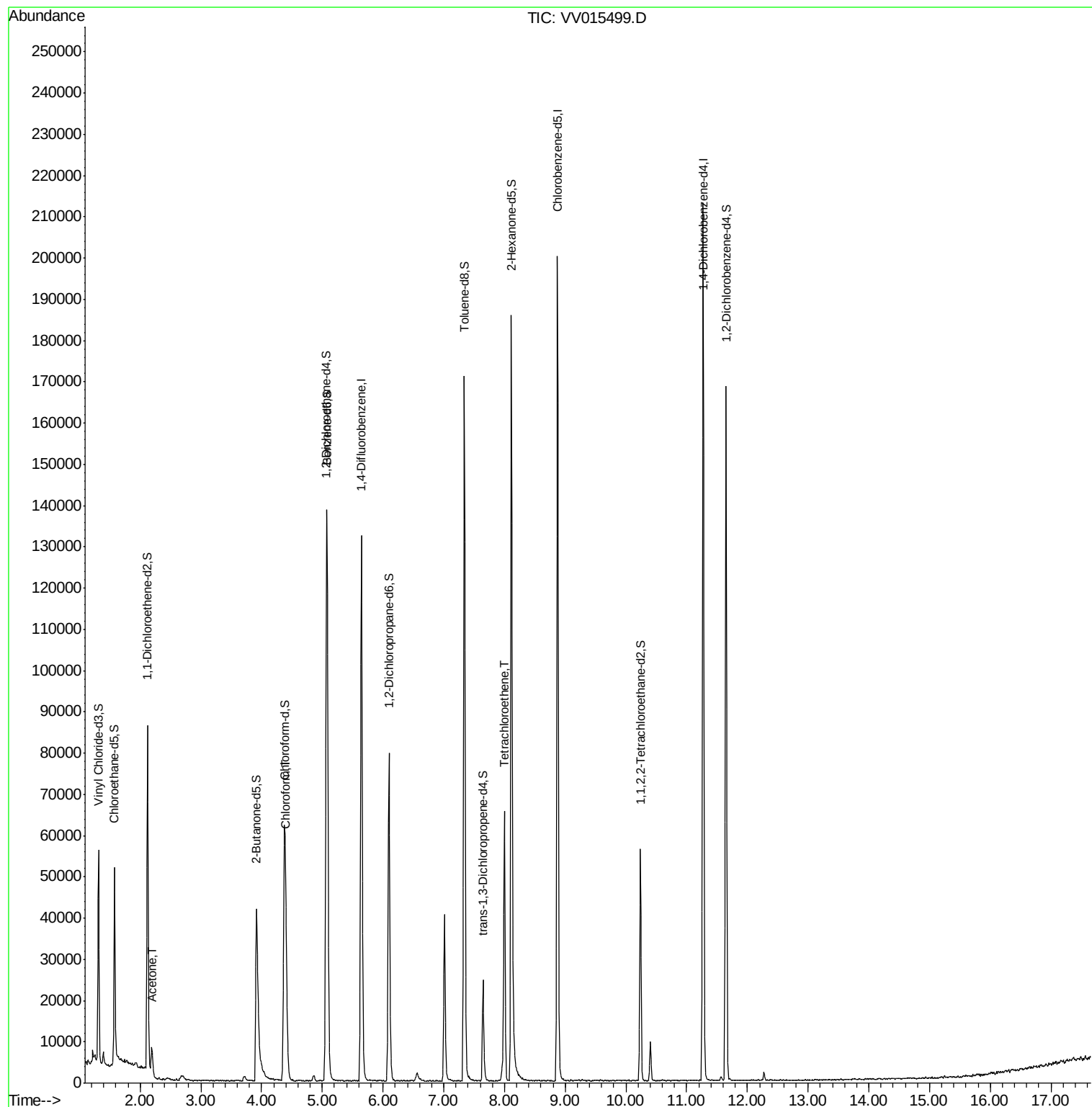
					Ovalue
13) Acetone	2.19	43	9611	8.730 ug/L #	53
25) Chloroform	4.41	83	22493	1.541 ug/L	92
47) Tetrachloroethene	8.00	164	13622	2.252 ug/L	97

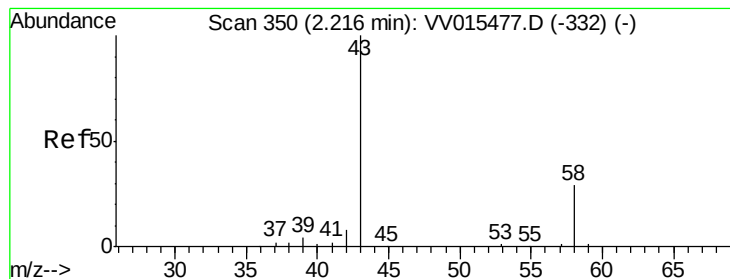
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.730 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV015499.D

Acq: 15 Apr 2020 06:28

Instrument :

MSVOA_V

ClientSampled :

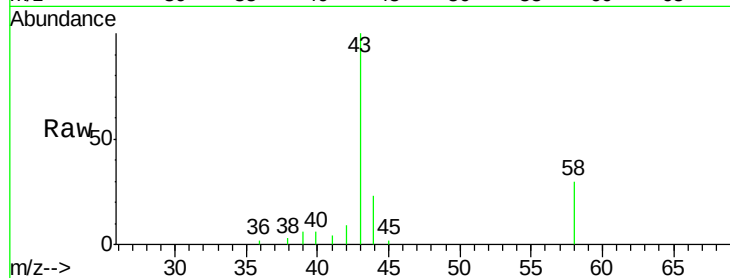
YaqB7

Tot Ion: 43 Resp: 9611

Ion Ratio Lower Upper

43 100

58 29.1 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

5000

4000

3000

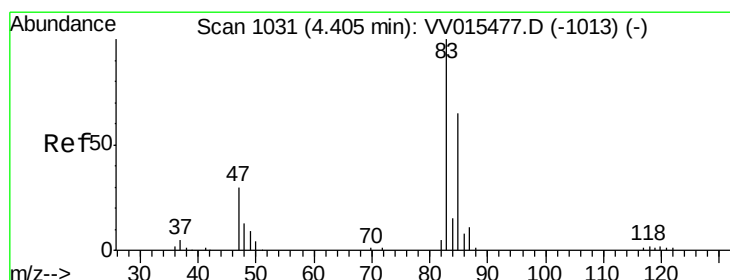
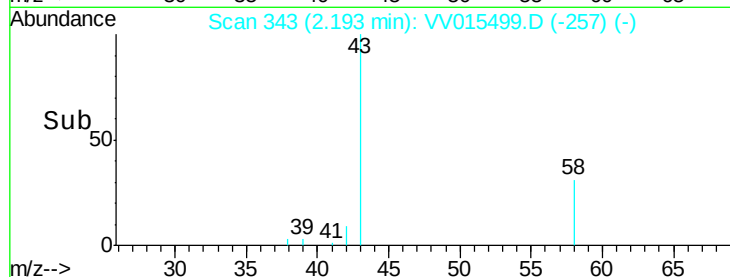
2000

1000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 1.541 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

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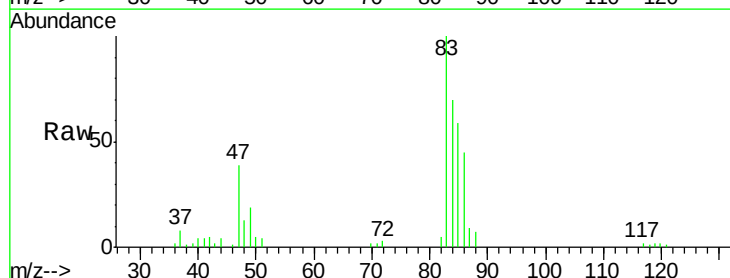
Acq: 15 Apr 2020 06:28

Tgt Ion: 83 Resp: 22493

Ion Ratio Lower Upper

83 100

85 59.5 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

10000

8000

6000

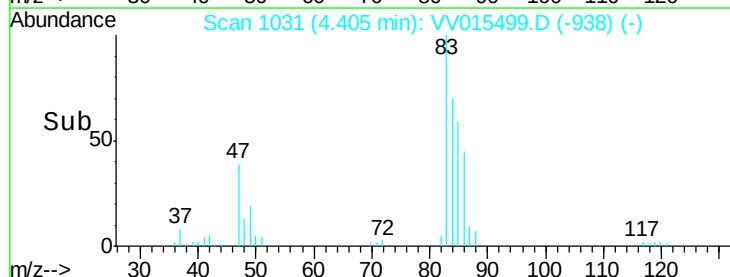
4000

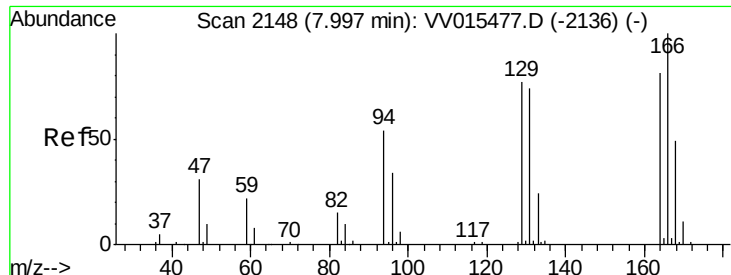
2000

0

Time-->

4.30 4.40 4.50





#47

Tetrachloroethene

Concen: 2.252 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015499.D

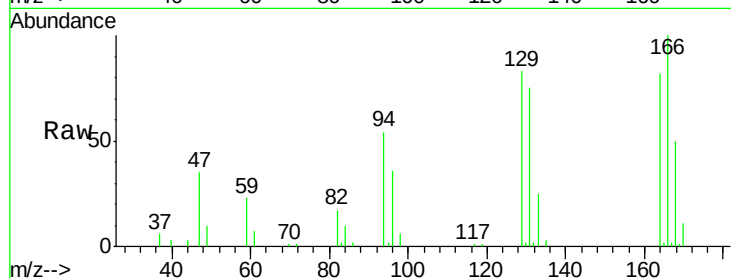
Acq: 15 Apr 2020 06:28

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Tot Ion:164 Resp: 13622

Ion Ratio Lower Upper

164 100

129 101.2 70.6 131.0

131 91.3 68.3 126.8

166 122.5 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

