

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015977.D
 Acq On : 08 May 2020 19:50
 Operator : SY/MD
 Sample : L2520-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z4

Quant Time: May 09 05:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139463	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136053	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32131	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	34394	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.12	63	55356	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.92	46	111401	51.62	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	4.38	84	74915	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	48843	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	159061	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	50579	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.34	98	142186	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
45) trans-1,3-Dichloropropene-	7.65	79	15969	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
48) 2-Hexanone-d5	8.11	63	81383	47.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35661	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	53731	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

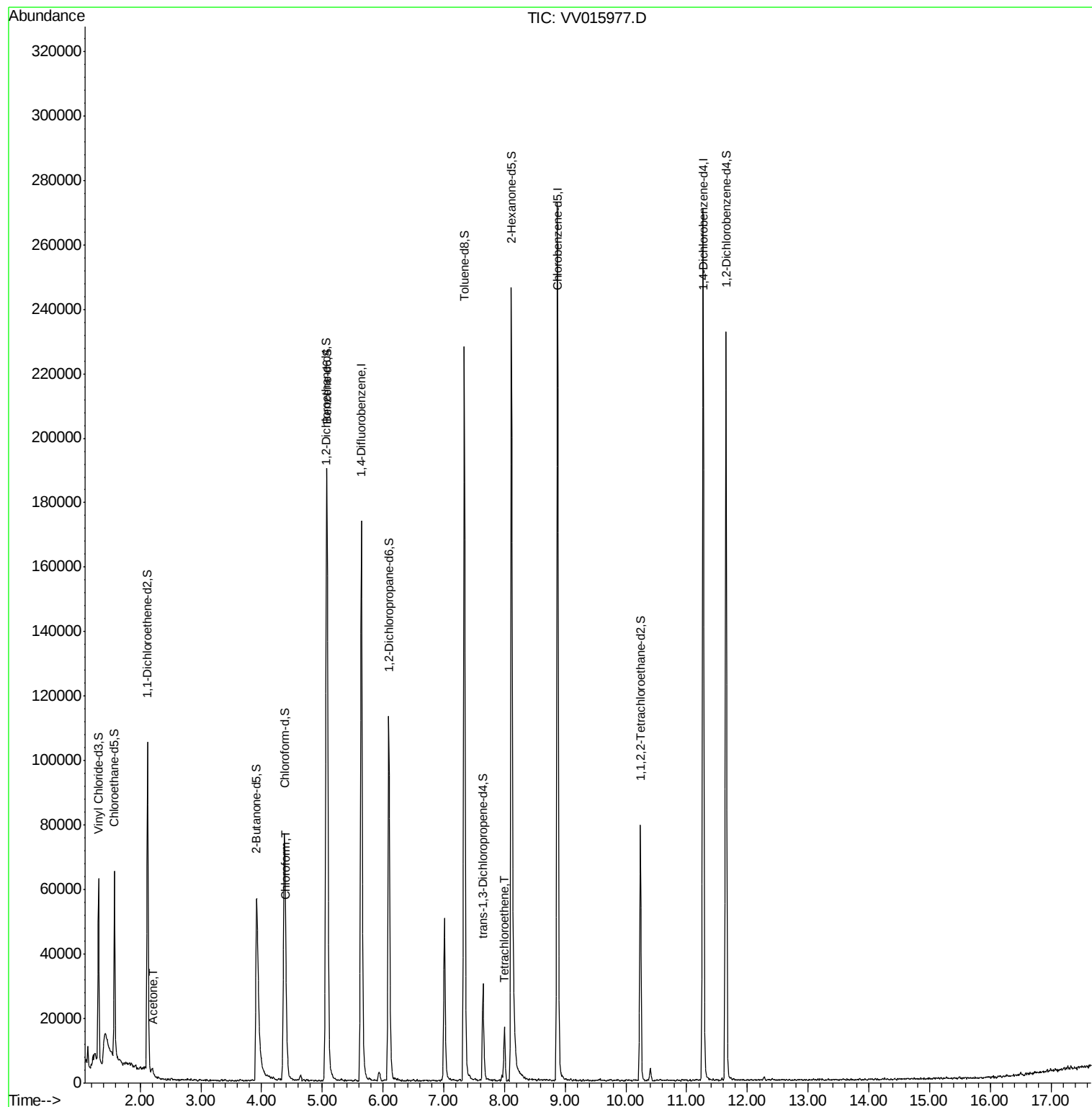
Target Compounds					Ovalue
13) Acetone	2.20	43	3994	2.805 ug/L	80
25) Chloroform	4.41	83	11043	0.614 ug/L	99
49) Tetrachloroethene	8.00	164	3623	0.531 ug/L	91

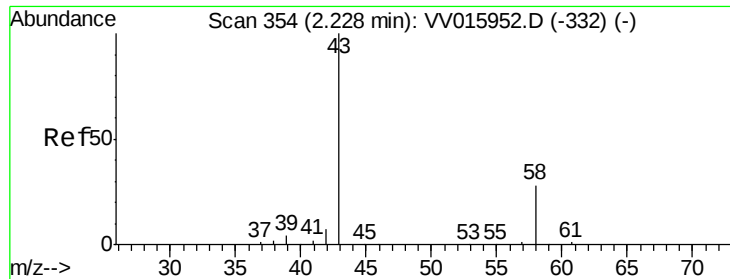
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.805 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

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MSVOA_V

ClientSampleId :

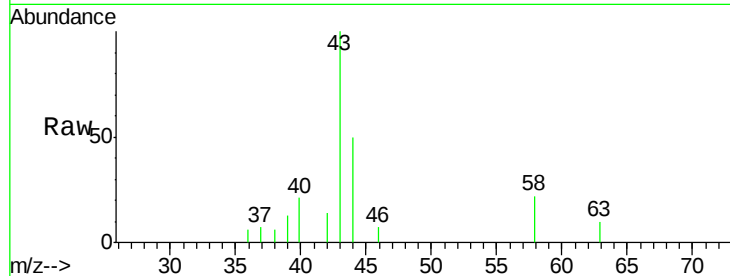
H41Z4

Tot Ion: 43 Resp: 3994

Ion Ratio Lower Upper

43 100

58 23.9 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015977.D (-261) (-)

Ion 58.05 (57.75 to 58.75): VV015977.D (-261) (-)

2.20

1500

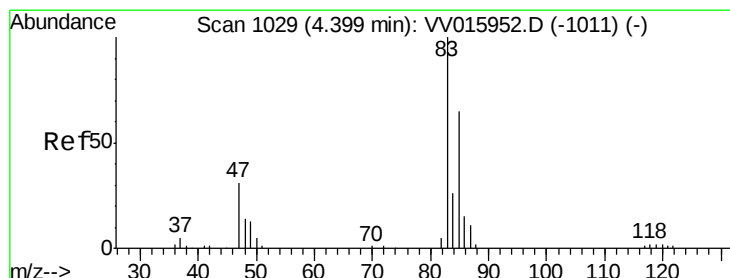
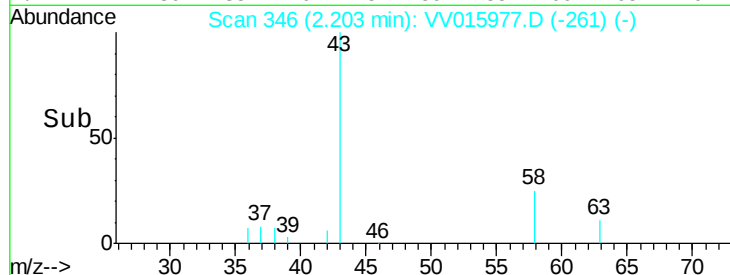
1000

500

0

Time-->

2.10 2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 0.614 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

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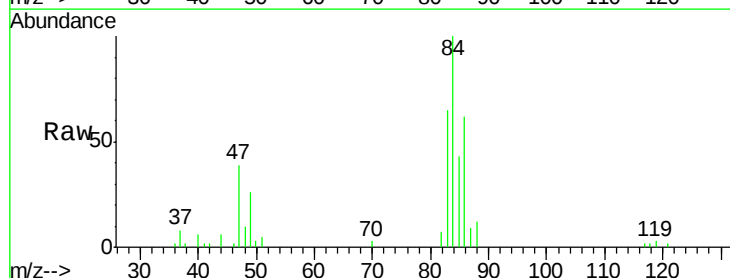
Acq: 08 May 2020 19:50

Tgt Ion: 83 Resp: 11043

Ion Ratio Lower Upper

83 100

85 66.0 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015977.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015977.D (-936) (-)

4.41

4000

3000

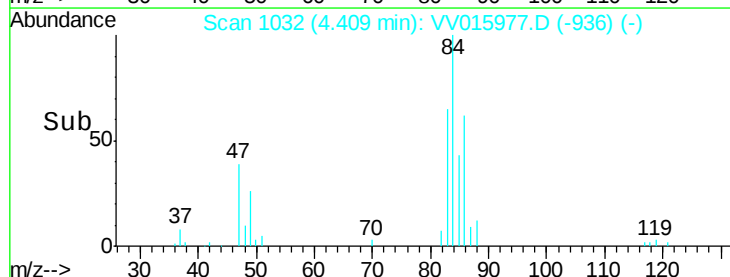
2000

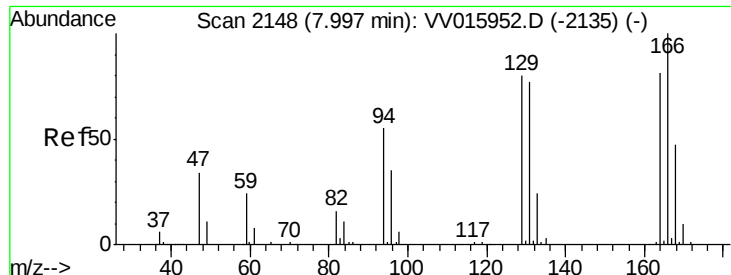
1000

0

Time-->

4.30 4.35 4.40 4.45 4.50





#49

Tetrachloroethene

Concen: 0.531 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

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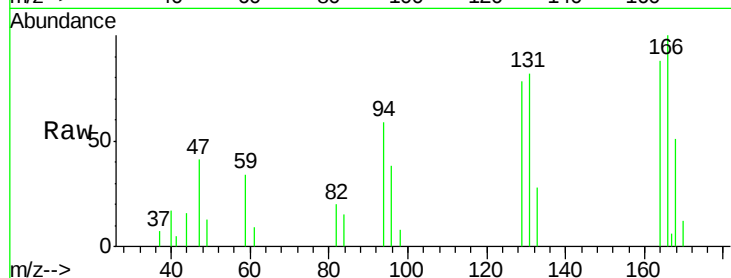
Acq: 08 May 2020 19:50

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Tot Ion:164 Resp: 3623

Ion Ratio Lower Upper

164 100

129 88.7 69.7 129.4

131 93.3 66.8 124.2

166 113.4 89.1 165.5

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

