

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014344.D
 Acq On : 17 Jan 2020 18:24
 Operator : SY/MD
 Sample : L1169-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF779

Quant Time: Jan 18 00:37:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	765308	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	699936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	318467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	224818	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.59	69	196635	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	279314	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.93	46	736688	57.27	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.54%
24) Chloroform-d	4.40	84	443766	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.08	65	254669	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	1043429	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	331993	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	920113	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.66	79	130994	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.13	63	654565	53.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	243083	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	308091	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

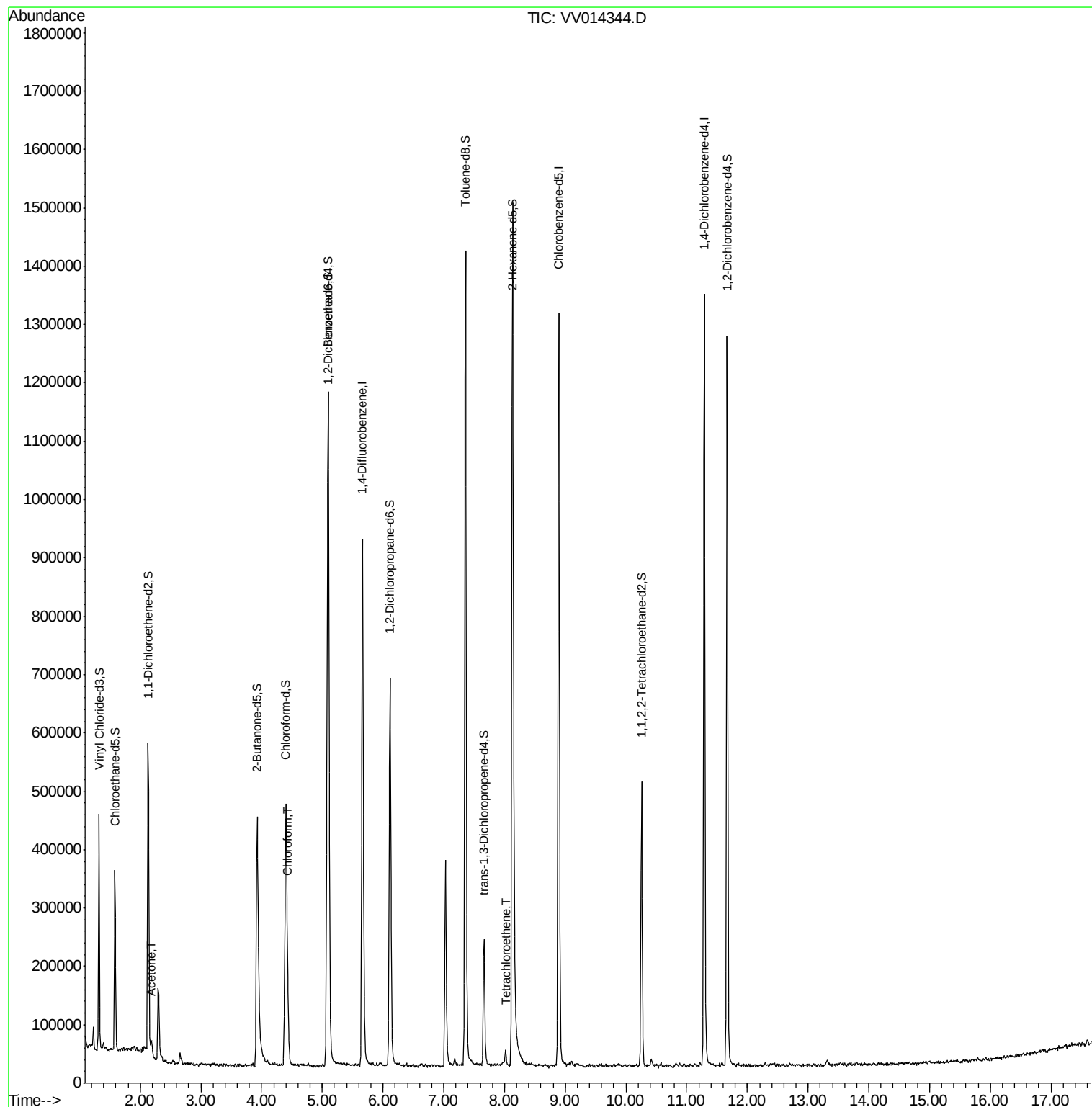
Target Compounds					Ovalue
13) Acetone	2.19	43	13744	1.552 ug/L	88
25) Chloroform	4.43	83	76105	0.789 ug/L	94
47) Tetrachloroethene	8.01	164	6073	0.160 ug/L	87

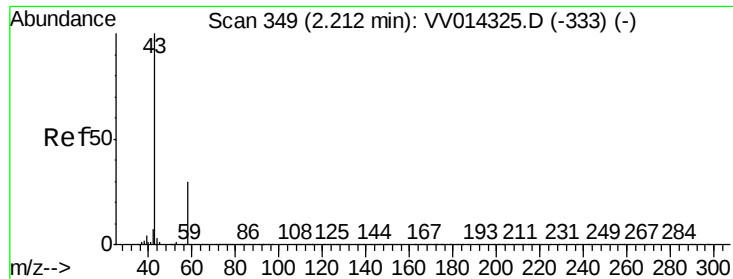
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.552 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampled :

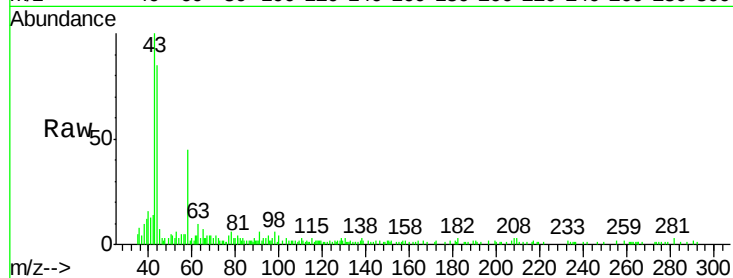
BF779

Tot Ion: 43 Resp: 13744

Ion Ratio Lower Upper

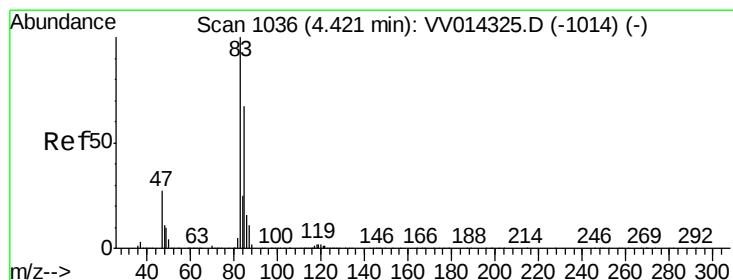
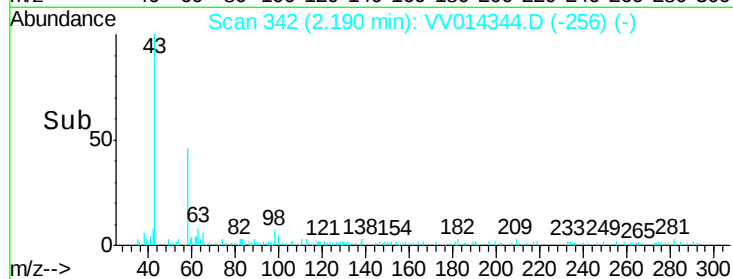
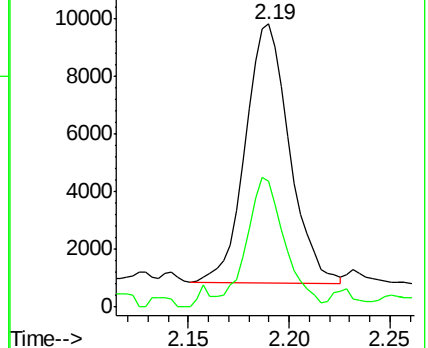
43 100

58 39.7 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.789 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

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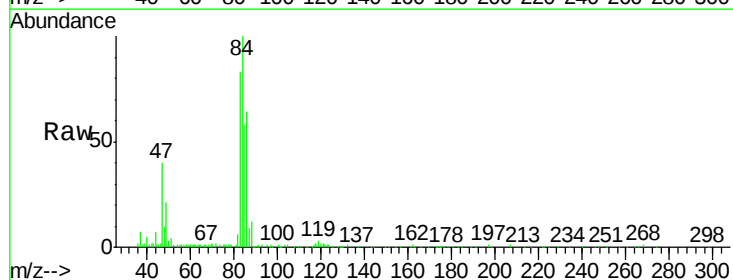
Acq: 17 Jan 2020 18:24

Tgt Ion: 83 Resp: 76105

Ion Ratio Lower Upper

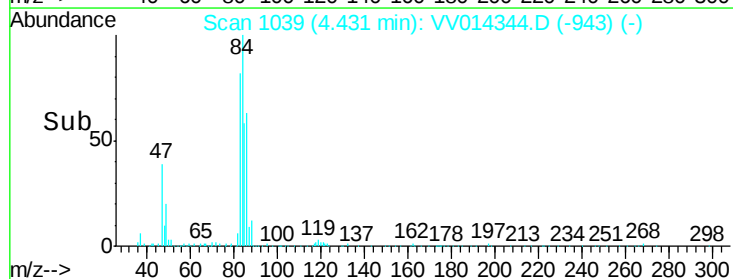
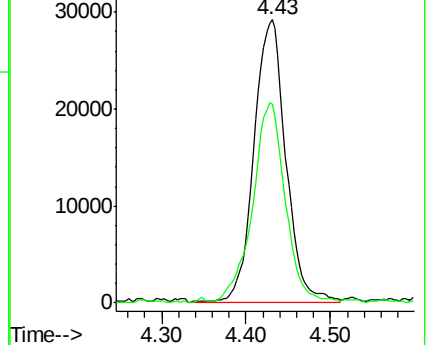
83 100

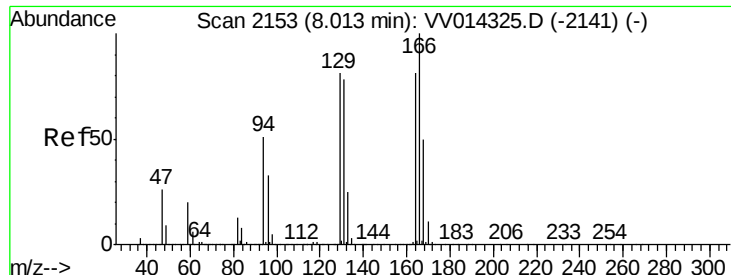
85 70.4 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#47

Tetrachloroethene

Concen: 0.160 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

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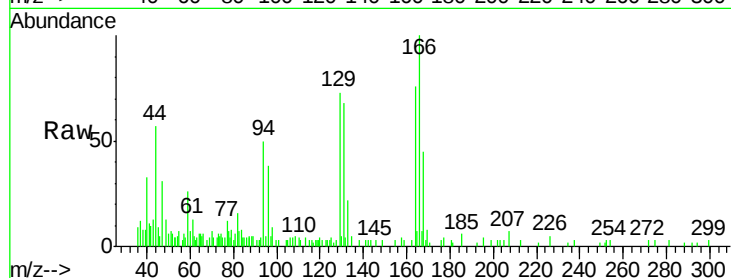
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Tot Ion:164 Resp: 6073

Ion Ratio Lower Upper

164 100

129 87.7 71.7 133.3

131 82.0 70.4 130.8

166 120.7 90.3 167.7

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

