

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013875.D
 Acq On : 02 Dec 2019 16:48
 Operator : SY/MD
 Sample : K6028-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Quant Time: Dec 03 04:12:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	639121	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	586926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	261431	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	177702	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.14%
7) Chloroethane-d5	1.57	69	191787	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.42%
11) 1,1-Dichloroethene-d2	2.13	63	290057	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	3.92	46	305835	117.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.55%
24) Chloroform-d	4.40	84	390846	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
26) 1,2-Dichloroethane-d4	5.07	65	252999	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
32) Benzene-d6	5.09	84	780481	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
36) 1,2-Dichloropropane-d6	6.11	67	243543	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.70%
41) Toluene-d8	7.35	98	691296	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%
43) trans-1,3-Dichloropropene-	7.66	79	108675	48.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.84%
47) 2-Hexanone-d5	8.13	63	209318	122.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.79%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	330925	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	11.67	152	289900	56.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.92%

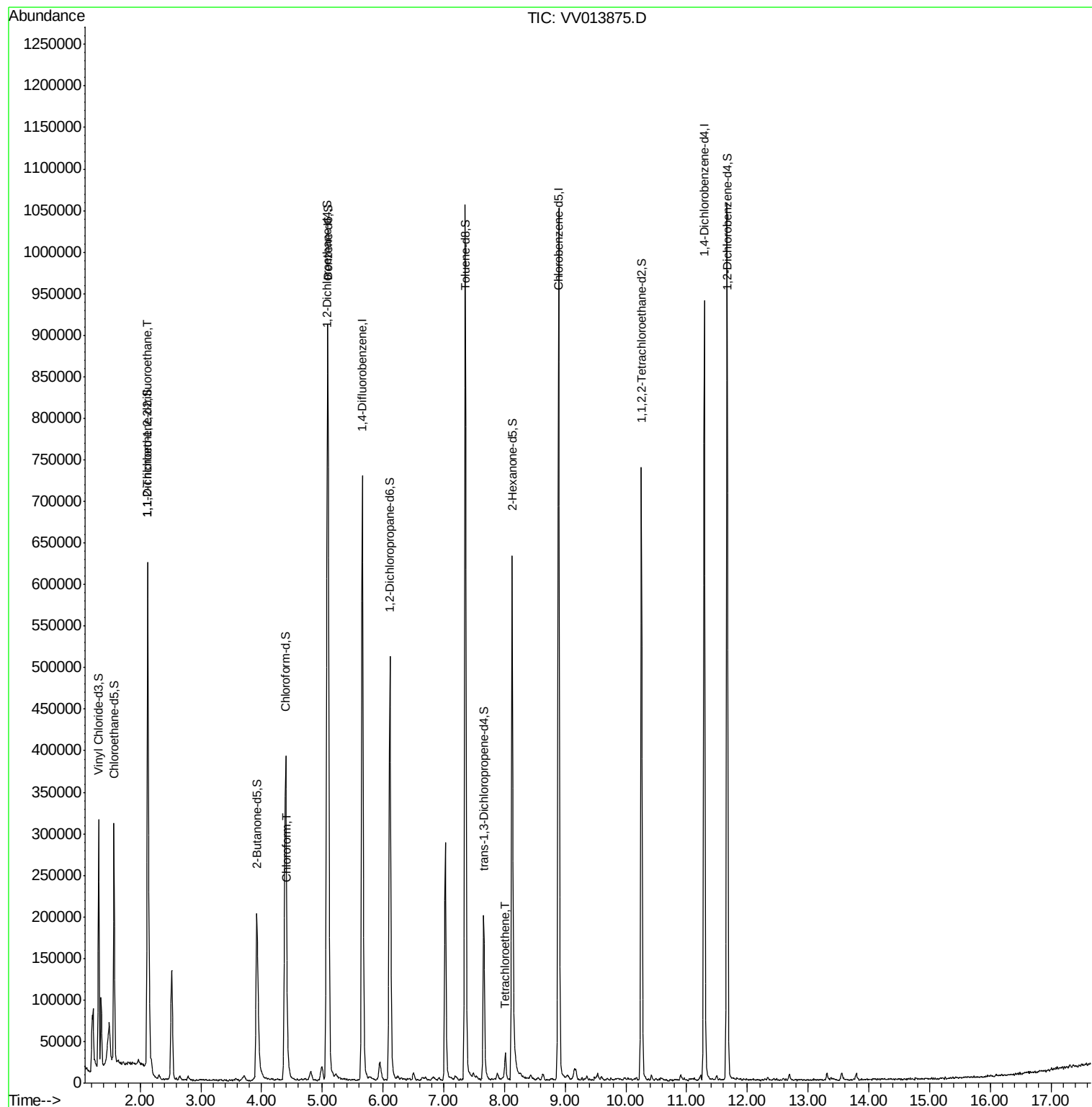
Target Compounds					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3815	0.794 ug/L	# 23
25) Chloroform	4.42	83	8788	1.005 ug/L	88
46) Tetrachloroethene	8.02	164	7692	1.818 ug/L	88

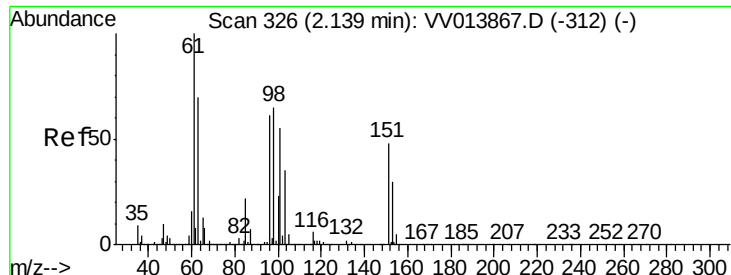
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.794 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

H0AB1

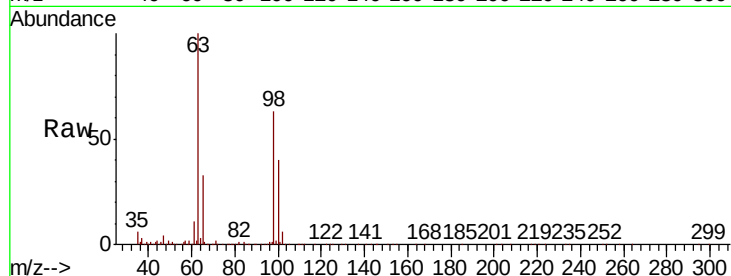
Tot Ion:101 Resp: 3815

Ion Ratio Lower Upper

101 100

85 7.4 32.5 48.7#

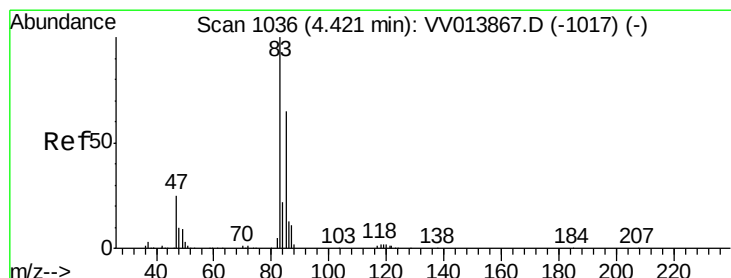
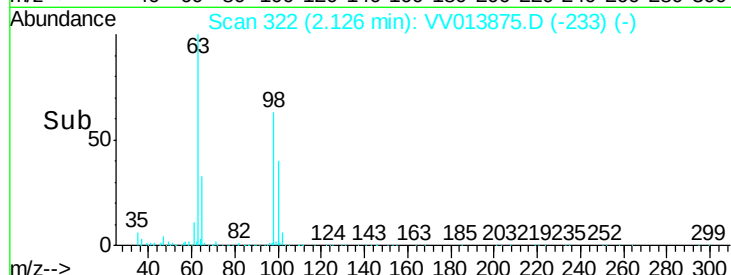
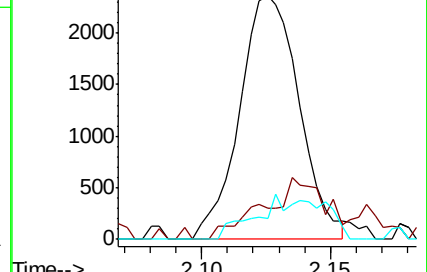
151 5.7 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.005 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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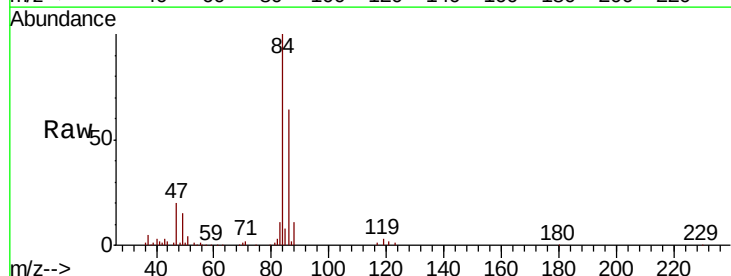
Acq: 02 Dec 2019 16:48

Tgt Ion: 83 Resp: 8788

Ion Ratio Lower Upper

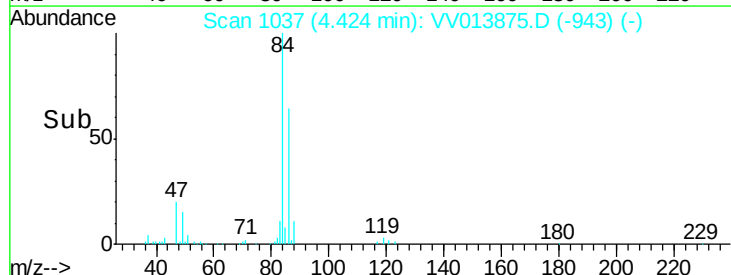
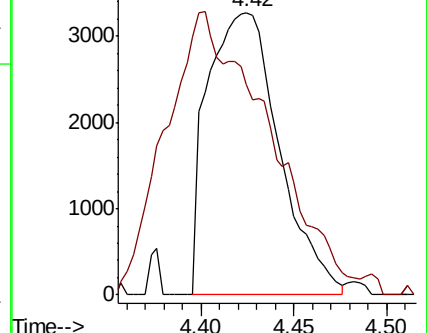
83 100

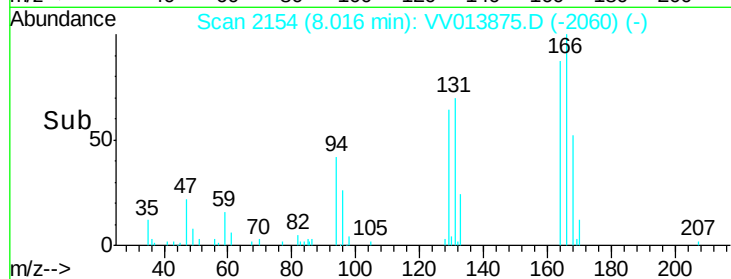
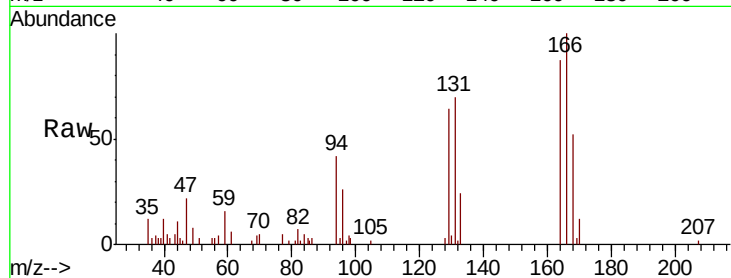
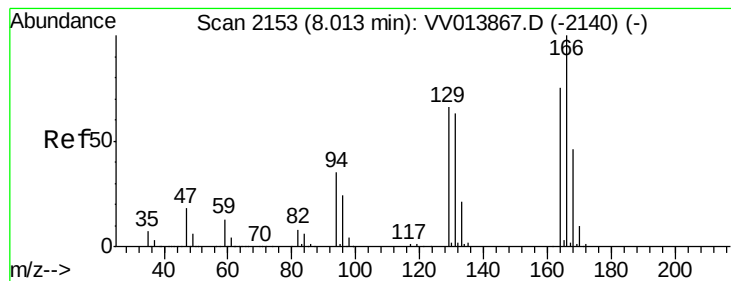
85 74.8 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 1.818 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 7692

Ion Ratio Lower Upper

164 100

129 74.0 61.7 114.7

131 81.0 58.4 108.6

166 115.4 93.4 173.6

Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

