

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012381.D
 Acq On : 23 Aug 2019 23:13
 Operator : SY/MD
 Sample : K4500-09
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK3

Quant Time: Aug 26 08:55:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 26 07:59:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246267	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67339	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.58	69	49136	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	86203	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.93	46	122096	36.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.62%
24) Chloroform-d	4.40	84	128399	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	69764	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	280780	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	86578	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	233954	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	27475	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.13	63	75937	35.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48654	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	82357	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

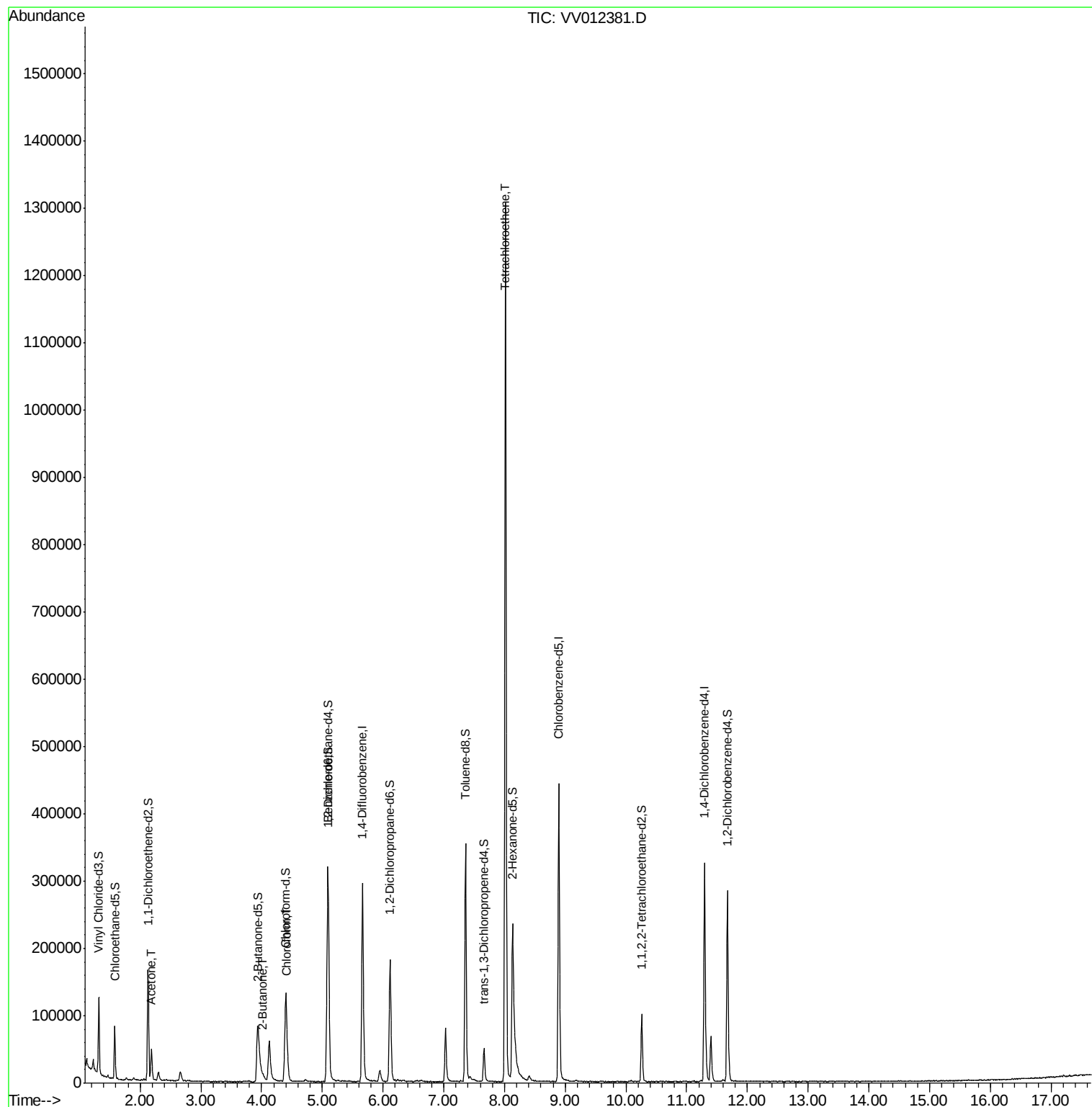
					Ovalue
13) Acetone	2.19	43	40502	28.224 ug/L	99
21) 2-Butanone	4.03	43	6234	1.850 ug/L	97
25) Chloroform	4.42	83	18464	0.606 ug/L	94
47) Tetrachloroethene	8.02	164	300834	22.139 ug/L	96

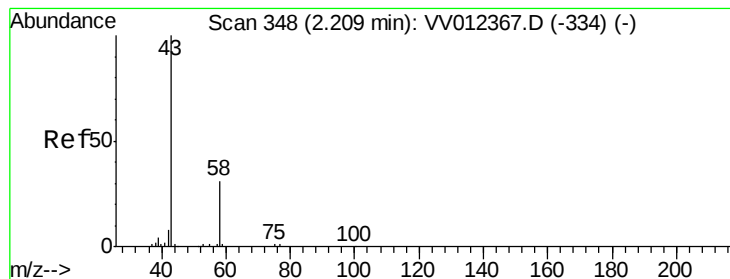
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.224 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV012381.D

Acq: 23 Aug 2019 23:13

Instrument :

MSVOA_V

ClientSampled :

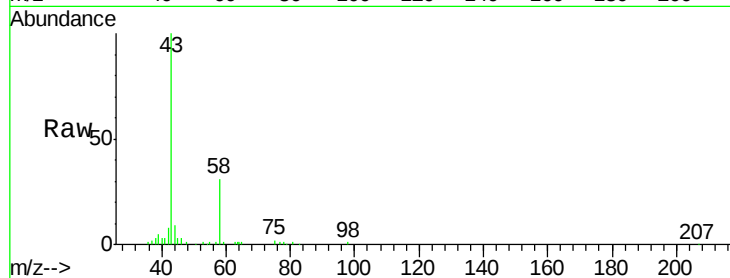
GANK3

Tot Ion: 43 Resp: 40502

Ion Ratio Lower Upper

43 100

58 30.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

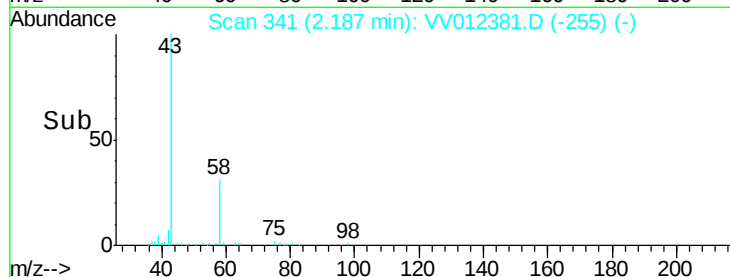
Ion 58.05 (57.75 to 58.75): VV0

2.19

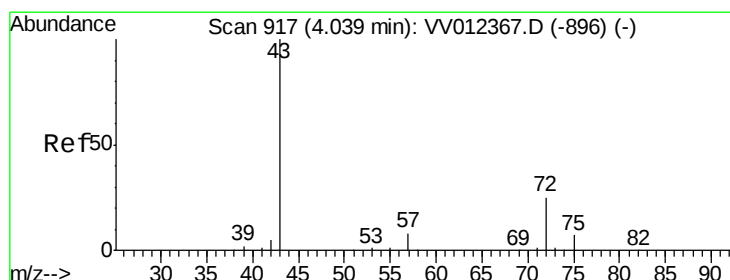
2.15

2.20

2.25



Time-->



#21

2-Butanone

Concen: 1.850 ug/L

RT: 4.03 min Scan# 914

Delta R.T. -0.01 min

Lab File: VV012381.D

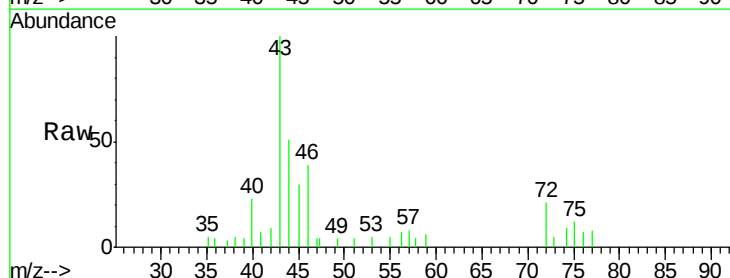
Acq: 23 Aug 2019 23:13

Tgt Ion: 43 Resp: 6234

Ion Ratio Lower Upper

43 100

72 23.1 12.2 36.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

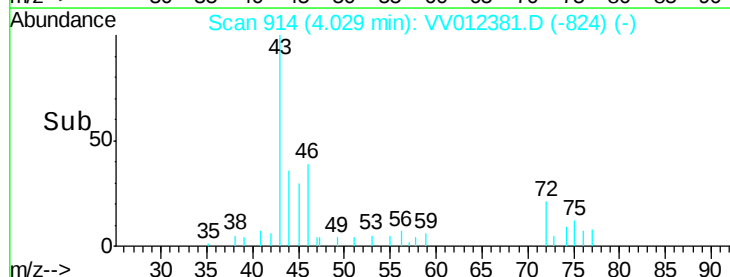
4.03

3.95

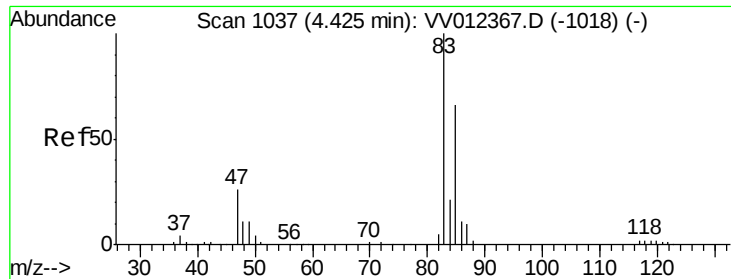
4.00

4.05

4.10



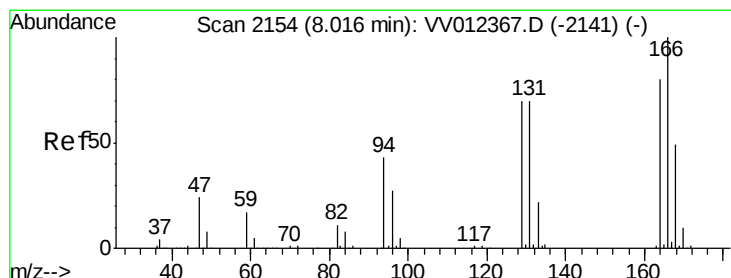
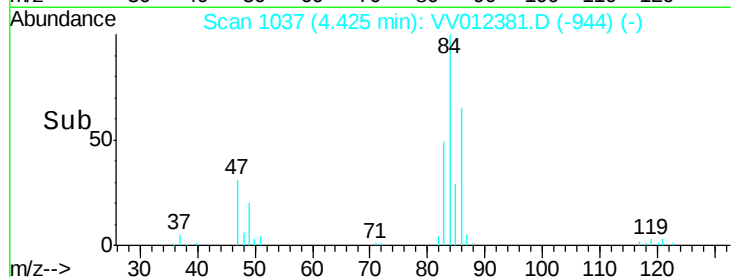
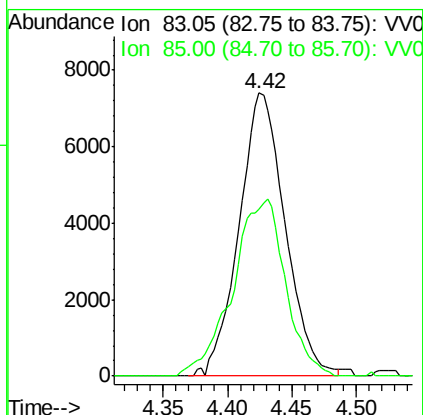
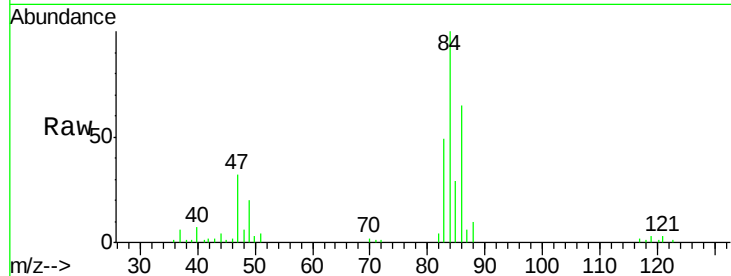
Time-->



#25
Chloroform
Concen: 0.606 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012381.D
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Instrument :
MSVOA_V
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GANK3

Tot Ion: 83 Resp: 18464
Ion Ratio Lower Upper
83 100
85 58.9 44.6 82.8



#47
Tetrachloroethene
Concen: 22.139 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012381.D
Acq: 23 Aug 2019 23:13

Tgt Ion: 164 Resp: 300834
Ion Ratio Lower Upper
164 100
129 90.6 60.6 112.6
131 86.2 58.8 109.2
166 130.5 87.6 162.8

