

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012385.D
 Acq On : 24 Aug 2019 01:03
 Operator : SY/MD
 Sample : K4500-13
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK7

Quant Time: Aug 26 09:05:38 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	241983	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	238788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67439	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.58	69	47365	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	86896	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.93	46	117406	36.02	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.04%
24) Chloroform-d	4.40	84	132211	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	68999	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	286733	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	87562	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	233844	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	26749	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.13	63	72601	35.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48634	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	80344	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

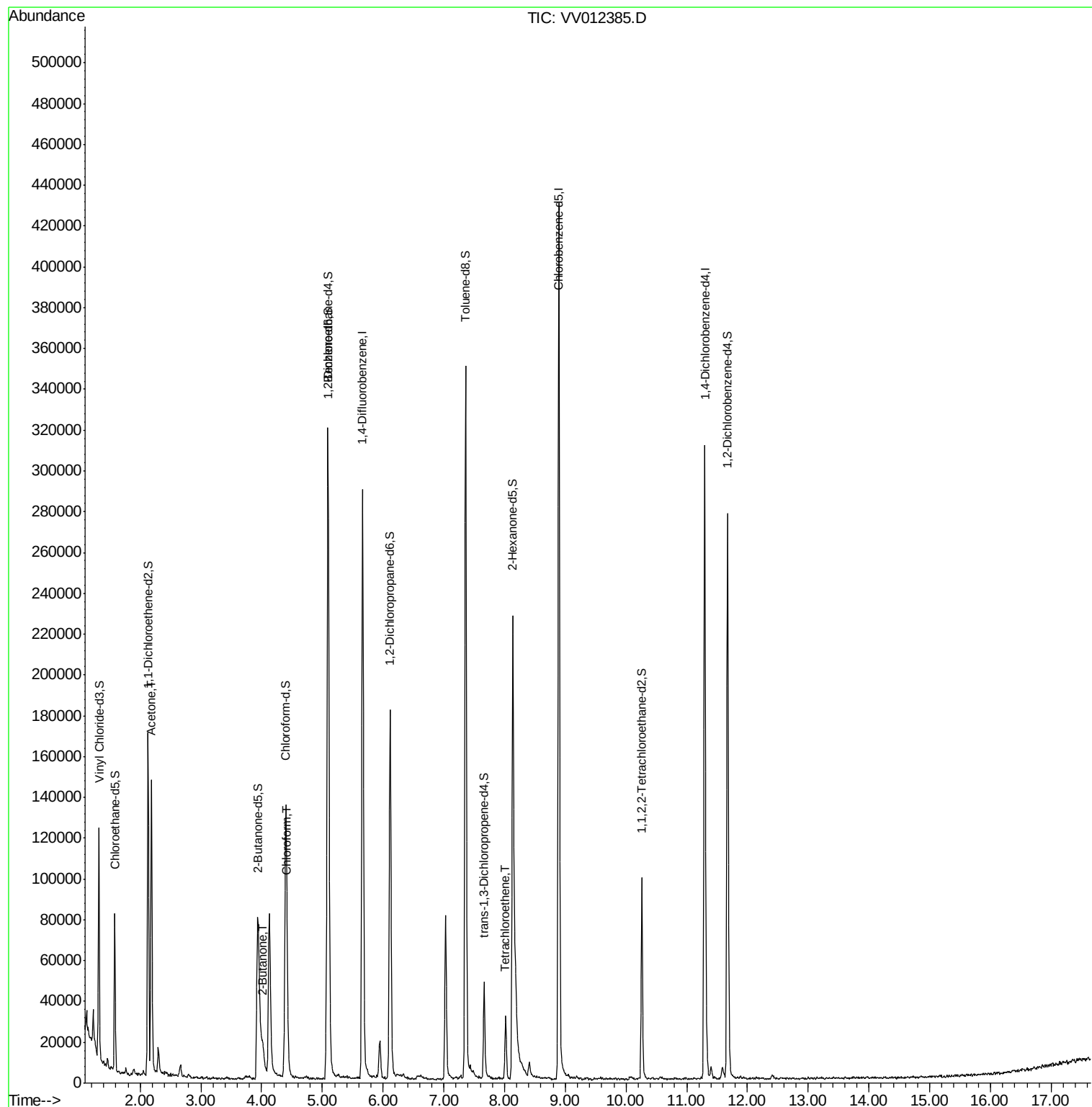
					Ovalue
13) Acetone	2.19	43	140910	99.931 ug/L	95
21) 2-Butanone	4.02	43	20985	6.336 ug/L	89
25) Chloroform	4.43	83	15568	0.520 ug/L	98
47) Tetrachloroethene	8.02	164	7432	0.560 ug/L	95

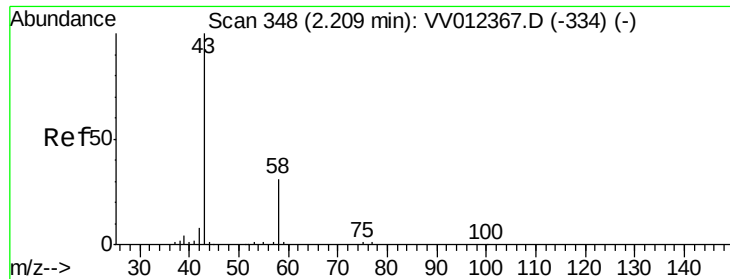
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 99.931 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

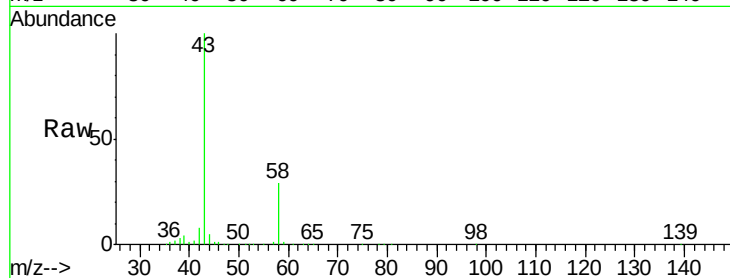
GANK7

Tot Ion: 43 Resp: 140910

Ion Ratio Lower Upper

43 100

58 28.7 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

100000

80000

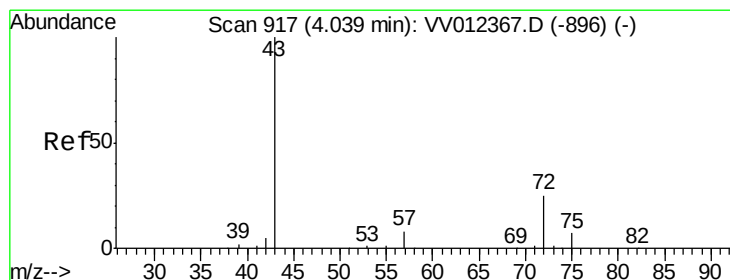
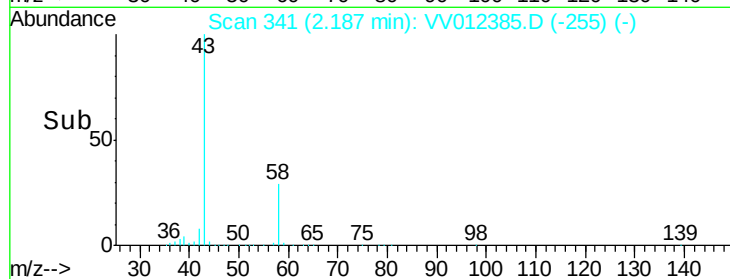
60000

40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#21

2-Butanone

Concen: 6.336 ug/L

RT: 4.02 min Scan# 912

Delta R.T. -0.02 min

Lab File: VV012385.D

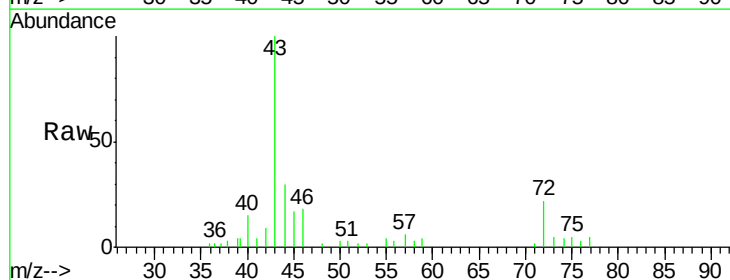
Acq: 24 Aug 2019 01:03

Tgt Ion: 43 Resp: 20985

Ion Ratio Lower Upper

43 100

72 19.1 12.2 36.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.02

50000

40000

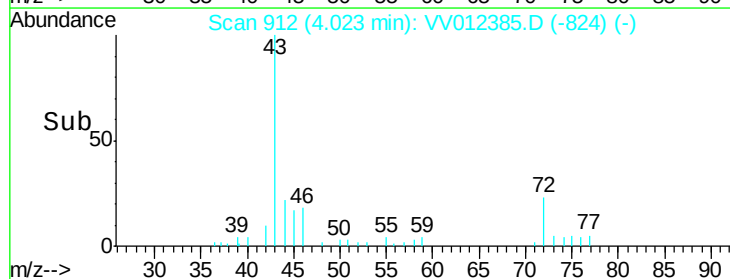
30000

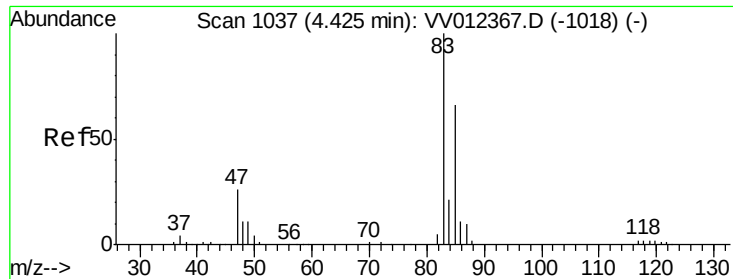
20000

10000

0

Time--> 3.95 4.00 4.05 4.10

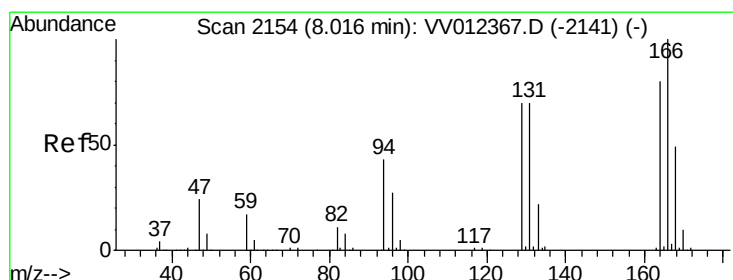
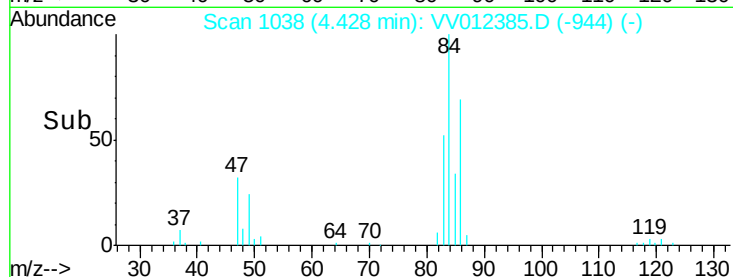
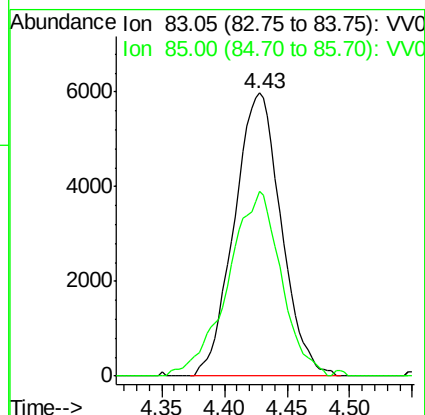
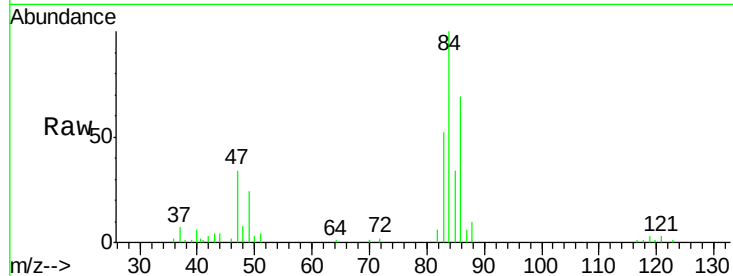




#25
Chloroform
Concen: 0.520 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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Tot Ion: 83 Resp: 15568
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8



#47
Tetrachloroethene
Concen: 0.560 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012385.D
Acq: 24 Aug 2019 01:03

Tgt Ion: 164 Resp: 7432
Ion Ratio Lower Upper
164 100
129 78.7 60.6 112.6
131 83.6 58.8 109.2
166 120.0 87.6 162.8

