

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037423.D
 Acq On : 28 Mar 2020 17:47
 Operator : JC/MD
 Sample : L2002-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWG7

Quant Time: Mar 30 01:18:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	114498	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	109624	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39821	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	32293	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.59	63	61352	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.66	46	105753	45.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.82%
24) Chloroform-d	5.10	84	70003	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.74	65	44141	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	153257	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	49507	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	144703	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	22905	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.66	63	95710	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	40805	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	53703	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

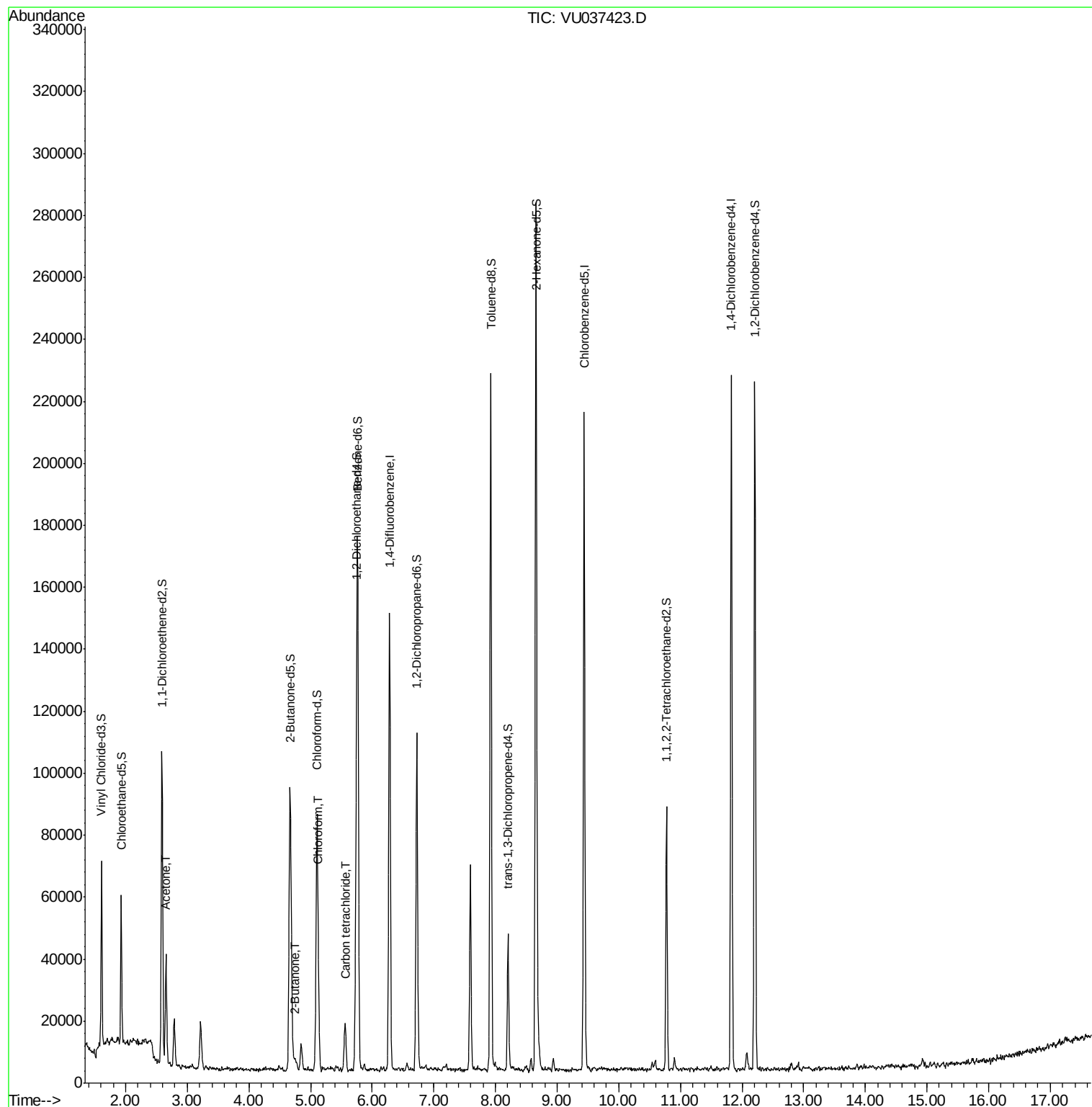
					Ovalue
13) Acetone	2.66	43	37798	28.555	ug/L 100
21) 2-Butanone	4.75	43	3513	1.561	ug/L 93
25) Chloroform	5.13	83	16071	1.038	ug/L 98
31) Carbon tetrachloride	5.56	117	9914	0.833	ug/L 98

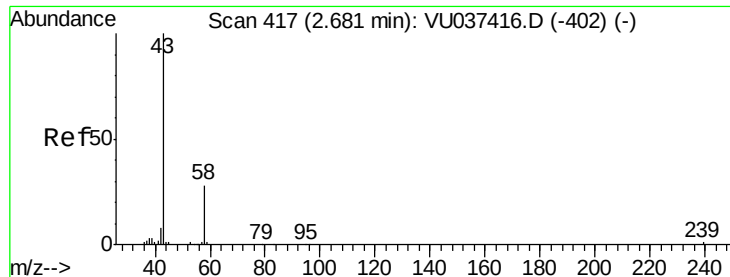
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.555 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

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Acq: 28 Mar 2020 17:47

Instrument :

MSVOA_U

ClientSampleId :

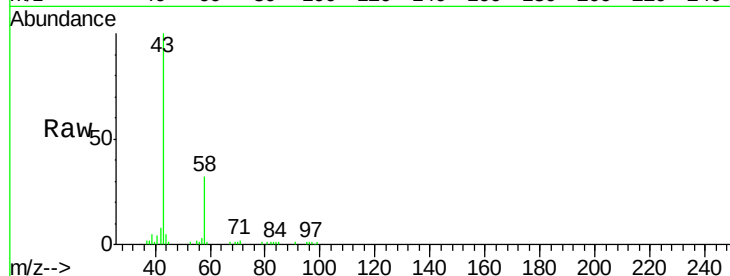
GAWG7

Tot Ion: 43 Resp: 37798

Ion Ratio Lower Upper

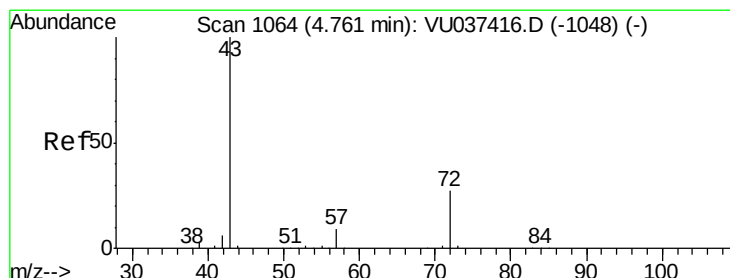
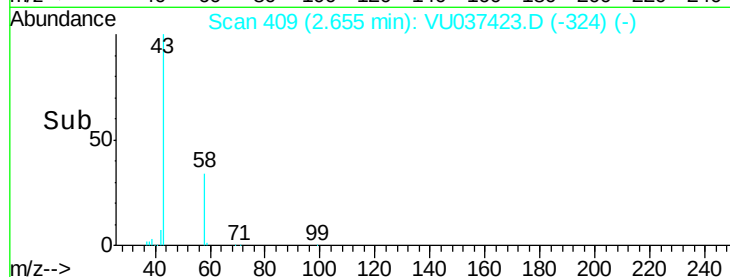
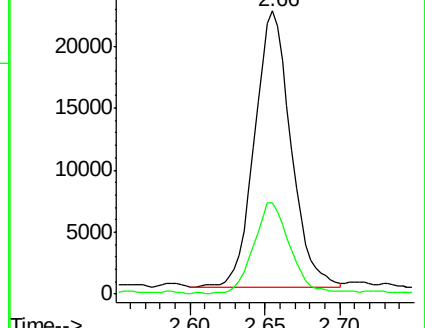
43 100

58 33.1 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037416.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037416.D (-402) (-)



#21

2-Butanone

Concen: 1.561 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VU037423.D

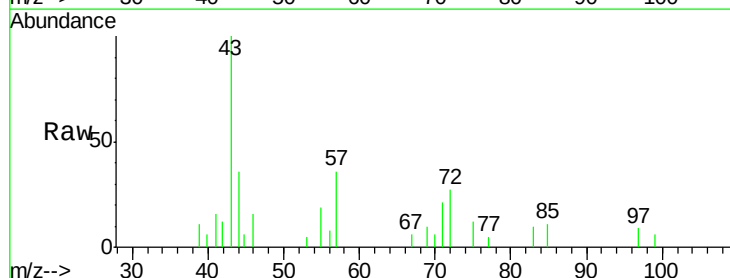
Acq: 28 Mar 2020 17:47

Tgt Ion: 43 Resp: 3513

Ion Ratio Lower Upper

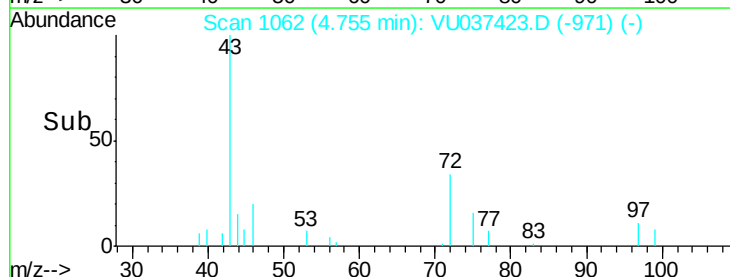
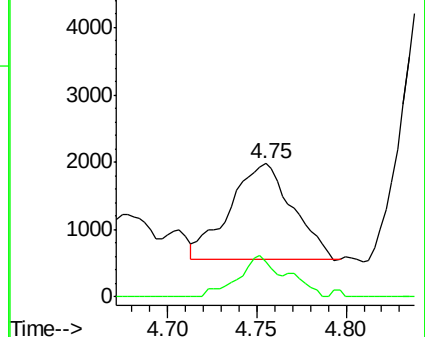
43 100

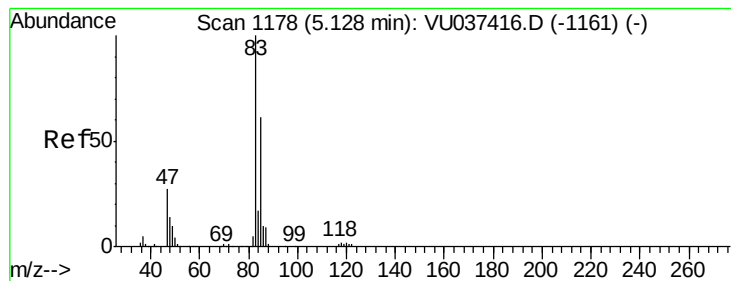
72 24.9 14.2 42.6



Abundance Ion 43.05 (42.75 to 43.75): VU037416.D (-1048) (-)

Ion 72.10 (71.80 to 72.80): VU037416.D (-1048) (-)





#25

Chloroform

Concen: 1.038 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037423.D

Acq: 28 Mar 2020 17:47

Instrument :

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ClientSampleId :

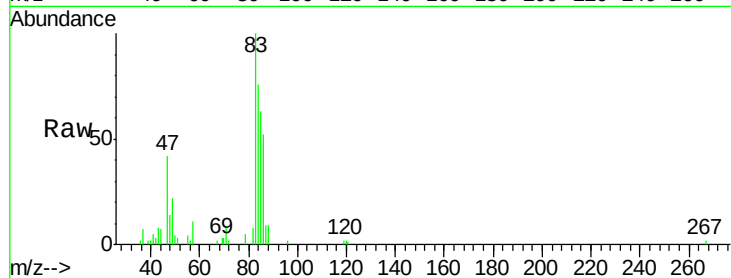
GAWG7

Tot Ion: 83 Resp: 16071

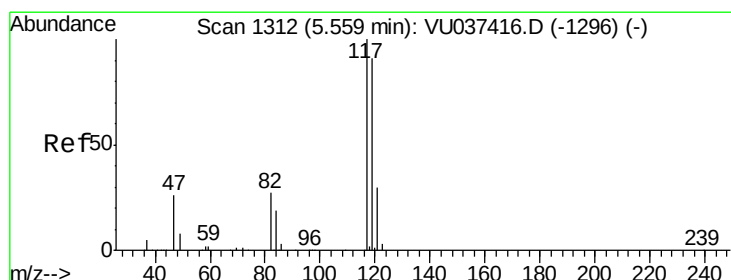
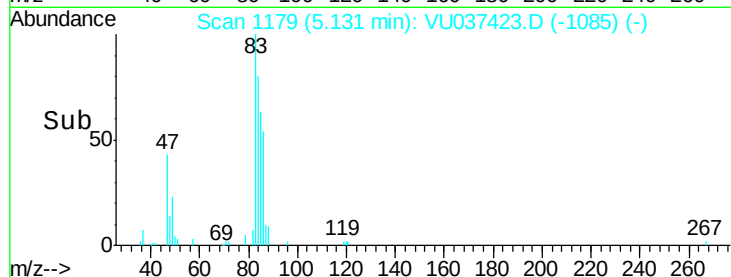
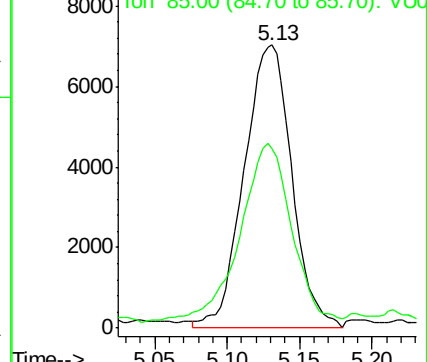
Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037416.D (-1161) (-)



#31

Carbon tetrachloride

Concen: 0.833 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037423.D

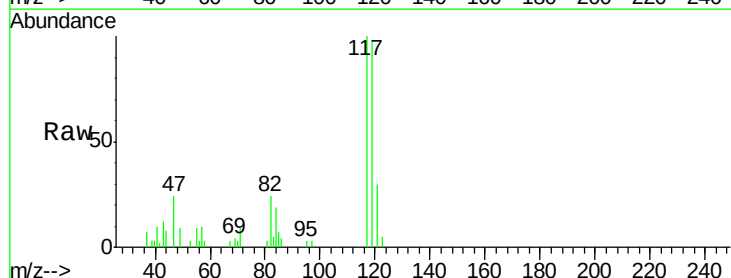
Acq: 28 Mar 2020 17:47

Tgt Ion: 117 Resp: 9914

Ion Ratio Lower Upper

117 100

119 98.8 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): VU037416.D (-1296) (-)

