

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037430.D
 Acq On : 28 Mar 2020 20:40
 Operator : JC/MD
 Sample : L2002-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWH4

Manual Integrations
 APPROVED

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 3/31/2020 2:57:38 PM

Quant Time: Mar 30 02:37:05 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	109840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38029	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	31766	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	58934	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.67	46	103438	46.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.62%
24) Chloroform-d	5.11	84	70286	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	43029	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	148133	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.72	67	48516	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	140578	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	21809	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.66	63	93184	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39939	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	50806	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Ovalue
13) Acetone	2.66	43	45421	35.769	ug/L 100
15) Methyl Acetate	2.98	43	63162	17.804	ug/L 97
21) 2-Butanone	4.75	43	6929m	3.210	ug/L
25) Chloroform	5.13	83	20124	1.355	ug/L 99
31) Carbon tetrachloride	5.56	117	1192507	103.717	ug/L 99

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

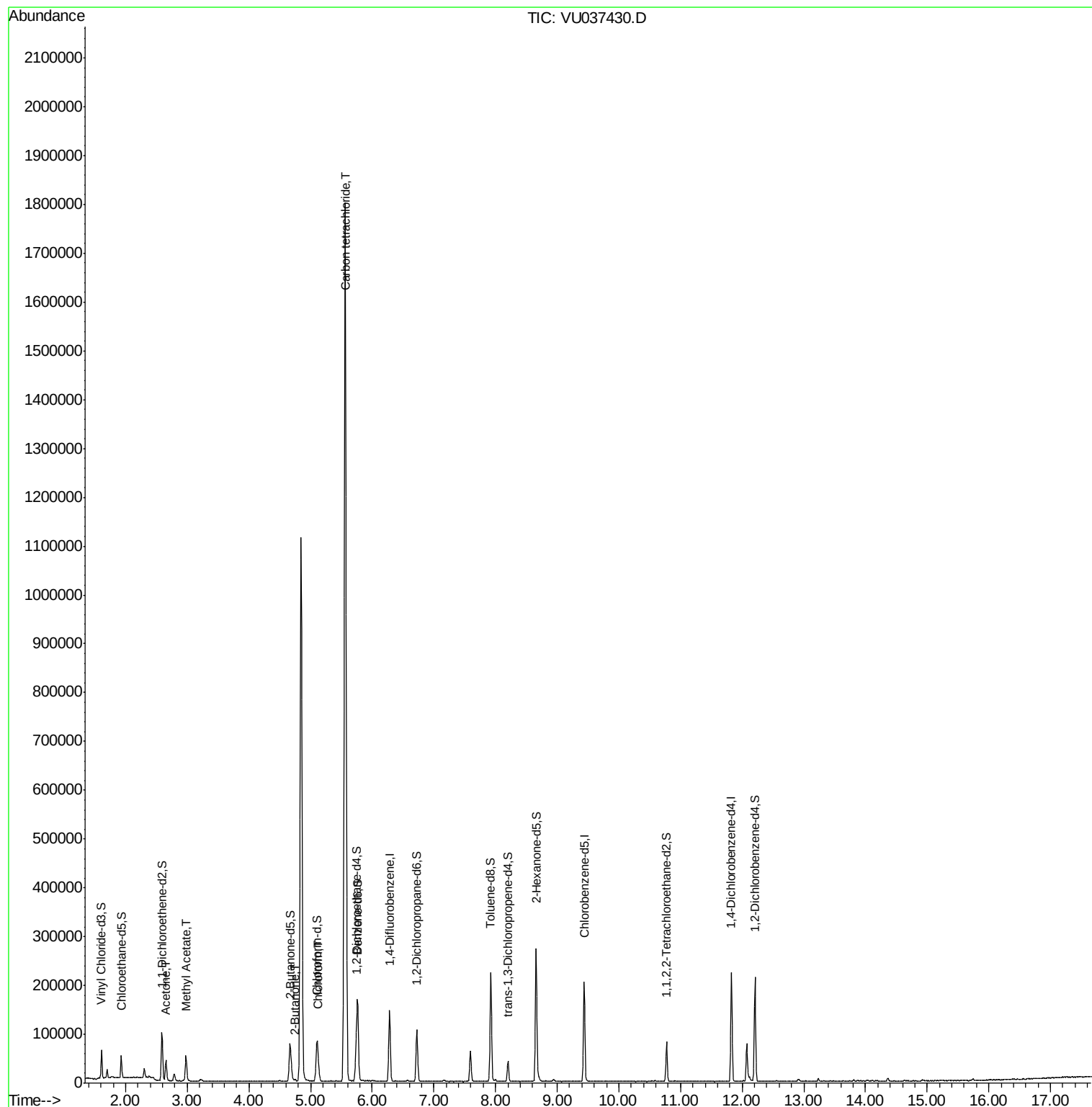
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032820\
Data File : VU037430.D
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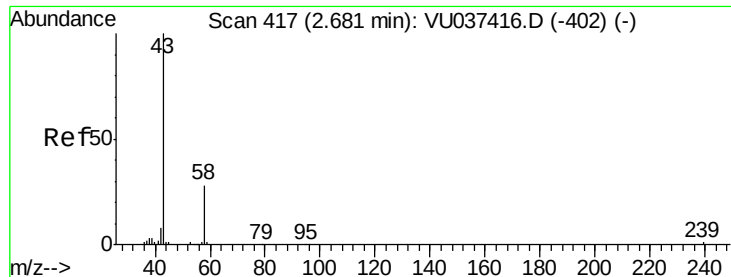
Instrument :
MSVOA_U
ClientSampleId :
GAWH4

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Quant Time: Mar 30 02:37:05 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 35.769 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU037430.D

Acq: 28 Mar 2020 20:40

Instrument :

MSVOA_U

ClientSampleId :

GAWH4

Tot Ion: 43 Resp: 45421

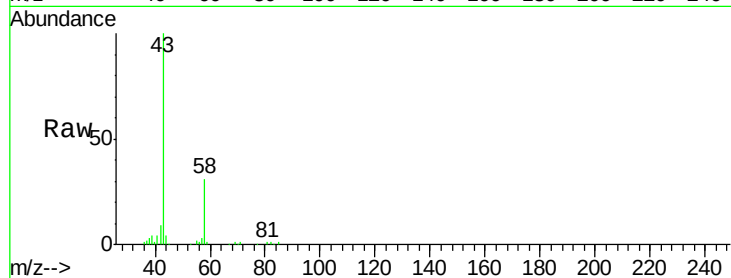
Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.0

Manual Integrations
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Abundance Ion 43.05 (42.75 to 43.75): VU037430.D (-409) (-)

Ion 58.05 (57.75 to 58.75): VU037430.D (-409) (-)

2.66

30000

25000

20000

15000

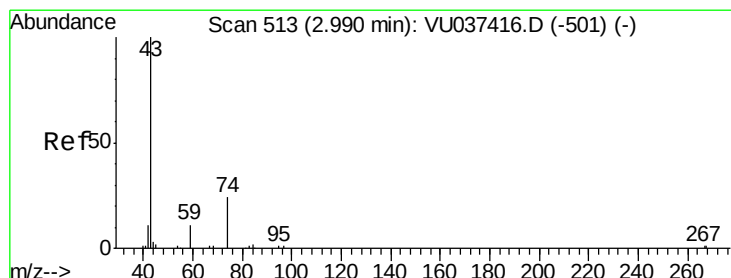
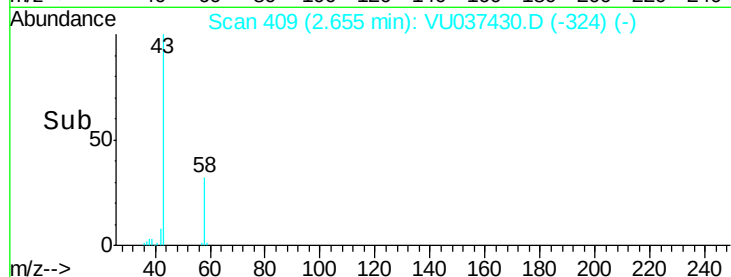
10000

5000

0

Time-->

2.60 2.65 2.70



#15

Methyl Acetate

Concen: 17.804 ug/L

RT: 2.98 min Scan# 510

Delta R.T. -0.01 min

Lab File: VU037430.D

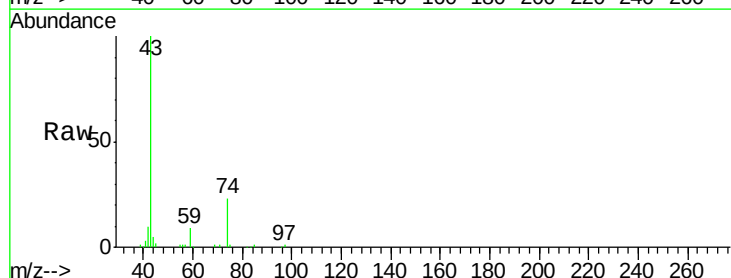
Acq: 28 Mar 2020 20:40

Tgt Ion: 43 Resp: 63162

Ion Ratio Lower Upper

43 100

74 23.3 19.8 29.6



Abundance Ion 43.05 (42.75 to 43.75): VU037430.D (-510) (-)

Ion 74.05 (73.75 to 74.75): VU037430.D (-510) (-)

2.98

40000

30000

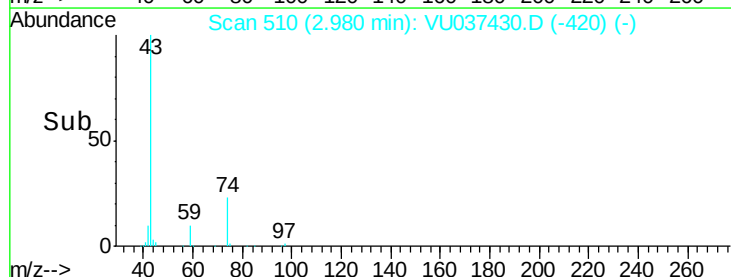
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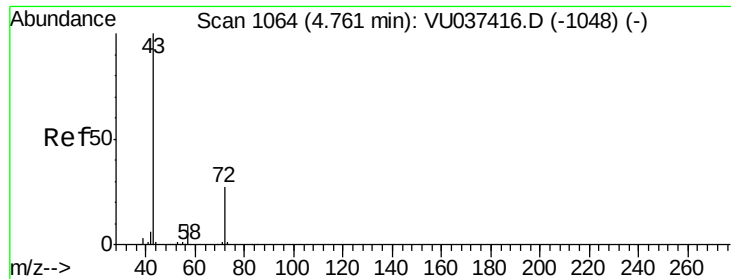
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Time-->

2.90 2.95 3.00 3.05





#21

2-Butanone

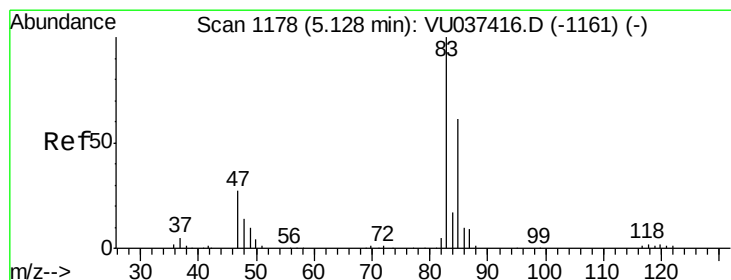
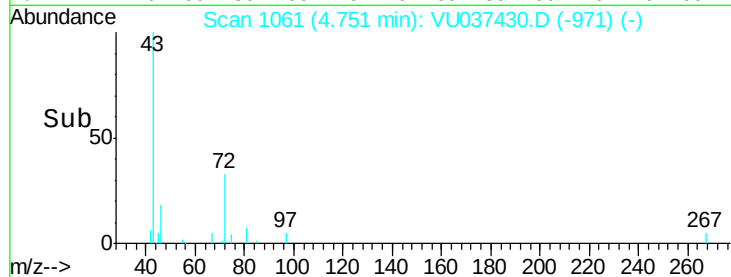
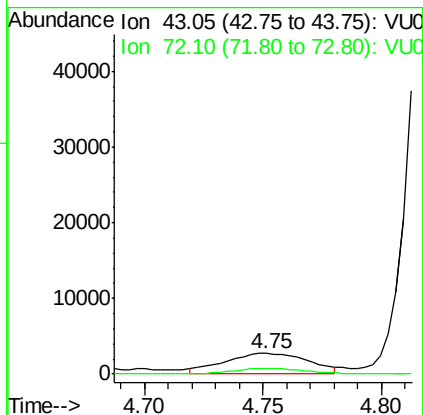
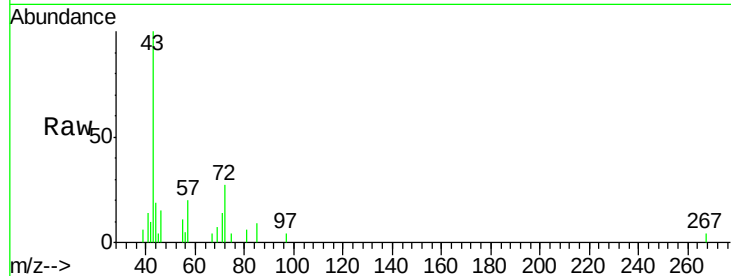
Concen: 3.210 ug/L m
 RT: 4.75 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: VU037430.D
 Acq: 28 Mar 2020 20:40

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWH4

Tot Ion: 43 Resp: 6929
 Ion Ratio Lower Upper
 43 100
 72 10.6 14.2 42.6#

Manual Integrations
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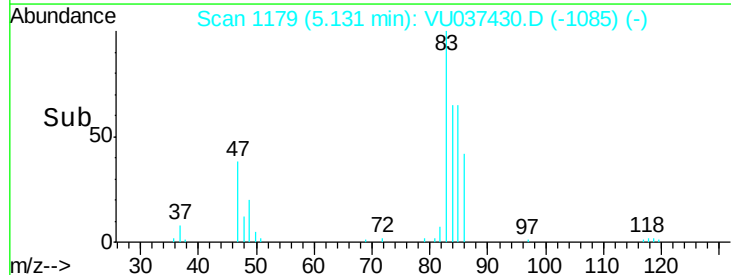
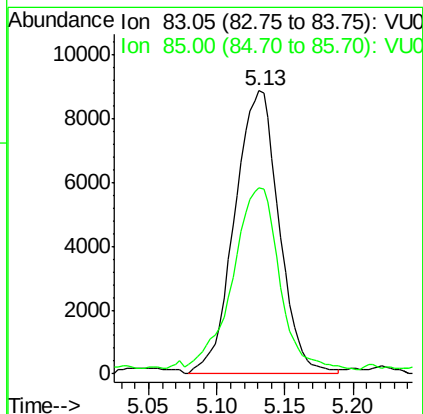
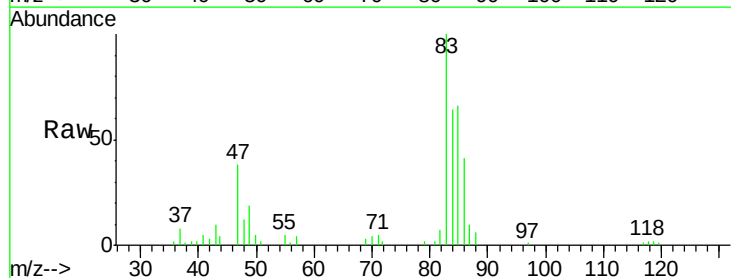


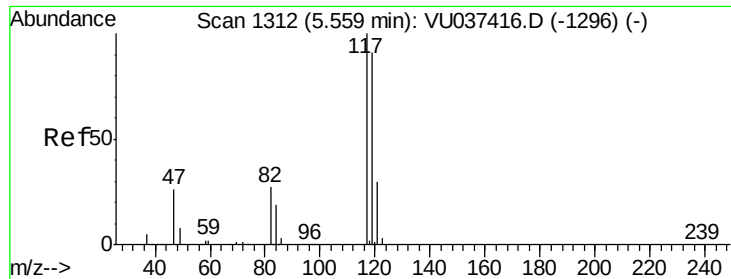
#25

Chloroform

Concen: 1.355 ug/L
 RT: 5.13 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VU037430.D
 Acq: 28 Mar 2020 20:40

Tgt Ion: 83 Resp: 20124
 Ion Ratio Lower Upper
 83 100
 85 65.8 45.4 84.4





#31
 Carbon tetrachloride
 Concen: 103.717 ug/L
 RT: 5.56 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: VU037430.D
 Acq: 28 Mar 2020 20:40

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWH4

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5

Manual Integrations
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