

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\
 Data File : VU032645.D
 Acq On : 12 Jun 2019 12:39
 Operator : JC/SP
 Sample : K3286-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JW2

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 8:47:32 AM

Quant Time: Jun 13 05:34:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 05:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	174762	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	161035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81500	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57505	50.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.44%
7) Chloroethane-d5	1.68	69	45917	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.78%
11) 1,1-Dichloroethene-d2	2.27	63	85048	38.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.62%
21) 2-Butanone-d5	4.17	46	100716	106.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	4.64	84	103815	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
26) 1,2-Dichloroethane-d4	5.30	65	69490	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
32) Benzene-d6	5.33	84	211854	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
36) 1,2-Dichloropropane-d6	6.32	67	67380	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.80%
41) Toluene-d8	7.56	98	197460	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%
43) trans-1,3-Dichloropropene-	7.85	79	31538	50.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.54%
47) 2-Hexanone-d5	8.31	63	74665	117.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98387	51.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	81064	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds					Ovalue
13) Acetone	2.32	43	24038	24.552 ug/L	99
16) Methylene chloride	2.69	84	2841	2.401 ug/L	90
22) 2-Butanone	4.28	43	4607m	3.981 ug/L	
46) Tetrachloroethene	8.22	164	7493	7.370 ug/L	93

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

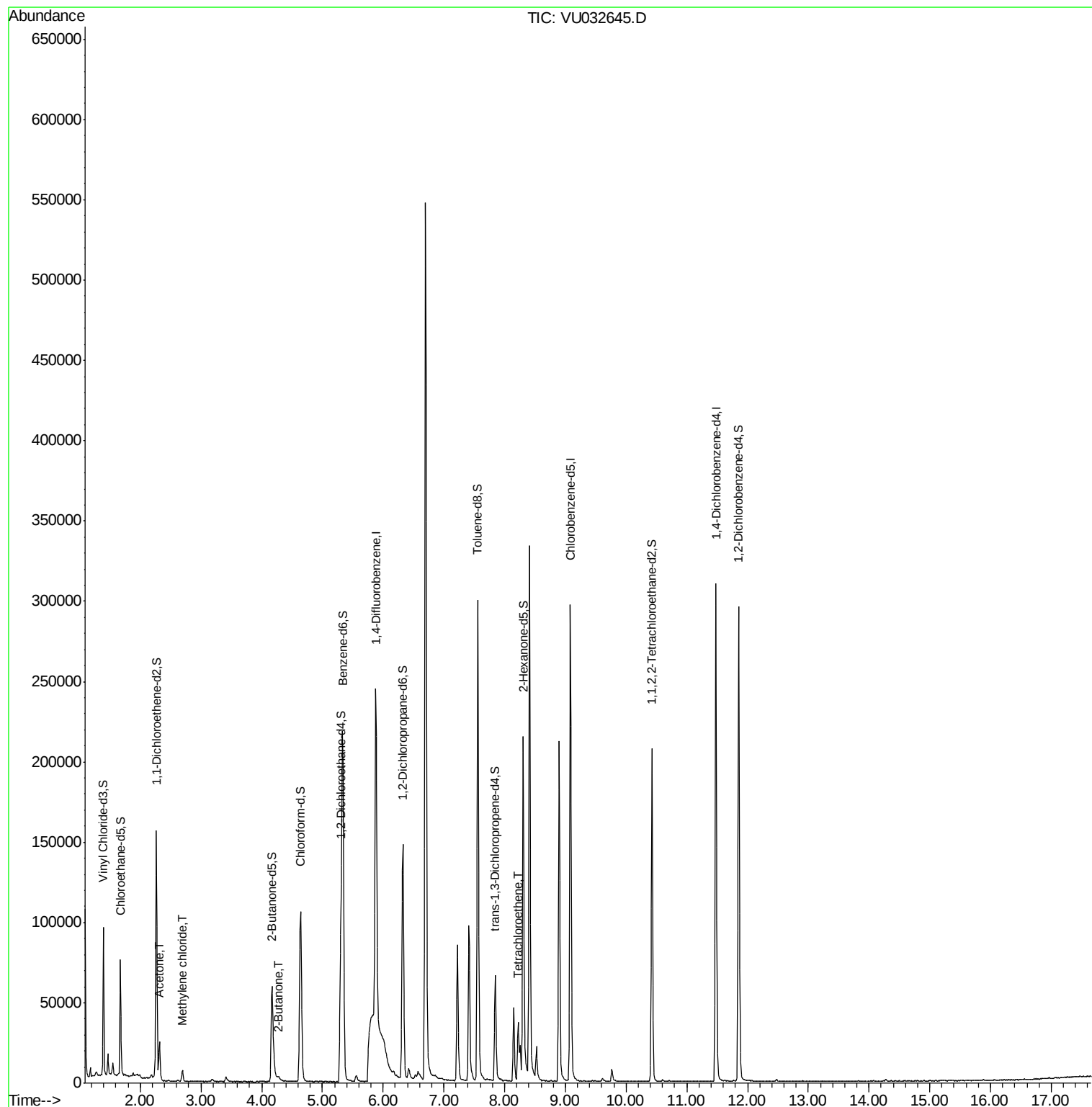
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061219\
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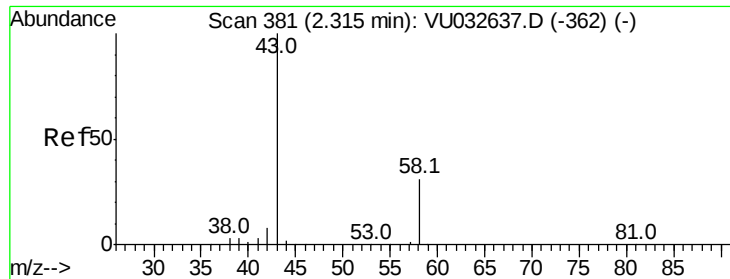
Instrument :
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QLast Update : Thu Jun 13 05:01:06 2019
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#13

Acetone

Concen: 24.552 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032645.D

Acq: 12 Jun 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

C0JW2

Tot Ion: 43 Resp: 24038

Ion Ratio Lower Upper

43 100

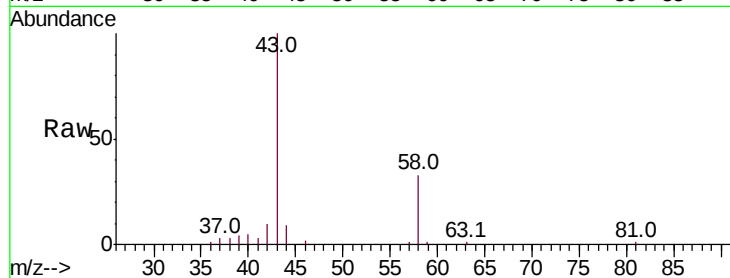
58 32.7 0.0 64.0

Manual Integrations

APPROVED

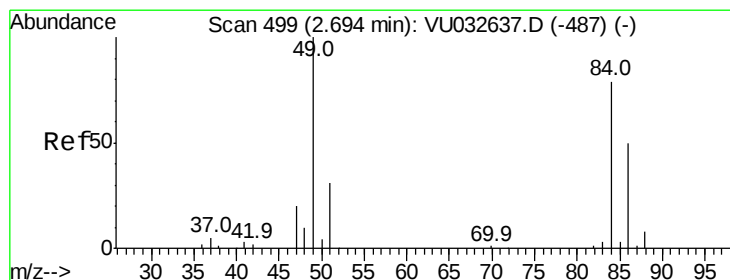
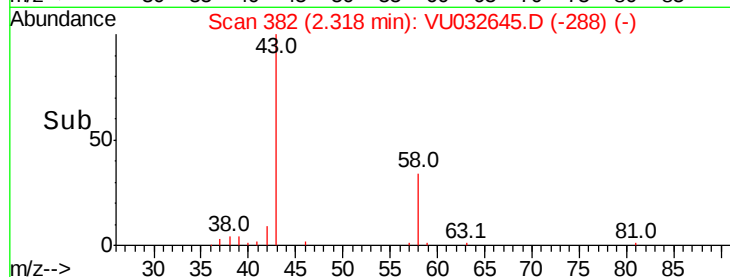
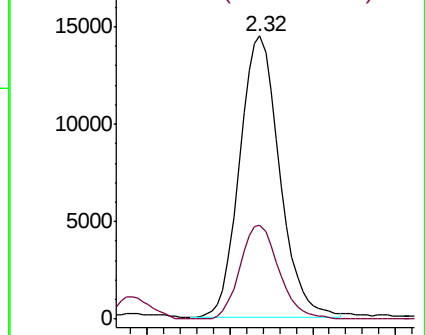
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Abundance Ion 43.00 (42.70 to 43.70): VU032637.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032637.D (-362) (-)



#16

Methylene chloride

Concen: 2.401 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032645.D

Acq: 12 Jun 2019 12:39

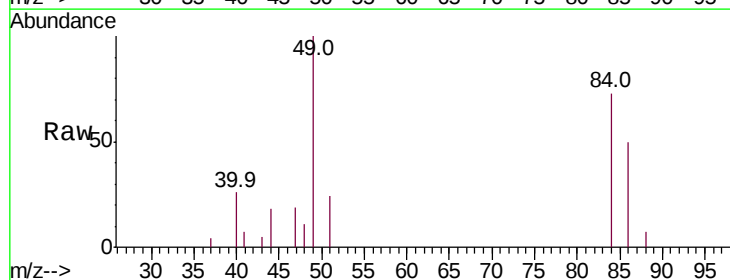
Tgt Ion: 84 Resp: 2841

Ion Ratio Lower Upper

84 100

86 68.5 44.7 82.9

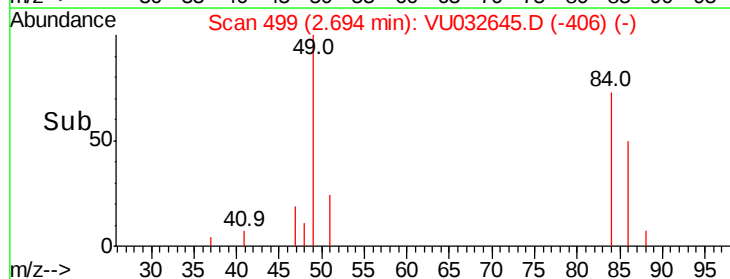
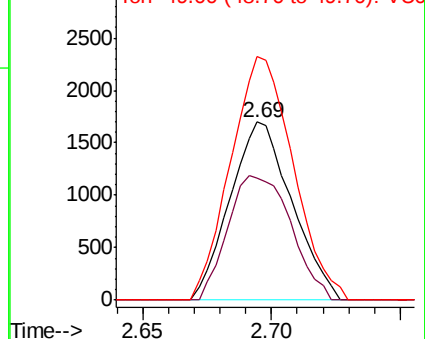
49 136.7 86.1 159.9

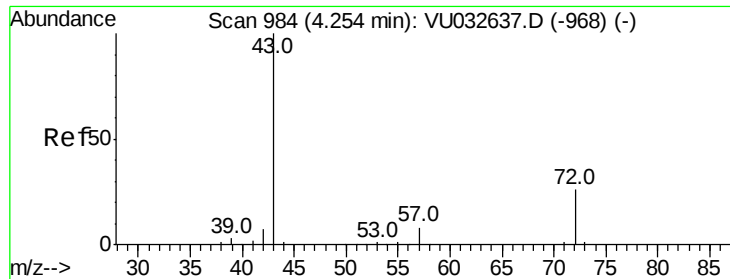


Abundance Ion 84.00 (83.70 to 84.70): VU032637.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU032637.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU032637.D (-487) (-)





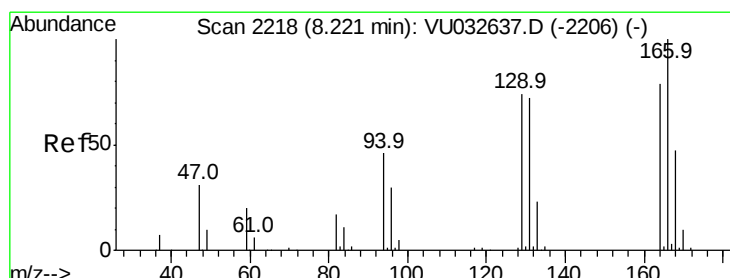
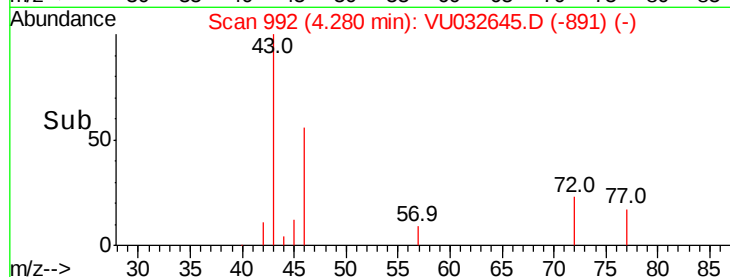
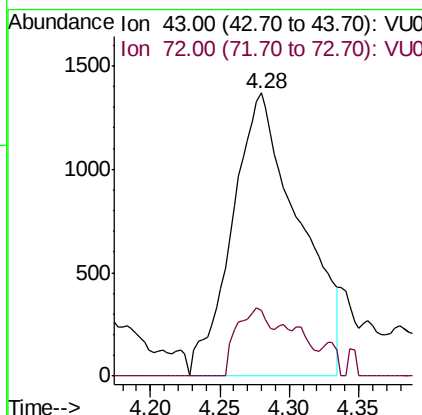
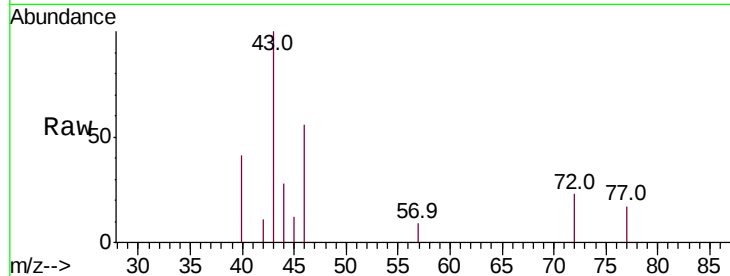
#22
2-Butanone
Concen: 3.981 ug/L m
RT: 4.28 min Scan# 992
Delta R.T. 0.03 min
Lab File: VU032645.D
Acq: 12 Jun 2019 12:39

Instrument :
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Tot Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
72 1.1 13.1 39.3#

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#46
Tetrachloroethene
Concen: 7.370 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032645.D
Acq: 12 Jun 2019 12:39

Tgt Ion: 164 Resp: 7493
Ion Ratio Lower Upper
164 100
129 88.5 65.3 121.3
131 82.4 64.0 119.0
166 118.7 88.8 165.0

