

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030733.D
 Acq On : 05 Apr 2019 11:14
 Operator : JC/SP
 Sample : K2271-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7E2

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 11:08:08 AM

Quant Time: Apr 06 01:52:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453891	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	199808	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.62%
7) Chloroethane-d5	1.68	69	160648m	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.48%
11) 1,1-Dichloroethene-d2	2.27	63	283720	38.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.42%
21) 2-Butanone-d5	4.17	46	351107	109.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	4.64	84	307301	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
26) 1,2-Dichloroethane-d4	5.30	65	218046	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
32) Benzene-d6	5.34	84	658823	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.32	67	228322	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.56	98	562235	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.85	79	101769	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.31	63	207388	100.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299041	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	189920	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

					Ovalue
13) Acetone	2.32	43	9325	2.838 ug/L	98
19) 1,1-Dichloroethane	3.44	63	4406	0.641 ug/L #	89
34) Trichloroethene	6.18	95	23755	6.569 ug/L	99
46) Tetrachloroethene	8.23	164	1089	0.414 ug/L	94

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

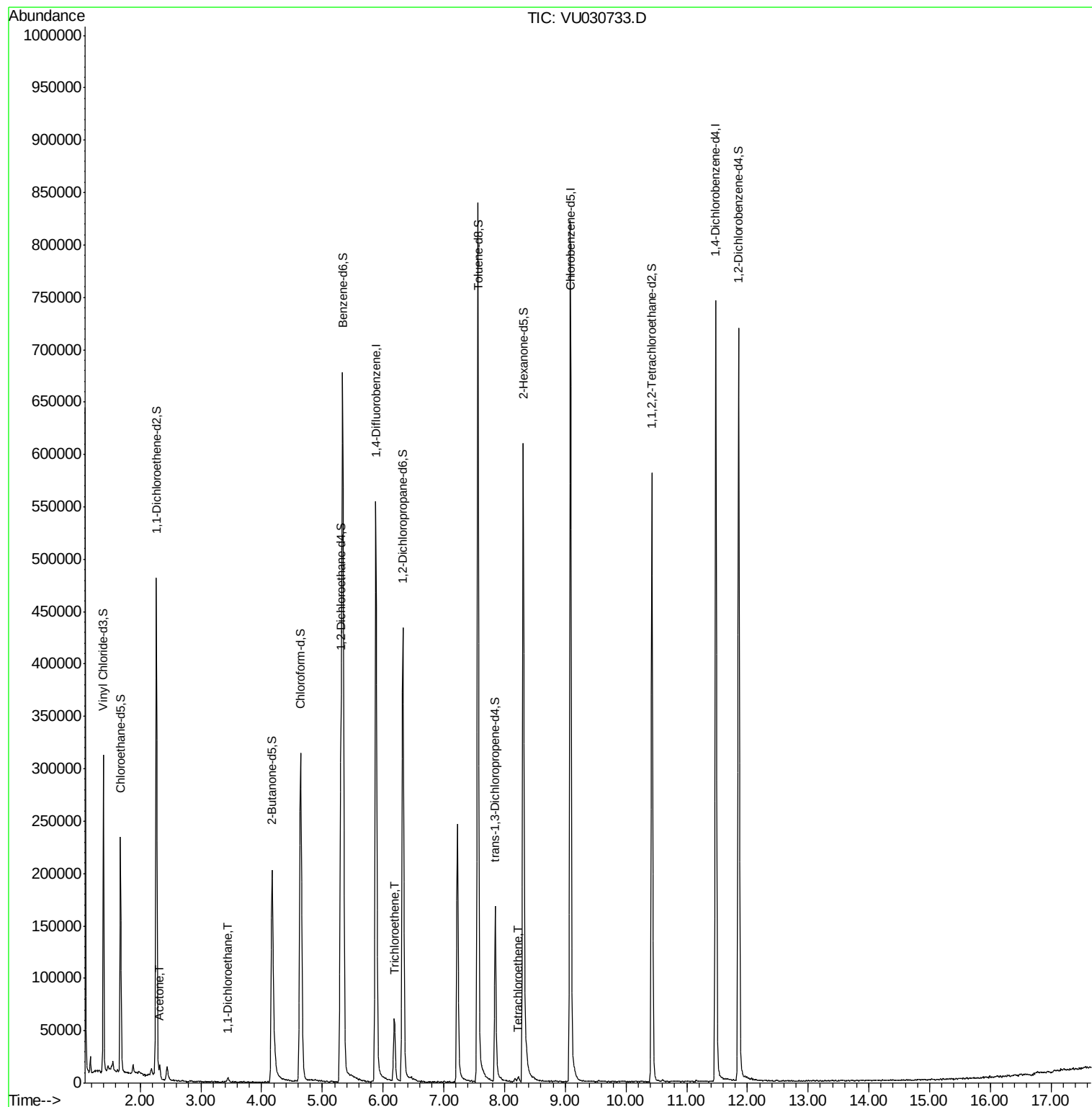
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040519\
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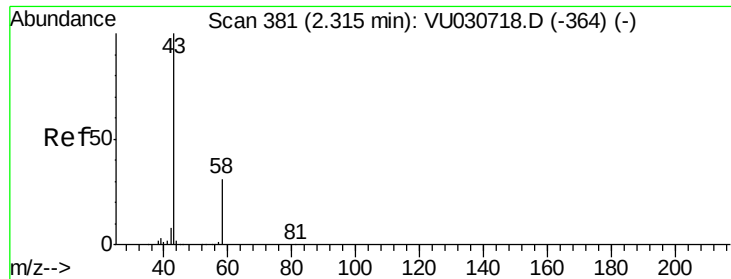
Instrument :
MSVOA_U
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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:39:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.838 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030733.D

Acq: 05 Apr 2019 11:14

Instrument :

MSVOA_U

ClientSampled :

DB7E2

Tot Ion: 43 Resp: 9325

Ion Ratio Lower Upper

43 100

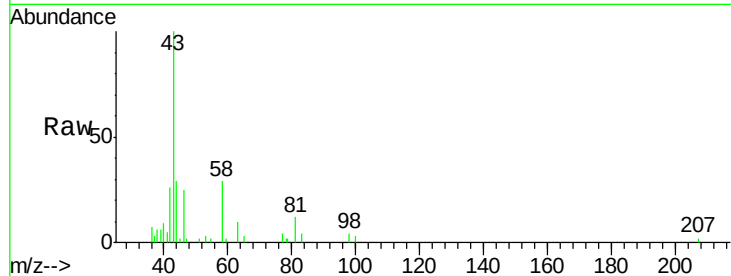
58 32.9 0.0 64.0

Manual Integrations

APPROVED

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4/6/2019 11:08:08 AM

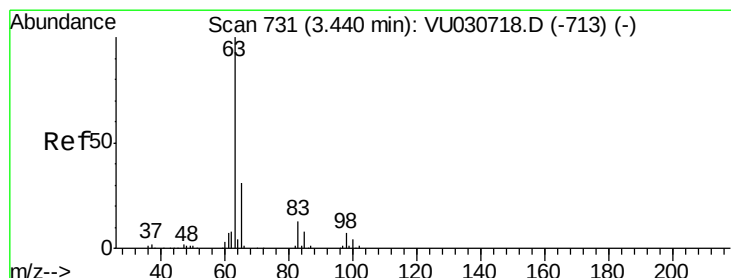
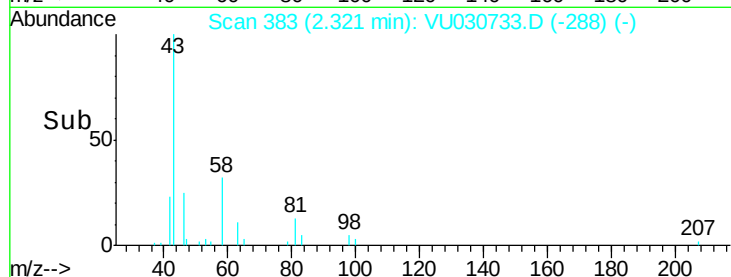


Abundance Ion 43.00 (42.70 to 43.70): VU030718.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU030718.D (-364) (-)

2.32

Time-->



#19

1,1-Dichloroethane

Concen: 0.641 ug/L

RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU030733.D

Acq: 05 Apr 2019 11:14

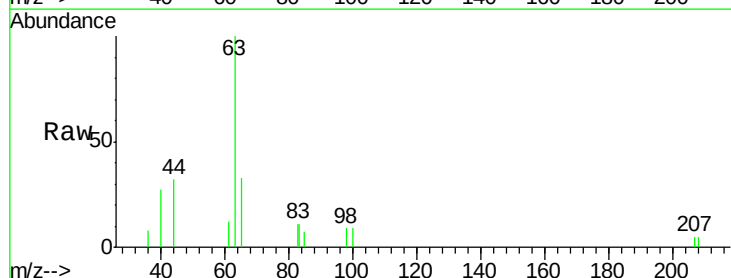
Tgt Ion: 63 Resp: 4406

Ion Ratio Lower Upper

63 100

65 32.8 21.4 39.8

83 22.6 8.5 15.7#



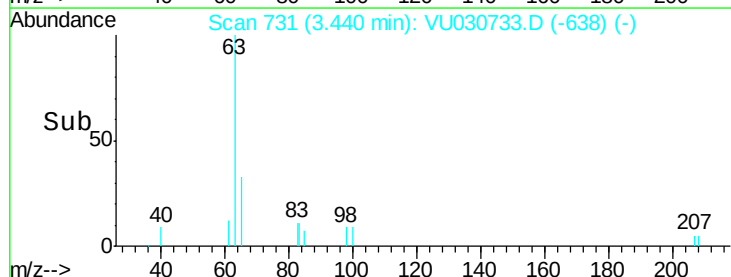
Abundance Ion 63.00 (62.70 to 63.70): VU030718.D (-713) (-)

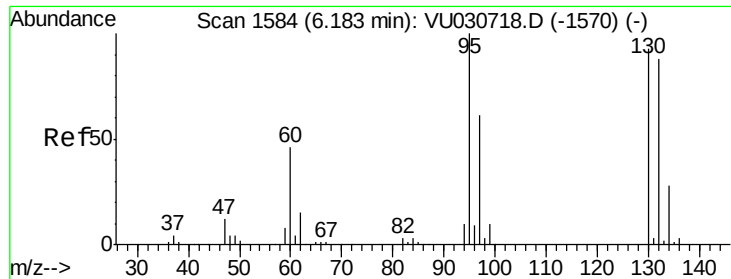
Ion 65.00 (64.70 to 65.70): VU030718.D (-713) (-)

Ion 83.00 (82.70 to 83.70): VU030718.D (-713) (-)

3.44

Time-->





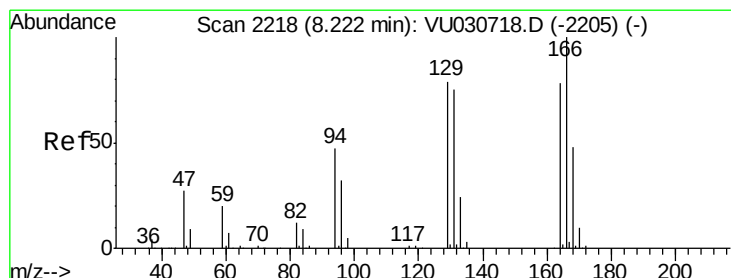
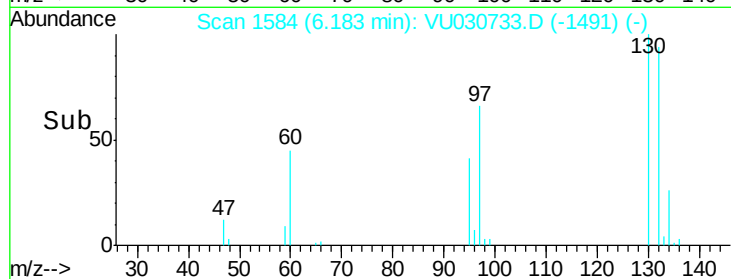
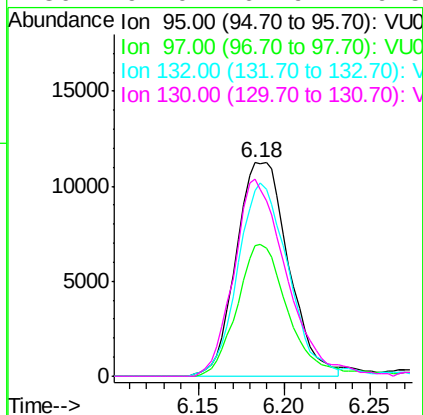
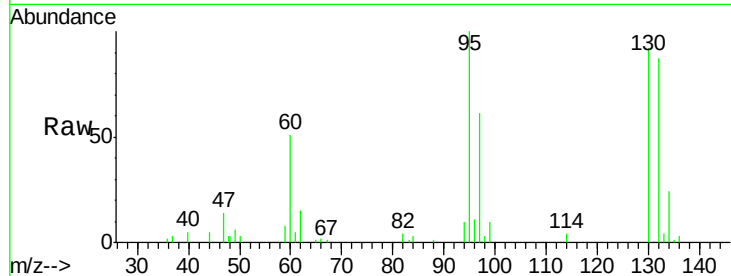
#34
 Trichloroethene
 Concen: 6.569 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030733.D
 Acq: 05 Apr 2019 11:14

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Tot Ion:	95	Resp:	23755
Ion	Ratio	Lower	Upper
95	100		
97	61.0	44.5	82.7
132	87.0	61.5	114.1
130	92.0	64.9	120.5

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#46
 Tetrachloroethene
 Concen: 0.414 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU030733.D
 Acq: 05 Apr 2019 11:14

Tgt Ion:	164	Resp:	1089
Ion	Ratio	Lower	Upper
164	100		
129	102.1	67.4	125.2
131	105.9	65.9	122.5
166	125.7	88.6	164.6

