

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031738.D
 Acq On : 03 May 2019 10:38
 Operator : JC/SP
 Sample : K2661-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B39

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:42:45 AM

Quant Time: May 04 04:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	886727	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	825092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	339070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	380815	51.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.62%
7) Chloroethane-d5	1.68	69	290752	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.27	63	534728	36.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.36%
21) 2-Butanone-d5	4.19	46	662307	98.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.64	84	592641	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.31	65	399995	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
32) Benzene-d6	5.34	84	1249230	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.33	67	425631	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.56	98	1059899	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%
43) trans-1,3-Dichloropropene-	7.85	79	176002	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.00%
47) 2-Hexanone-d5	8.31	63	415180	107.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	539324	45.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	336653	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%

Target Compounds

					Ovalue
13) Acetone	2.35	43	13870	1.831 ug/L	77
20) cis-1,2-Dichloroethene	4.23	96	18573m	2.402 ug/L	
34) Trichloroethene	6.19	95	60198	8.186 ug/L	91
46) Tetrachloroethene	8.22	164	25743	5.135 ug/L	95

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

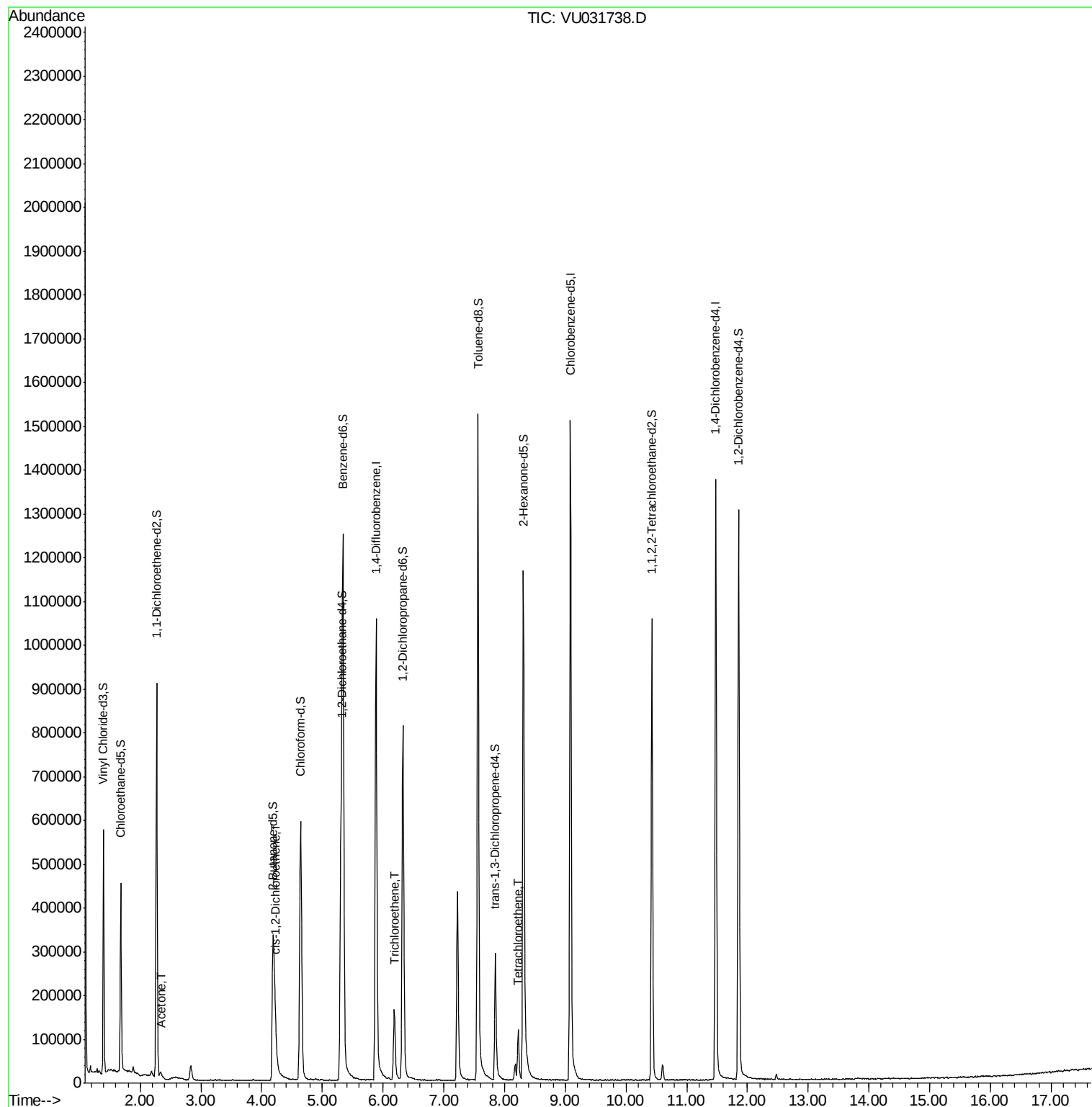
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050319\
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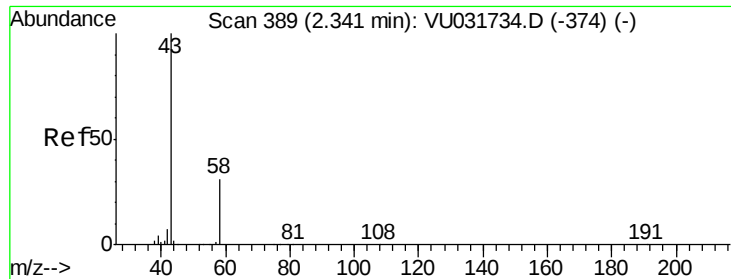
Instrument :
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Quant Time: May 04 04:09:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.831 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.01 min

Lab File: VU031738.D

Acq: 03 May 2019 10:38

Instrument :

MSVOA_U

ClientSampled :

C0B39

Tot Ion: 43 Resp: 13870

Ion Ratio Lower Upper

43 100

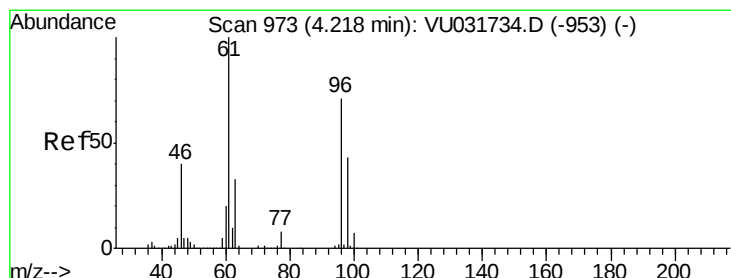
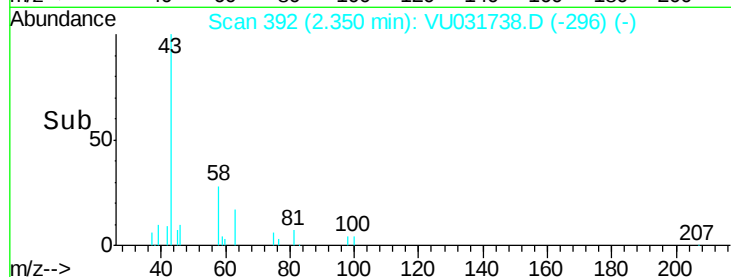
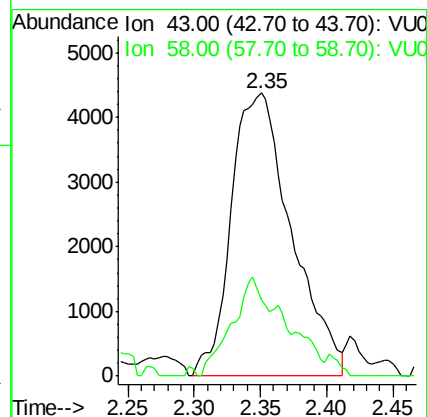
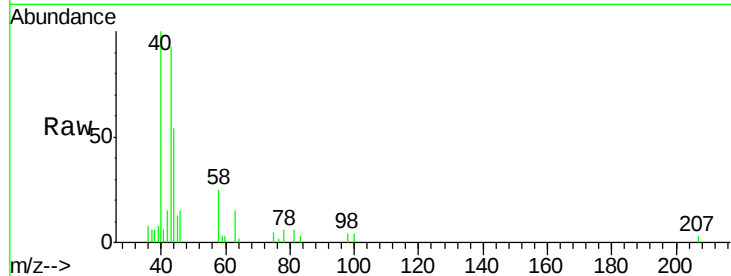
58 19.5 0.0 64.4

Manual Integrations

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5/6/2019 11:42:45 AM



#20

cis-1,2-Dichloroethene

Concen: 2.402 ug/L m

RT: 4.23 min Scan# 977

Delta R.T. 0.01 min

Lab File: VU031738.D

Acq: 03 May 2019 10:38

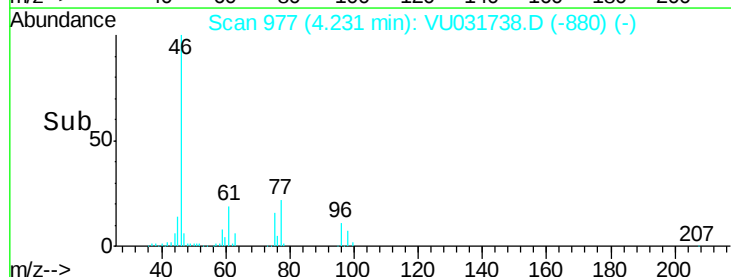
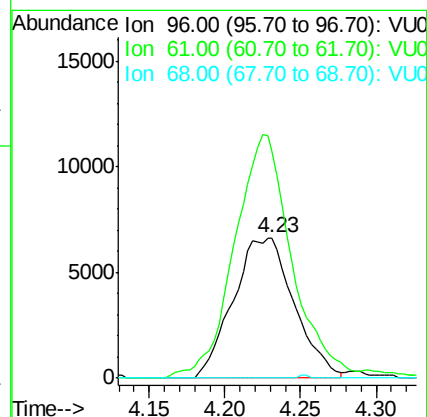
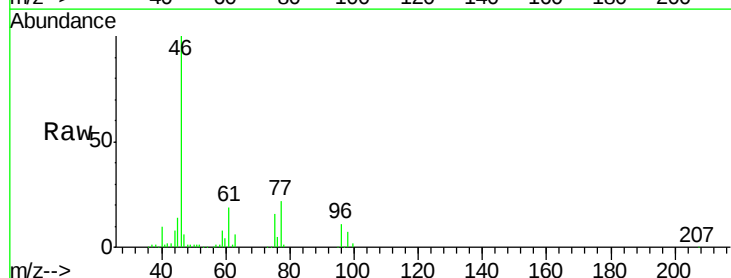
Tgt Ion: 96 Resp: 18573

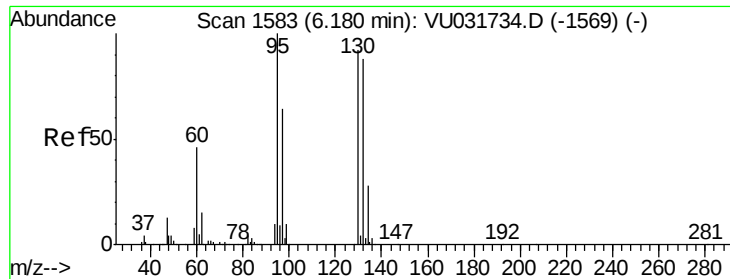
Ion Ratio Lower Upper

96 100

61 161.6 99.5 184.7

68 0.0 0.0 0.0





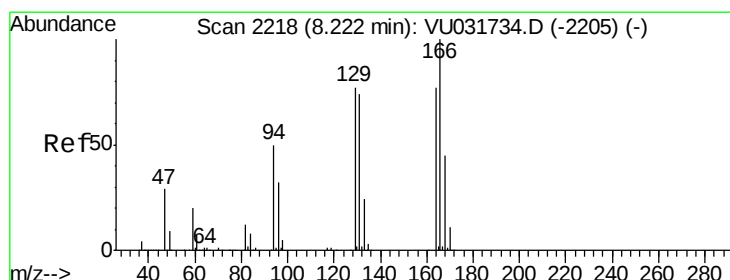
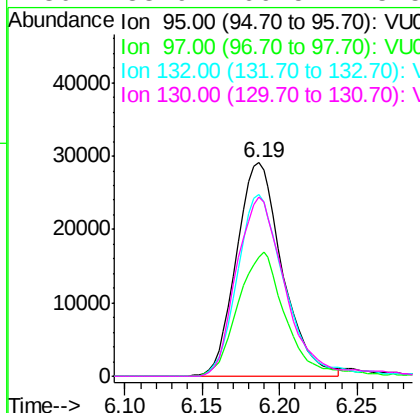
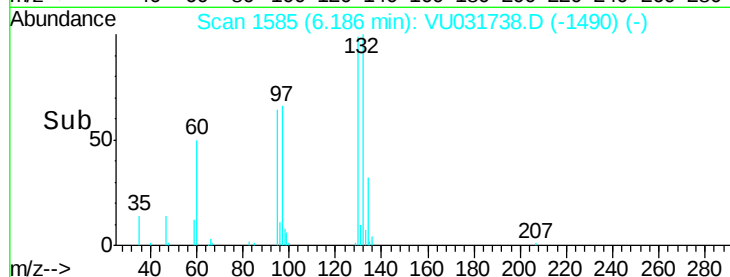
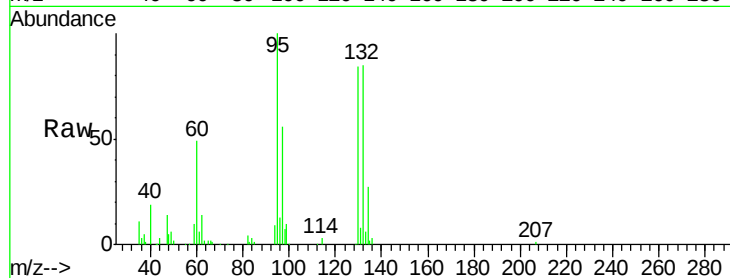
#34
 Trichloroethene
 Concen: 8.186 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031738.D
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Tot Ion	95	Resp:	60198
Ion	Ratio	Lower	Upper
95	100		
97	55.6	44.8	83.2
132	84.9	63.1	117.1
130	83.9	66.5	123.5

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#46
 Tetrachloroethene
 Concen: 5.135 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031738.D
 Acq: 03 May 2019 10:38

Tgt Ion	164	Resp:	25743
Ion	Ratio	Lower	Upper
164	100		
129	111.0	71.5	132.9
131	103.2	69.0	128.2
166	131.5	93.7	173.9

