

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031073.D
 Acq On : 11 Apr 2019 16:59
 Operator : JC/SP
 Sample : K2277-21ME
 Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R5ME

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:45:16 PM

Quant Time: Apr 12 05:41:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	731224	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	722309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	360490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	191987	29.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.82%#
7) Chloroethane-d5	1.64	69	167269m	33.76	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.52%#
11) 1,1-Dichloroethene-d2	2.23	63	311655	26.40	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.80%#
21) 2-Butanone-d5	4.18	46	437590	84.59	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.59%
24) Chloroform-d	4.64	84	382759	38.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.78%
26) 1,2-Dichloroethane-d4	5.30	65	283810	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
32) Benzene-d6	5.33	84	795876	37.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.48%
36) 1,2-Dichloropropane-d6	6.32	67	280860	38.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.74%
41) Toluene-d8	7.56	98	689011	36.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.72%#
43) trans-1,3-Dichloropropene-	7.85	79	128485	38.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.98%
47) 2-Hexanone-d5	8.32	63	318615	96.47	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	439845	45.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	296824	41.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.74%

Target Compounds

					Ovalue
13) Acetone	2.34	43	35599	6.725 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	20976	3.540 ug/L	99
34) Trichloroethene	6.18	95	14739	2.542 ug/L	93
46) Tetrachloroethene	8.22	164	26924	6.388 ug/L	97

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

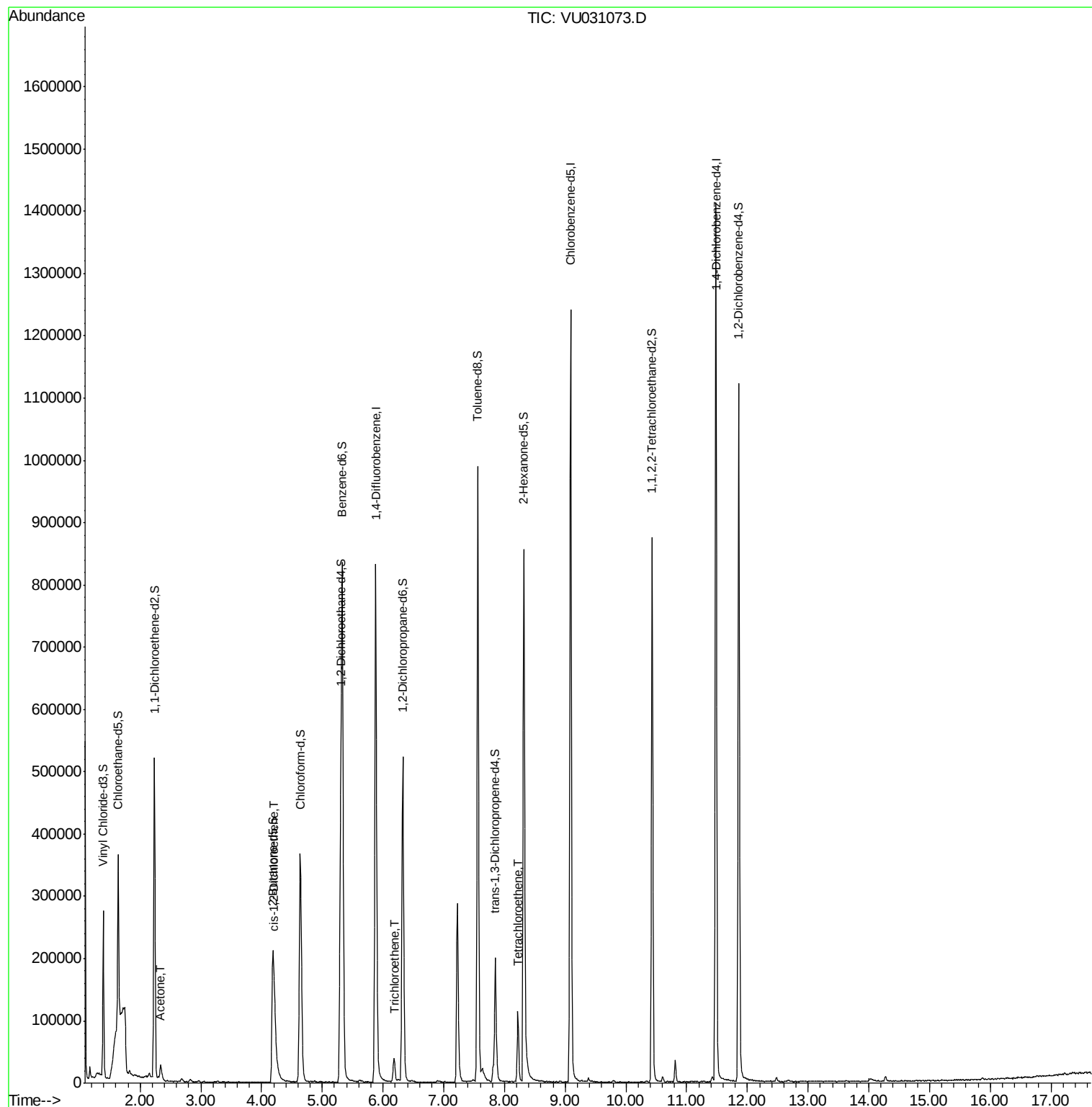
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031073.D
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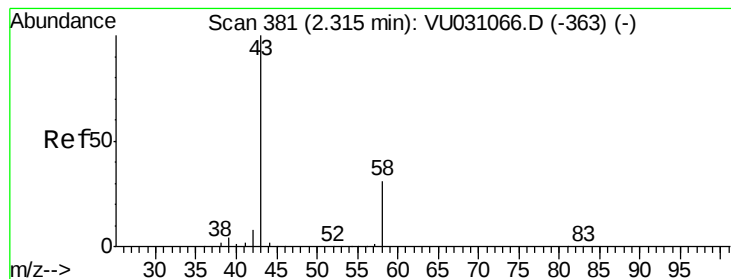
Instrument :
MSVOA_U
ClientSampleId :
BF2R5ME

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Quant Time: Apr 12 05:41:07 2019
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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.725 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU031073.D

Acq: 11 Apr 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

BF2R5ME

Tot Ion: 43 Resp: 35599

Ion Ratio Lower Upper

43 100

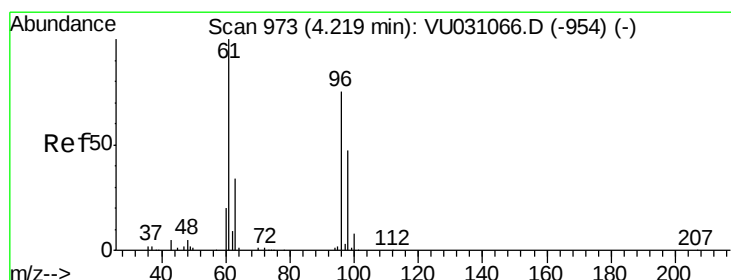
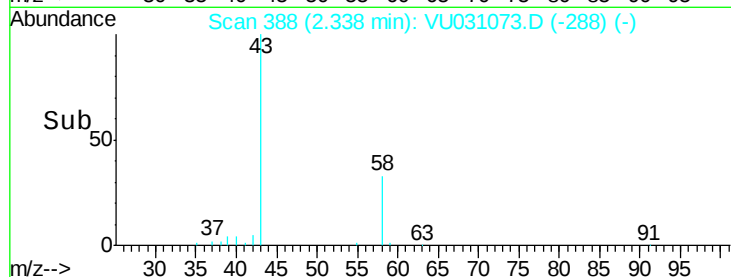
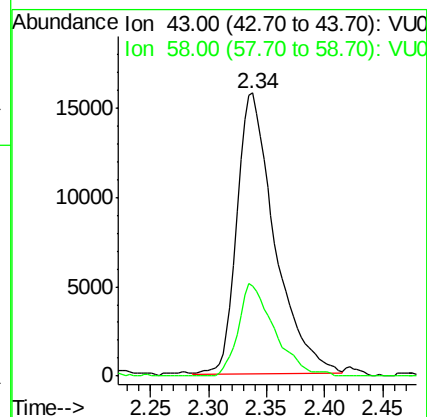
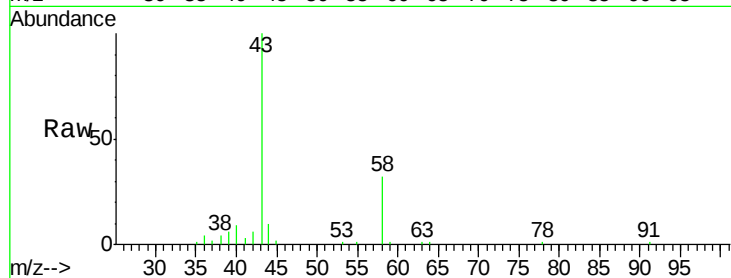
58 30.7 0.0 64.0

Manual Integrations

APPROVED

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4/12/2019 5:45:16 PM



#20

cis-1,2-Dichloroethene

Concen: 3.540 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU031073.D

Acq: 11 Apr 2019 16:59

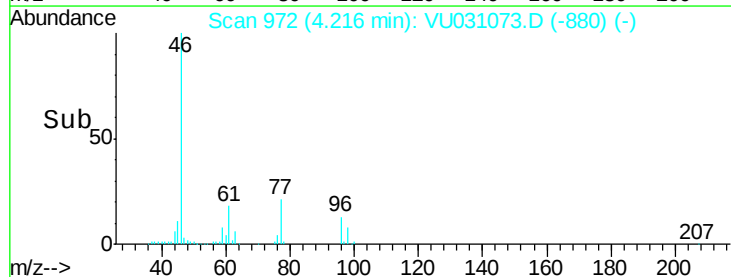
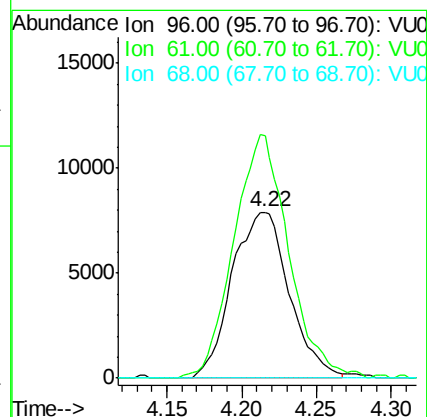
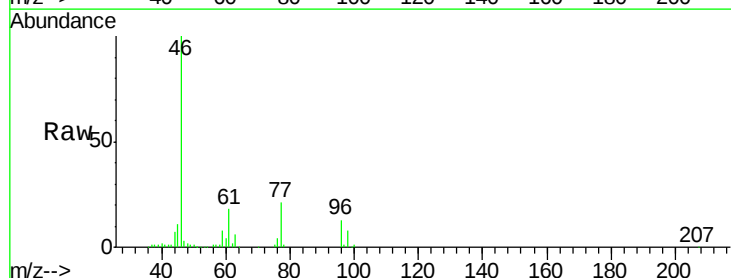
Tgt Ion: 96 Resp: 20976

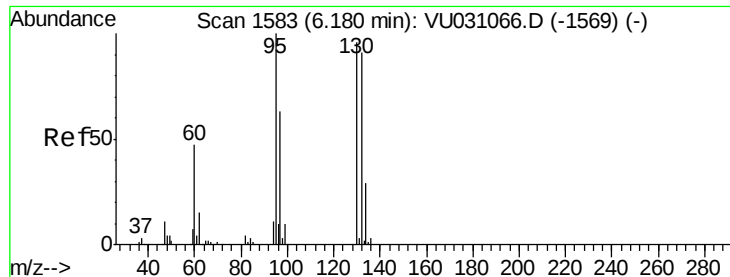
Ion Ratio Lower Upper

96 100

61 146.2 102.9 191.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.542 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031073.D

Acq: 11 Apr 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

BF2R5ME

Tot Ion: 95 Resp: 14739

Ion Ratio Lower Upper

95 100

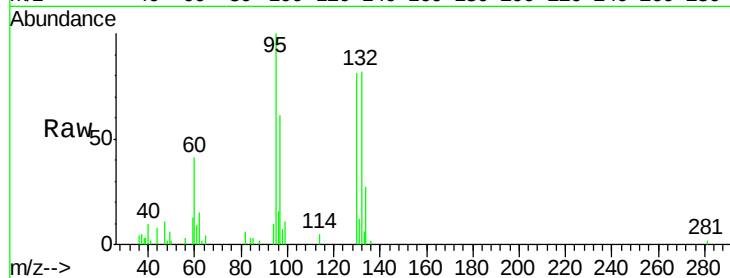
97 61.3 44.5 82.7

132 82.5 61.5 114.1

130 81.2 64.9 120.5

Manual Integrations
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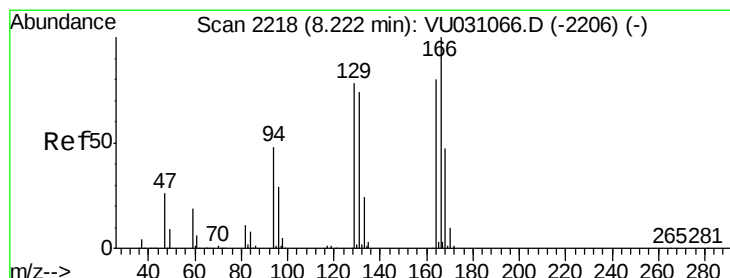
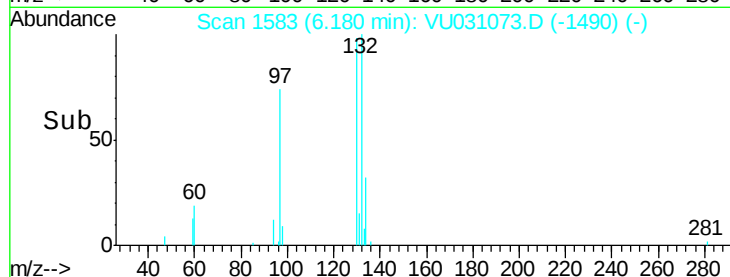
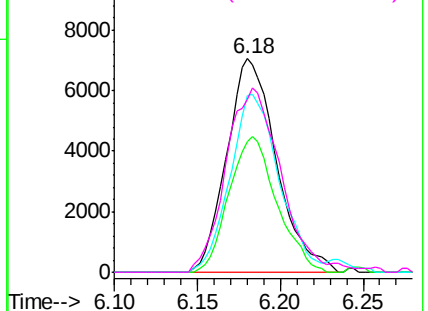


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 6.388 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031073.D

Acq: 11 Apr 2019 16:59

Tgt Ion: 164 Resp: 26924

Ion Ratio Lower Upper

164 100

129 94.1 67.4 125.2

131 91.2 65.9 122.5

166 130.5 88.6 164.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

