

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033106.D
 Acq On : 01 Jul 2019 11:40
 Operator : JC/SP
 Sample : K3599-16
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM25

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 8:59:35 AM

Quant Time: Jul 02 05:55:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 04:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	206320	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	27843	19.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.50%#
7) Chloroethane-d5	1.64	69	18839	16.75	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.50%#
11) 1,1-Dichloroethene-d2	2.22	63	48415m	17.04	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	34.08%#
21) 2-Butanone-d5	4.20	46	60840	51.84	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	51.84%
24) Chloroform-d	4.64	84	65781	24.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.00%#
26) 1,2-Dichloroethane-d4	5.30	65	46619	25.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	51.06%#
32) Benzene-d6	5.32	84	123477	23.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	46.20%#
36) 1,2-Dichloropropane-d6	6.32	67	41567	24.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	48.82%#
41) Toluene-d8	7.56	98	110431	22.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	44.12%#
43) trans-1,3-Dichloropropene-	7.85	79	19024	21.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.96%#
47) 2-Hexanone-d5	8.32	63	35995	45.28	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	45.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64661	24.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	49.14%#
64) 1,2-Dichlorobenzene-d4	11.86	152	44782	23.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.00%#

Target Compounds					Ovalue	
22) 2-Butanone	4.28	43	18788m	11.183	ug/L	
34) Trichloroethene	6.18	95	10431	6.610	ug/L	97
46) Tetrachloroethene	8.22	164	5336	4.126	ug/L	92

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

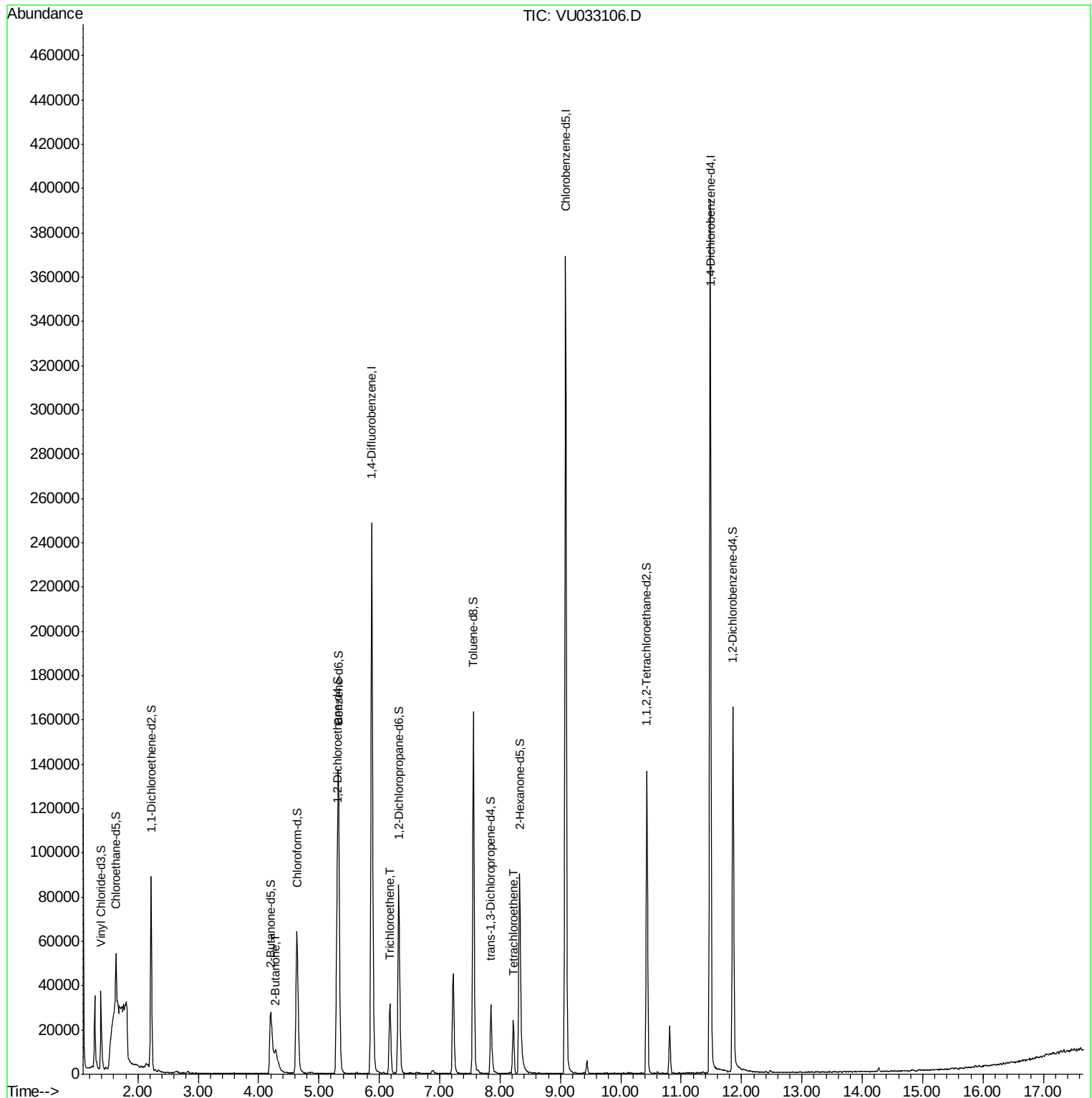
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070119\
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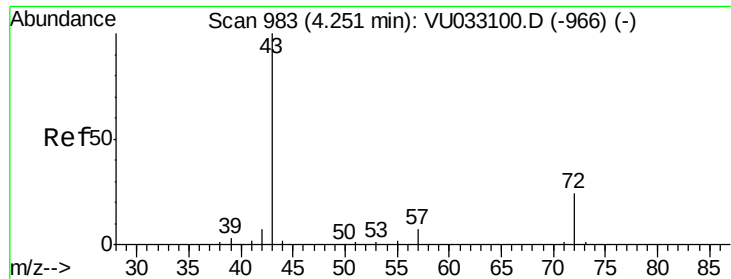
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Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration





#22

2-Butanone

Concen: 11.183 ug/L m

RT: 4.28 min Scan# 993

Delta R.T. 0.03 min

Lab File: VU033106.D

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Instrument :

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ClientSampleId :

GAM25

Tot Ion: 43 Resp: 18788

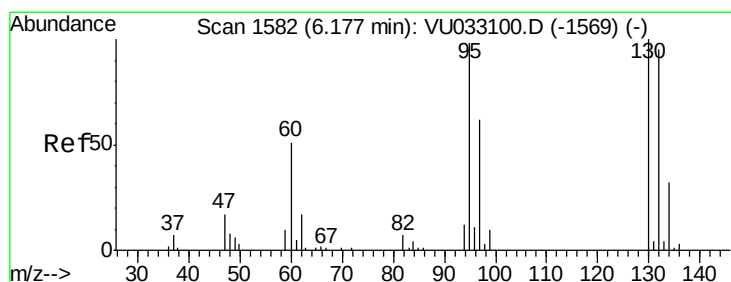
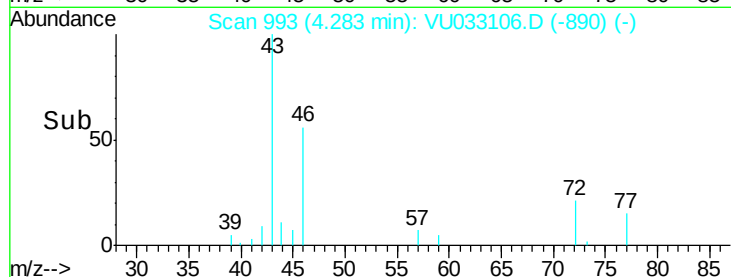
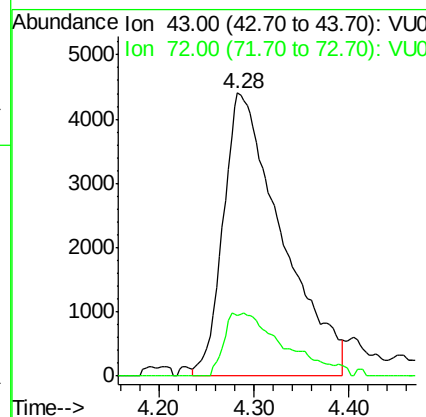
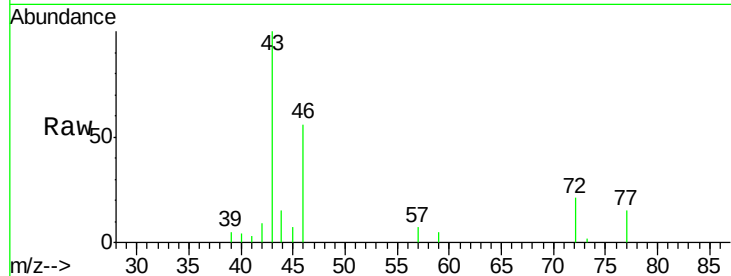
Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#

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#34

Trichloroethene

Concen: 6.610 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033106.D

Acq: 01 Jul 2019 11:40

Tgt Ion: 95 Resp: 10431

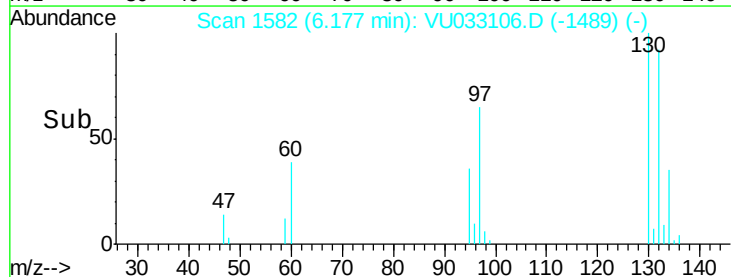
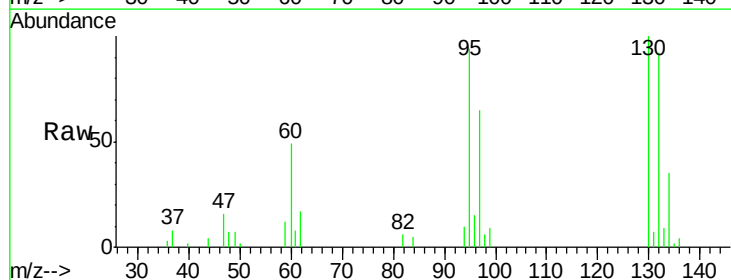
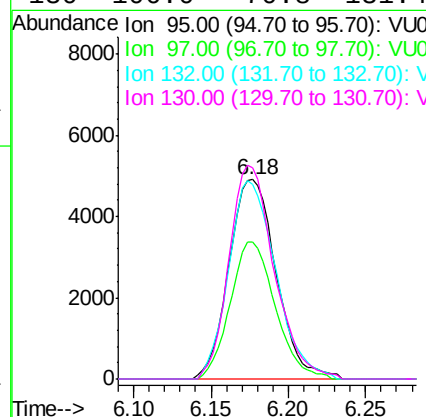
Ion Ratio Lower Upper

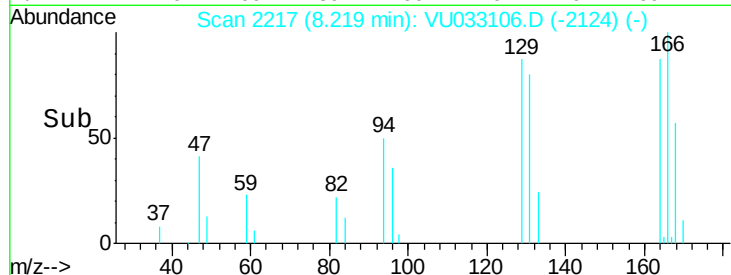
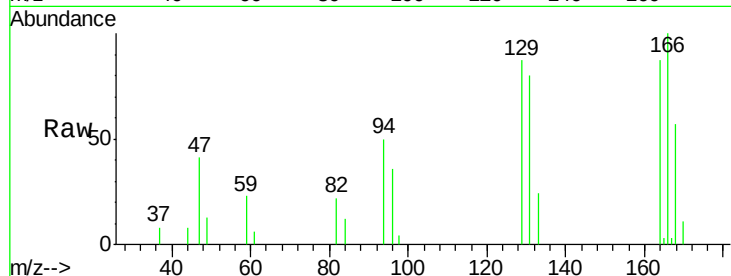
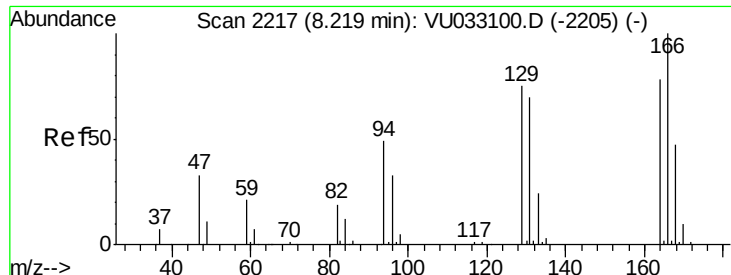
95 100

97 68.6 45.9 85.3

132 97.4 68.5 127.3

130 106.0 70.8 131.4





#46

Tetrachloroethene

Concen: 4.126 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

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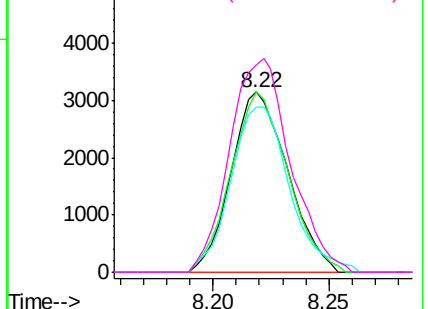
Tot Ion:	164	Resp:	5336
Ion Ratio	Lower	Upper	
164	100		
129	100.4	64.8	120.3
131	91.7	64.5	119.7
166	115.0	91.3	169.6

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



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