

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033112.D
 Acq On : 01 Jul 2019 13:58
 Operator : JC/SP
 Sample : K3599-01ME
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM10ME

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:00:05 AM

Quant Time: Jul 02 07:00:04 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	257907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	259635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64286	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.94%
7) Chloroethane-d5	1.64	69	45406	32.30	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.22	63	112919m	31.80	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.60%
21) 2-Butanone-d5	4.19	46	157529	107.38	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.38%
24) Chloroform-d	4.63	84	157460	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.30	65	114724	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
32) Benzene-d6	5.32	84	302723	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
36) 1,2-Dichloropropane-d6	6.32	67	100768	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.56	98	271162	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%
43) trans-1,3-Dichloropropene-	7.85	79	48098	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.78%
47) 2-Hexanone-d5	8.32	63	98143	97.49	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158874	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	115890	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%

Target Compounds					Ovalue
22) 2-Butanone	4.29	43	17314m	8.244 ug/L	
46) Tetrachloroethene	8.22	164	2955	1.805 ug/L	86

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

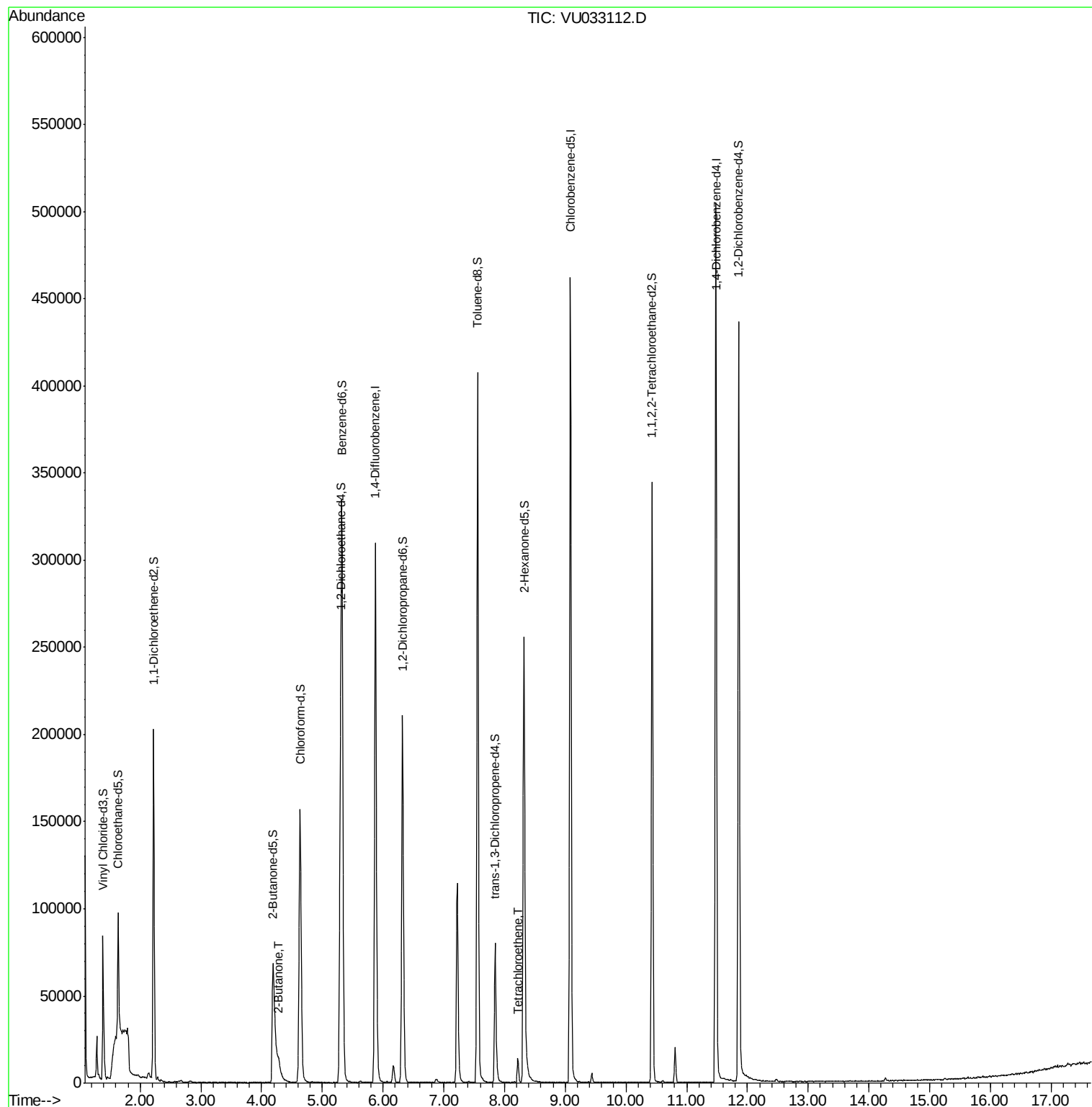
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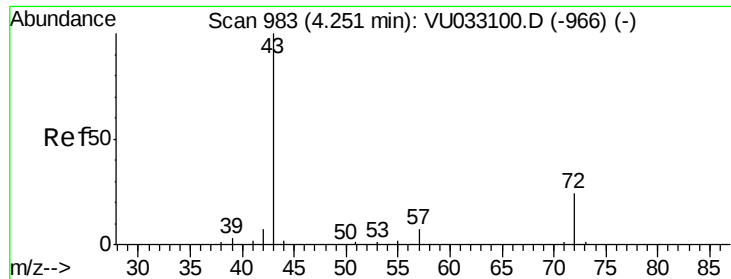
Instrument :
MSVOA_U
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#22

2-Butanone

Concen: 8.244 ug/L m

RT: 4.29 min Scan# 995

Delta R.T. 0.04 min

Lab File: VU033112.D

Acq: 01 Jul 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

GAM10ME

Tot Ion: 43 Resp: 17314

Ion Ratio Lower Upper

43 100

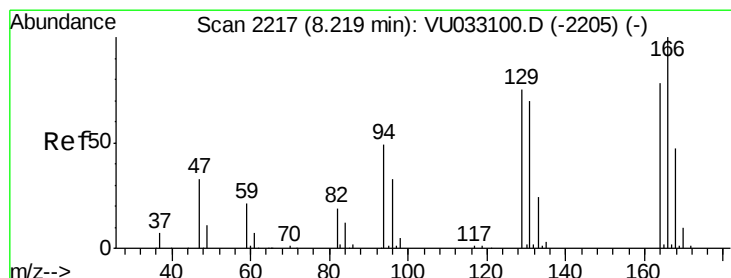
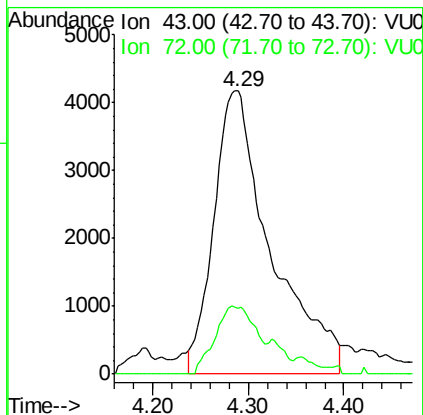
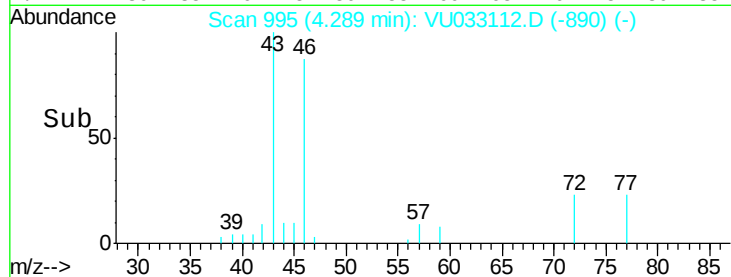
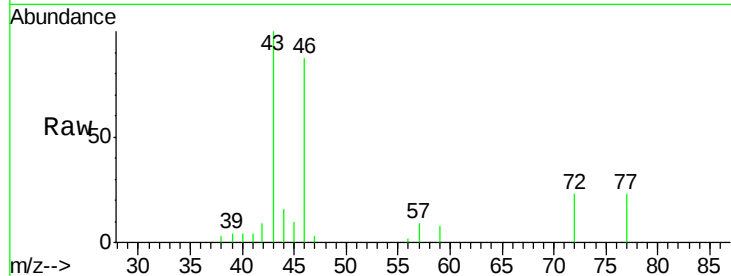
72 17.0 12.9 38.6

Manual Integrations

APPROVED

MMDadoda

7/3/2019 9:00:05 AM



#46

Tetrachloroethene

Concen: 1.805 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033112.D

Acq: 01 Jul 2019 13:58

Tgt Ion: 164 Resp: 2955

Ion Ratio Lower Upper

164 100

129 75.1 64.8 120.3

131 95.3 64.5 119.7

166 109.5 91.3 169.6

