

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029960.D
 Acq On : 10 Mar 2019 19:31
 Operator : JC/SP
 Sample : K1818-17
 Misc : 4.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0R7

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:48:48 AM

Quant Time: Mar 11 08:55:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 07:10:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	596387	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	591648	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298938	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	144939	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.66%
7) Chloroethane-d5	1.64	69	60175m	19.67	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.34%#
11) 1,1-Dichloroethene-d2	2.23	63	211110	30.78	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.56%
21) 2-Butanone-d5	4.20	46	256996	91.16	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.16%
24) Chloroform-d	4.64	84	291704	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.38%
26) 1,2-Dichloroethane-d4	5.30	65	182405	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
32) Benzene-d6	5.33	84	637764	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.32	67	195590	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.84%
41) Toluene-d8	7.56	98	598289	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.85	79	87641	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.34%
47) 2-Hexanone-d5	8.32	63	219163	91.47	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320576	45.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	249345	42.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.06%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	51994	8.637 ug/L	98
6) Bromomethane	1.60	94	3078m	2.489 ug/L	

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

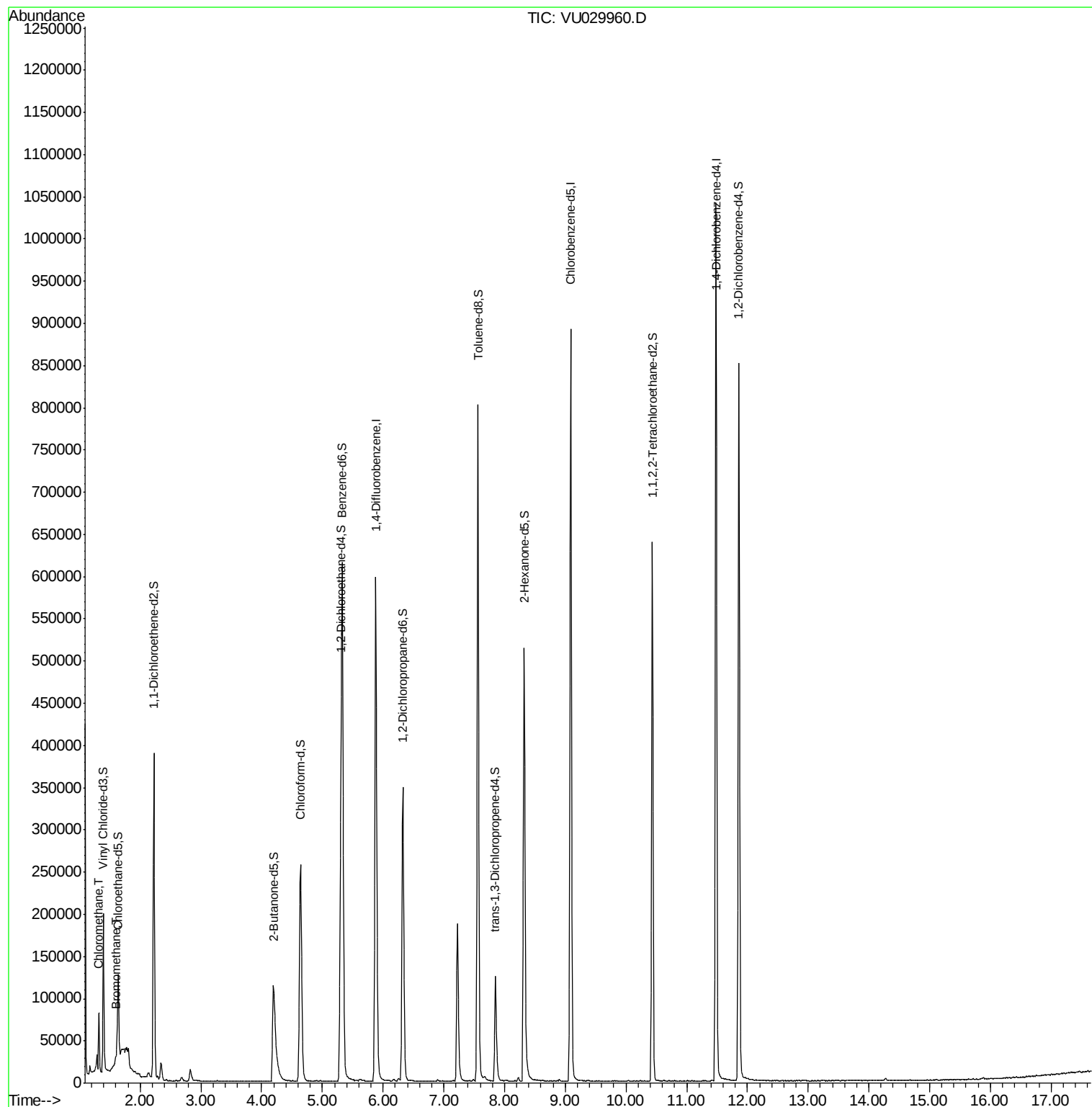
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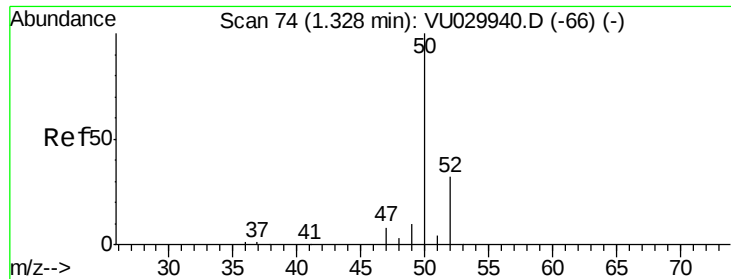
Instrument :
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#3

Chloromethane

Concen: 8.637 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029960.D

Acq: 10 Mar 2019 19:31

Instrument :

MSVOA_U

ClientSampled :

BF0R7

Tot Ion: 50 Resp: 51994

Ion Ratio Lower Upper

50 100

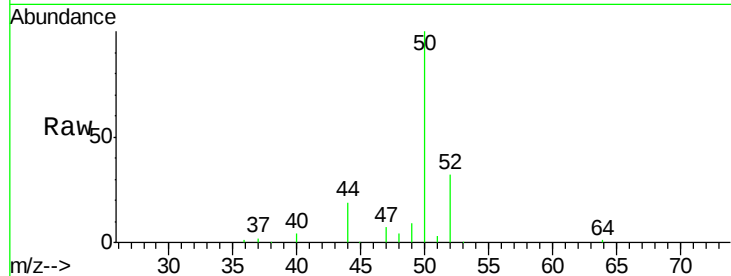
52 31.6 23.1 42.9

Manual Integrations

APPROVED

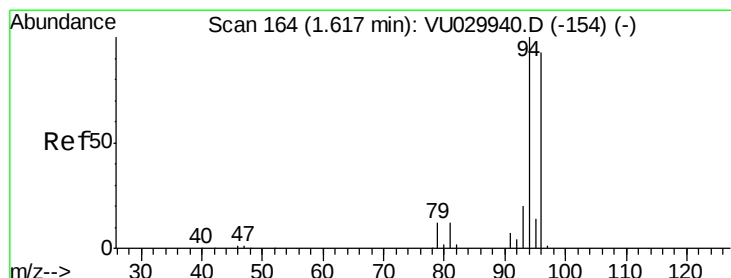
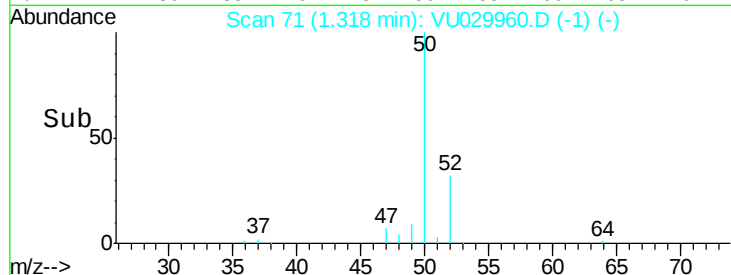
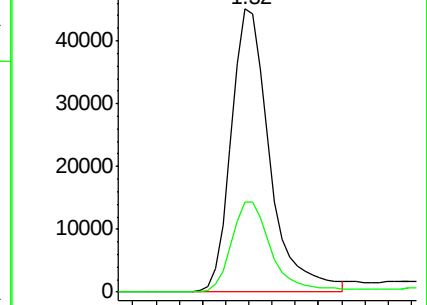
MMDadoda

3/11/2019 11:48:48 AM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.489 ug/L m

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029960.D

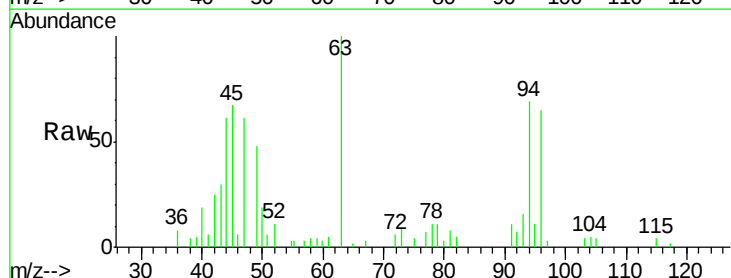
Acq: 10 Mar 2019 19:31

Tgt Ion: 94 Resp: 3078

Ion Ratio Lower Upper

94 100

96 94.7 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

