

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029959.D
 Acq On : 10 Mar 2019 19:08
 Operator : JC/SP
 Sample : K1818-18
 Misc : 5.63µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0R8

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:48:43 AM

Quant Time: Mar 11 08:44:01 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	594146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	590662	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	299592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141097	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.84%
7) Chloroethane-d5	1.64	69	58535m	19.21	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.42%#
11) 1,1-Dichloroethene-d2	2.22	63	204635m	29.95	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.90%#
21) 2-Butanone-d5	4.20	46	249089	88.69	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.69%
24) Chloroform-d	4.64	84	279001	39.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.10%
26) 1,2-Dichloroethane-d4	5.30	65	173087	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
32) Benzene-d6	5.33	84	611083	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.04%
36) 1,2-Dichloropropane-d6	6.32	67	191381	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.10%
41) Toluene-d8	7.56	98	580568	41.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.22%
43) trans-1,3-Dichloropropene-	7.85	79	86936	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
47) 2-Hexanone-d5	8.32	63	221836	92.74	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320816	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	251353	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	47881	7.984 ug/L	97
6) Bromomethane	1.60	94	2996	2.432 ug/L	97

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

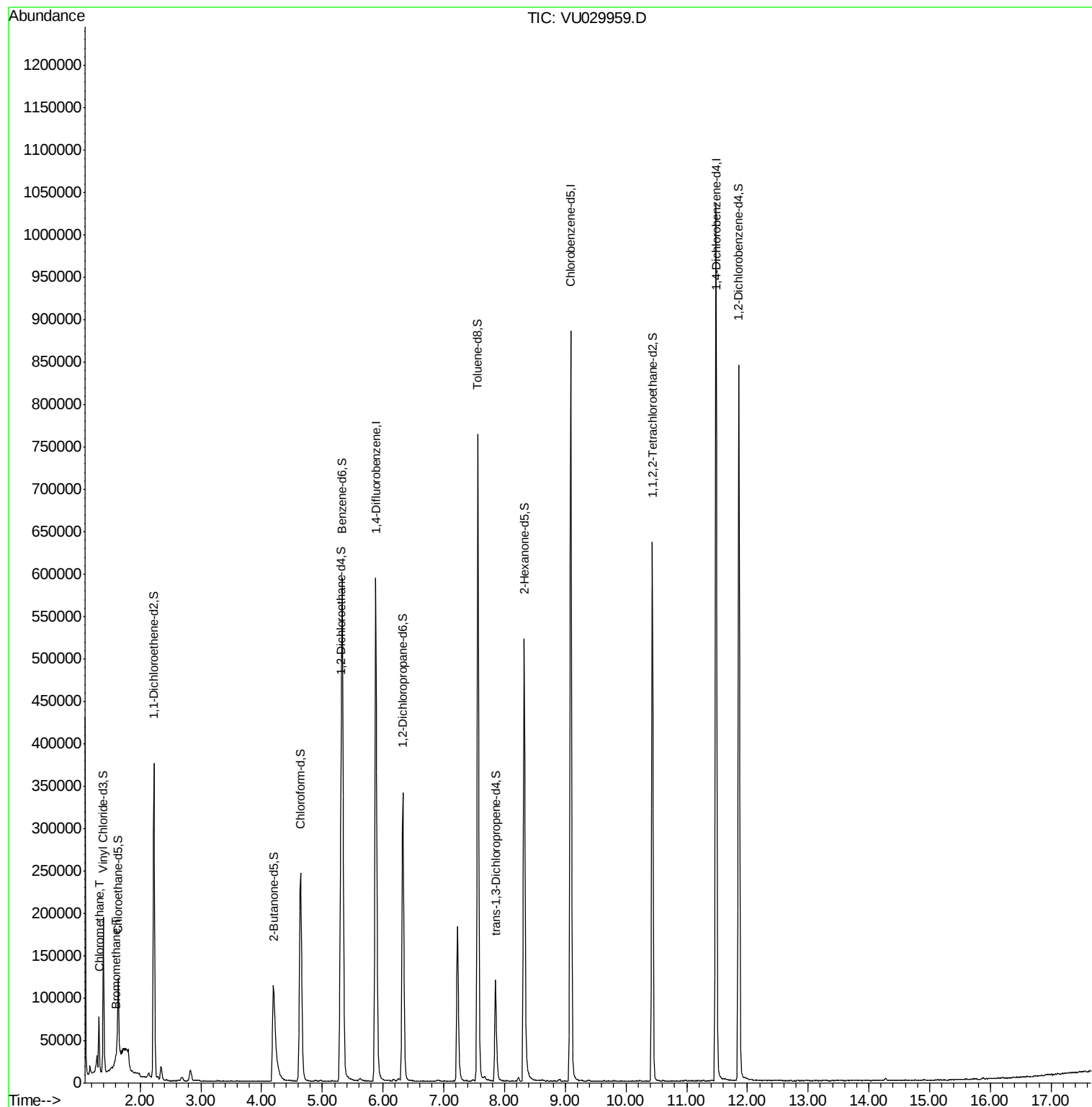
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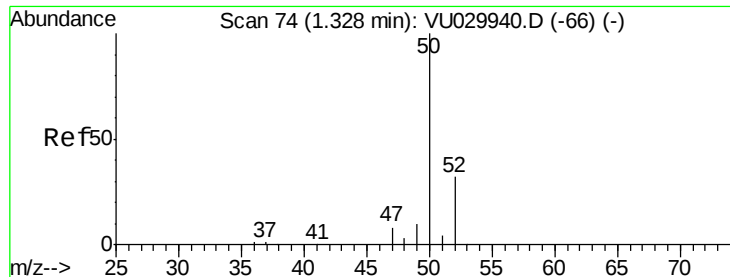
Instrument :
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#3

Chloromethane

Concen: 7.984 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029959.D

Acq: 10 Mar 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

BF0R8

Tot Ion: 50 Resp: 47881

Ion Ratio Lower Upper

50 100

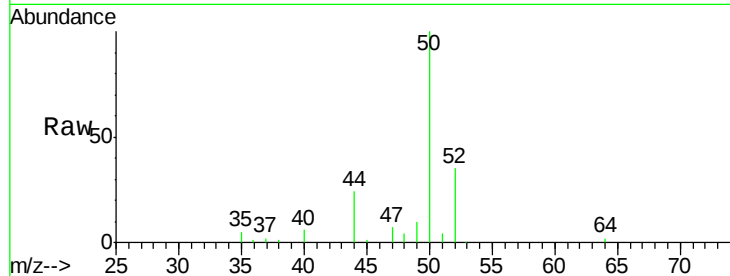
52 34.9 23.1 42.9

Manual Integrations

APPROVED

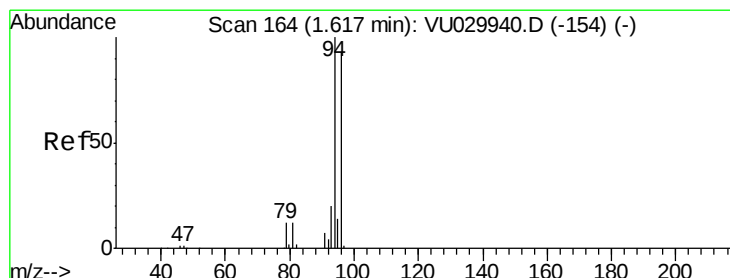
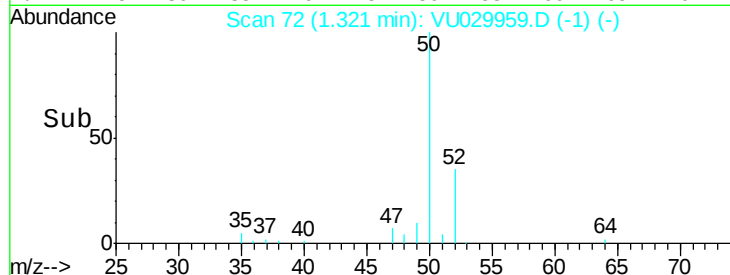
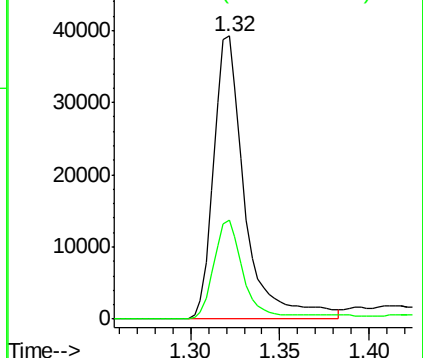
MMDadoda

3/11/2019 11:48:43 AM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.432 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

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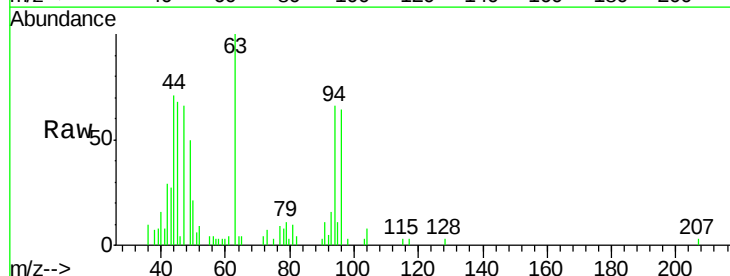
Acq: 10 Mar 2019 19:08

Tgt Ion: 94 Resp: 2996

Ion Ratio Lower Upper

94 100

96 96.5 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

