

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029937.D
 Acq On : 09 Mar 2019 21:54
 Operator : JC/SP
 Sample : K1818-10
 Misc : 5.98g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0R0

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:13:17 AM

Quant Time: Mar 11 04:49:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	558612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	550018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	276175	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	136621	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.18%
7) Chloroethane-d5	1.64	69	55070m	19.22	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.44%#
11) 1,1-Dichloroethene-d2	2.22	63	191029m	29.74	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.48%#
21) 2-Butanone-d5	4.20	46	230226	87.19	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.19%
24) Chloroform-d	4.64	84	258910	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.06%
26) 1,2-Dichloroethane-d4	5.30	65	163462	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
32) Benzene-d6	5.33	84	570238	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.22%
36) 1,2-Dichloropropane-d6	6.32	67	174554	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.32%
41) Toluene-d8	7.56	98	517331	39.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.66%#
43) trans-1,3-Dichloropropene-	7.85	79	78369	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.24%
47) 2-Hexanone-d5	8.32	63	204611	91.86	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286414	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	220434	40.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.40%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	75510	13.391 ug/L	99
6) Bromomethane	1.60	94	3783	3.267 ug/L	92

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

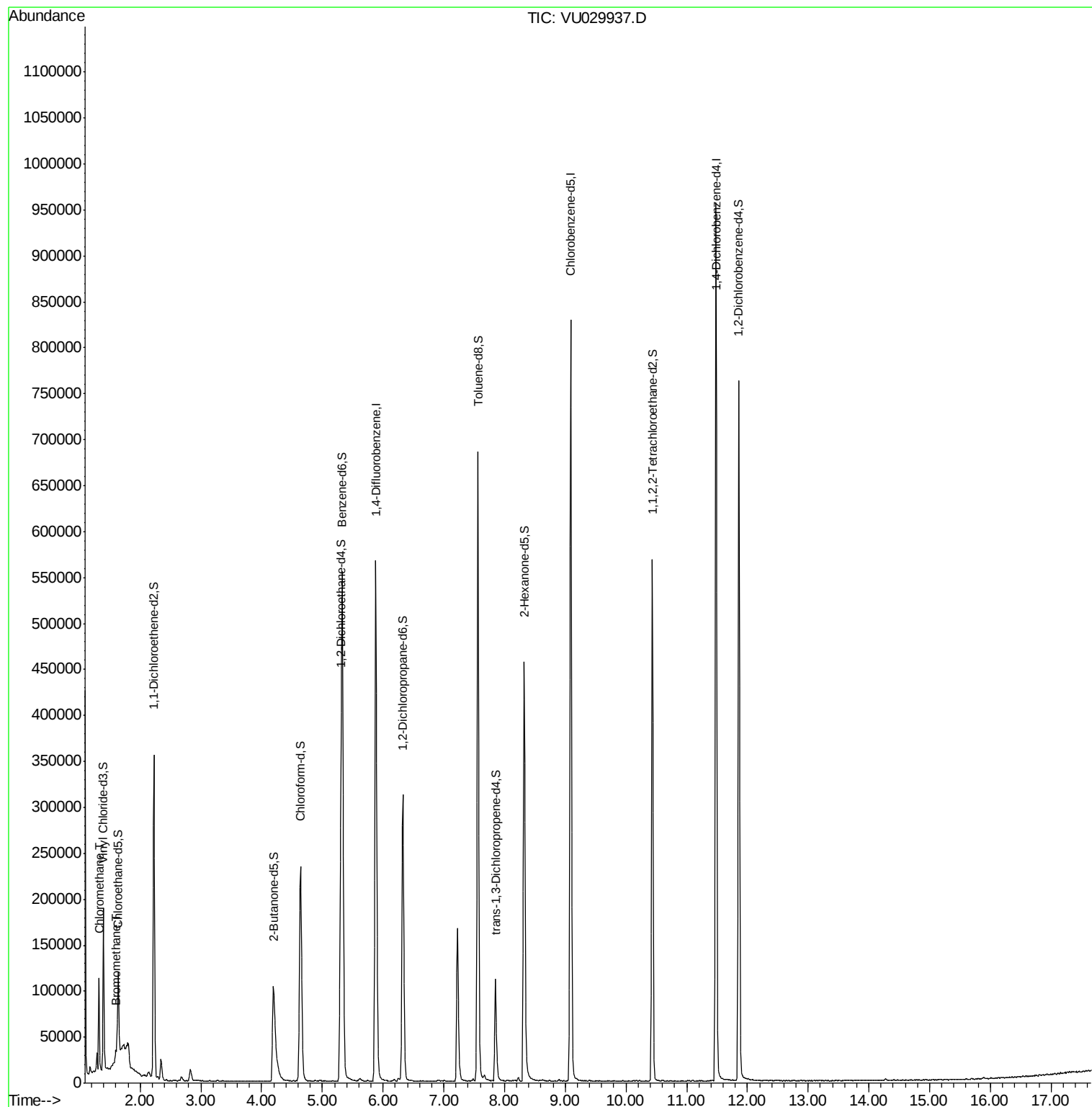
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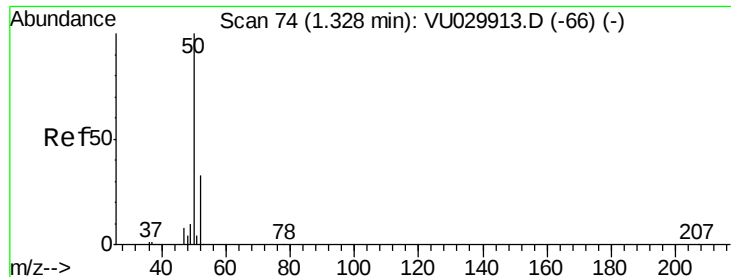
Instrument :
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Response via : Initial Calibration





#3

Chloromethane

Concen: 13.391 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029937.D

Acq: 09 Mar 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

BF0R0

Tot Ion: 50 Resp: 75510

Ion Ratio Lower Upper

50 100

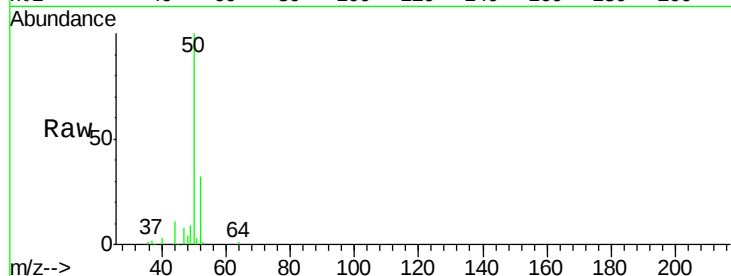
52 32.2 23.1 42.9

Manual Integrations

APPROVED

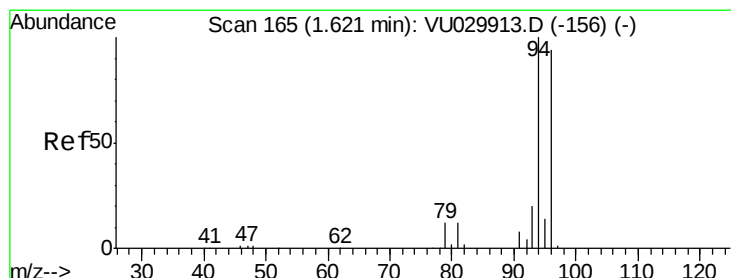
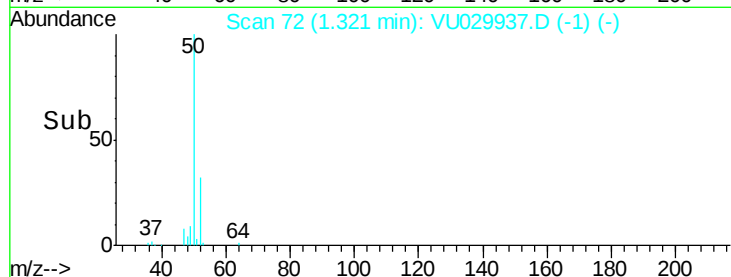
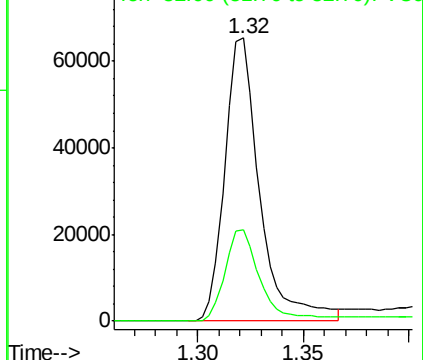
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3/11/2019 11:13:17 AM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 3.267 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

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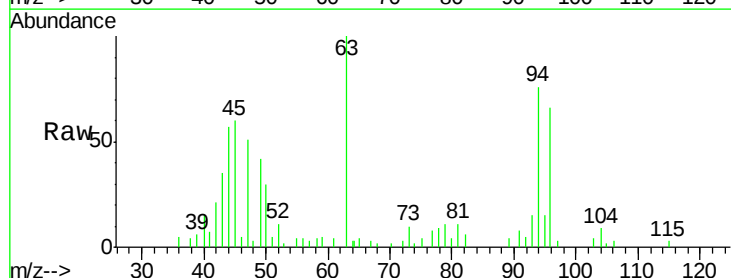
Acq: 09 Mar 2019 21:54

Tgt Ion: 94 Resp: 3783

Ion Ratio Lower Upper

94 100

96 86.1 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

