

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029934.D
 Acq On : 09 Mar 2019 20:44
 Operator : JC/SP
 Sample : K1838-07
 Misc : 6.14g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L4

Manual Integrations
 APPROVED

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 3/11/2019 11:12:58 AM

Quant Time: Mar 11 04:19:02 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	576653	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	565273	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	280645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142664	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.10%
7) Chloroethane-d5	1.64	69	57424	19.41	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.82%#
11) 1,1-Dichloroethene-d2	2.22	63	196644	29.65	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.30%#
21) 2-Butanone-d5	4.20	46	228566	83.85	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.85%
24) Chloroform-d	4.64	84	265187	38.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.46%
26) 1,2-Dichloroethane-d4	5.30	65	166296	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.90%
32) Benzene-d6	5.33	84	580247	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.38%
36) 1,2-Dichloropropane-d6	6.32	67	177147	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.28%
41) Toluene-d8	7.56	98	535487	39.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.24%#
43) trans-1,3-Dichloropropene-	7.85	79	79548	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
47) 2-Hexanone-d5	8.32	63	209290	91.42	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288214	42.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	230154	41.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.62%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	58496	10.049 ug/L	99
6) Bromomethane	1.60	94	2910m	2.434 ug/L	
46) Tetrachloroethene	8.22	164	17415	4.969 ug/L	91

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

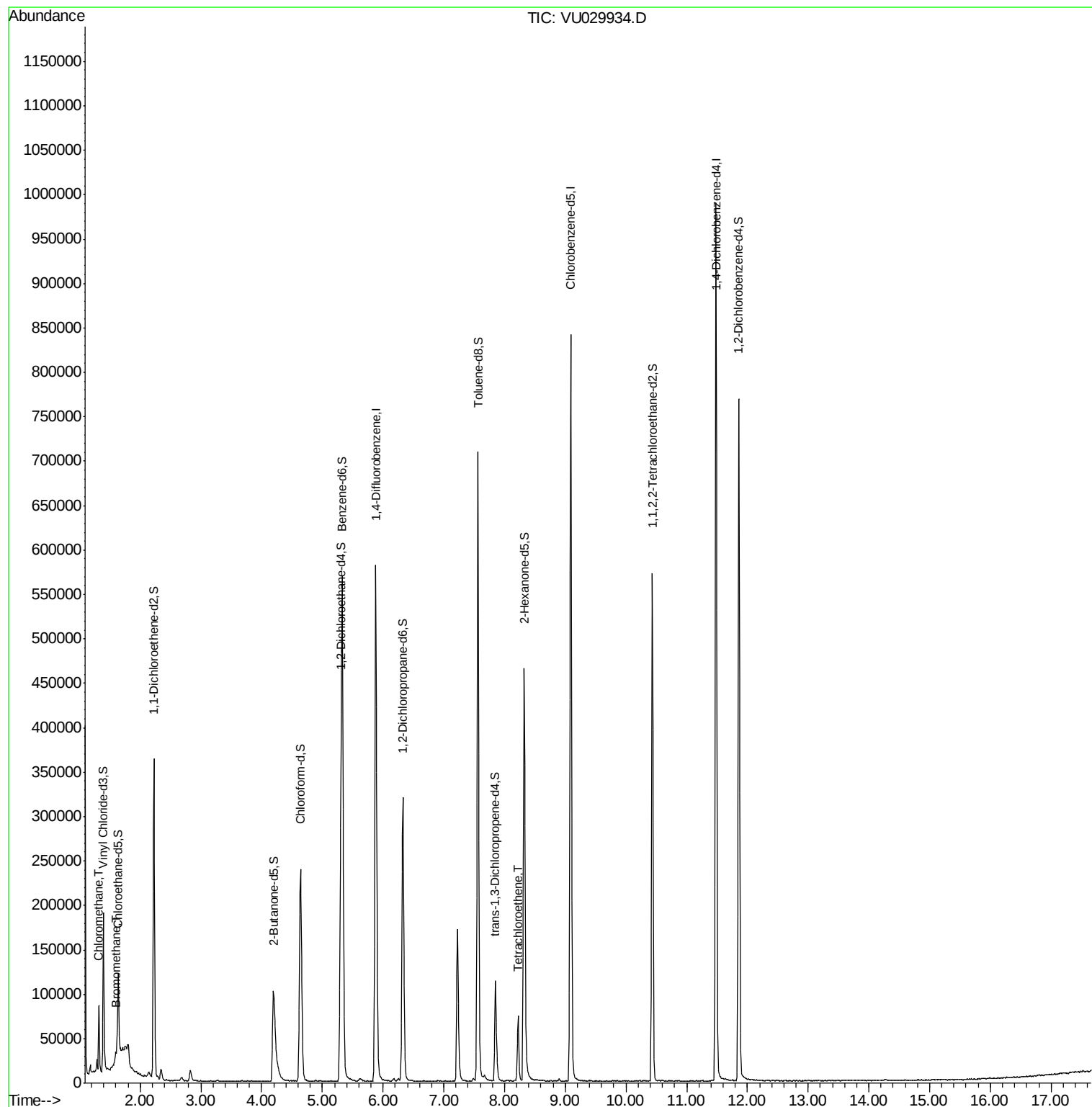
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031119\
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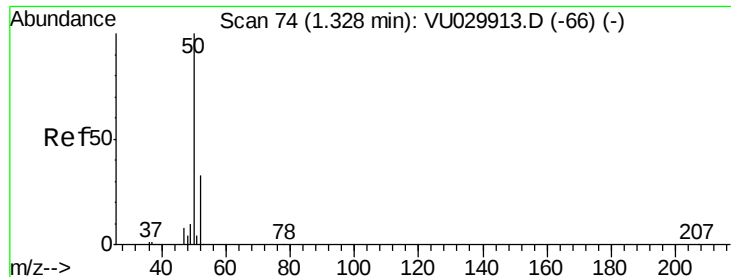
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#3

Chloromethane

Concen: 10.049 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029934.D

Acq: 09 Mar 2019 20:44

Instrument :

MSVOA_U

ClientSampled :

BF2L4

Tot Ion: 50 Resp: 58496

Ion Ratio Lower Upper

50 100

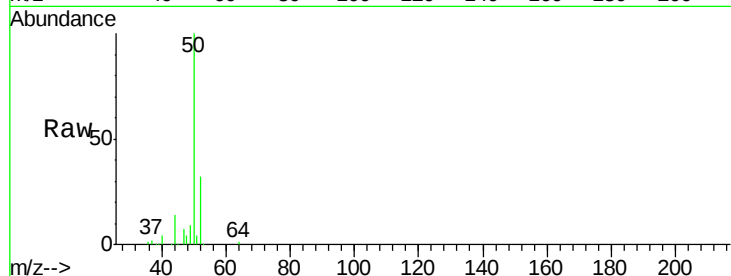
52 32.4 23.1 42.9

Manual Integrations

APPROVED

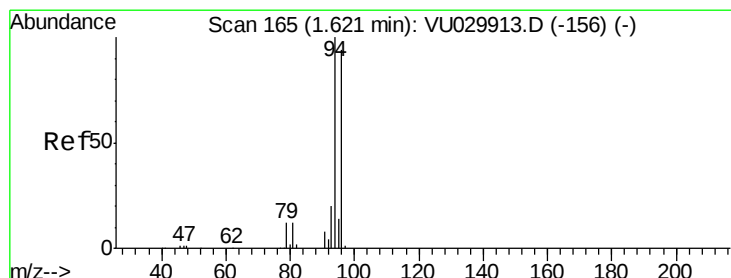
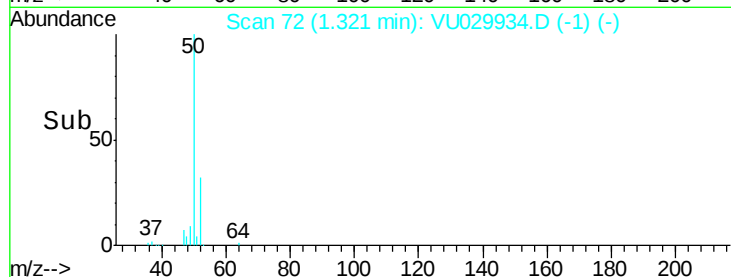
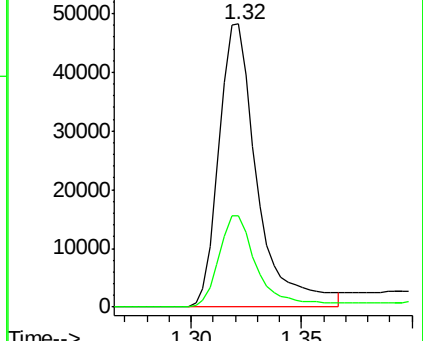
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.434 ug/L m

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029934.D

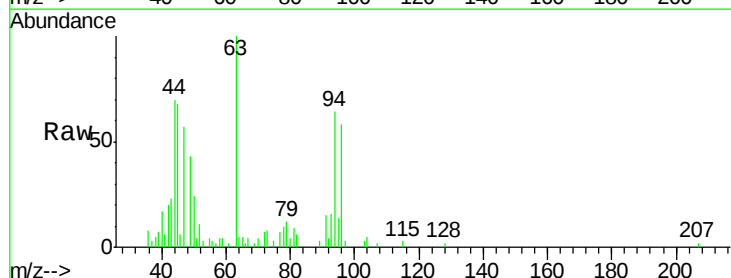
Acq: 09 Mar 2019 20:44

Tgt Ion: 94 Resp: 2910

Ion Ratio Lower Upper

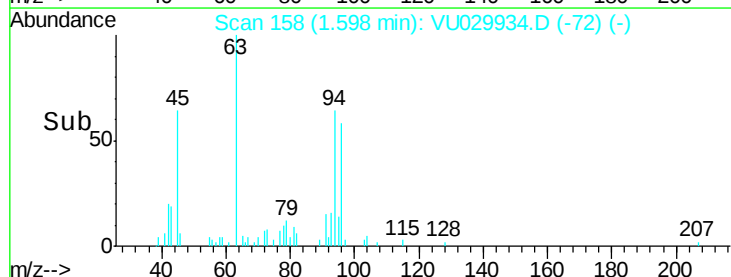
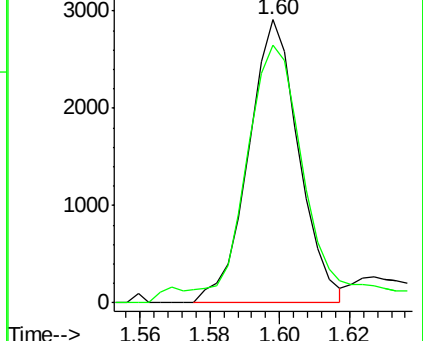
94 100

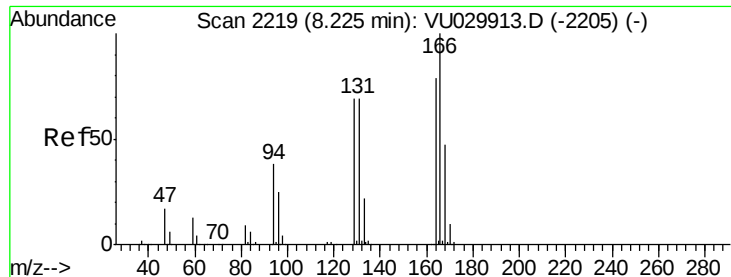
96 91.2 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46
Tetrachloroethene
Concen: 4.969 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
164	100		
129	94.0	61.0	113.2
131	93.5	60.5	112.3
166	139.2	88.3	163.9

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