

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029933.D
 Acq On : 09 Mar 2019 20:21
 Operator : JC/SP
 Sample : K1838-06
 Misc : 6.12g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L3

Manual Integrations
 APPROVED

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 3/11/2019 11:12:53 AM

Quant Time: Mar 11 04:16:20 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	577842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143196	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.24%
7) Chloroethane-d5	1.64	69	58832m	19.85	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.70%#
11) 1,1-Dichloroethene-d2	2.22	63	203200m	30.58	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	4.20	46	223862	81.96	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.96%
24) Chloroform-d	4.64	84	266525	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.68%
26) 1,2-Dichloroethane-d4	5.30	65	163662	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
32) Benzene-d6	5.33	84	585682	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.32	67	178578	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.18%
41) Toluene-d8	7.56	98	551692	39.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.90%#
43) trans-1,3-Dichloropropene-	7.85	79	80257	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.32%
47) 2-Hexanone-d5	8.32	63	206721	88.39	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293720	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	243869	41.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.36%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	69676	11.945 ug/L	99
6) Bromomethane	1.60	94	3753	3.133 ug/L	92
46) Tetrachloroethene	8.22	164	71589	19.995 ug/L	97

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

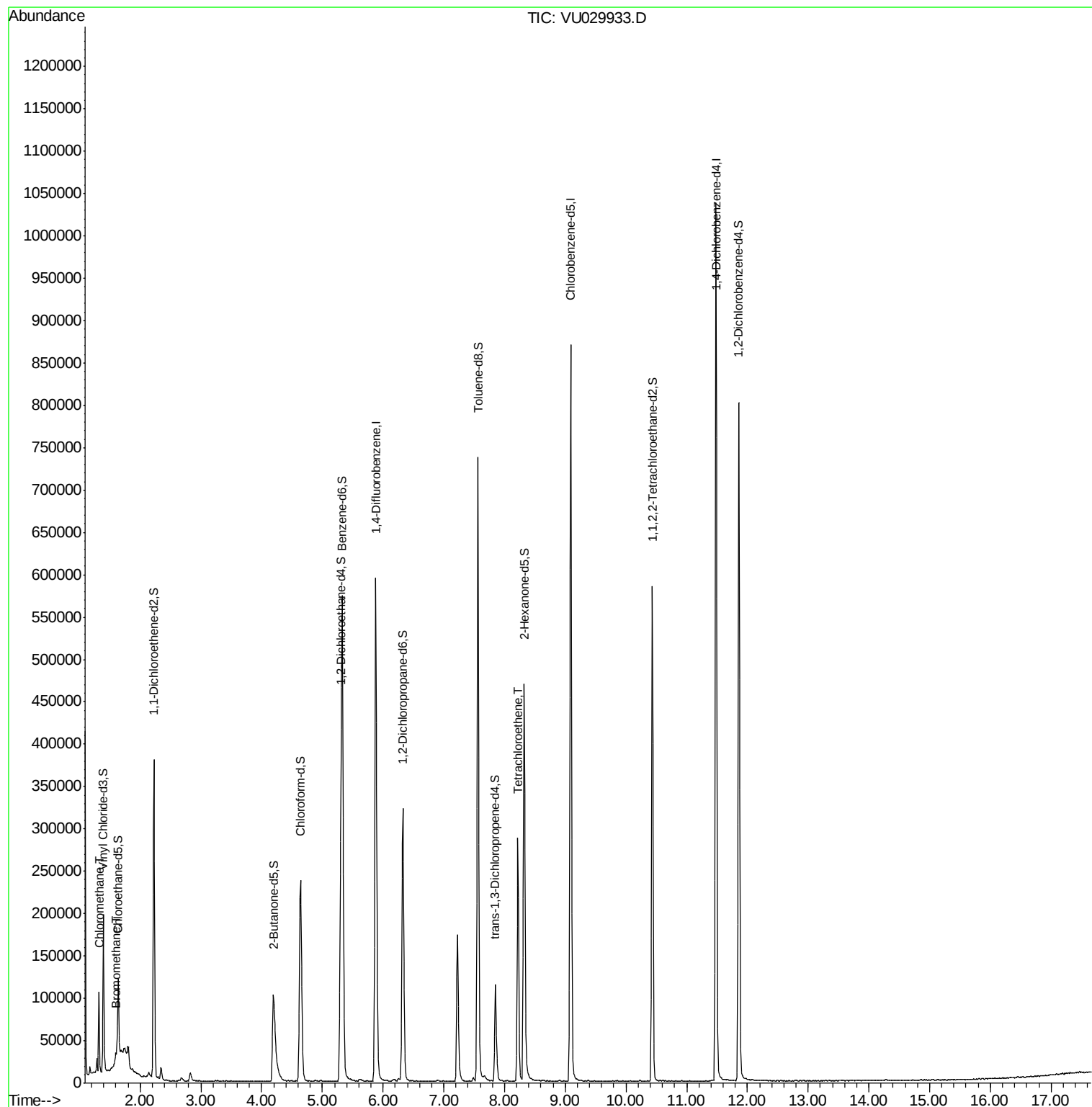
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031119\
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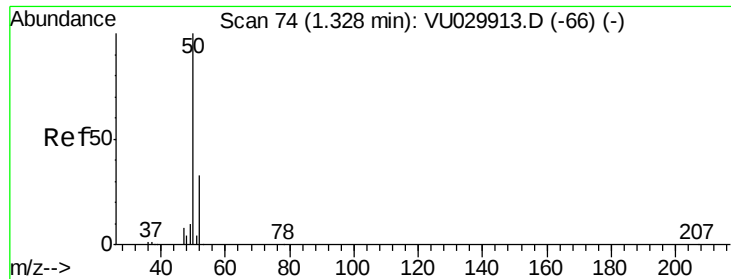
Instrument :
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QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 11.945 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029933.D

Acq: 09 Mar 2019 20:21

Instrument :

MSVOA_U

ClientSampleId :

BF2L3

Tot Ion: 50 Resp: 69676

Ion Ratio Lower Upper

50 100

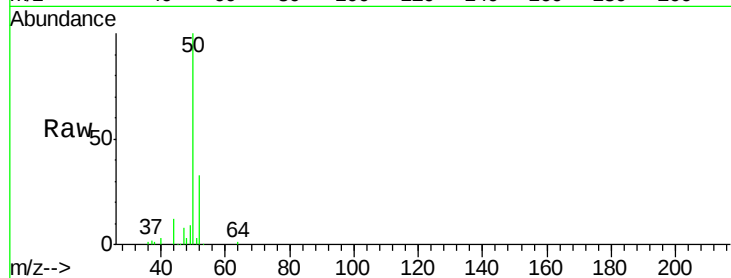
52 32.6 23.1 42.9

Manual Integrations

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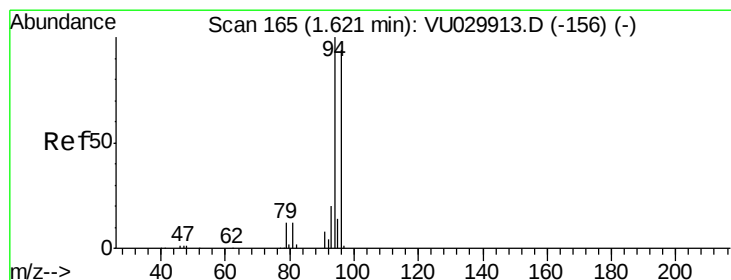
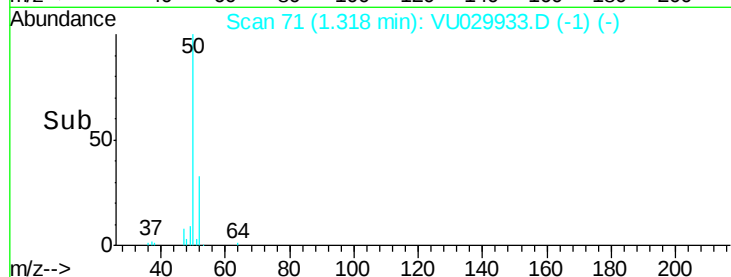
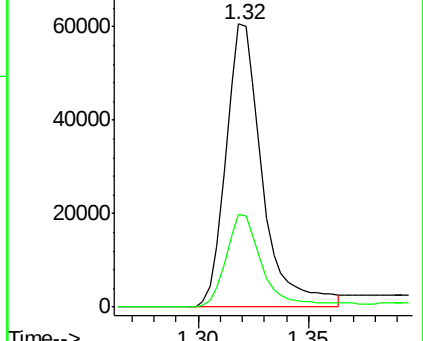
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 3.133 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029933.D

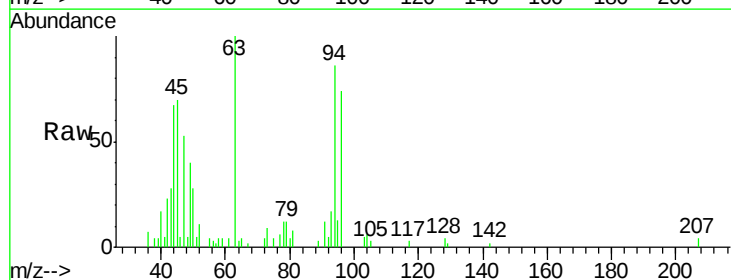
Acq: 09 Mar 2019 20:21

Tgt Ion: 94 Resp: 3753

Ion Ratio Lower Upper

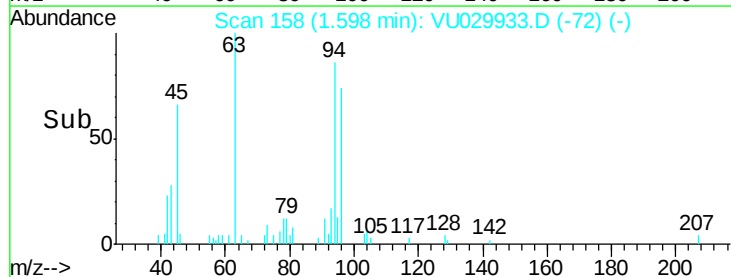
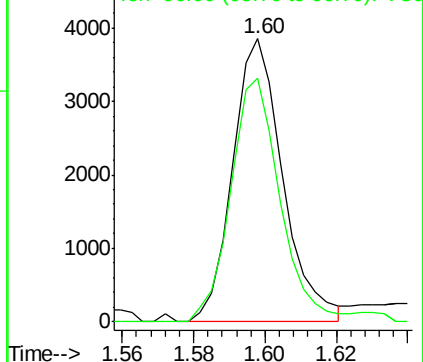
94 100

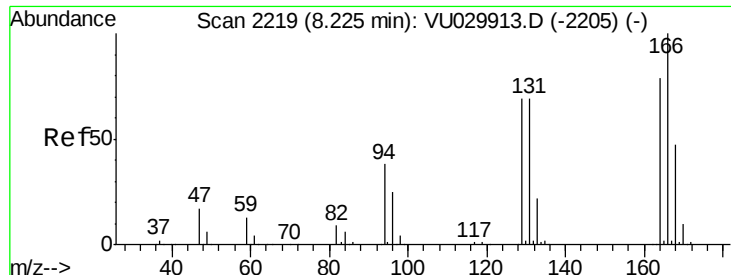
96 86.3 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

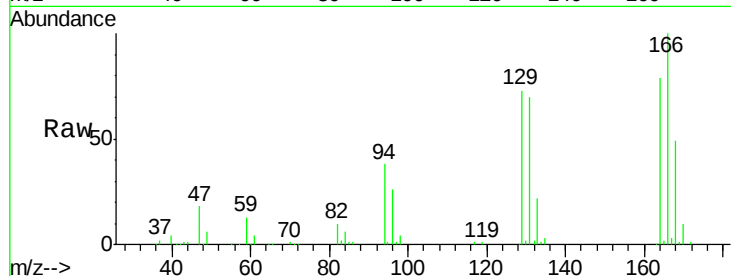
Ion 96.00 (95.70 to 96.70): VU0





#46
 Tetrachloroethene
 Concen: 19.995 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
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Tot Ion:	164	Resp:	71589
Ion Ratio	Lower	Upper	
164	100		
129	92.7	61.0	113.2
131	88.6	60.5	112.3
166	126.7	88.3	163.9

Manual Integrations
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