

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029931.D
 Acq On : 09 Mar 2019 19:34
 Operator : JC/SP
 Sample : K1838-04
 Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1J2

Manual Integrations
 APPROVED

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 3/11/2019 10:54:43 AM

Quant Time: Mar 11 04:47:13 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	575946	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	569531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	291325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146943	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.64	69	58722m	19.88	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.76%#
11) 1,1-Dichloroethene-d2	2.22	63	207324m	31.30	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.60%
21) 2-Butanone-d5	4.20	46	228172	83.81	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.81%
24) Chloroform-d	4.64	84	268361	39.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	5.30	65	166175	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.94%
32) Benzene-d6	5.33	84	597777	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
36) 1,2-Dichloropropane-d6	6.32	67	179729	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.86%
41) Toluene-d8	7.56	98	551886	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.85	79	82160	39.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.20%
47) 2-Hexanone-d5	8.33	63	204438	88.63	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292154	43.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	238913	41.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.62%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	66811	11.492 ug/L	99
6) Bromomethane	1.60	94	3482	2.916 ug/L	89
46) Tetrachloroethene	8.22	164	3874	1.097 ug/L	98

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

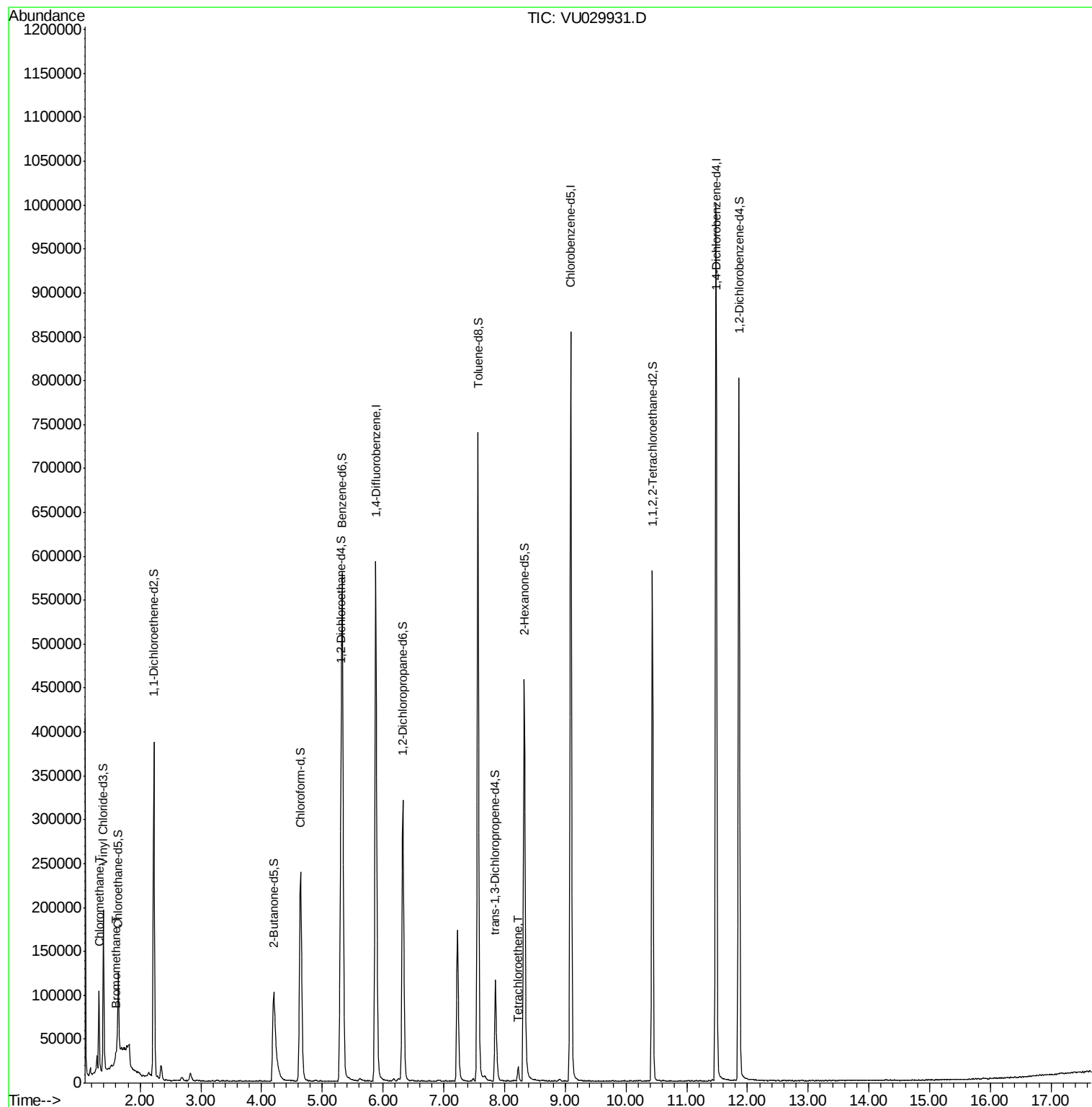
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031119\
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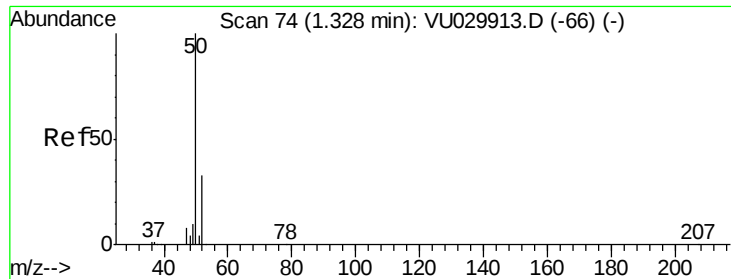
Instrument :
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Response via : Initial Calibration





#3

Chloromethane

Concen: 11.492 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029931.D

Acq: 09 Mar 2019 19:34

Instrument :

MSVOA_U

ClientSampleId :

BF1J2

Tot Ion: 50 Resp: 66811

Ion Ratio Lower Upper

50 100

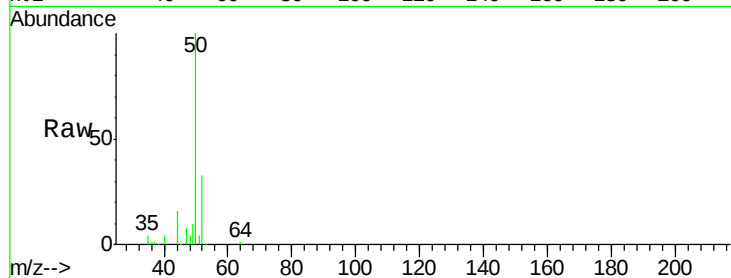
52 32.7 23.1 42.9

Manual Integrations

APPROVED

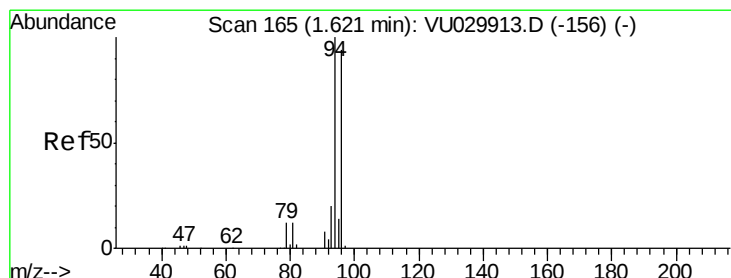
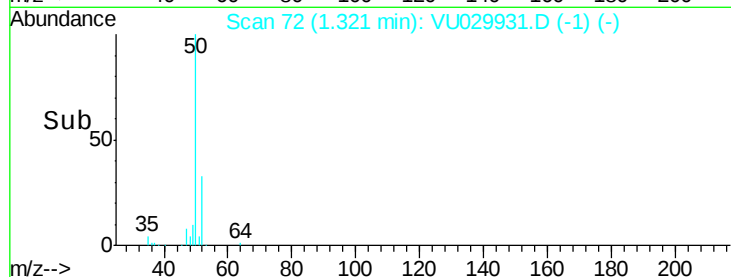
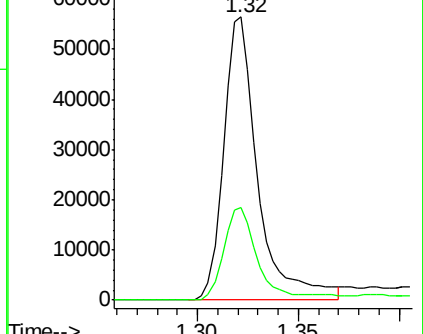
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.916 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029931.D

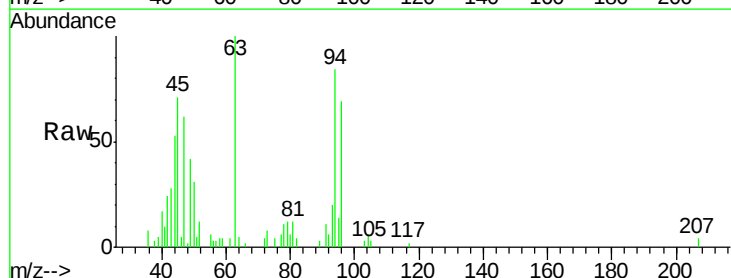
Acq: 09 Mar 2019 19:34

Tgt Ion: 94 Resp: 3482

Ion Ratio Lower Upper

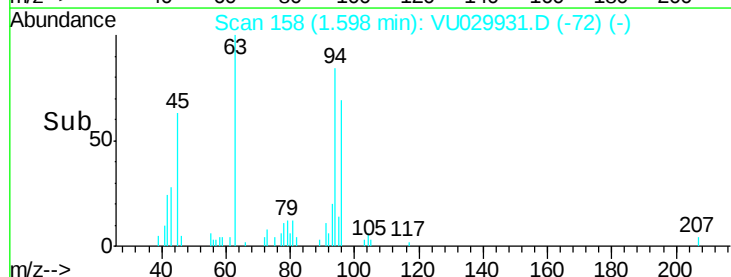
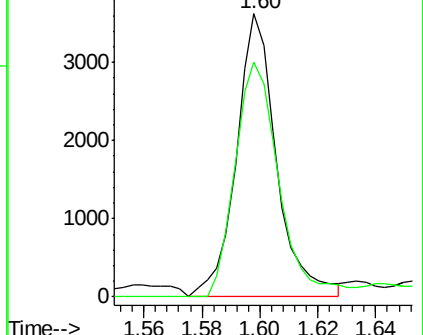
94 100

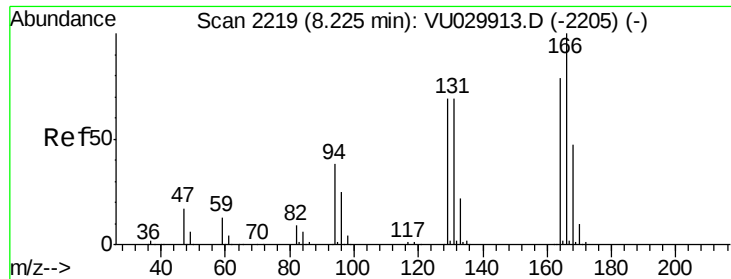
96 83.1 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46
Tetrachloroethene
Concen: 1.097 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
164	100		
129	84.8	61.0	113.2
131	87.8	60.5	112.3
166	125.0	88.3	163.9

Manual Integrations
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