

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029945.D
 Acq On : 10 Mar 2019 13:42
 Operator : JC/SP
 Sample : K1838-03
 Misc : 5.47g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0S4

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:47:38 AM

Quant Time: Mar 11 07:45:48 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	582724	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	575099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	291239	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	167875	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.44%
7) Chloroethane-d5	1.64	69	68180m	22.81	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.62%#
11) 1,1-Dichloroethene-d2	2.22	63	244380m	36.47	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.94%
21) 2-Butanone-d5	4.20	46	284078	103.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.13%
24) Chloroform-d	4.64	84	326925	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.30	65	199377	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.33	84	715101	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.32	67	214461	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.56	98	669012	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%
43) trans-1,3-Dichloropropene-	7.85	79	99536	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.32	63	250578	107.59	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	353773	51.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	278491	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	53184	9.042 ug/L	99
6) Bromomethane	1.60	94	3244	2.685 ug/L	99
46) Tetrachloroethene	8.22	164	503139	141.100 ug/L	97

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

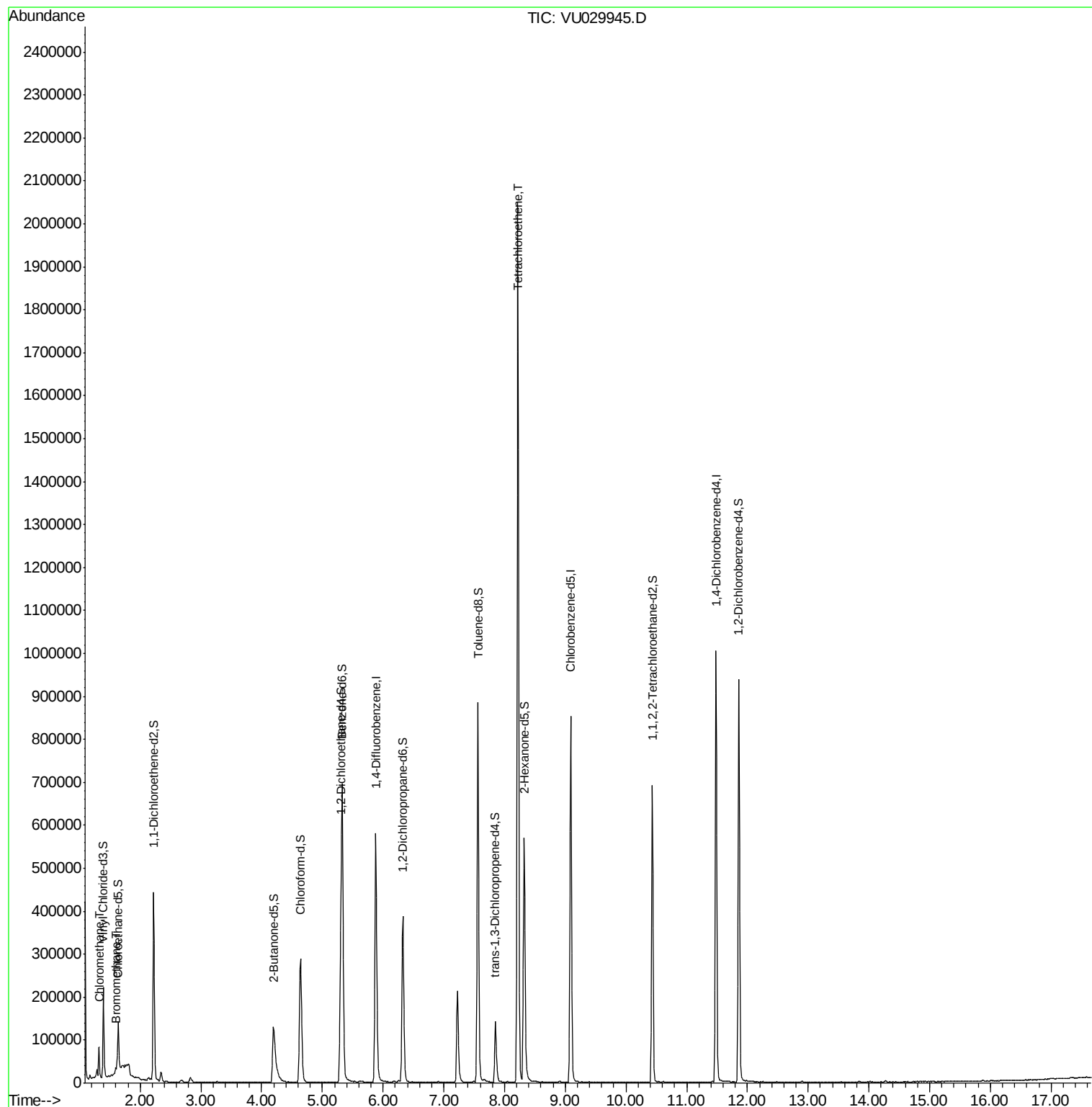
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031219\
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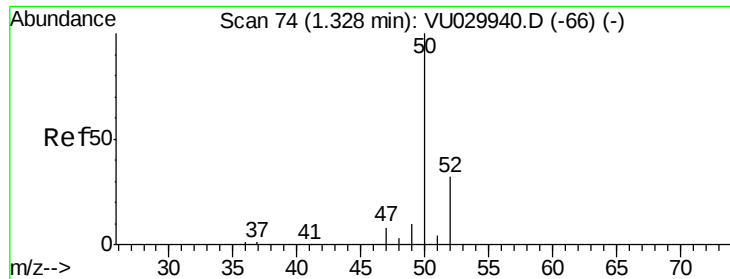
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Response via : Initial Calibration





#3

Chloromethane

Concen: 9.042 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029945.D

Acq: 10 Mar 2019 13:42

Instrument :

MSVOA_U

ClientSampled :

BF0S4

Tot Ion: 50 Resp: 53184

Ion Ratio Lower Upper

50 100

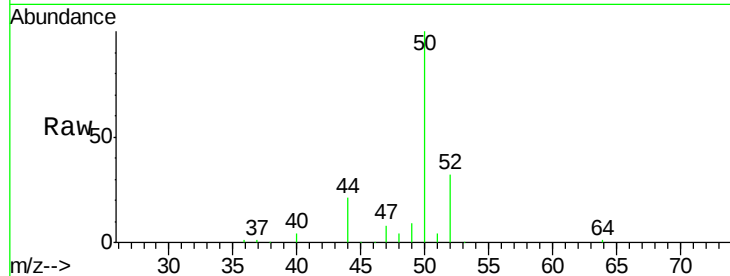
52 32.4 23.1 42.9

Manual Integrations

APPROVED

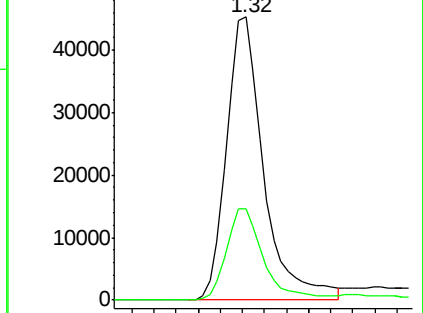
MMDadoda

3/11/2019 11:47:38 AM

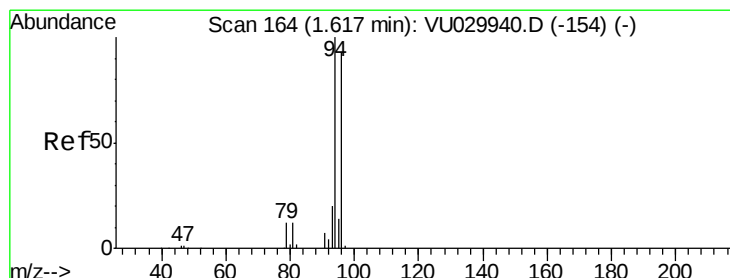
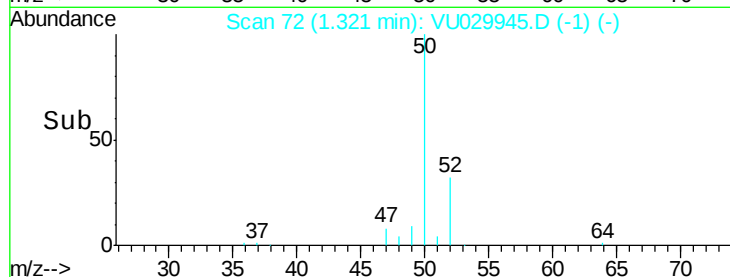


Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



Time-->



#6

Bromomethane

Concen: 2.685 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029945.D

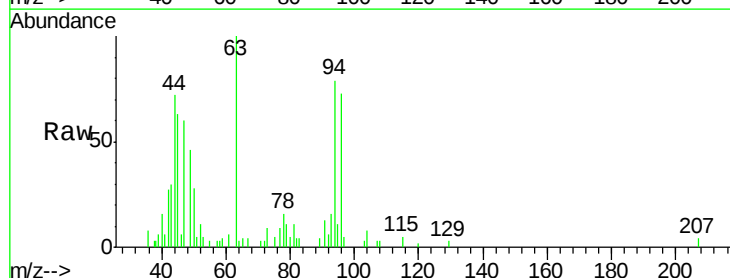
Acq: 10 Mar 2019 13:42

Tgt Ion: 94 Resp: 3244

Ion Ratio Lower Upper

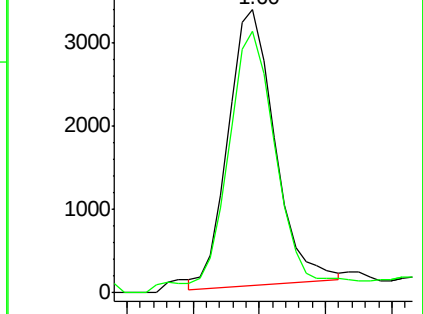
94 100

96 92.6 65.7 121.9

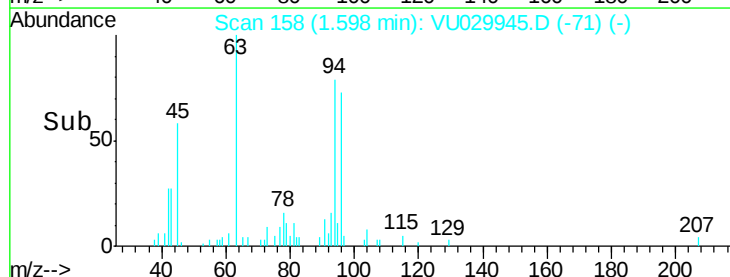


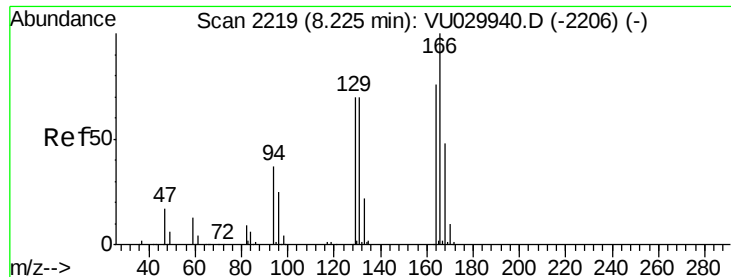
Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



Time-->





#46

Tetrachloroethene

Concen: 141.100 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029945.D

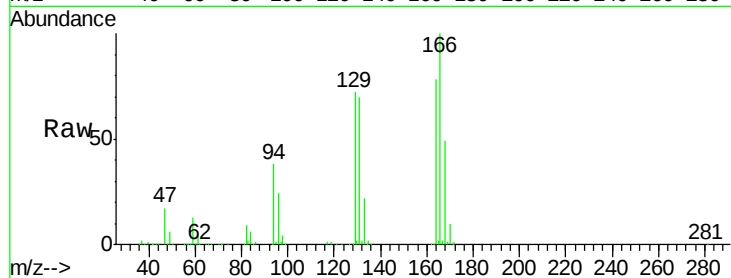
Acq: 10 Mar 2019 13:42

Instrument :

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ClientSampleId :

BF0S4



Tot Ion:164 Resp: 503139

Ion Ratio Lower Upper

164 100

129 91.7 61.0 113.2

131 89.2 60.5 112.3

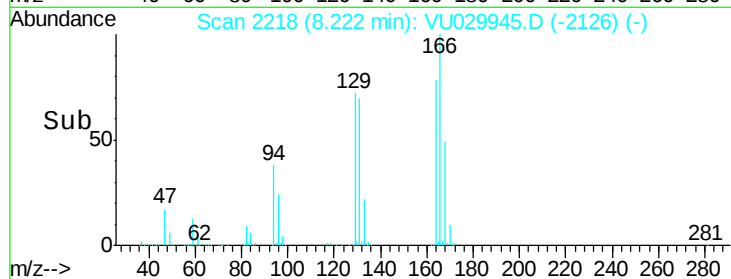
166 128.1 88.3 163.9

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

