

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029947.D
 Acq On : 10 Mar 2019 14:29
 Operator : JC/SP
 Sample : K1818-02ME
 Misc : 5.93g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q6ME

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:47:55 AM

Quant Time: Mar 11 07:53:02 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	603506	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	594452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	300916	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	196441	53.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.70%
7) Chloroethane-d5	1.64	69	77769m	25.12	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.24%#
11) 1,1-Dichloroethene-d2	2.23	63	279653	40.29	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.58%
21) 2-Butanone-d5	4.19	46	331013	116.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.03%
24) Chloroform-d	4.64	84	376719	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
26) 1,2-Dichloroethane-d4	5.30	65	233688	55.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.32%
32) Benzene-d6	5.33	84	841454	56.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.32	67	251340	56.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.34%
41) Toluene-d8	7.56	98	781141	54.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.90%
43) trans-1,3-Dichloropropene-	7.85	79	115523	53.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.70%
47) 2-Hexanone-d5	8.32	63	298062	123.81	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	421335	59.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	330855	56.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.12%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	57488	9.437 ug/L	100
6) Bromomethane	1.60	94	2842	2.271 ug/L	83
46) Tetrachloroethene	8.22	164	61776	16.760 ug/L	96

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

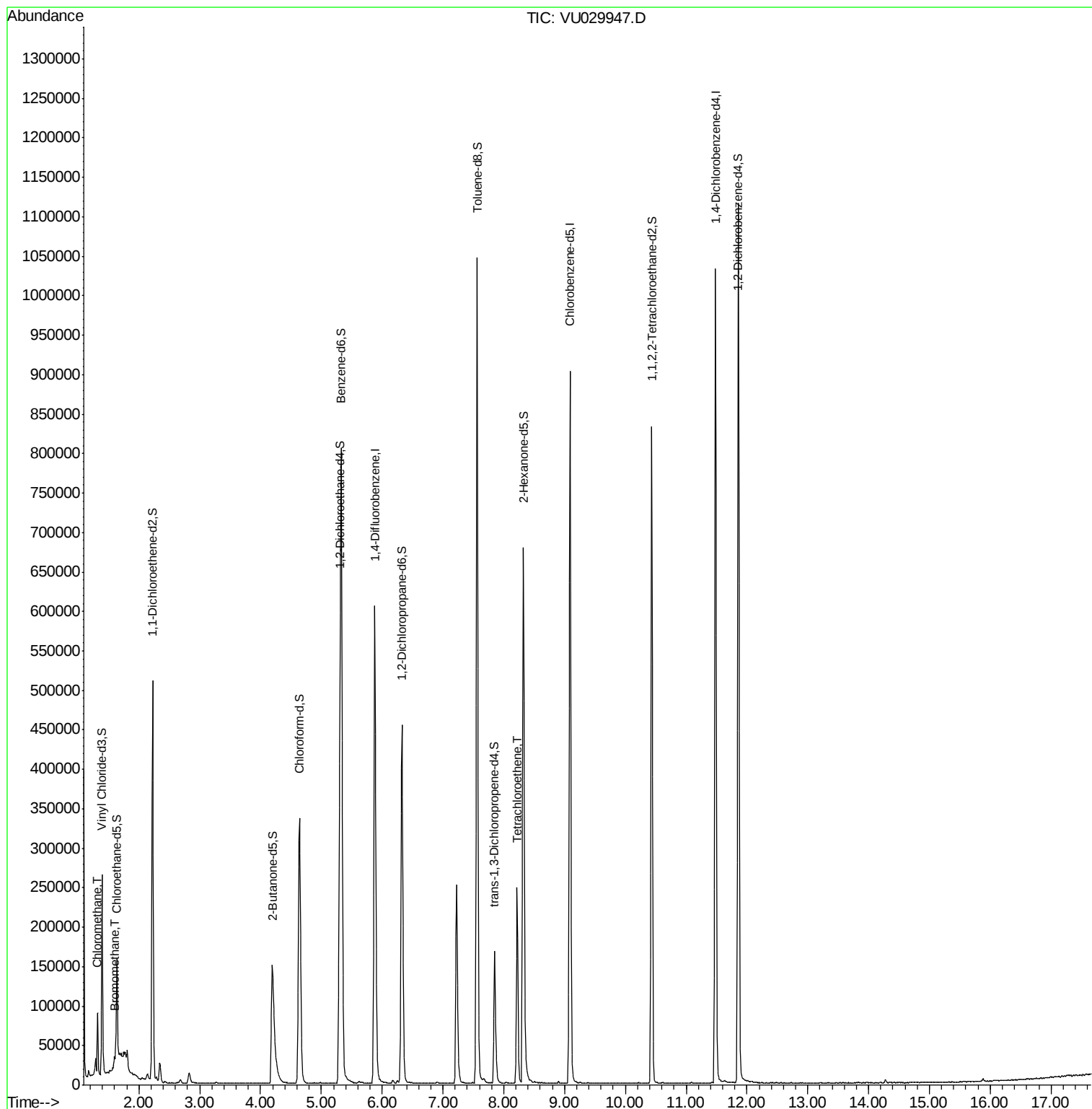
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031219\
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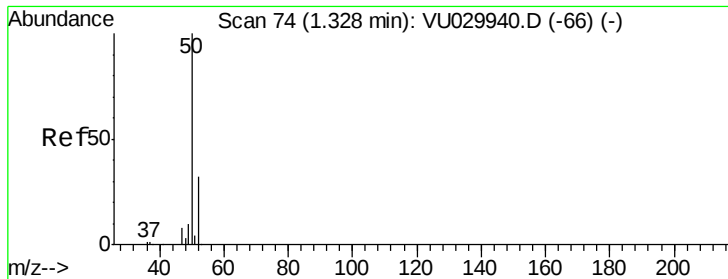
Instrument :
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Response via : Initial Calibration





#3

Chloromethane

Concen: 9.437 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029947.D

Acq: 10 Mar 2019 14:29

Instrument :

MSVOA_U

ClientSampleId :

BF0Q6ME

Tot Ion: 50 Resp: 57488

Ion Ratio Lower Upper

50 100

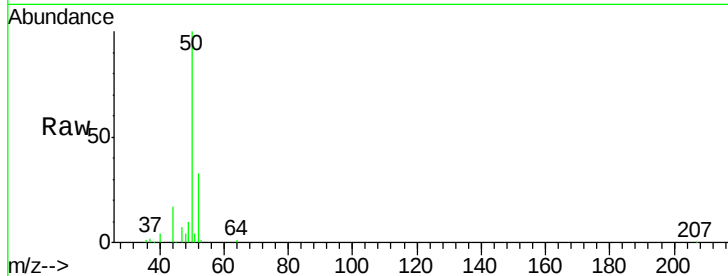
52 33.1 23.1 42.9

Manual Integrations

APPROVED

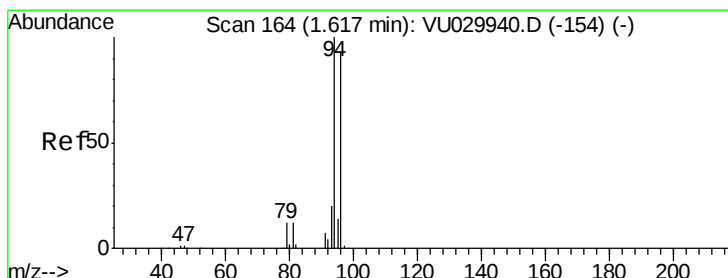
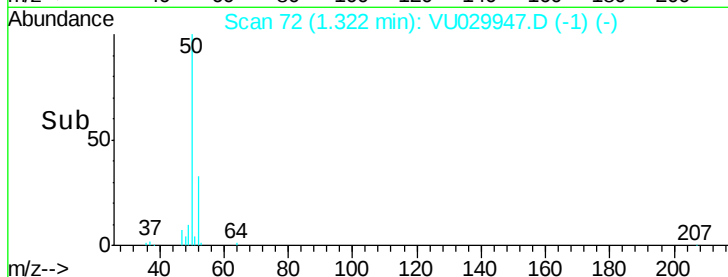
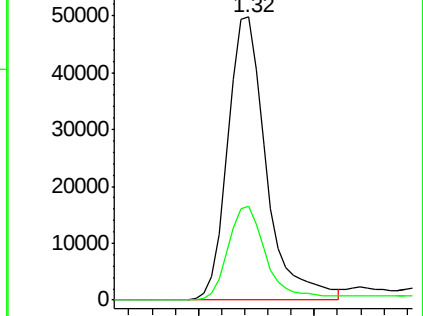
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3/11/2019 11:47:55 AM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.271 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029947.D

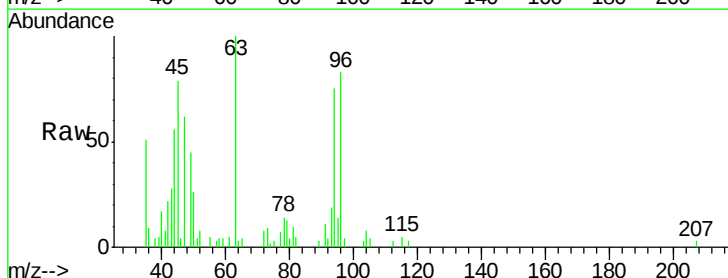
Acq: 10 Mar 2019 14:29

Tgt Ion: 94 Resp: 2842

Ion Ratio Lower Upper

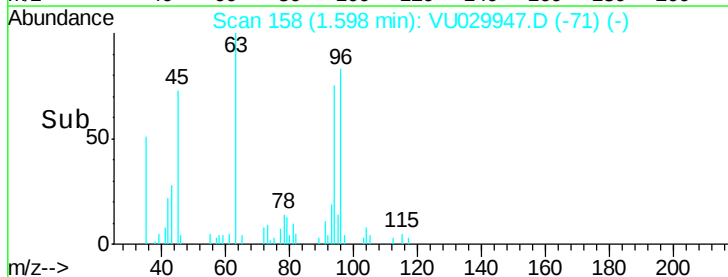
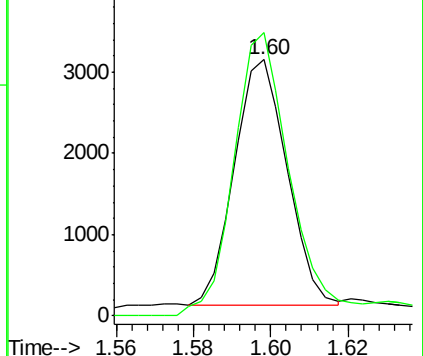
94 100

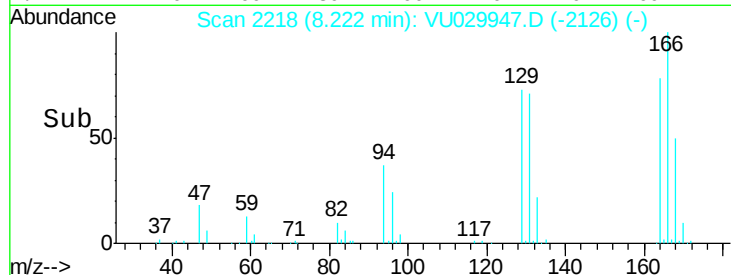
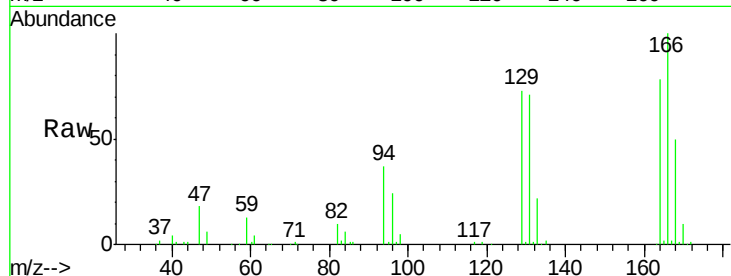
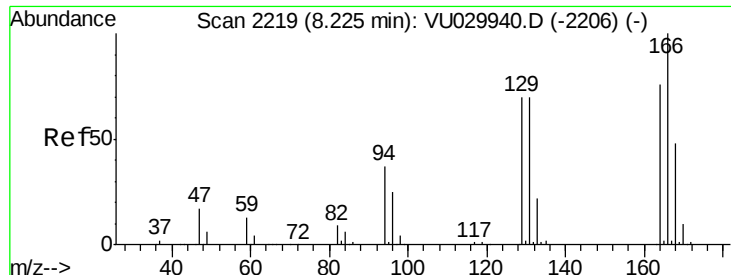
96 110.4 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46

Tetrachloroethene

Concen: 16.760 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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Tot Ion:	164	Resp:	61776
Ion Ratio	Lower	Upper	
164	100		
129	93.1	61.0	113.2
131	90.3	60.5	112.3
166	127.8	88.3	163.9

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