

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029957.D
 Acq On : 10 Mar 2019 18:21
 Operator : JC/SP
 Sample : K1818-04ME
 Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2K9ME

Manual Integrations
 APPROVED

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 3/11/2019 11:48:34 AM

Quant Time: Mar 11 08:54:45 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	598093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	586515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	297601	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143151	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.46%
7) Chloroethane-d5	1.64	69	58872m	19.19	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.38%#
11) 1,1-Dichloroethene-d2	2.23	63	208973	30.38	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.76%
21) 2-Butanone-d5	4.19	46	251874	89.09	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.09%
24) Chloroform-d	4.64	84	285604	40.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	5.30	65	178562	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
32) Benzene-d6	5.33	84	627660	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
36) 1,2-Dichloropropane-d6	6.32	67	192850	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.36%
41) Toluene-d8	7.56	98	588328	41.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.90%
43) trans-1,3-Dichloropropene-	7.85	79	87478	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
47) 2-Hexanone-d5	8.32	63	220098	92.66	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322669	46.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	252284	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	48129	7.972 ug/L	99
6) Bromomethane	1.60	94	3014	2.431 ug/L	93
46) Tetrachloroethene	8.22	164	47118	12.957 ug/L	95

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

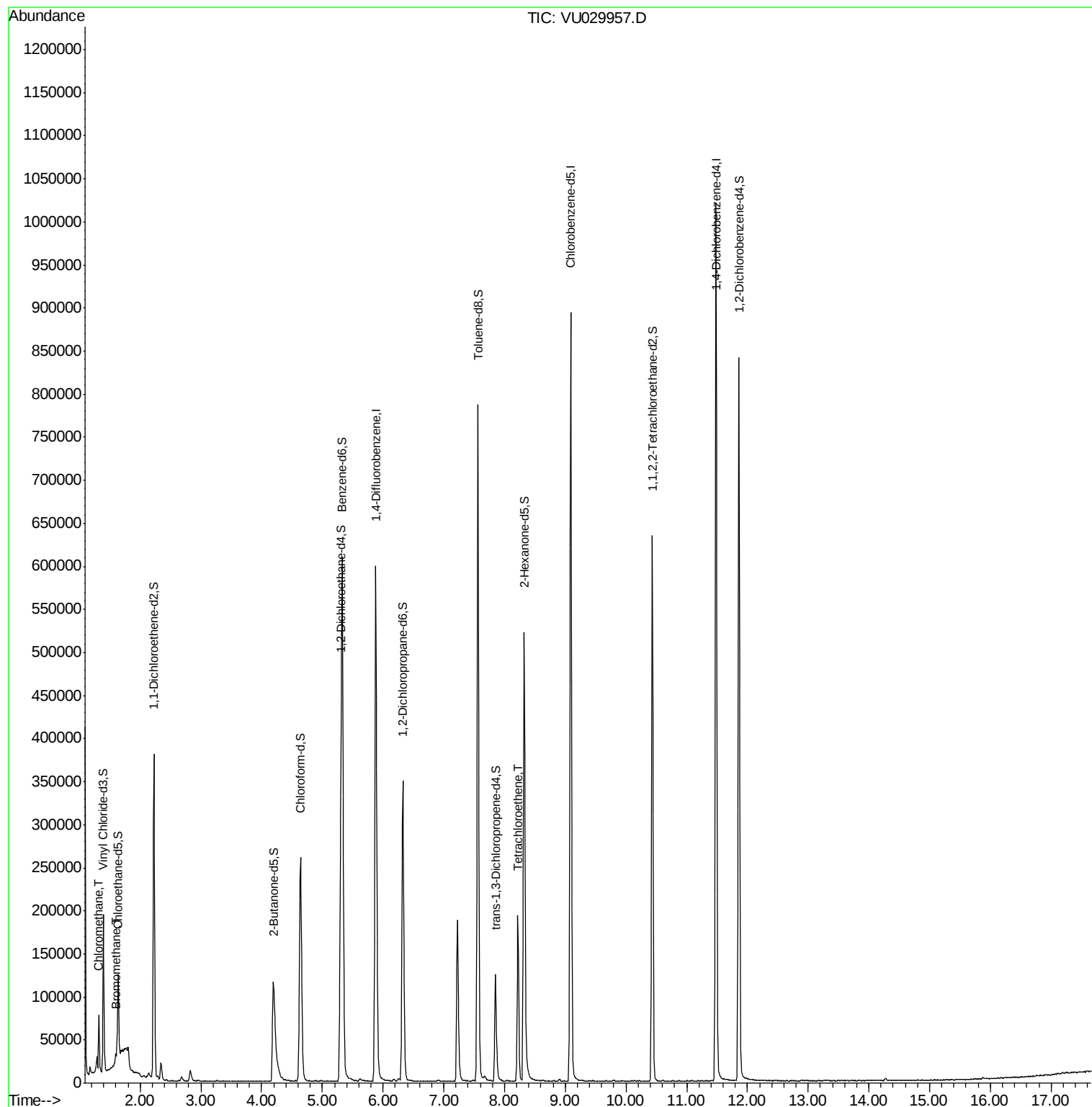
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031219\
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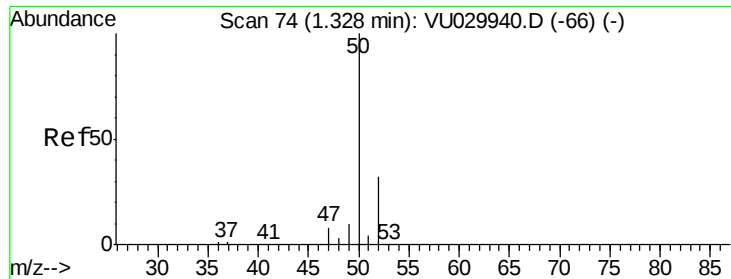
Instrument :
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#3

Chloromethane

Concen: 7.972 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029957.D

Acq: 10 Mar 2019 18:21

Instrument :

MSVOA_U

ClientSampleId :

BF2K9ME

Tot Ion: 50 Resp: 48129

Ion Ratio Lower Upper

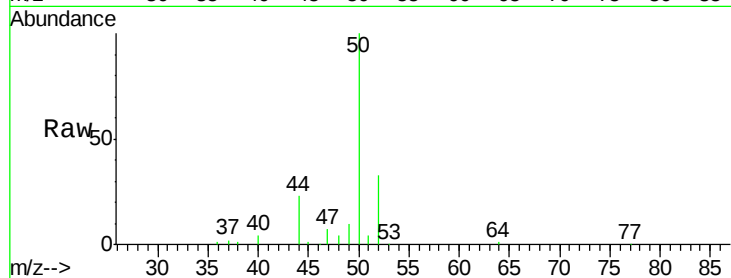
50 100

52 32.7 23.1 42.9

Manual Integrations
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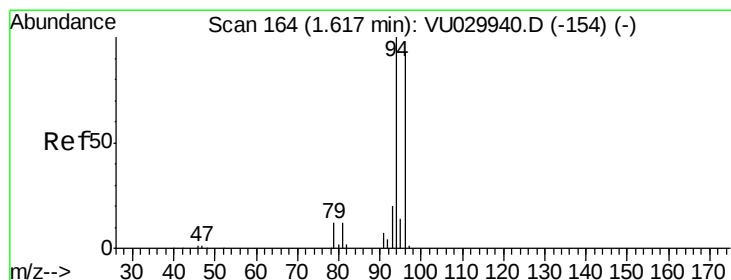
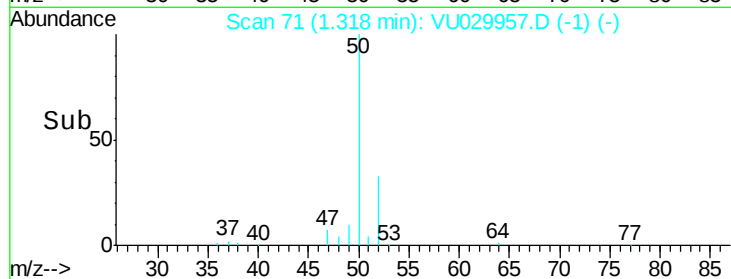
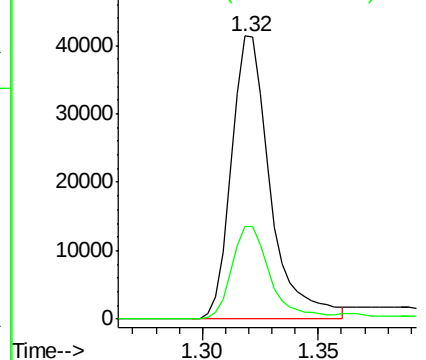
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.431 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029957.D

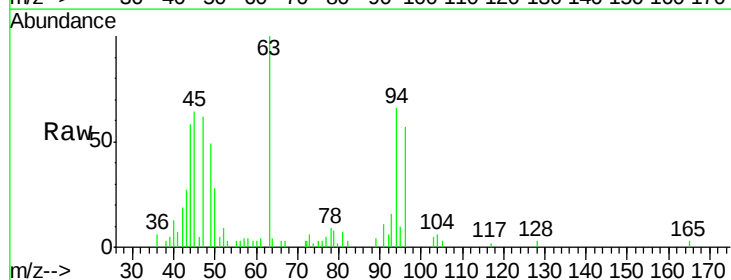
Acq: 10 Mar 2019 18:21

Tgt Ion: 94 Resp: 3014

Ion Ratio Lower Upper

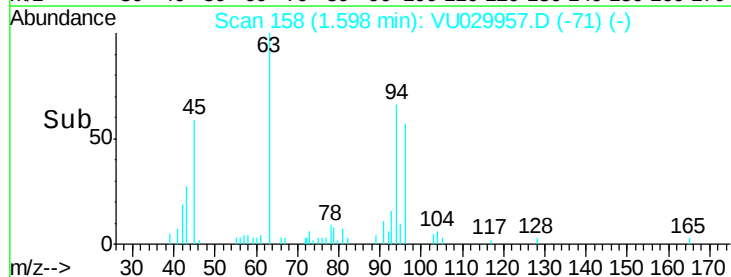
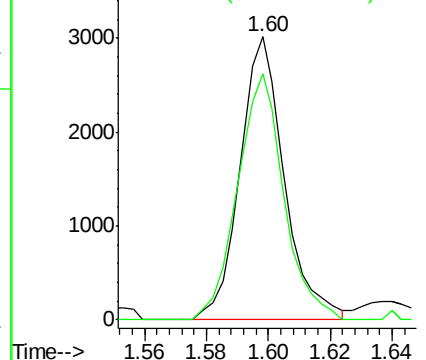
94 100

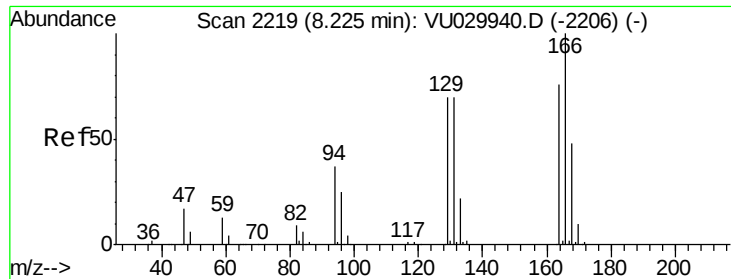
96 86.9 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46
Tetrachloroethene
Concen: 12.957 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029957.D
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Instrument :
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ClientSampleId :
BF2K9ME

Tot Ion:	164	Resp:	47118
Ion Ratio	Lower	Upper	
164	100		
129	92.9	61.0	113.2
131	88.9	60.5	112.3
166	133.9	88.3	163.9

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