

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029927.D
 Acq On : 09 Mar 2019 18:02
 Operator : JC/SP
 Sample : K1789-21
 Misc : 5.70µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q4

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 10:54:30 AM

Quant Time: Mar 11 03:57:51 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	567119	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	568560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	303435	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146233	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.52%
7) Chloroethane-d5	1.64	69	58929m	20.26	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.52%#
11) 1,1-Dichloroethene-d2	2.23	63	201542m	30.90	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.80%
21) 2-Butanone-d5	4.19	46	223013	83.19	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.19%
24) Chloroform-d	4.64	84	263175	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	5.30	65	161585	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.90%
32) Benzene-d6	5.33	84	576364	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
36) 1,2-Dichloropropane-d6	6.32	67	172599	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.66%
41) Toluene-d8	7.56	98	542060	39.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.74%#
43) trans-1,3-Dichloropropene-	7.85	79	81158	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.38%
47) 2-Hexanone-d5	8.32	63	211640	91.91	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299741	44.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	243591	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	56559	9.880 ug/L	100
6) Bromomethane	1.60	94	3060m	2.603 ug/L	
46) Tetrachloroethene	8.22	164	61923	17.565 ug/L	95

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

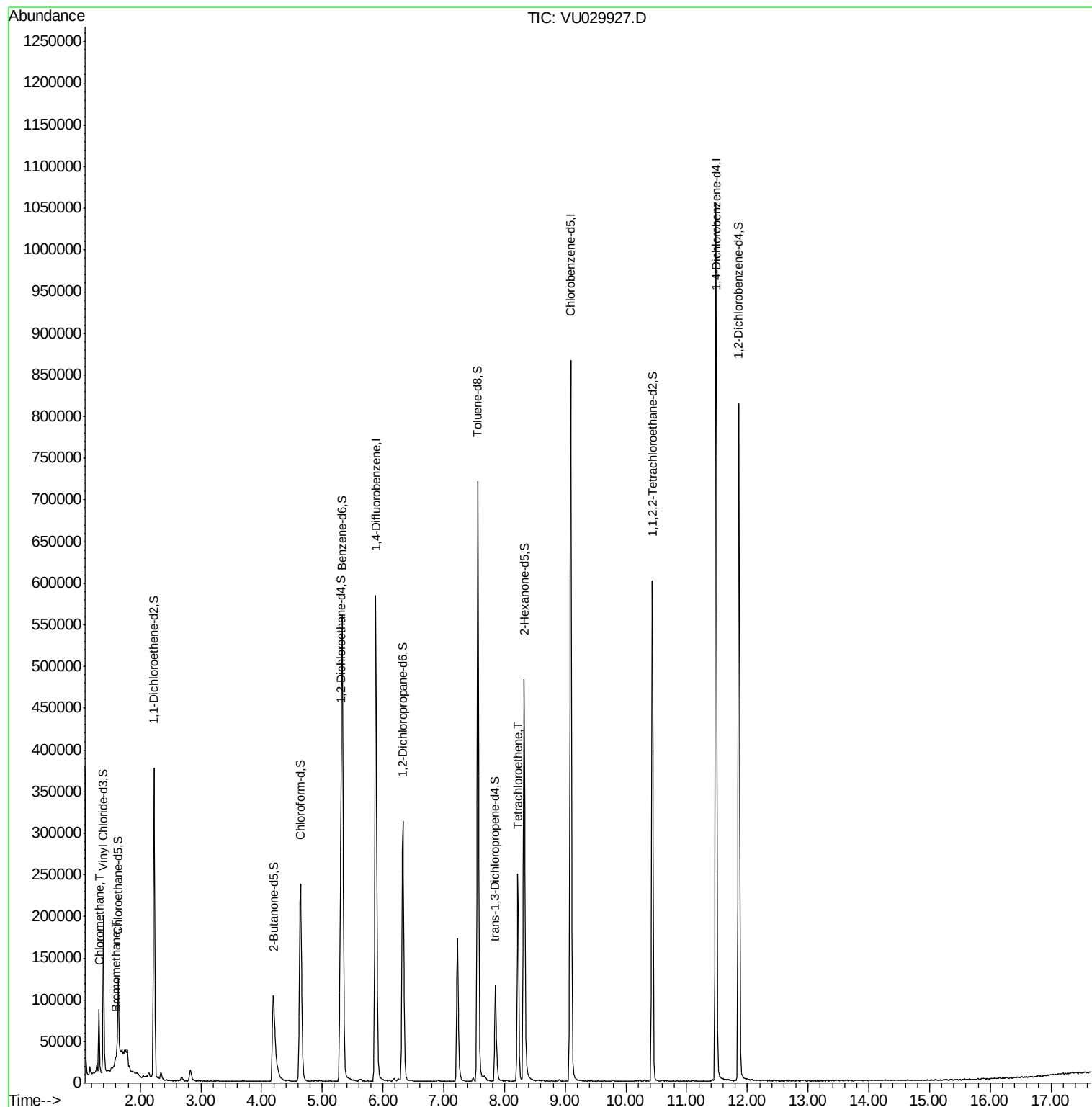
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031119\
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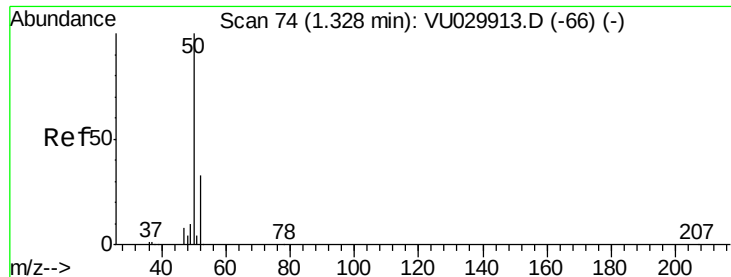
Instrument :
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Response via : Initial Calibration





#3

Chloromethane

Concen: 9.880 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029927.D

Acq: 09 Mar 2019 18:02

Instrument :

MSVOA_U

ClientSampled :

BF0Q4

Tot Ion: 50 Resp: 56559

Ion Ratio Lower Upper

50 100

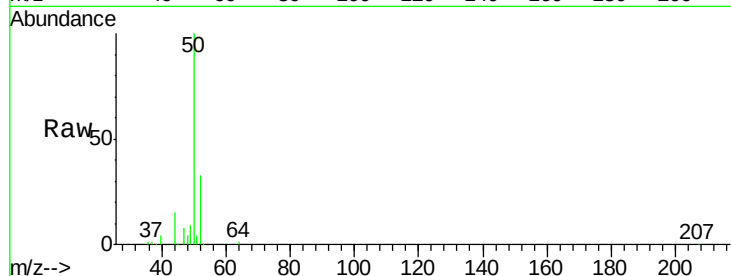
52 33.1 23.1 42.9

Manual Integrations

APPROVED

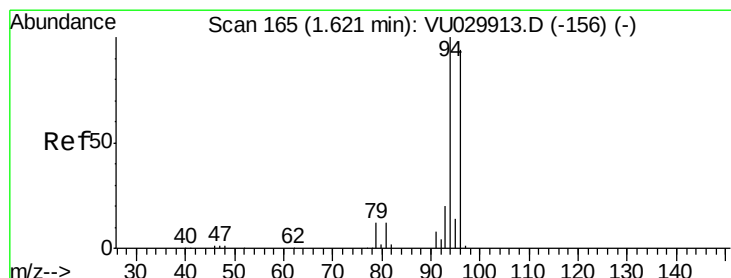
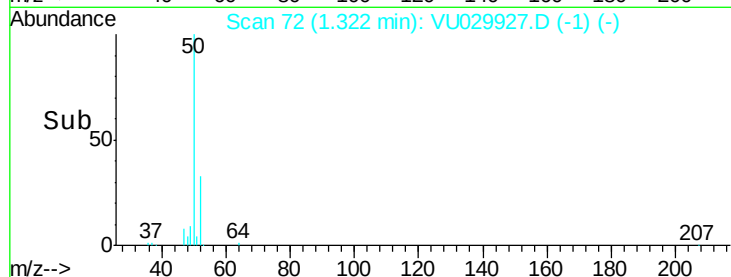
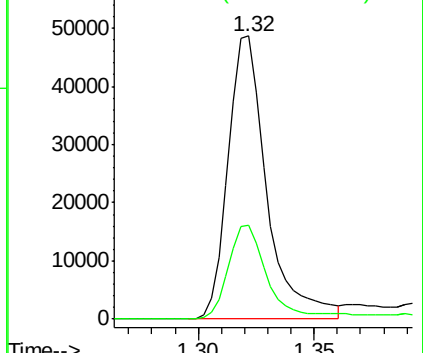
MMDadoda

3/11/2019 10:54:30 AM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.603 ug/L m

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029927.D

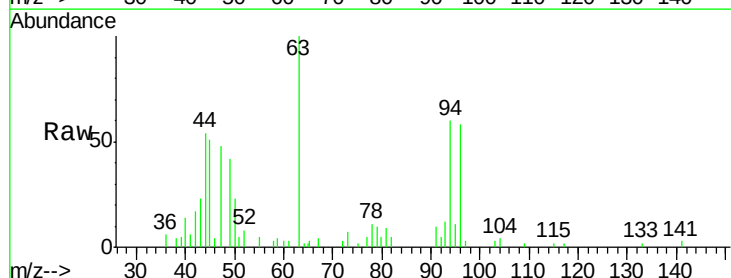
Acq: 09 Mar 2019 18:02

Tgt Ion: 94 Resp: 3060

Ion Ratio Lower Upper

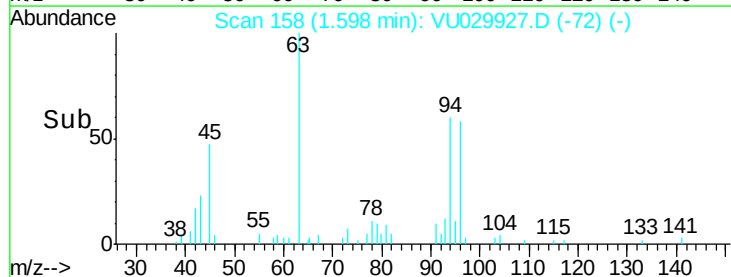
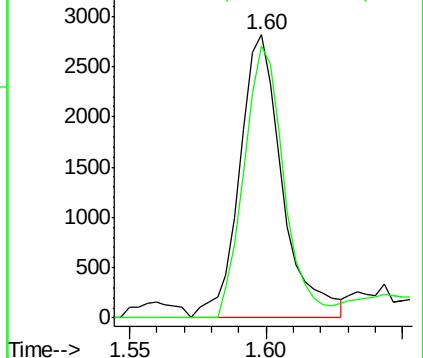
94 100

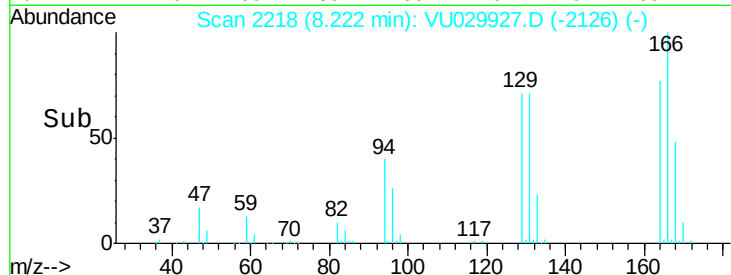
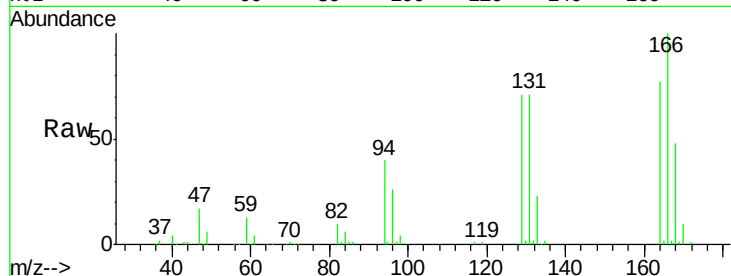
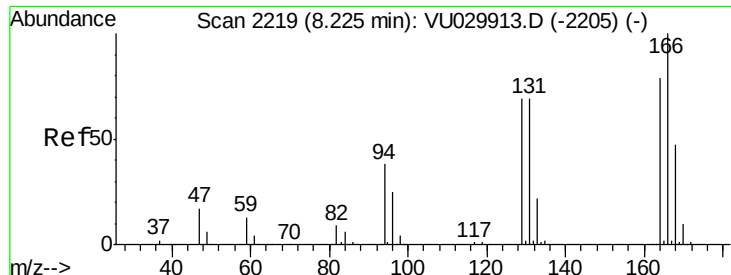
96 96.2 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46

Tetrachloroethene

Concen: 17.565 ug/L

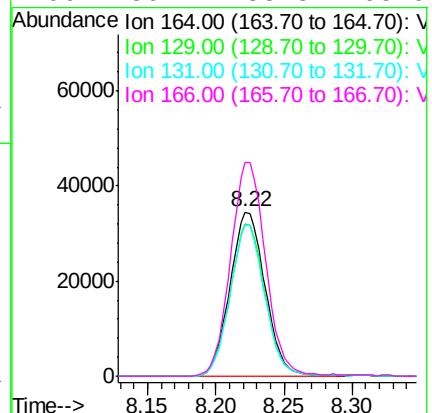
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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Tot Ion:	164	Resp:	61923
Ion Ratio	Lower	Upper	
164	100		
129	93.0	61.0	113.2
131	92.1	60.5	112.3
166	130.2	88.3	163.9



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