

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029926.D
 Acq On : 09 Mar 2019 17:38
 Operator : JC/SP
 Sample : K1789-20
 Misc : 5.67g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q3

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 10:54:25 AM

Quant Time: Mar 11 03:54:40 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	1142574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1160574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	625627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	236801	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.94%
7) Chloroethane-d5	1.64	69	102297	17.46	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.92%#
11) 1,1-Dichloroethene-d2	2.23	63	328884	25.03	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.06%#
21) 2-Butanone-d5	4.19	46	366212	67.80	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.80%
24) Chloroform-d	4.64	84	427241	31.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.98%#
26) 1,2-Dichloroethane-d4	5.30	65	266150	33.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.96%#
32) Benzene-d6	5.33	84	937208	32.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.82%#
36) 1,2-Dichloropropane-d6	6.32	67	284702	32.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	65.18%#
41) Toluene-d8	7.56	98	897863	32.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.70%#
43) trans-1,3-Dichloropropene-	7.85	79	133839	31.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.32%
47) 2-Hexanone-d5	8.32	63	357196	76.00	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	497535	36.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	411705	33.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.10%#

Target Compounds					Ovalue
3) Chloromethane	1.32	50	58156	5.042 ug/L	99
6) Bromomethane	1.60	94	2870m	1.212 ug/L	
46) Tetrachloroethene	8.22	164	381950	53.078 ug/L	99

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

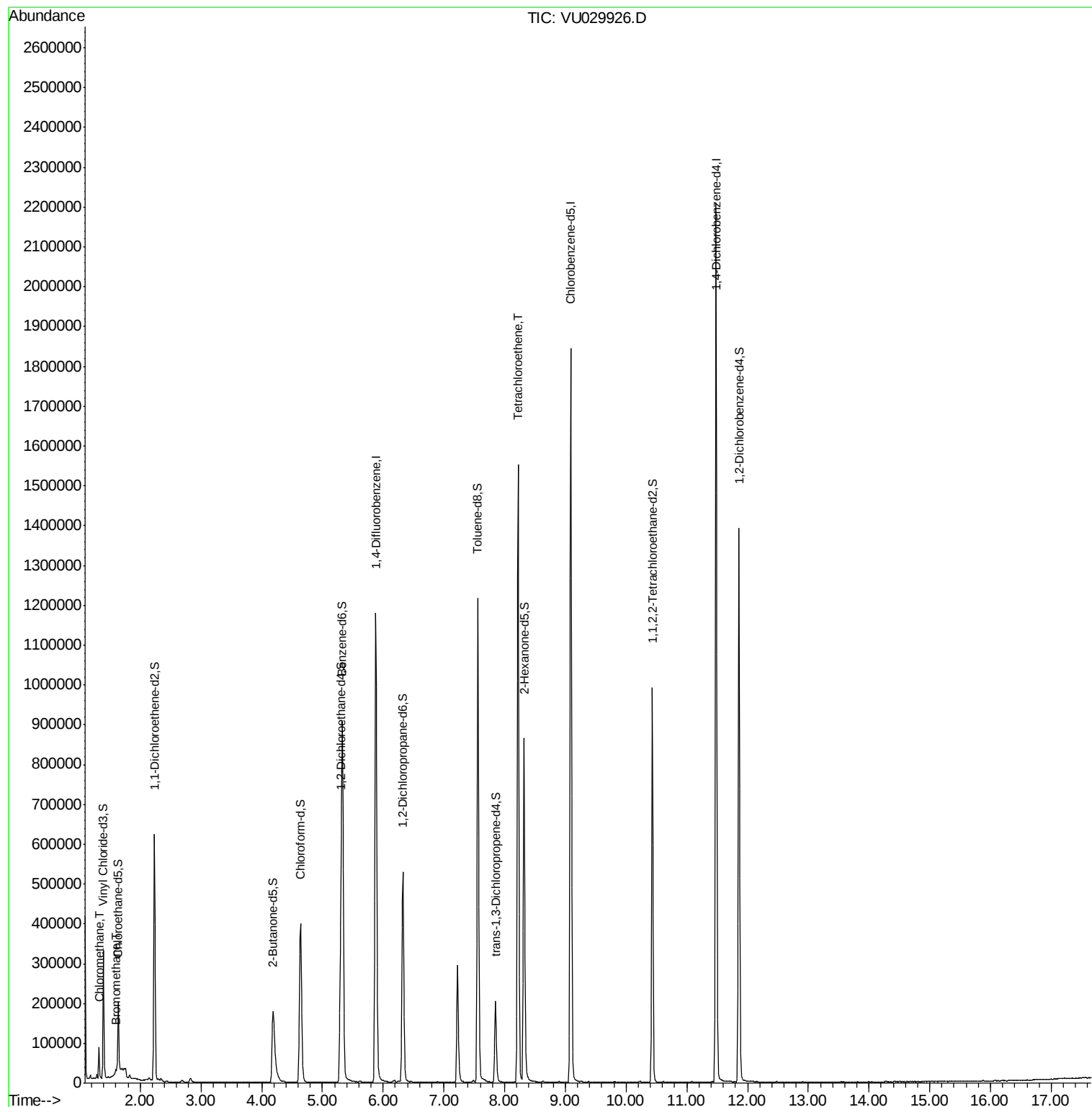
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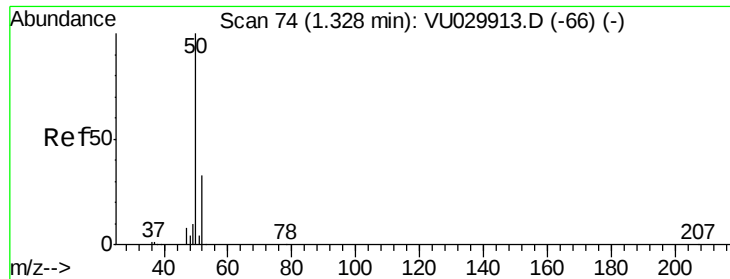
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#3

Chloromethane

Concen: 5.042 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029926.D

Acq: 09 Mar 2019 17:38

Instrument :

MSVOA_U

ClientSampled :

BF0Q3

Tot Ion: 50 Resp: 58156

Ion Ratio Lower Upper

50 100

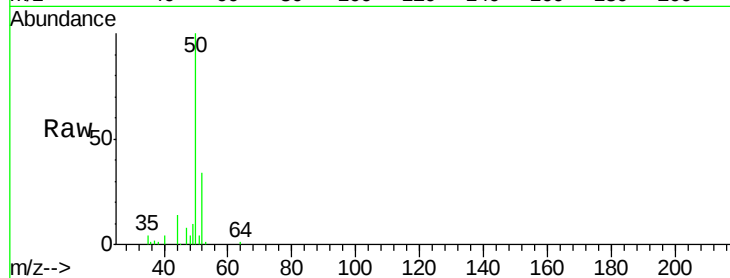
52 33.5 23.1 42.9

Manual Integrations

APPROVED

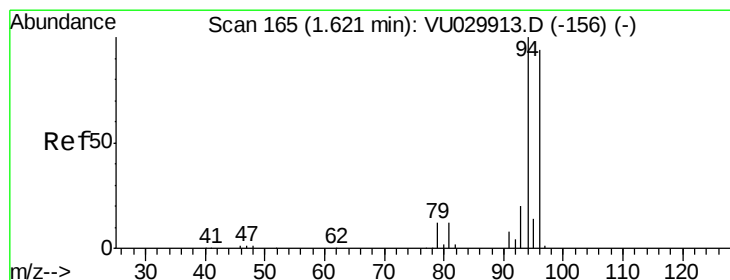
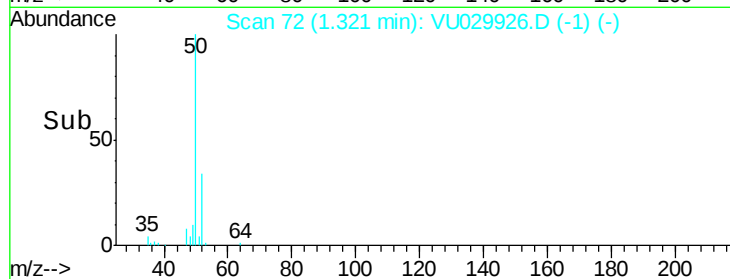
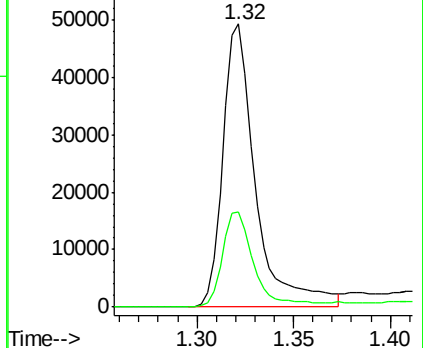
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 1.212 ug/L m

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029926.D

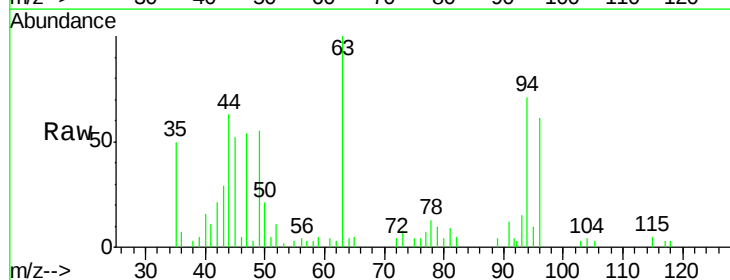
Acq: 09 Mar 2019 17:38

Tgt Ion: 94 Resp: 2870

Ion Ratio Lower Upper

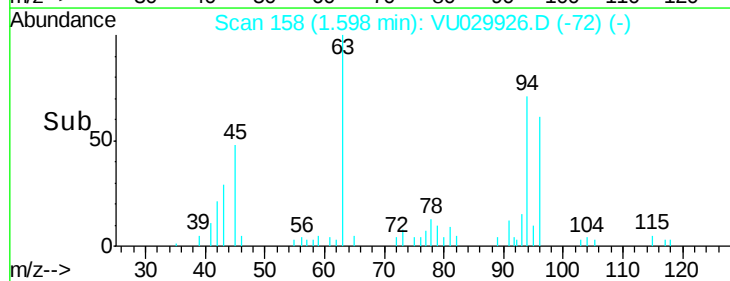
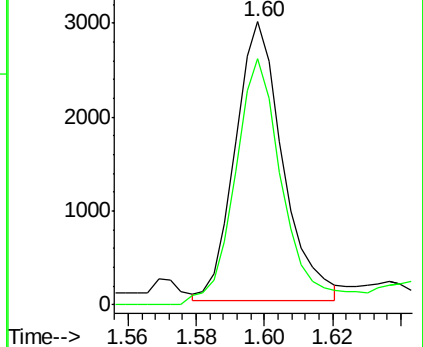
94 100

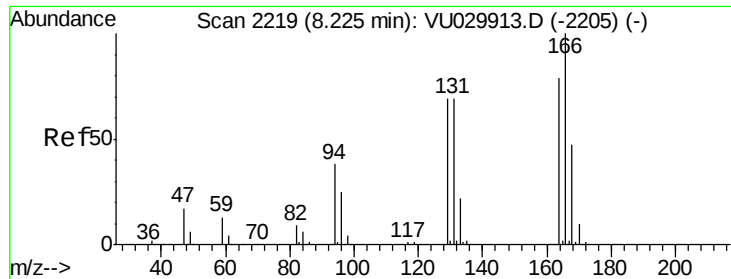
96 86.9 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46
Tetrachloroethene
Concen: 53.078 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
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Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	88.3	61.0	113.2
131	87.6	60.5	112.3
166	126.4	88.3	163.9

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