

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029952.D
 Acq On : 10 Mar 2019 16:25
 Operator : JC/SP
 Sample : K1818-16
 Misc : 5.56g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0R6

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:48:24 AM

Quant Time: Mar 11 08:11:32 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	602004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	593750	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147607	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.38%
7) Chloroethane-d5	1.64	69	59341m	19.22	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.44%#
11) 1,1-Dichloroethene-d2	2.23	63	216690	31.30	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.60%
21) 2-Butanone-d5	4.20	46	255515	89.79	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.79%
24) Chloroform-d	4.64	84	288745	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.78%
26) 1,2-Dichloroethane-d4	5.30	65	176870	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
32) Benzene-d6	5.33	84	634353	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.32	67	193653	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.66%
41) Toluene-d8	7.56	98	597103	42.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.12%
43) trans-1,3-Dichloropropene-	7.85	79	88886	41.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.20%
47) 2-Hexanone-d5	8.32	63	223440	92.92	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318618	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	251636	43.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	52176	8.586 ug/L	99
6) Bromomethane	1.59	94	2939	2.355 ug/L	78
46) Tetrachloroethene	8.22	164	38144	10.361 ug/L	94

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

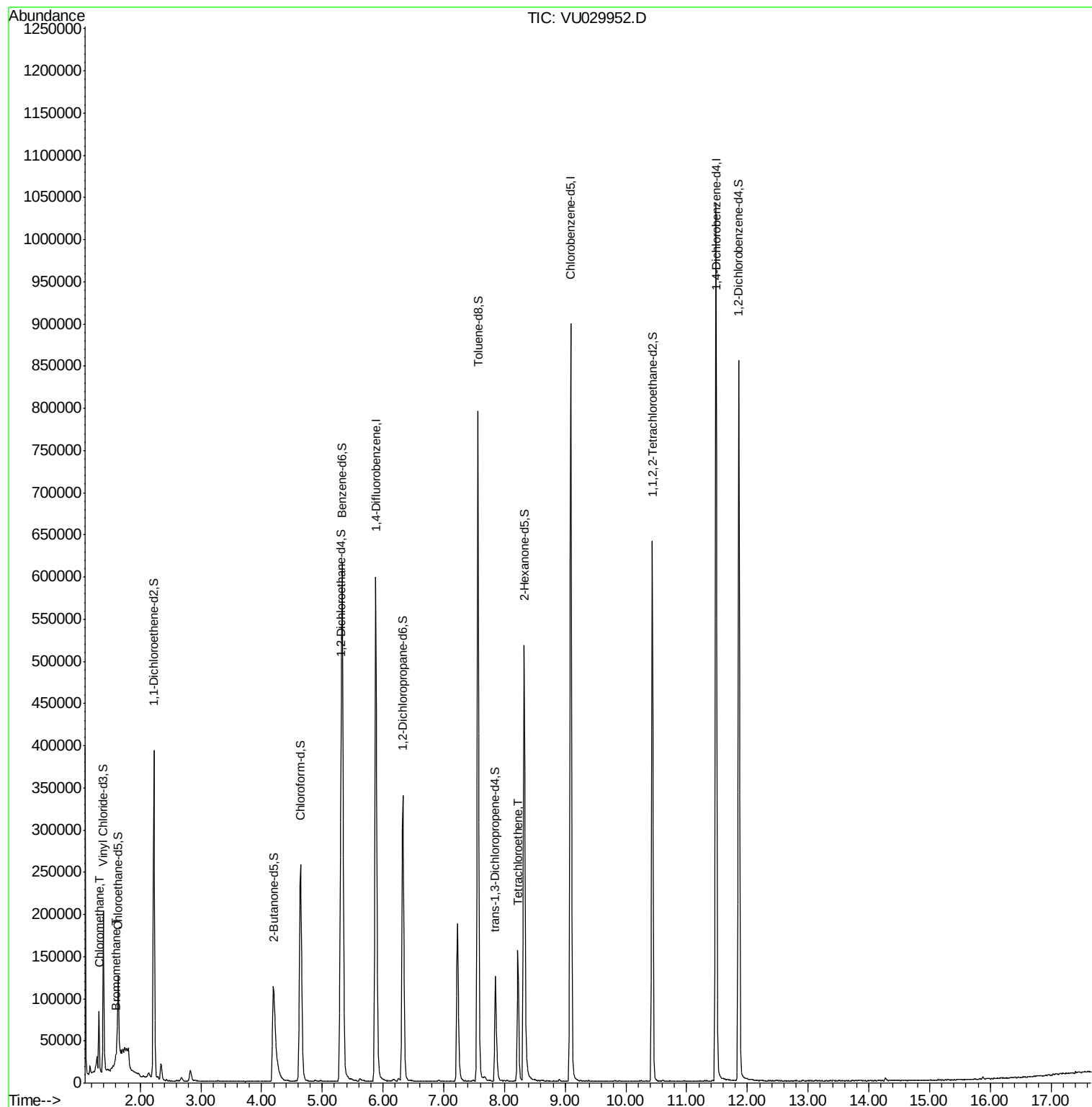
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031219\
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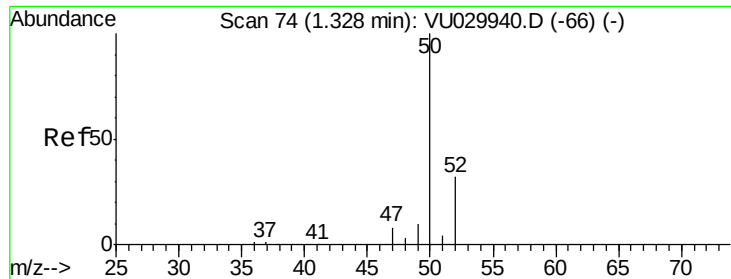
Instrument :
MSVOA_U
ClientSampleId :
BF0R6

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#3

Chloromethane

Concen: 8.586 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029952.D

Acq: 10 Mar 2019 16:25

Instrument :

MSVOA_U

ClientSampled :

BF0R6

Tot Ion: 50 Resp: 52176

Ion Ratio Lower Upper

50 100

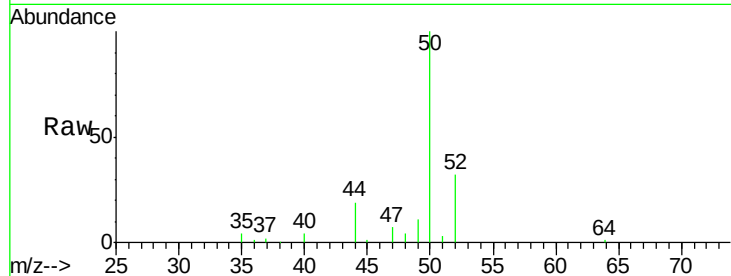
52 32.3 23.1 42.9

Manual Integrations

APPROVED

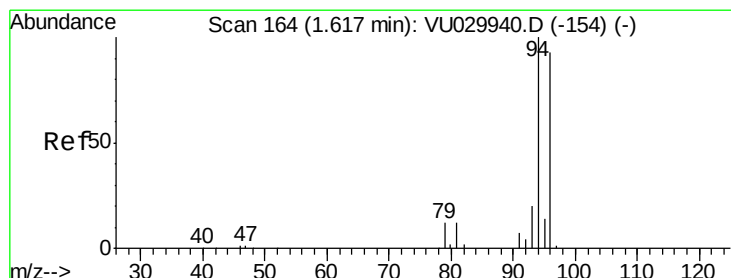
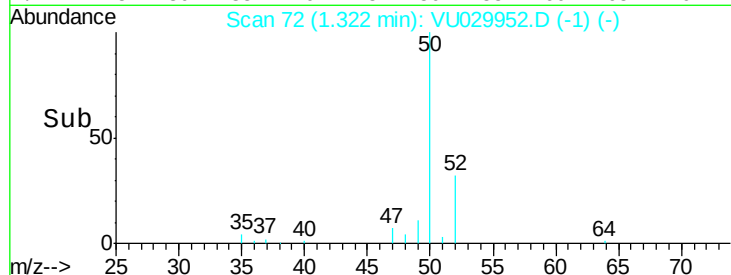
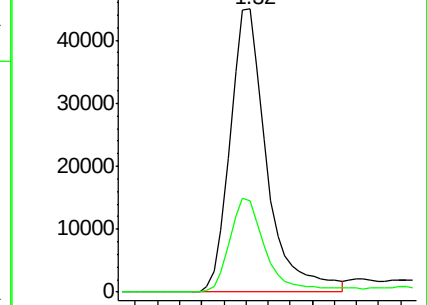
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3/11/2019 11:48:24 AM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.355 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU029952.D

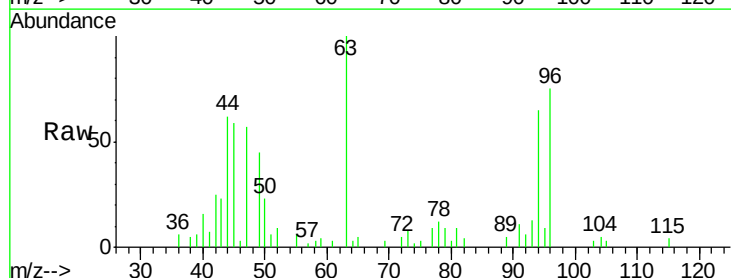
Acq: 10 Mar 2019 16:25

Tgt Ion: 94 Resp: 2939

Ion Ratio Lower Upper

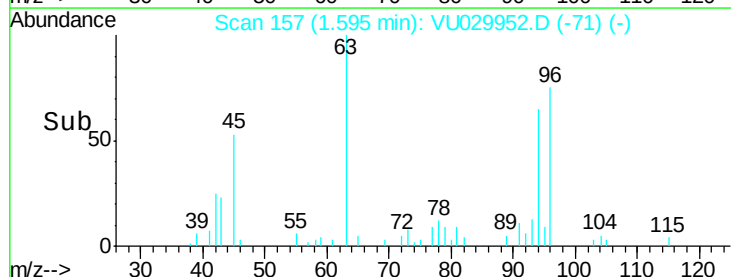
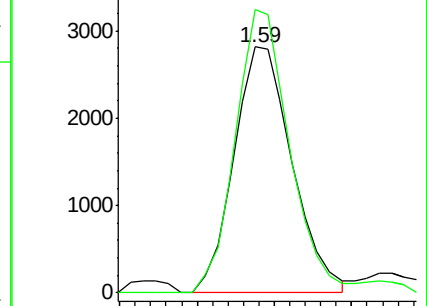
94 100

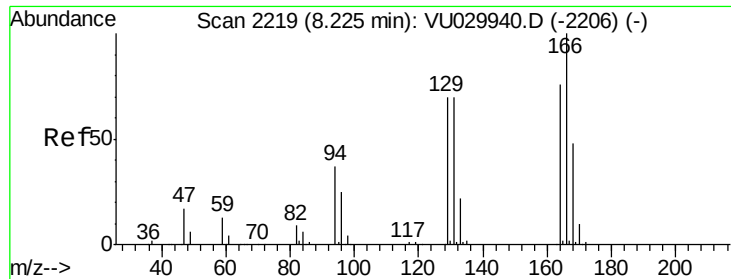
96 115.1 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





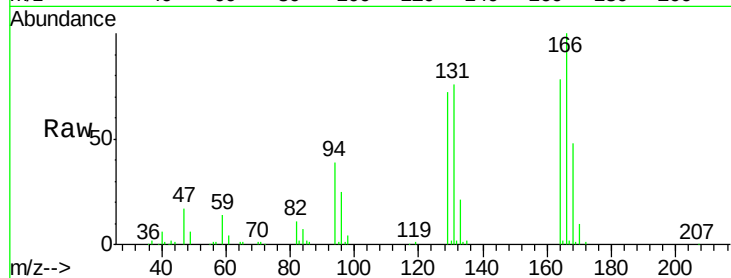
#46
Tetrachloroethene
Concen: 10.361 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029952.D
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Instrument :
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BF0R6

Tot Ion:	164	Resp:	38144
Ion Ratio	Lower	Upper	
164	100		
129	92.6	61.0	113.2
131	97.4	60.5	112.3
166	128.4	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

