

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029942.D
 Acq On : 10 Mar 2019 12:32
 Operator : JC/SP
 Sample : K1789-02ME
 Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0N8ME

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:46:31 AM

Quant Time: Mar 11 07:38:23 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	573997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	572266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	286573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147136	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.64	69	61390m	20.85	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.70%#
11) 1,1-Dichloroethene-d2	2.23	63	209086	31.67	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.34%
21) 2-Butanone-d5	4.20	46	239196	88.16	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.16%
24) Chloroform-d	4.64	84	277631	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.30	65	172189	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.24%
32) Benzene-d6	5.33	84	613829	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
36) 1,2-Dichloropropane-d6	6.32	67	187214	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.92%
41) Toluene-d8	7.56	98	571379	41.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.52%
43) trans-1,3-Dichloropropene-	7.85	79	86827	41.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.30%
47) 2-Hexanone-d5	8.32	63	211082	91.08	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311109	45.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	246026	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	73832	12.743 ug/L	98
6) Bromomethane	1.60	94	4366	3.669 ug/L	94
46) Tetrachloroethene	8.22	164	39733	11.198 ug/L	97

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

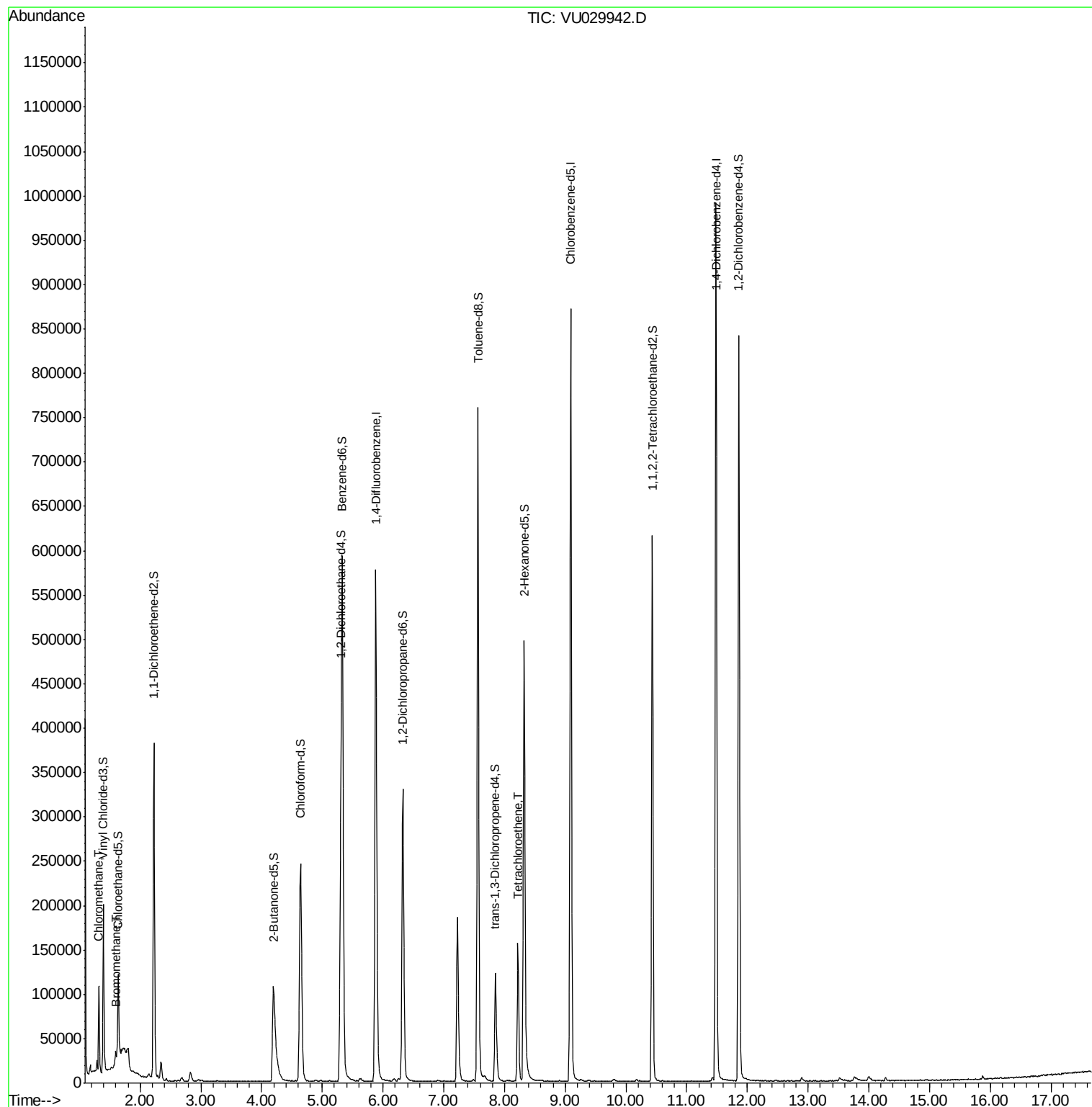
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031219\
Data File : VU029942.D
Acq On : 10 Mar 2019 12:32
Operator : JC/SP
Sample : K1789-02ME
Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

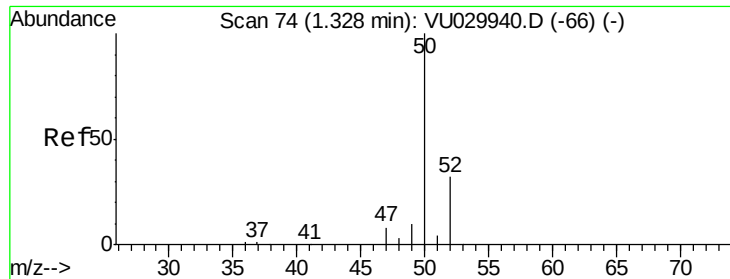
Instrument :
MSVOA_U
ClientSampleId :
BF0N8ME

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:46:31 AM

Quant Time: Mar 11 07:38:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 12.743 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029942.D

Acq: 10 Mar 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

BFON8ME

Tot Ion: 50 Resp: 73832

Ion Ratio Lower Upper

50 100

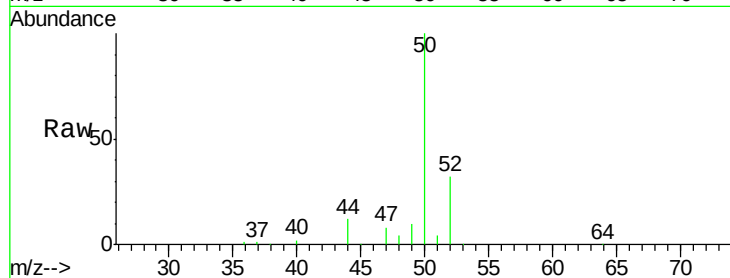
52 31.9 23.1 42.9

Manual Integrations

APPROVED

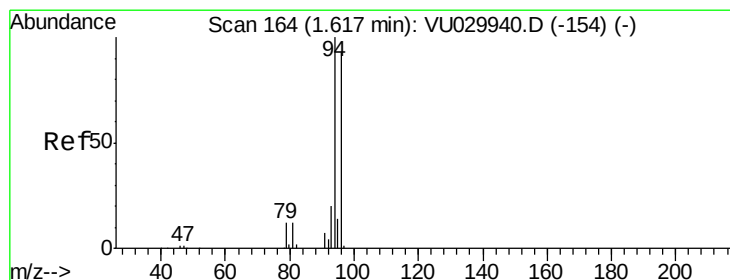
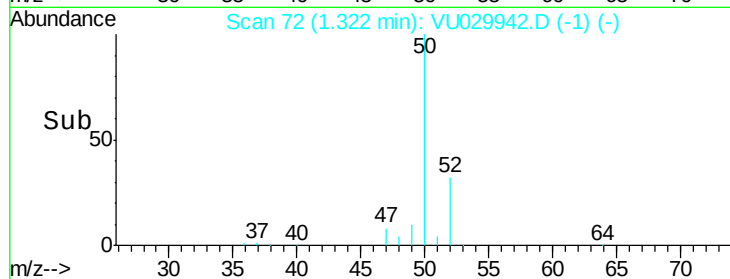
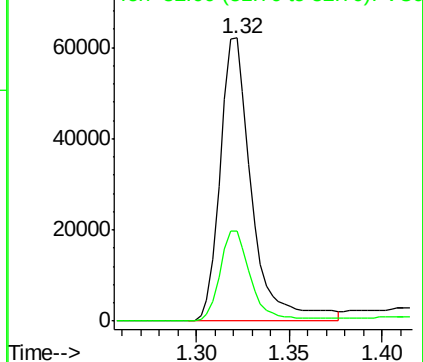
MMDadoda

3/11/2019 11:46:31 AM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 3.669 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029942.D

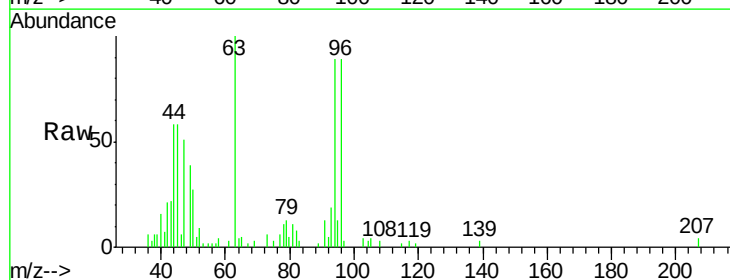
Acq: 10 Mar 2019 12:32

Tgt Ion: 94 Resp: 4366

Ion Ratio Lower Upper

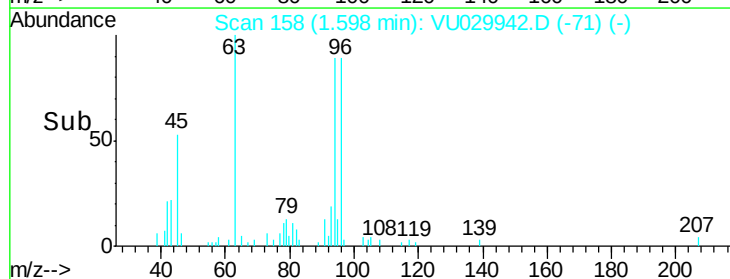
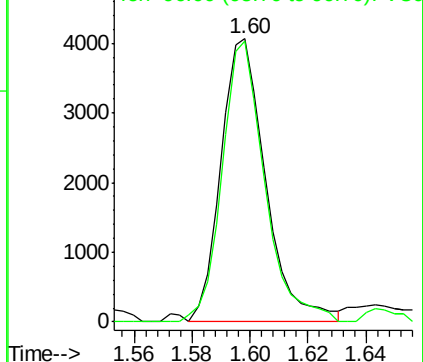
94 100

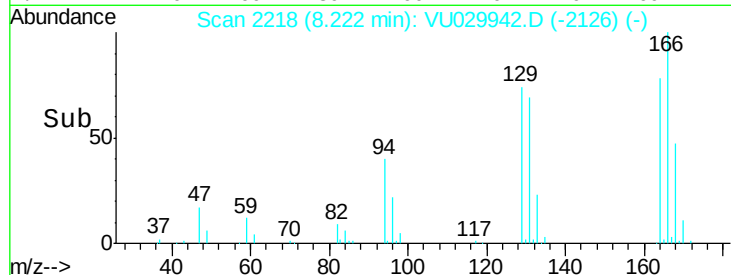
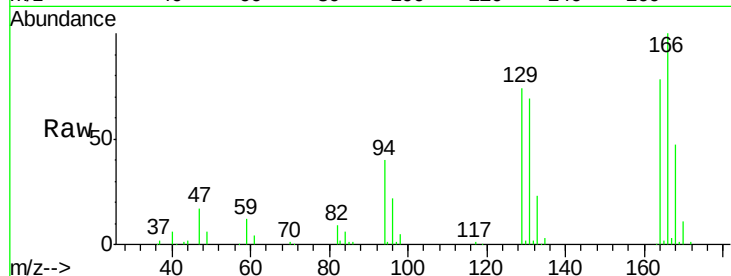
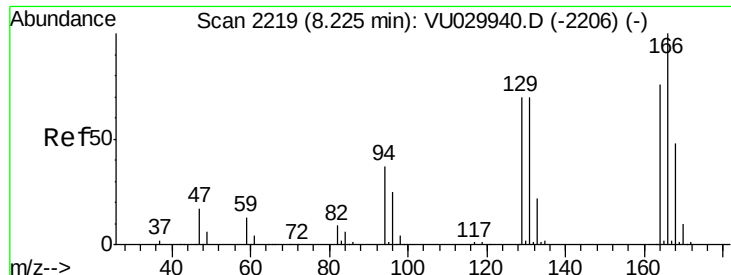
96 99.4 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46

Tetrachloroethene

Concen: 11.198 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029942.D

Acq: 10 Mar 2019 12:32

Tot Ion:	164	Resp:	39733
Ion Ratio	Lower	Upper	
164	100		
129	94.0	61.0	113.2
131	88.5	60.5	112.3
166	127.6	88.3	163.9

Instrument :

MSVOA_U

ClientSampleId :

BFON8ME

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:46:31 AM

