

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029943.D
 Acq On : 10 Mar 2019 12:56
 Operator : JC/SP
 Sample : K1789-09ME
 Misc : 5.87g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P5ME

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:47:19 AM

Quant Time: Mar 11 07:33:19 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	488079	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	485475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107952	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.50%
7) Chloroethane-d5	1.64	69	43521	17.38	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.76%#
11) 1,1-Dichloroethene-d2	2.23	63	153290m	27.31	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.62%#
21) 2-Butanone-d5	4.19	46	170742	74.00	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.00%
24) Chloroform-d	4.64	84	204711	35.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.64%
26) 1,2-Dichloroethane-d4	5.30	65	126969	37.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.78%
32) Benzene-d6	5.33	84	450105	37.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.42%
36) 1,2-Dichloropropane-d6	6.32	67	135484	37.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.16%
41) Toluene-d8	7.56	98	425690	36.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.34%#
43) trans-1,3-Dichloropropene-	7.85	79	62608	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
47) 2-Hexanone-d5	8.32	63	151602	77.11	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	229147	39.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	184417	37.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.28%#

Target Compounds					Ovalue
3) Chloromethane	1.32	50	48861	9.918 ug/L	97
6) Bromomethane	1.60	94	3417	3.377 ug/L	91
46) Tetrachloroethene	8.22	164	36948	12.275 ug/L	95

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

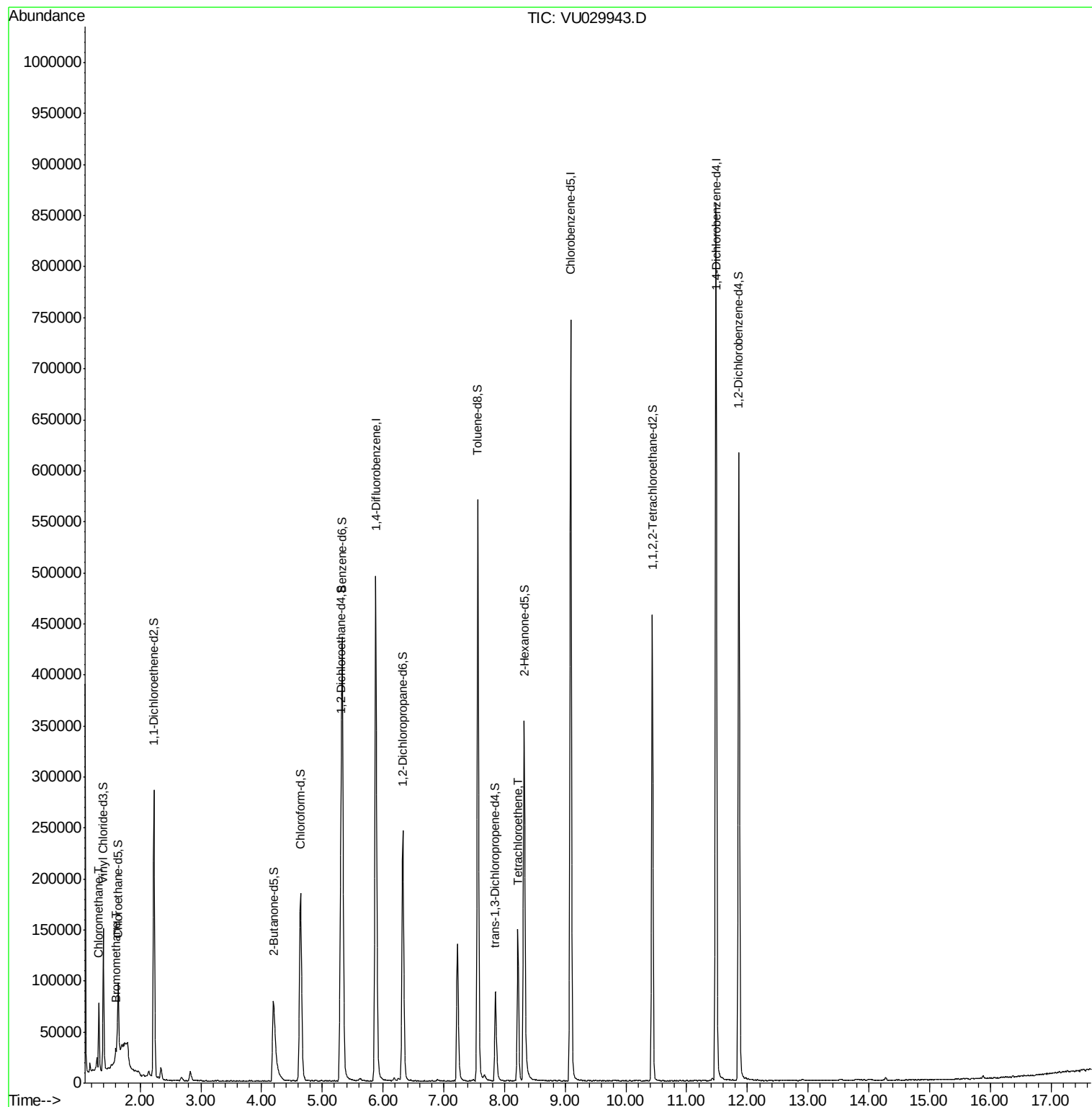
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031219\
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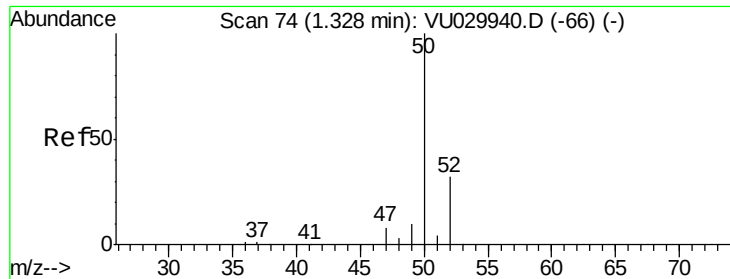
Instrument :
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Response via : Initial Calibration





#3

Chloromethane

Concen: 9.918 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029943.D

Acq: 10 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

BF0P5ME

Tot Ion: 50 Resp: 48861

Ion Ratio Lower Upper

50 100

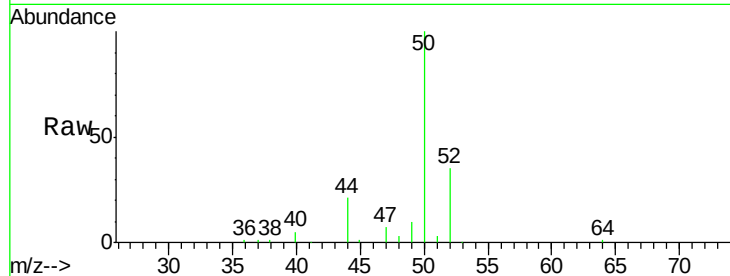
52 34.9 23.1 42.9

Manual Integrations

APPROVED

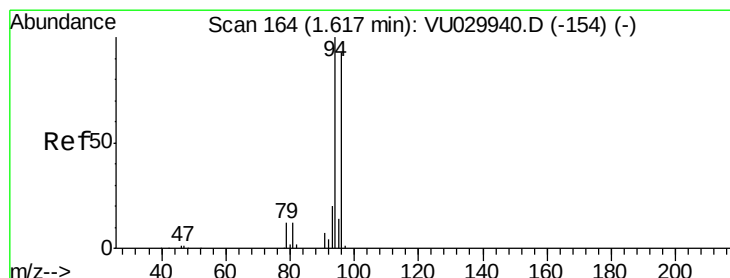
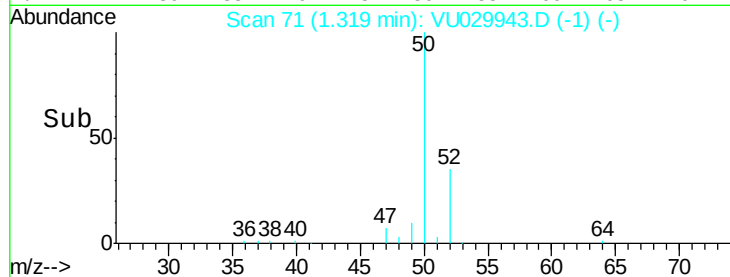
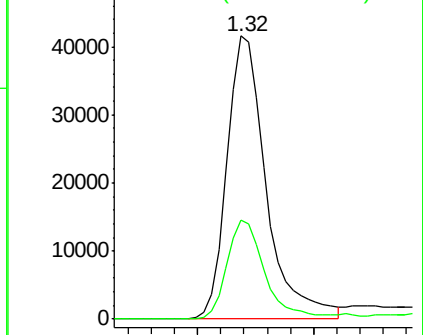
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 3.377 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU029943.D

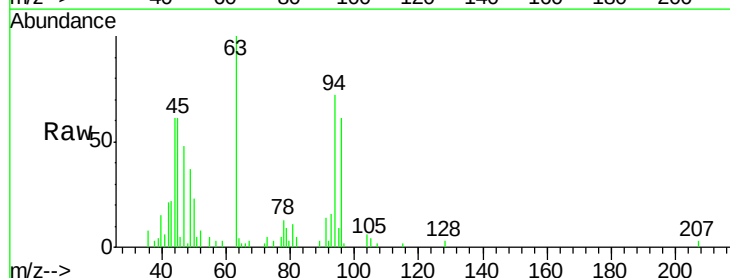
Acq: 10 Mar 2019 12:56

Tgt Ion: 94 Resp: 3417

Ion Ratio Lower Upper

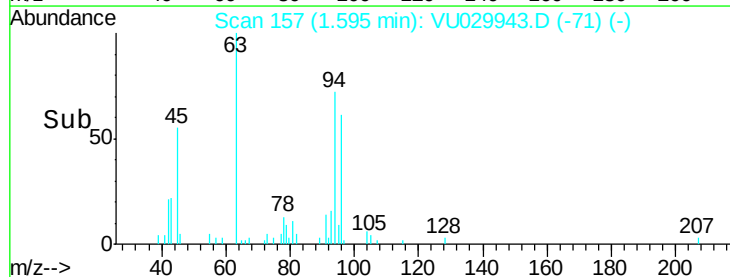
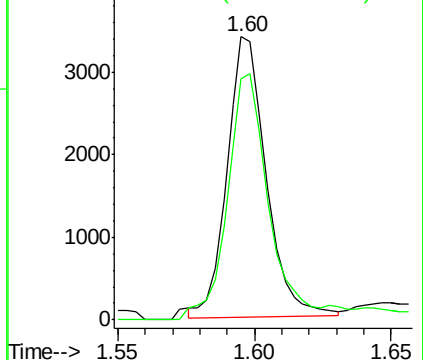
94 100

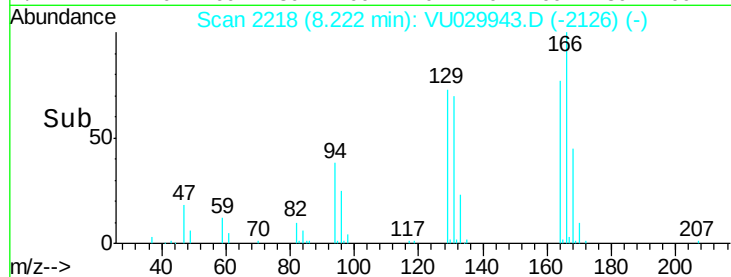
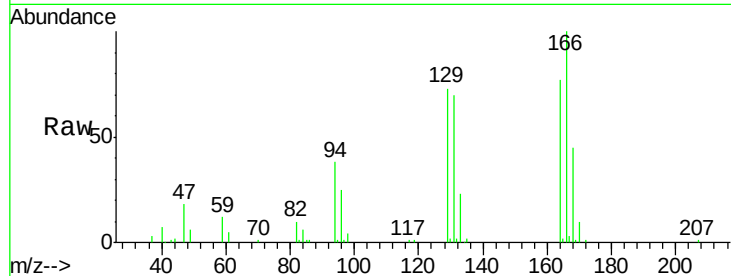
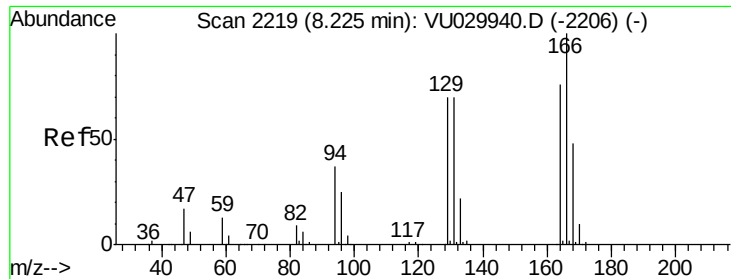
96 85.3 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#46

Tetrachloroethene

Concen: 12.275 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 36948

Ion Ratio Lower Upper

164 100

129 94.8 61.0 113.2

131 91.0 60.5 112.3

166 130.1 88.3 163.9

Manual Integrations

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