

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029929.D
 Acq On : 09 Mar 2019 18:48
 Operator : JC/SP
 Sample : K1838-02
 Misc : 5.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0S3

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 10:54:38 AM

Quant Time: Mar 11 04:04:55 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	564450	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	560907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	288874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142639	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.64	69	56183	19.41	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.82%#
11) 1,1-Dichloroethene-d2	2.23	63	205891m	31.72	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
21) 2-Butanone-d5	4.20	46	219962	82.44	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.44%
24) Chloroform-d	4.64	84	262078	39.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.30	65	161432	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.22%
32) Benzene-d6	5.33	84	582967	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
36) 1,2-Dichloropropane-d6	6.32	67	175335	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.06%
41) Toluene-d8	7.56	98	536306	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#
43) trans-1,3-Dichloropropene-	7.85	79	80096	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
47) 2-Hexanone-d5	8.32	63	204763	90.14	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285951	42.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	237099	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	75762	13.297 ug/L	100
6) Bromomethane	1.60	94	3677	3.142 ug/L	91
46) Tetrachloroethene	8.22	164	293418	84.368 ug/L	97

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

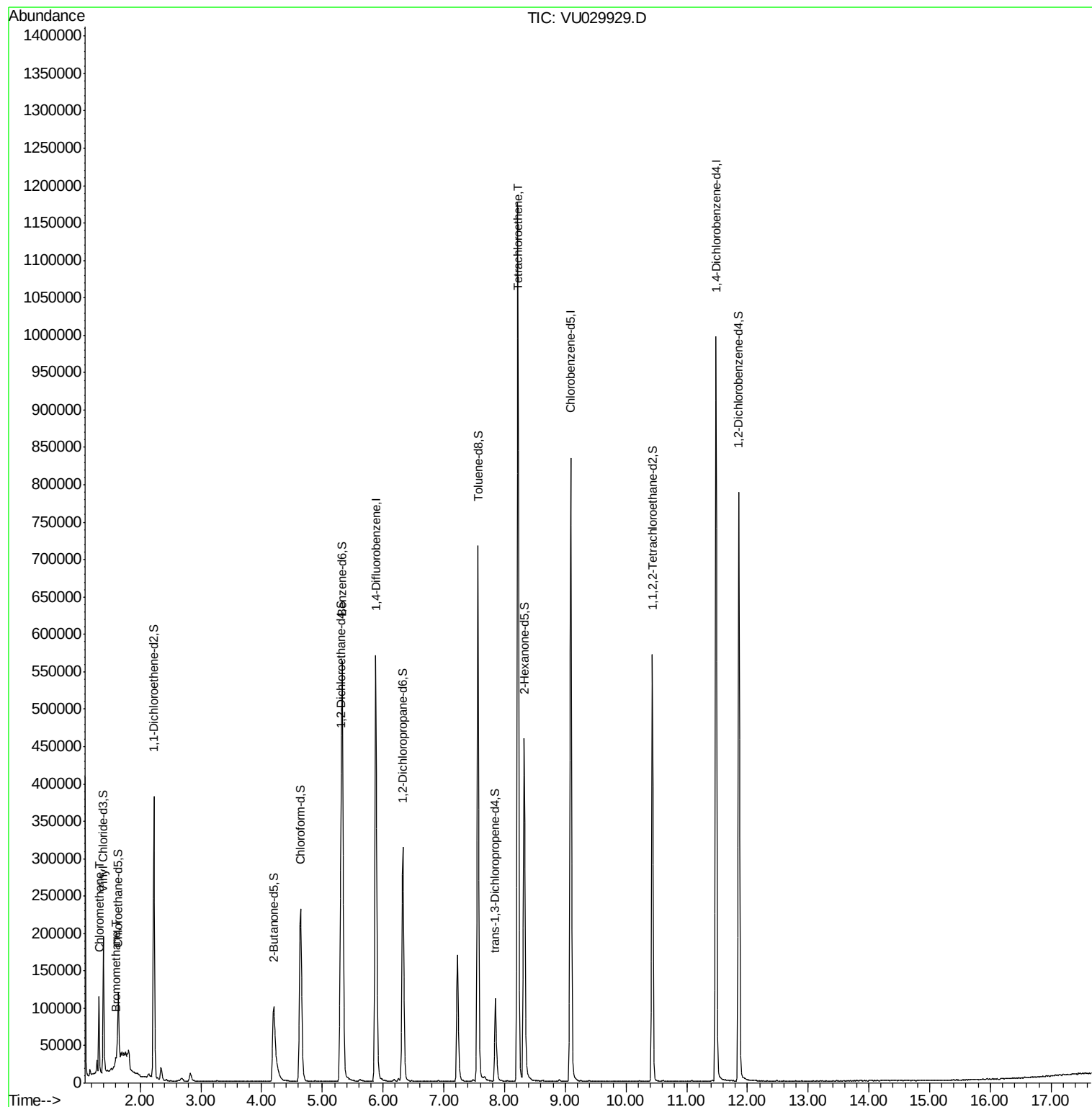
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031119\
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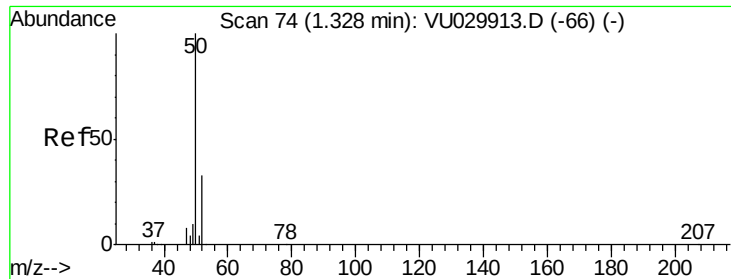
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#3

Chloromethane

Concen: 13.297 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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ClientSampleId :

BF0S3

Tot Ion: 50 Resp: 75762

Ion Ratio Lower Upper

50 100

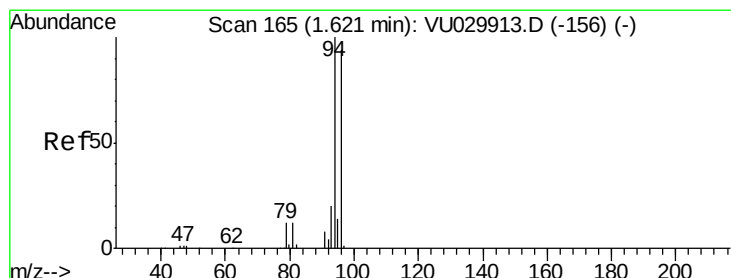
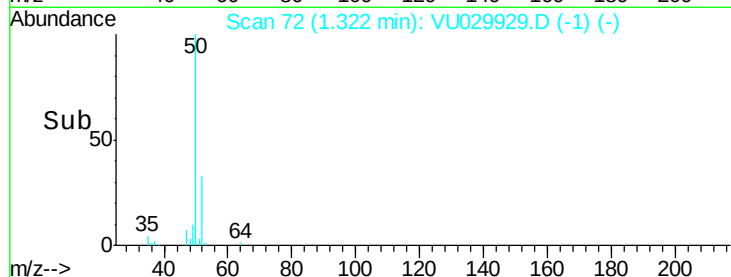
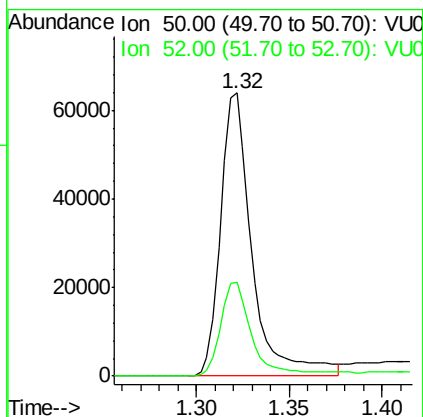
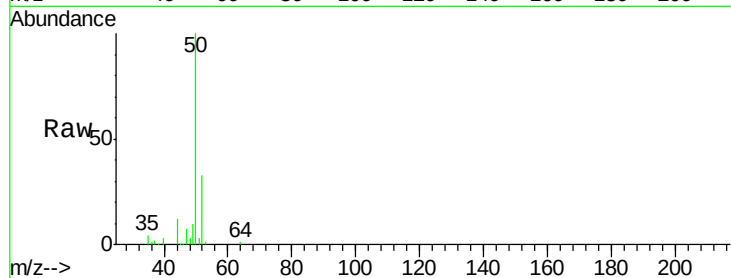
52 33.3 23.1 42.9

Manual Integrations

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#6

Bromomethane

Concen: 3.142 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

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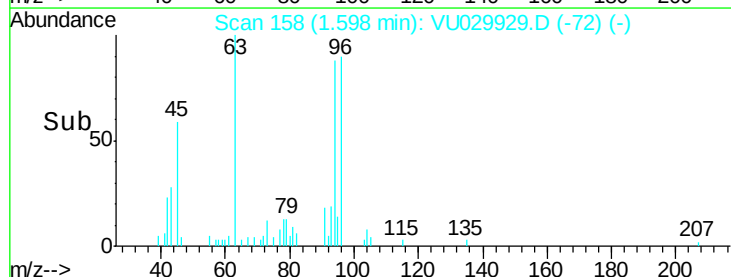
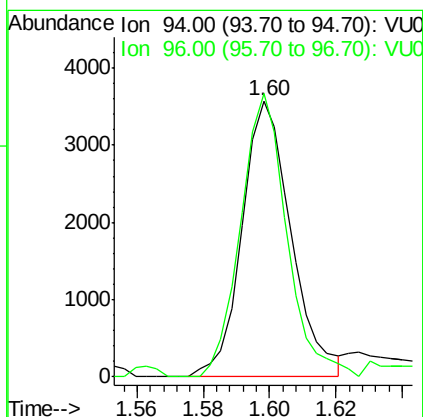
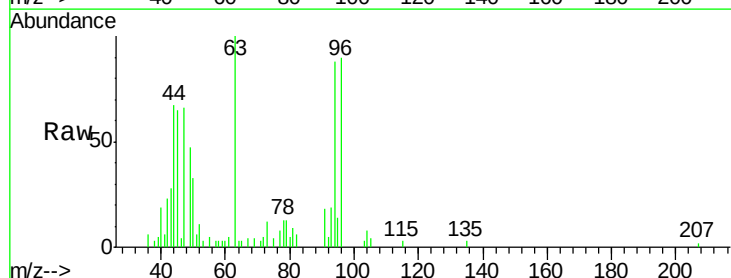
Acq: 09 Mar 2019 18:48

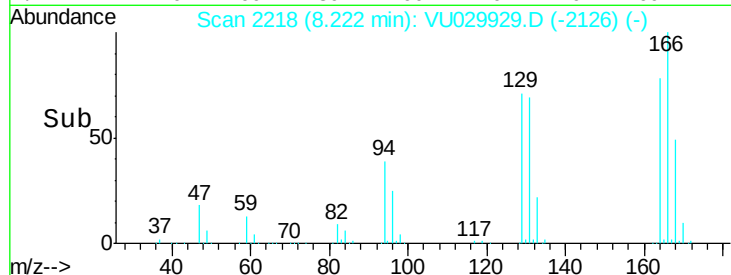
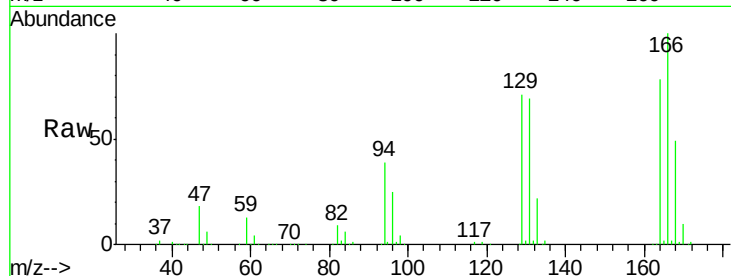
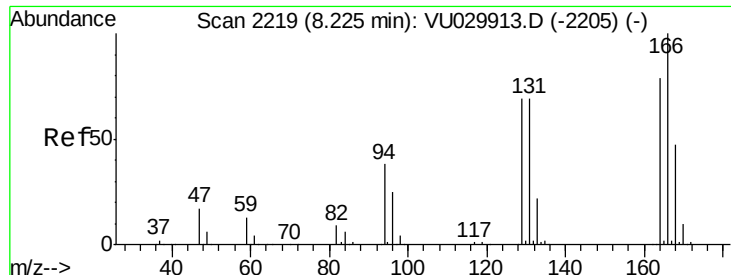
Tgt Ion: 94 Resp: 3677

Ion Ratio Lower Upper

94 100

96 102.6 65.7 121.9





#46

Tetrachloroethene

Concen: 84.368 ug/L

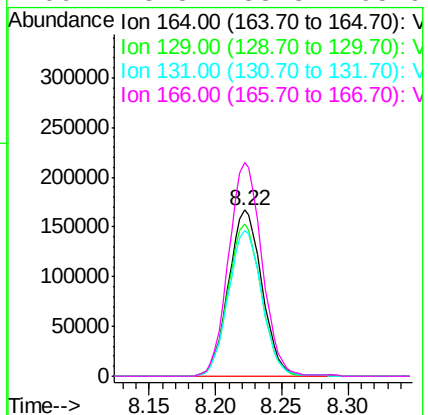
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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Tot Ion	Ratio	Resp	Lower	Upper
164	100	293418		
129	91.5	61.0	113.2	
131	88.3	60.5	112.3	
166	128.8	88.3	163.9	



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