

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029951.D
 Acq On : 10 Mar 2019 16:02
 Operator : JC/SP
 Sample : K1818-14ME
 Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0R4ME

Manual Integrations
 APPROVED

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 3/11/2019 11:48:19 AM

Quant Time: Mar 11 08:54:14 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	588606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	579099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	289915	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141459	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.78%
7) Chloroethane-d5	1.64	69	58994m	19.54	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.08%#
11) 1,1-Dichloroethene-d2	2.23	63	207714	30.68	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.36%
21) 2-Butanone-d5	4.20	46	249451	89.65	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.65%
24) Chloroform-d	4.64	84	283968	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
26) 1,2-Dichloroethane-d4	5.30	65	175296	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
32) Benzene-d6	5.33	84	626772	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
36) 1,2-Dichloropropane-d6	6.32	67	191166	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.56	98	588080	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%
43) trans-1,3-Dichloropropene-	7.85	79	85496	40.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.06%
47) 2-Hexanone-d5	8.32	63	217947	92.93	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312969	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	246395	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	58602	9.863 ug/L	98
6) Bromomethane	1.60	94	3805	3.118 ug/L	88
46) Tetrachloroethene	8.22	164	811922	226.122 ug/L	97

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

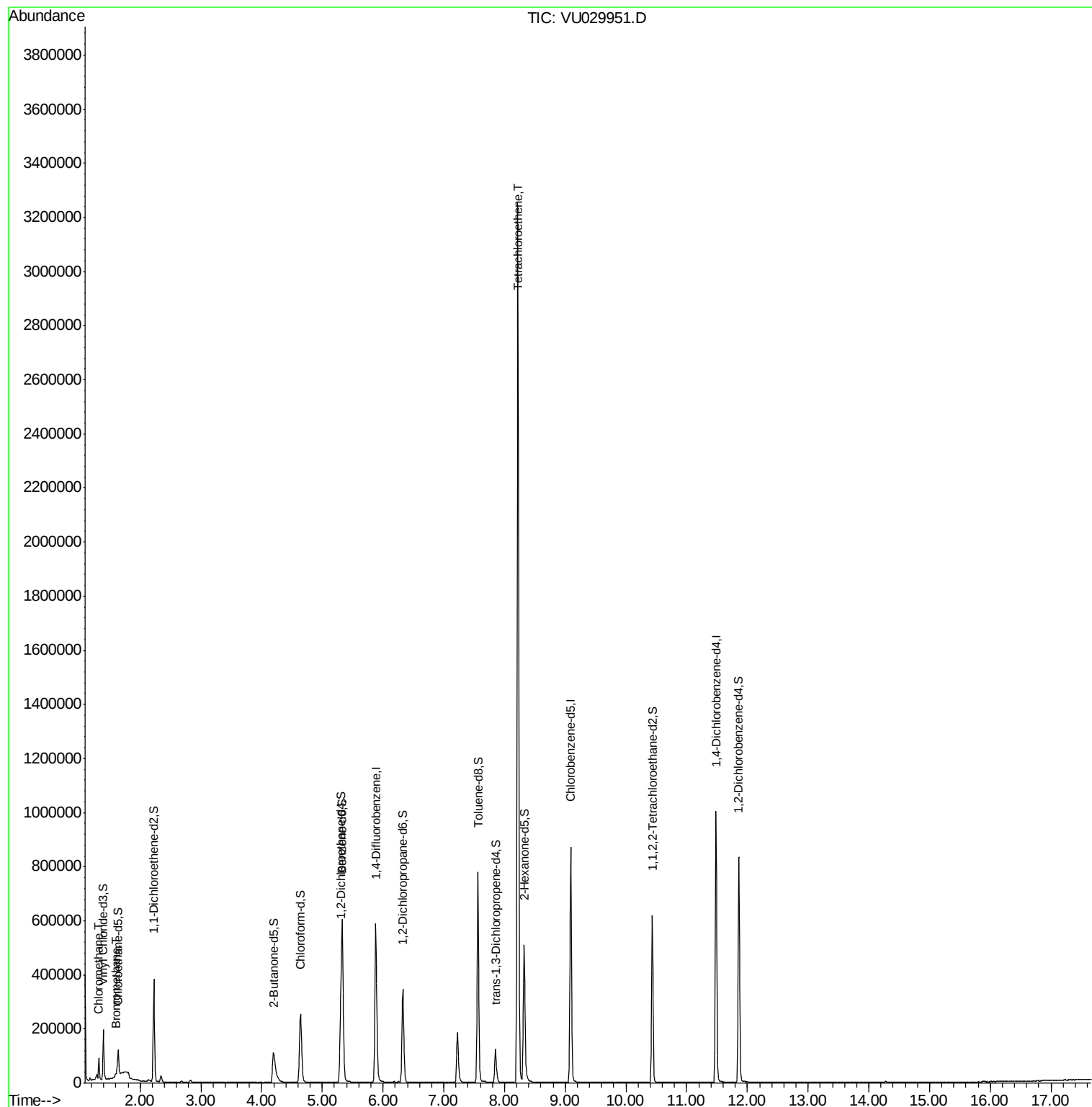
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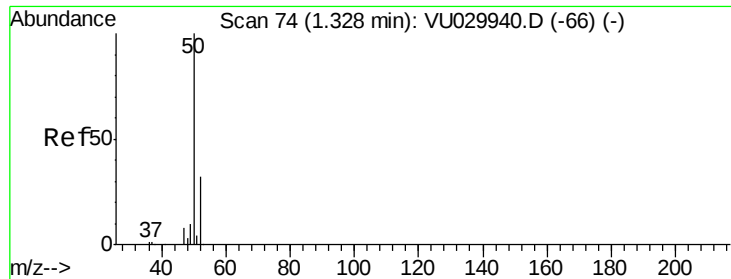
Instrument :
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Response via : Initial Calibration





#3

Chloromethane

Concen: 9.863 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029951.D

Acq: 10 Mar 2019 16:02

Instrument :

MSVOA_U

ClientSampleId :

BF0R4ME

Tot Ion: 50 Resp: 58602

Ion Ratio Lower Upper

50 100

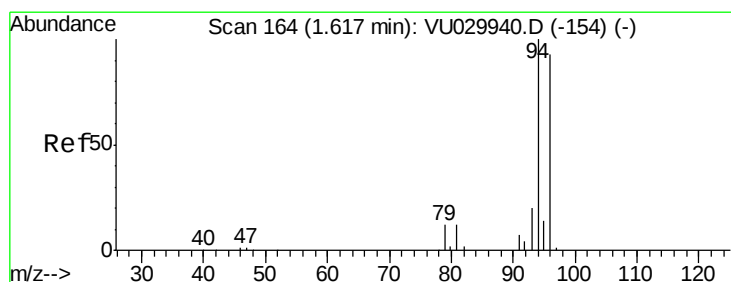
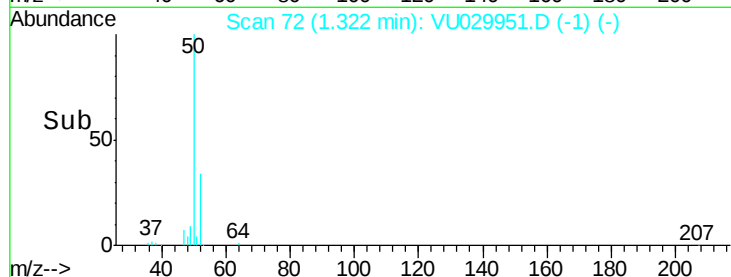
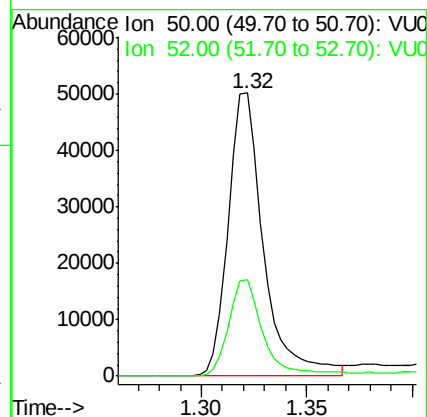
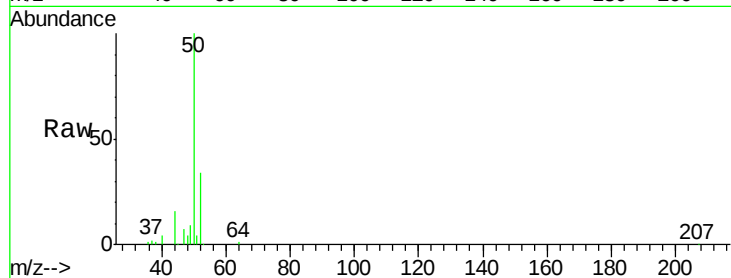
52 33.9 23.1 42.9

Manual Integrations

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#6

Bromomethane

Concen: 3.118 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029951.D

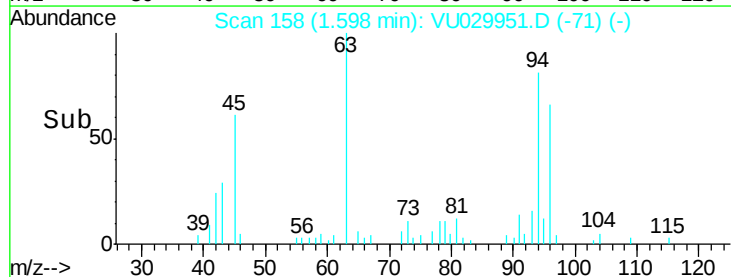
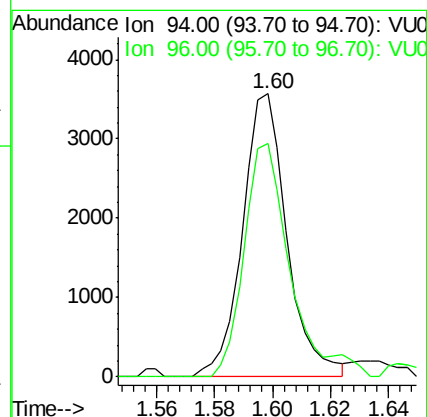
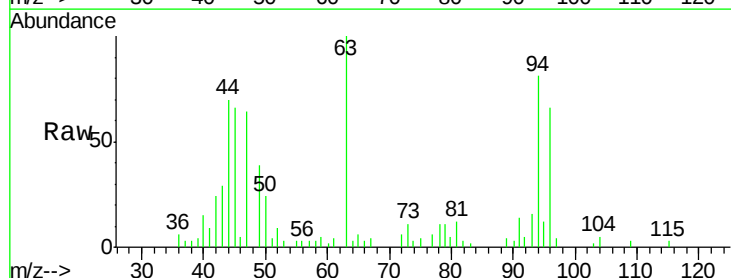
Acq: 10 Mar 2019 16:02

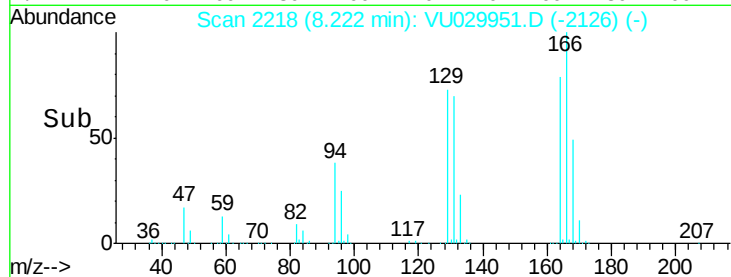
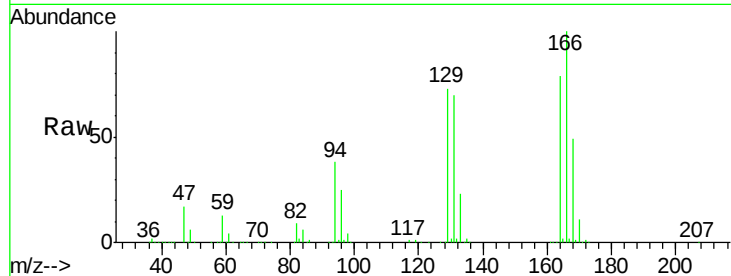
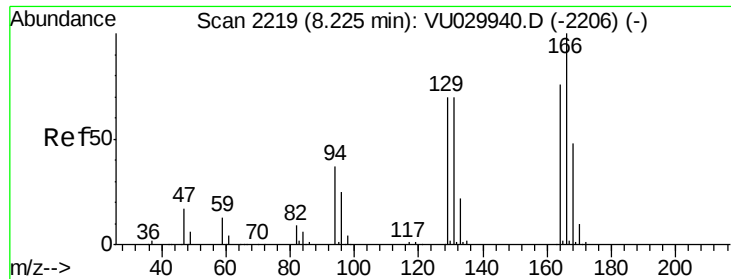
Tgt Ion: 94 Resp: 3805

Ion Ratio Lower Upper

94 100

96 82.3 65.7 121.9





#46

Tetrachloroethene

Concen: 226.122 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029951.D

Acq: 10 Mar 2019 16:02

Tot Ion	Ratio	Resp	Lower	Upper
164	100	811922		
129	92.5	61.0	113.2	
131	88.6	60.5	112.3	
166	126.5	88.3	163.9	

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