

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029928.D
 Acq On : 09 Mar 2019 18:25
 Operator : JC/SP
 Sample : K1838-01
 Misc : 5.24g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0S2

Quant Time: Mar 11 04:00:44 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	565162	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	553638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	287701	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	140091	40.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.26%
7) Chloroethane-d5	1.64	69	54946	18.95	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.90%#
11) 1,1-Dichloroethene-d2	2.23	63	197573	30.40	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.80%
21) 2-Butanone-d5	4.20	46	220341	82.48	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.48%
24) Chloroform-d	4.64	84	254838	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.94%
26) 1,2-Dichloroethane-d4	5.30	65	158948	40.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.86%
32) Benzene-d6	5.33	84	565924	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
36) 1,2-Dichloropropane-d6	6.32	67	171702	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.40%
41) Toluene-d8	7.56	98	516121	38.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.98%#
43) trans-1,3-Dichloropropene-	7.85	79	76954	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.32%
47) 2-Hexanone-d5	8.32	63	198633	88.59	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	279346	42.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	229632	40.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.40%

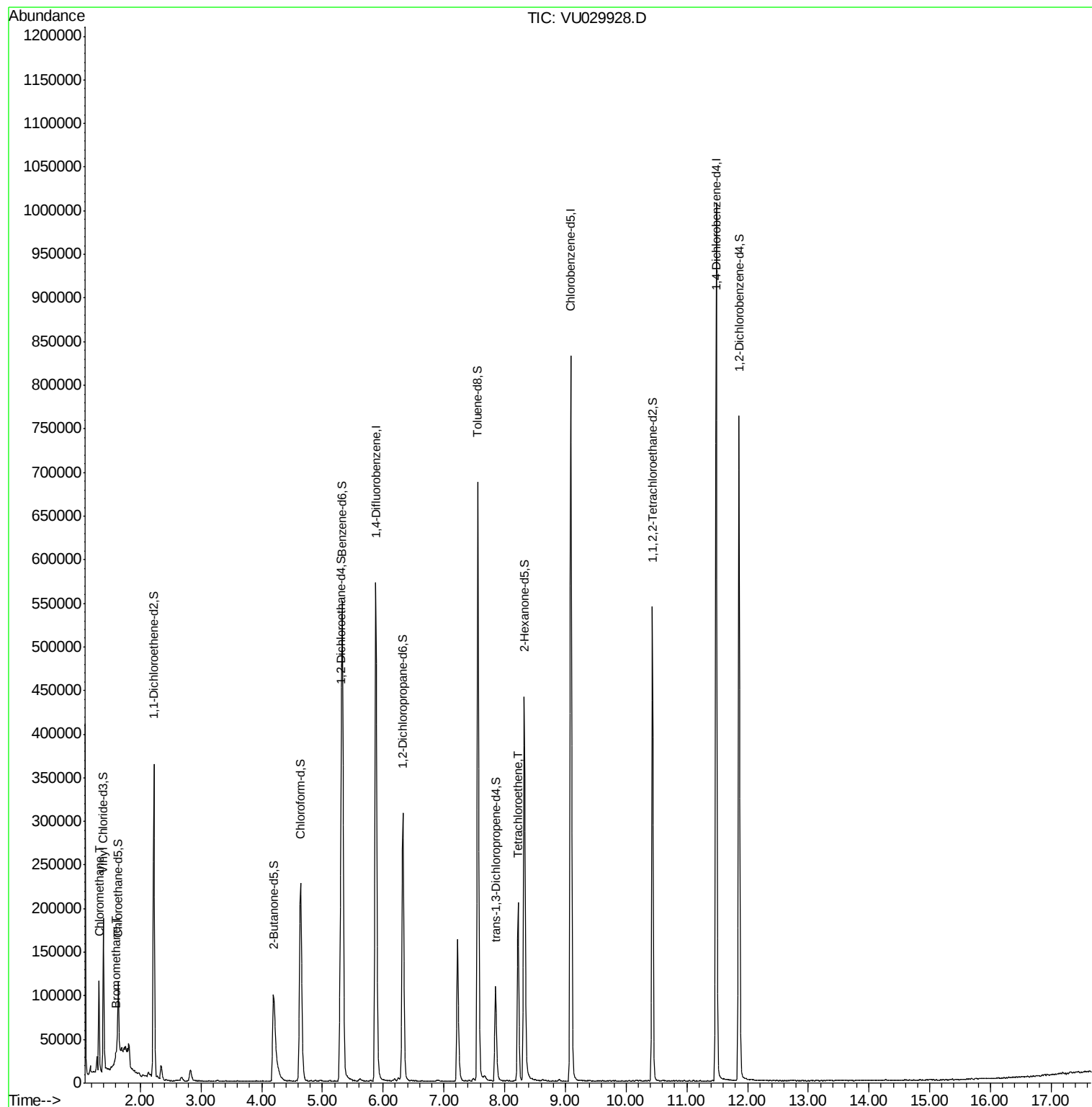
Target Compounds					Ovalue
3) Chloromethane	1.32	50	76993	13.496 ug/L	99
6) Bromomethane	1.60	94	4237	3.616 ug/L	90
46) Tetrachloroethene	8.22	164	51625	15.039 ug/L	98

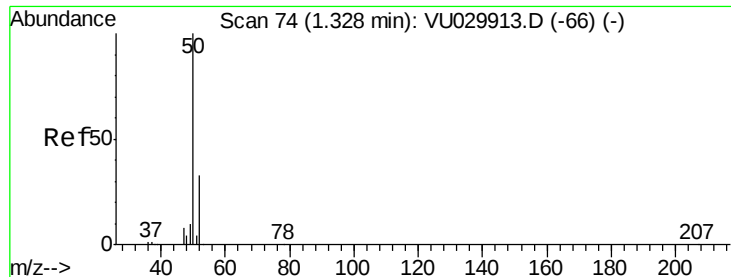
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 13.496 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029928.D

Acq: 09 Mar 2019 18:25

Instrument :

MSVOA_U

ClientSampleId :

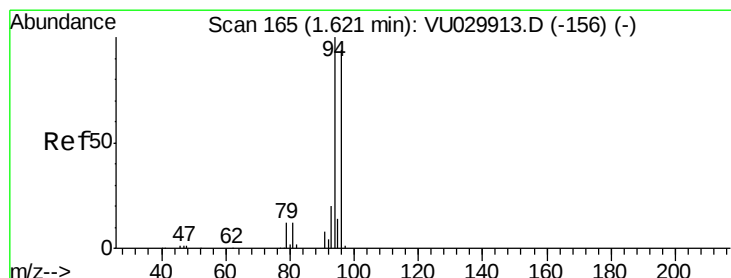
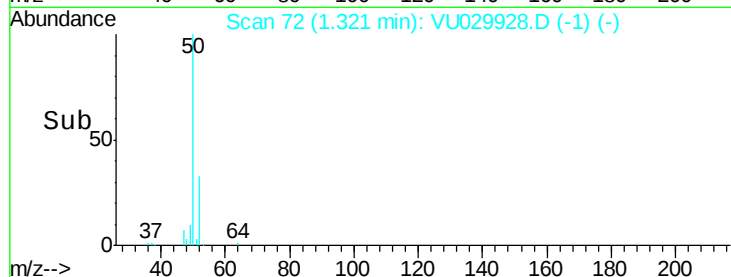
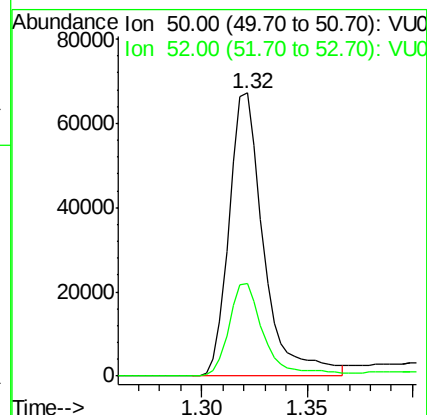
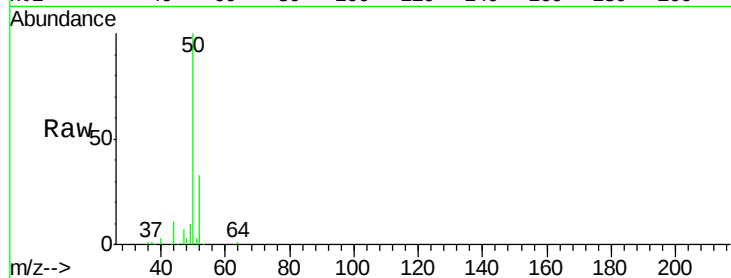
BF0S2

Tot Ion: 50 Resp: 76993

Ion Ratio Lower Upper

50 100

52 32.6 23.1 42.9



#6

Bromomethane

Concen: 3.616 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

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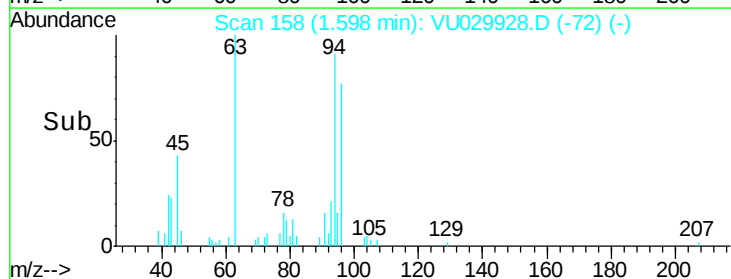
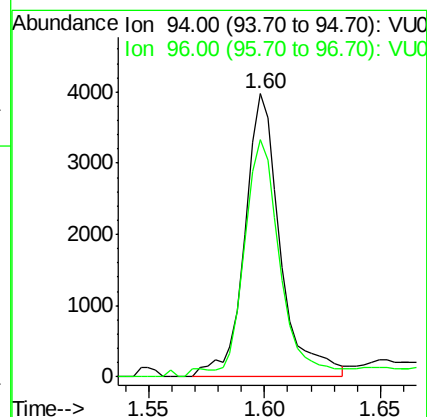
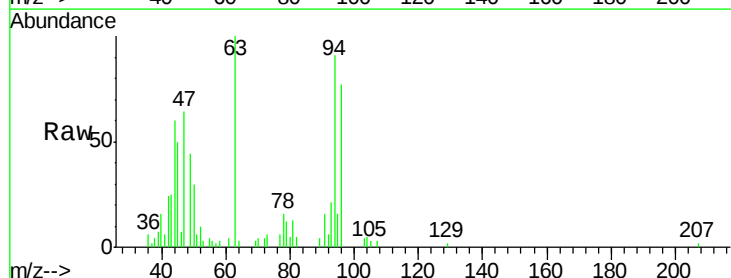
Acq: 09 Mar 2019 18:25

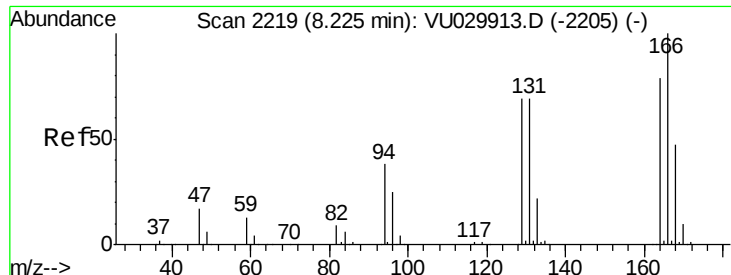
Tgt Ion: 94 Resp: 4237

Ion Ratio Lower Upper

94 100

96 83.9 65.7 121.9

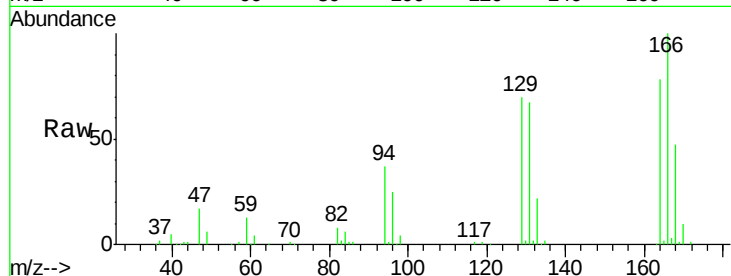




#46
 Tetrachloroethene
 Concen: 15.039 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
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 BF0S2

Tot Ion:164 Resp: 51625
 Ion Ratio Lower Upper
 164 100
 129 89.9 61.0 113.2
 131 85.4 60.5 112.3
 166 128.3 88.3 163.9



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

