

Data File : VU029956.D
Acq On : 10 Mar 2019 17:58
Operator : JC/SP
Sample : K1818-20ME
Misc : 5.57g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOSOME

Quant Time: Mar 11 07:15:43 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	591355	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	584190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	289573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125022	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.30%
7) Chloroethane-d5	1.70	69	148	0.05	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.10%#
11) 1,1-Dichloroethene-d2	2.33	63	65	0.01	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.20	46	215837	77.21	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.21%
24) Chloroform-d	4.64	84	247617	35.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.52%
26) 1,2-Dichloroethane-d4	5.30	65	155565	37.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.62%
32) Benzene-d6	5.33	84	543760	37.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.70%
36) 1,2-Dichloropropane-d6	6.32	67	166556	37.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.76%
41) Toluene-d8	7.56	98	507353	36.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.64%#
43) trans-1,3-Dichloropropene-	7.85	79	75001	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.50%
47) 2-Hexanone-d5	8.32	63	183989	77.77	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	273136	39.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	210779	37.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.22%#

Target Compounds

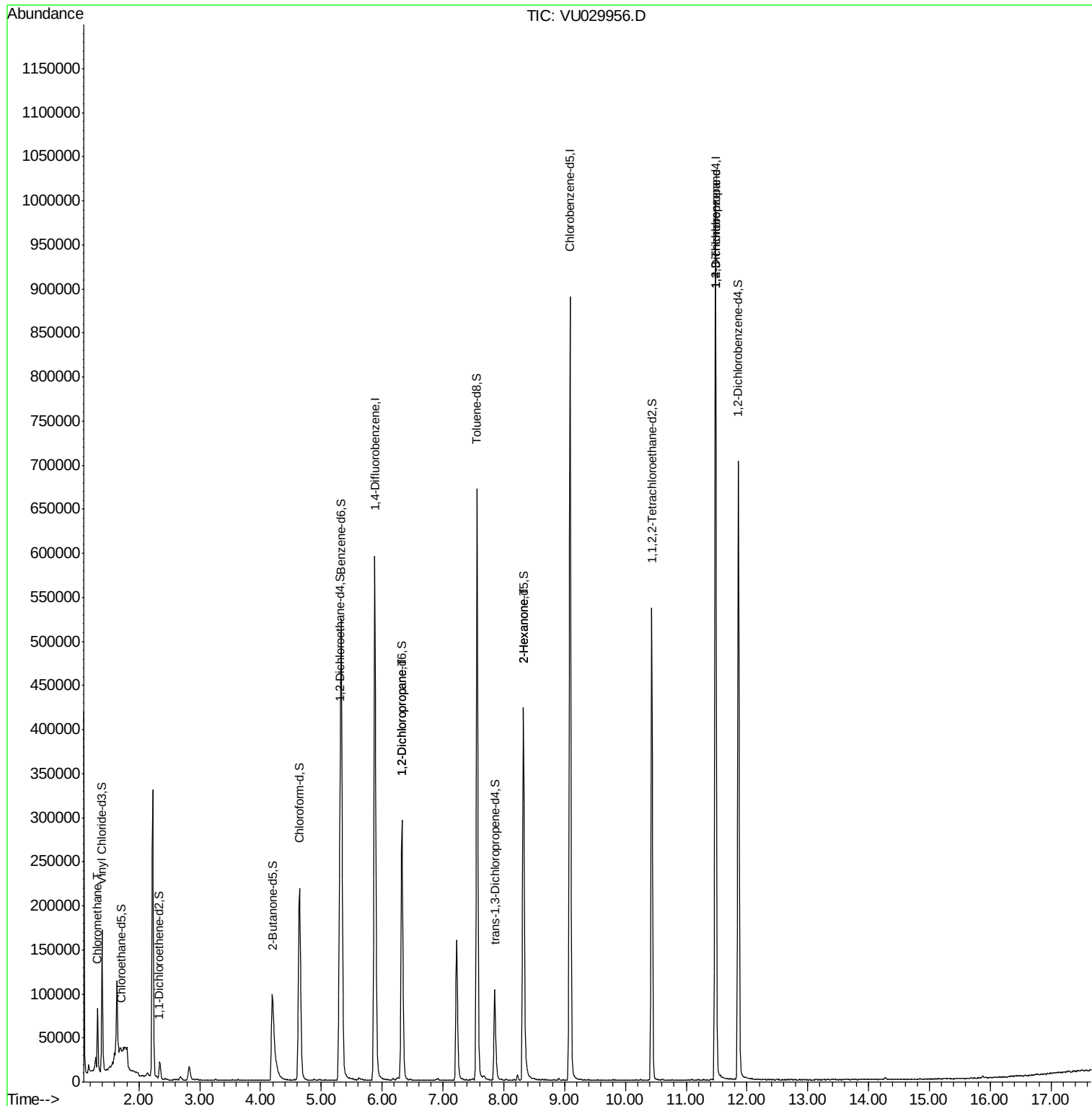
					Qvalue
3) Chloromethane	1.32	50	53625	8.984 ug/L	99
37) 1,2-Dichloropropane	6.33	63	16807	4.133 ug/L #	87
48) 2-Hexanone	8.33	43	19093	4.165 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	29450	5.463 ug/L	94

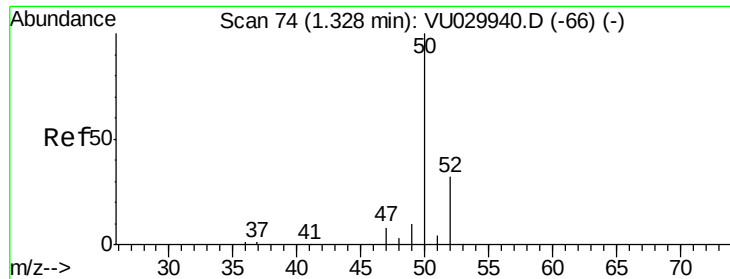
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 8.984 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

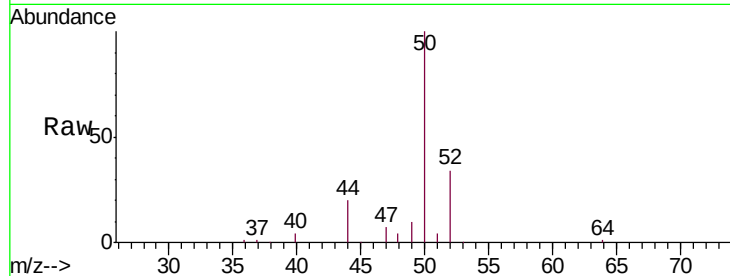
BF0S0ME

Tgt Ion: 50 Resp: 53625

Ion Ratio Lower Upper

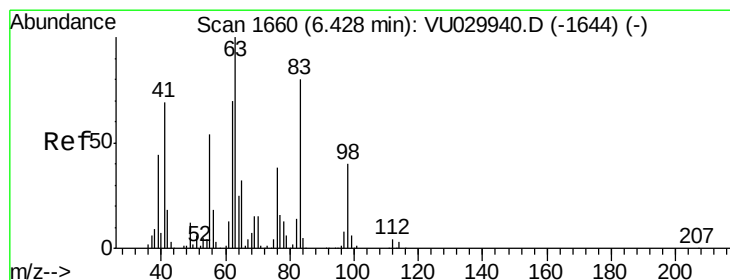
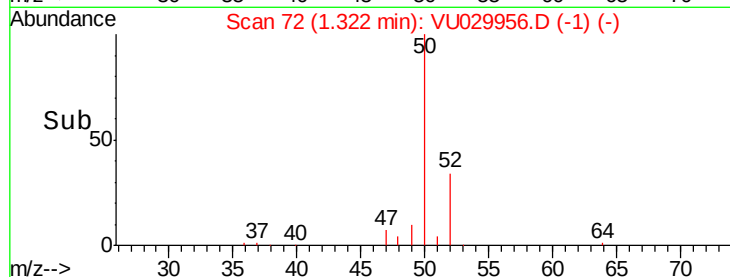
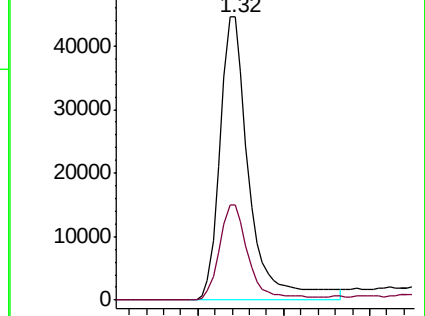
50 100

52 33.8 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#37

1,2-Dichloropropane

Concen: 4.133 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

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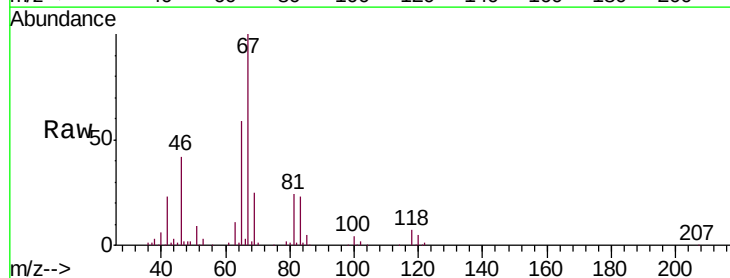
Acq: 10 Mar 2019 17:58

Tgt Ion: 63 Resp: 16807

Ion Ratio Lower Upper

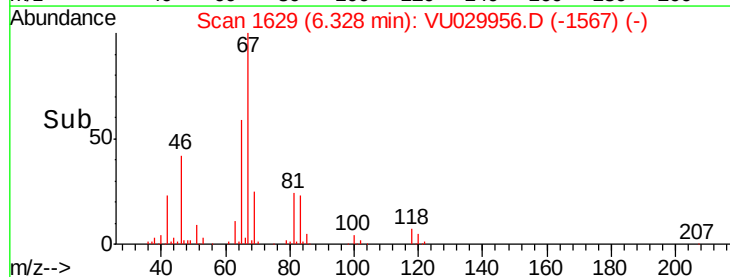
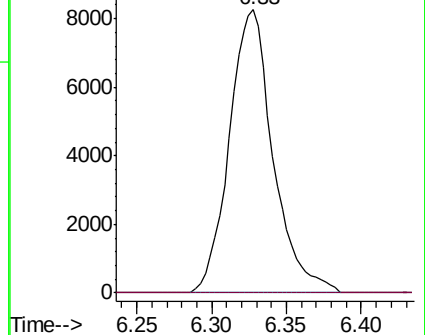
63 100

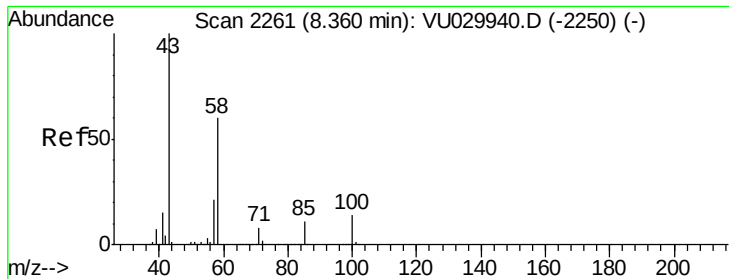
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

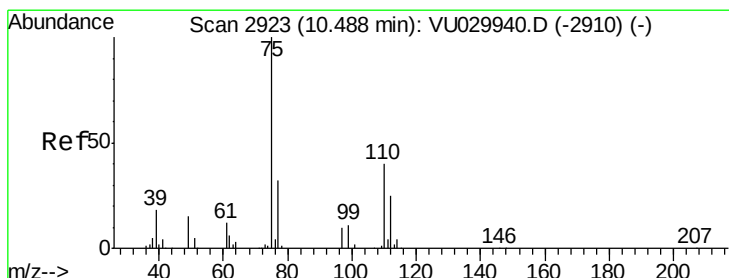
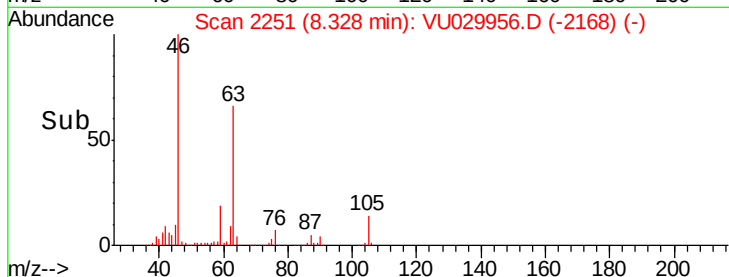
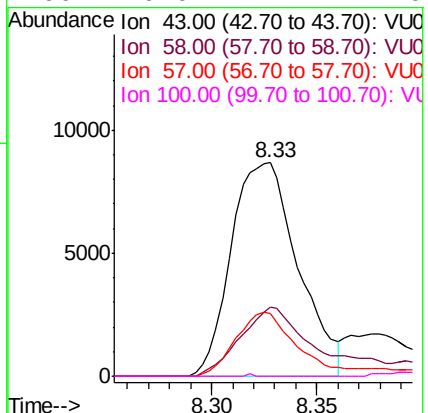
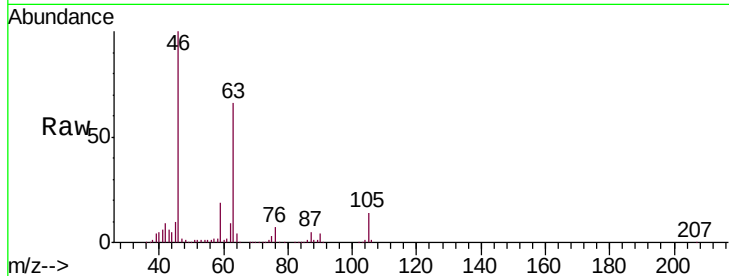




#48
 2-Hexanone
 Concen: 4.165 ug/L
 RT: 8.33 min Scan# 2251
 Delta R.T. -0.03 min
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Tgt Ion: 43 Resp: 19093
 Ion Ratio Lower Upper
 43 100
 58 36.4 49.2 73.8#
 57 27.8 16.6 25.0#
 100 0.0 11.4 17.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.463 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029956.D
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Tgt Ion: 75 Resp: 29450
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.1 39.1

