

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029889.D
 Acq On : 08 Mar 2019 15:51
 Operator : JC/SP
 Sample : K1734-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E7

Quant Time: Mar 08 22:18:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	397353	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85107	29.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.46%#
7) Chloroethane-d5	1.68	69	77155	29.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.62%#
11) 1,1-Dichloroethene-d2	2.27	63	124554	21.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.76%#
21) 2-Butanone-d5	4.18	46	149590	84.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.42%
24) Chloroform-d	4.65	84	179625	38.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.08%
26) 1,2-Dichloroethane-d4	5.31	65	113888	38.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.18%
32) Benzene-d6	5.34	84	381868	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.54%
36) 1,2-Dichloropropane-d6	6.33	67	120622	41.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.52%
41) Toluene-d8	7.56	98	340424	34.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.48%#
43) trans-1,3-Dichloropropene-	7.85	79	53380	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
47) 2-Hexanone-d5	8.31	63	117350	72.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	187715	38.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	144799	37.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.48%#

Target Compounds

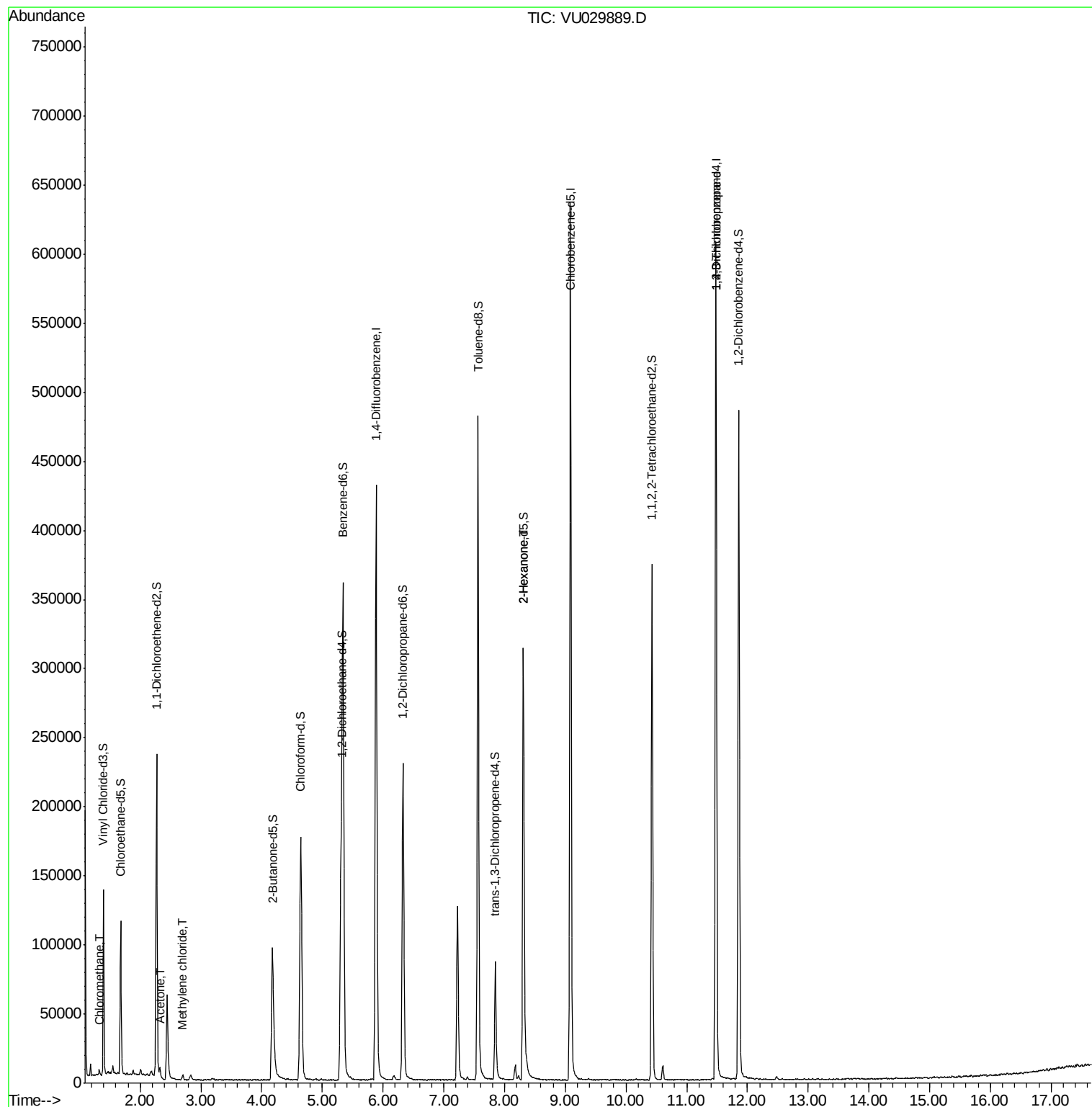
					Qvalue
3) Chloromethane	1.33	50	2484	1.039 ug/L	94
13) Acetone	2.32	43	6564	3.467 ug/L	91
16) Methylene chloride	2.70	84	1742	0.684 ug/L	90
48) 2-Hexanone	8.31	43	12469	3.953 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	18285	4.994 ug/L	95

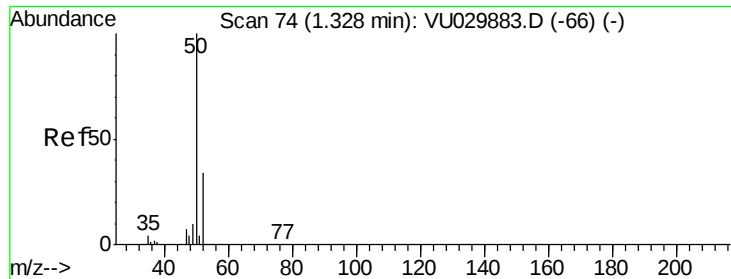
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.039 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029889.D

Acq: 08 Mar 2019 15:51

Instrument :

MSVOA_U

ClientSampleId :

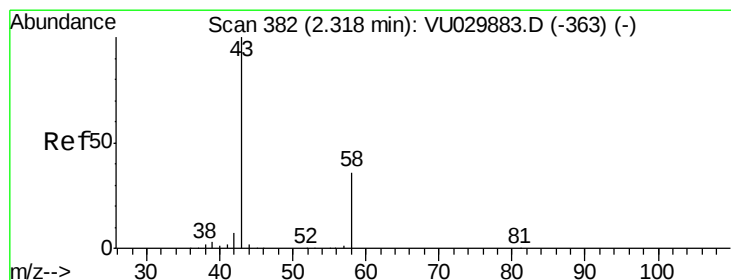
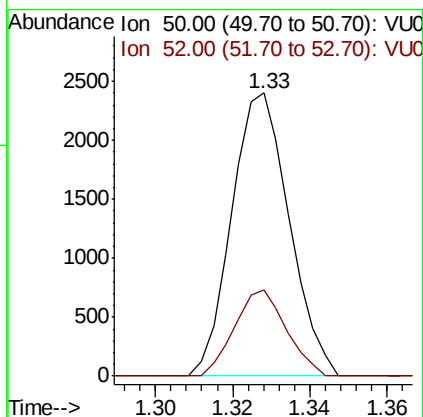
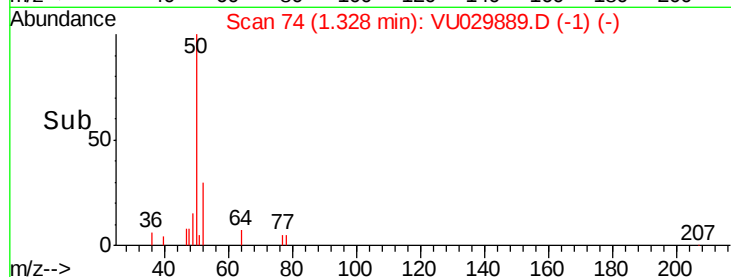
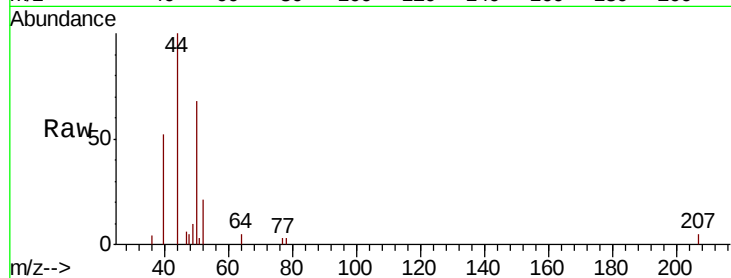
BF1E7

Tgt Ion: 50 Resp: 2484

Ion Ratio Lower Upper

50 100

52 30.4 23.9 44.3



#13

Acetone

Concen: 3.467 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029889.D

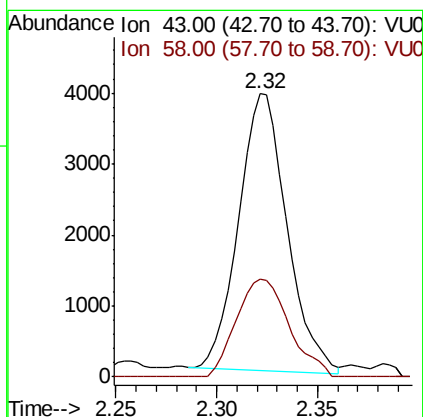
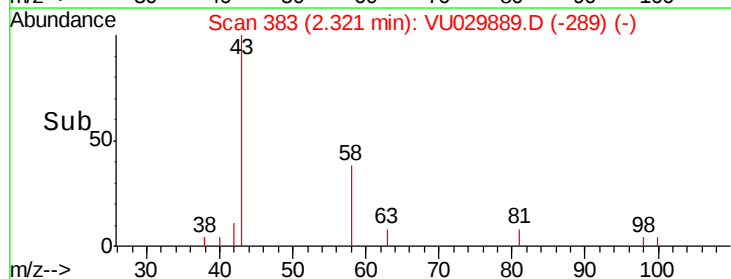
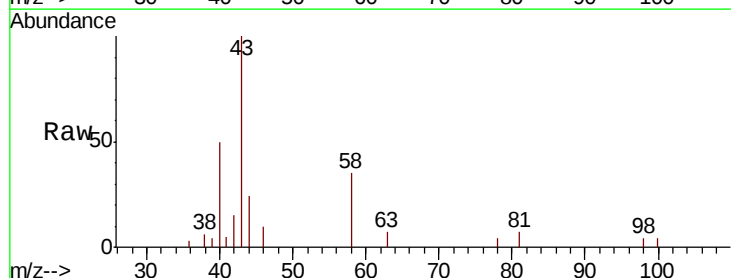
Acq: 08 Mar 2019 15:51

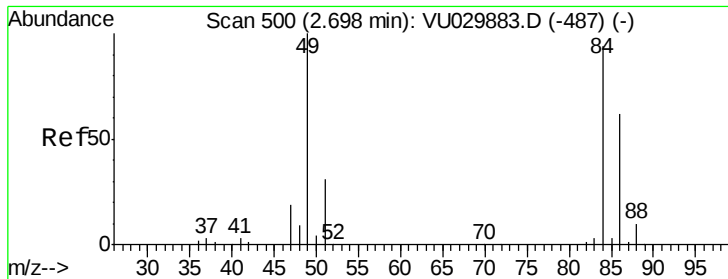
Tgt Ion: 43 Resp: 6564

Ion Ratio Lower Upper

43 100

58 38.4 0.0 66.8

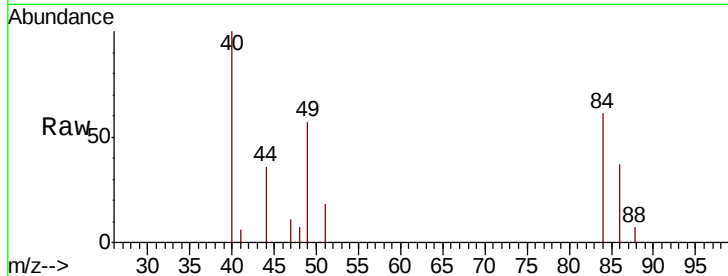




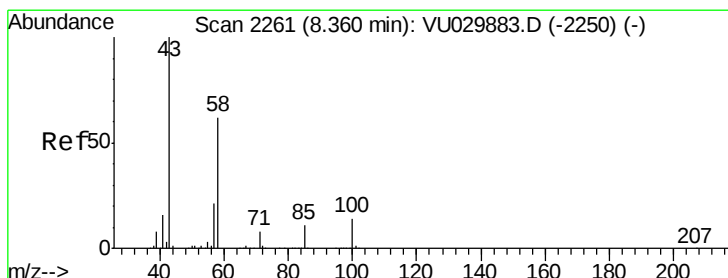
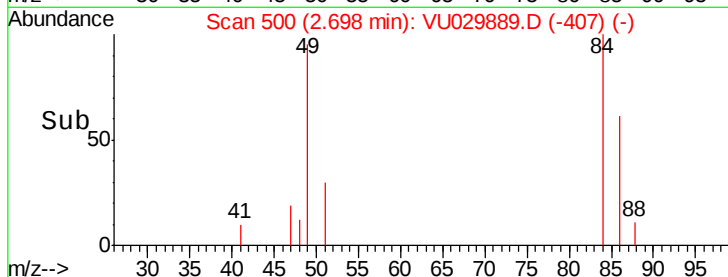
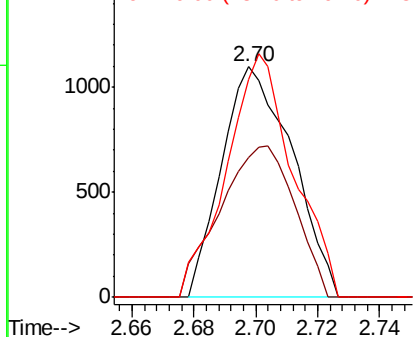
#16
Methylene chloride
Concen: 0.684 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
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Instrument :
MSVOA_U
ClientSampleId :
BF1E7

Tgt Ion: 84 Resp: 1742
Ion Ratio Lower Upper
84 100
86 60.6 45.8 85.0
49 94.9 75.1 139.5

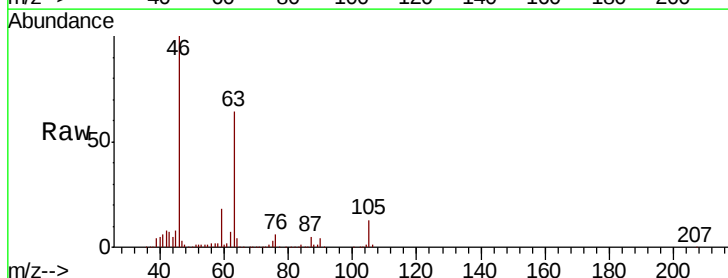


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

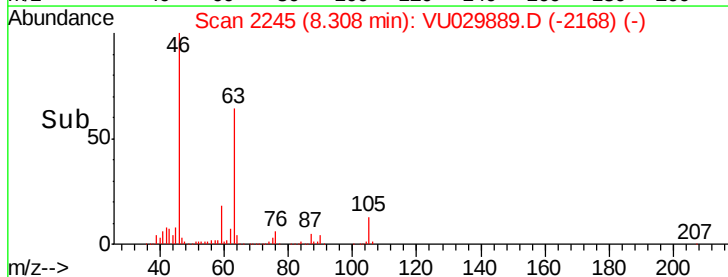
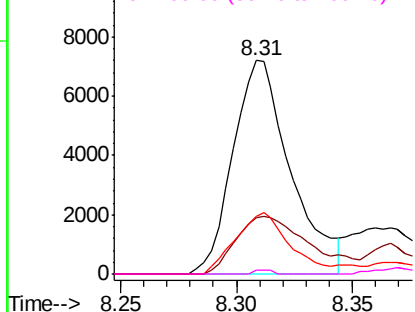


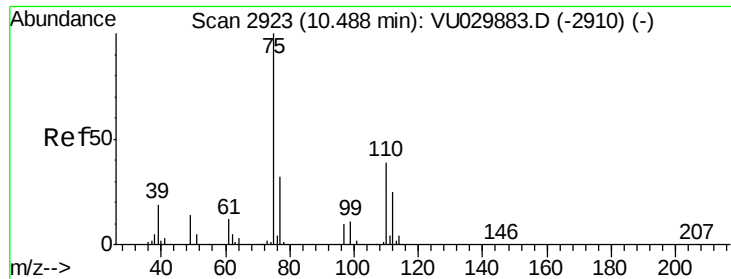
#48
2-Hexanone
Concen: 3.953 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029889.D
Acq: 08 Mar 2019 15:51

Tgt Ion: 43 Resp: 12469
Ion Ratio Lower Upper
43 100
58 31.5 46.4 69.6#
57 27.0 15.7 23.5#
100 0.6 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.994 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029889.D

Acq: 08 Mar 2019 15:51

Instrument :

MSVOA_U

ClientSampleId :

BF1E7

Tgt Ion: 75 Resp: 18285

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5

