

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029987.D
 Acq On : 11 Mar 2019 23:47
 Operator : JC/SP
 Sample : K1763-06 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0961

Quant Time: Mar 12 08:14:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 07:07:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	533596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504418	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	183712	52.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.10%
7) Chloroethane-d5	1.68	69	146980	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.27	63	243691	38.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.50%
21) 2-Butanone-d5	4.17	46	258601	97.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.79%
24) Chloroform-d	4.65	84	314515	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	5.31	65	184617	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
32) Benzene-d6	5.34	84	682187	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
36) 1,2-Dichloropropane-d6	6.33	67	209039	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.56	98	621059	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.85	79	91353	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	217207	97.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298281	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	248876	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

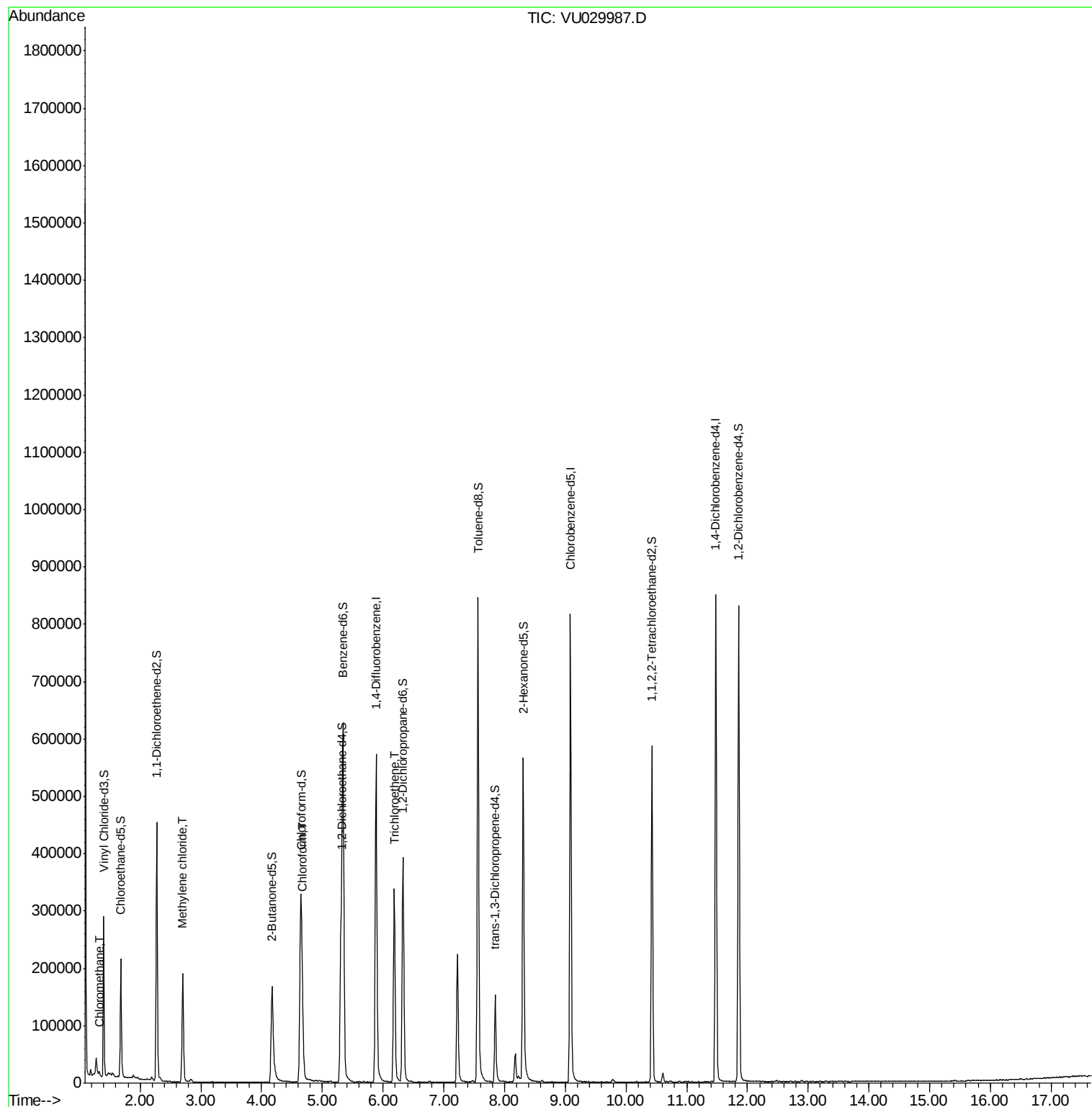
					Qvalue
3) Chloromethane	1.33	50	4896	1.316 ug/L	99
16) Methylene chloride	2.70	84	94382	23.899 ug/L	96
25) Chloroform	4.67	83	105241	16.035 ug/L	96
34) Trichloroethene	6.18	95	120175	31.767 ug/L	98

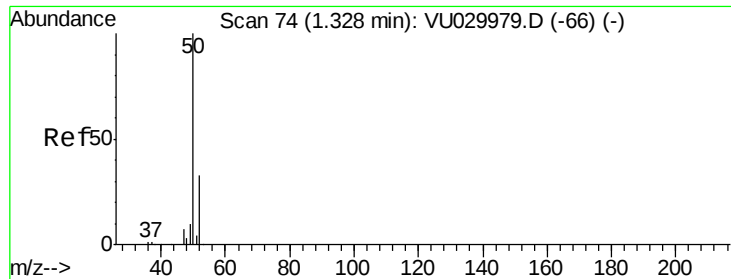
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.316 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029987.D

Acq: 11 Mar 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

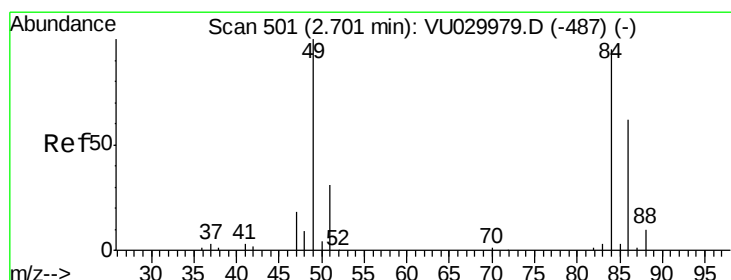
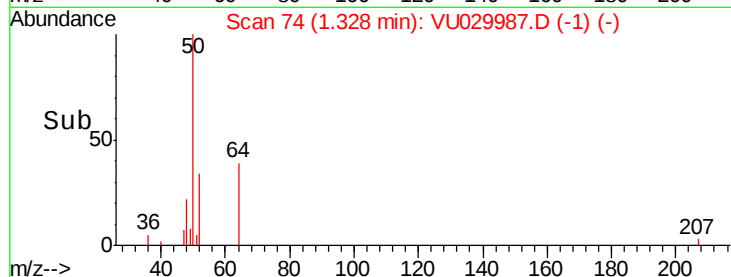
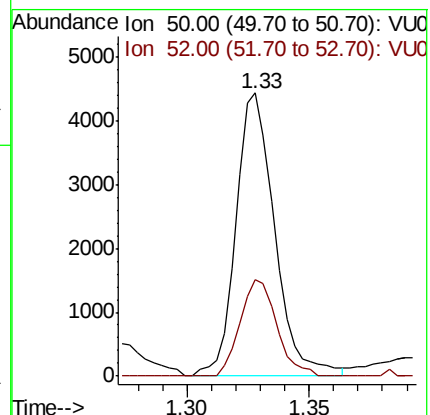
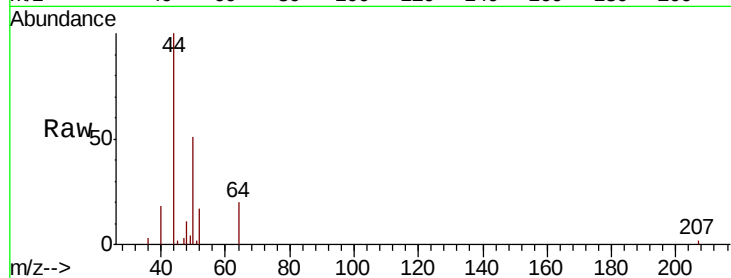
C0961

Tgt Ion: 50 Resp: 4896

Ion Ratio Lower Upper

50 100

52 34.1 23.4 43.6



#16

Methylene chloride

Concen: 23.899 ug/L

RT: 2.70 min Scan# 501

Delta R.T. -0.00 min

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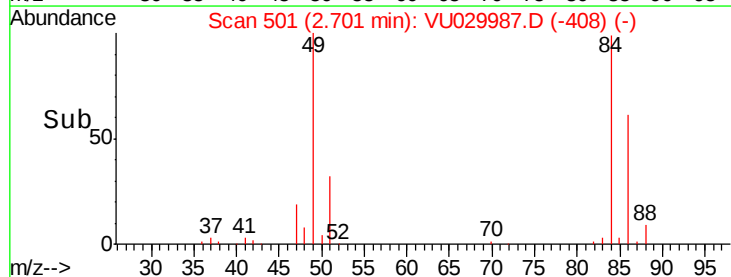
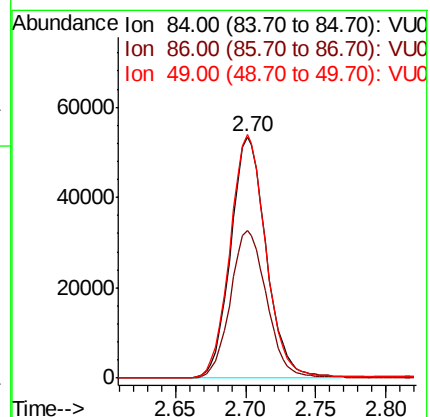
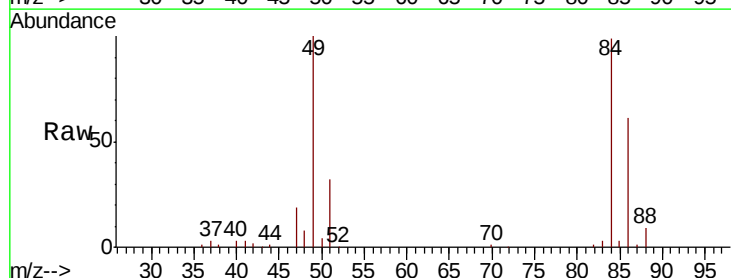
Tgt Ion: 84 Resp: 94382

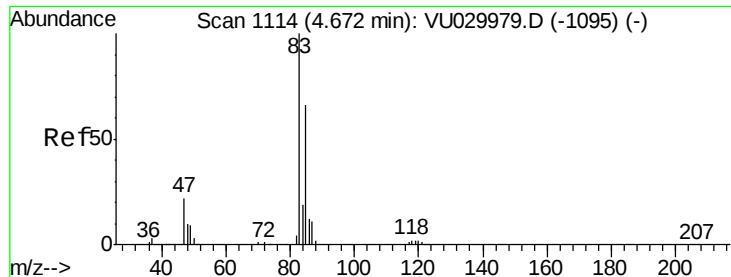
Ion Ratio Lower Upper

84 100

86 61.3 45.2 84.0

49 100.8 73.6 136.6





#25

Chloroform

Concen: 16.035 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VU029987.D

Acq: 11 Mar 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

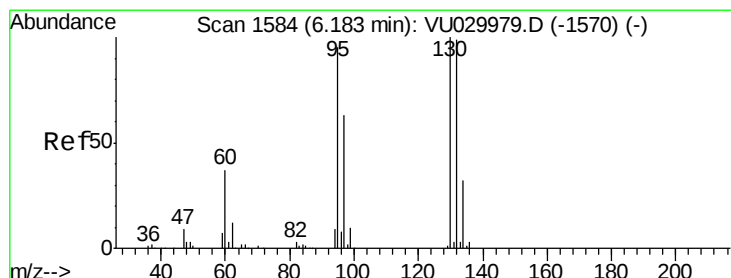
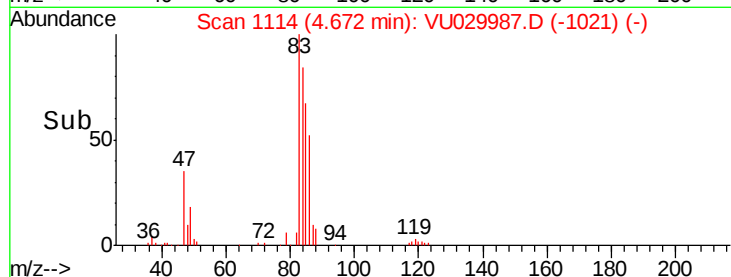
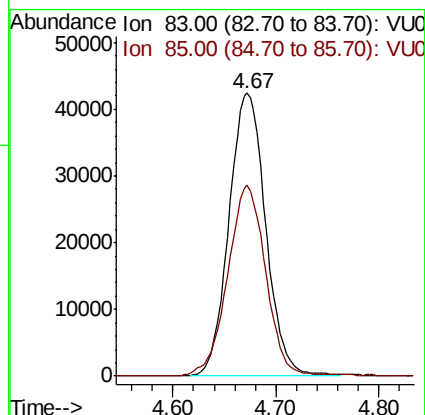
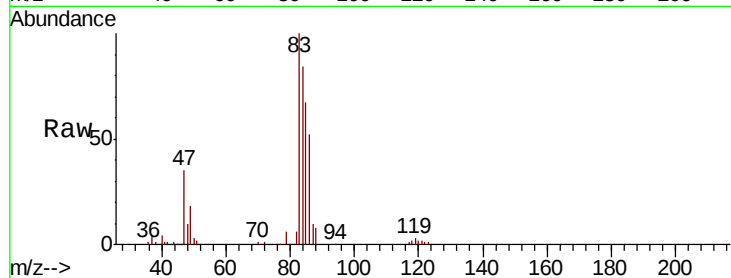
C0961

Tgt Ion: 83 Resp: 105241

Ion Ratio Lower Upper

83 100

85 67.4 44.9 83.5



#34

Trichloroethene

Concen: 31.767 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

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Acq: 11 Mar 2019 23:47

Tgt Ion: 95 Resp: 120175

Ion Ratio Lower Upper

95 100

97 64.4 45.5 84.5

132 105.1 71.5 132.7

130 107.3 73.5 136.5

