

Data File : VU030762.D
Acq On : 05 Apr 2019 23:31
Operator : JC/SP
Sample : K2277-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2Q9

Quant Time: Apr 06 02:23:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	425596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418726	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173166	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159253	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.84%
7) Chloroethane-d5	1.68	69	133243	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.33	63	288	0.04	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.17	46	321181	106.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.67%
24) Chloroform-d	4.64	84	278949	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
26) 1,2-Dichloroethane-d4	5.31	65	201579	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
32) Benzene-d6	5.34	84	561613	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
36) 1,2-Dichloropropane-d6	6.33	67	201541	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.56	98	469302	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.85	79	88413	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.31	63	187735	98.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	280978	49.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	168943	49.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.22%

Target Compounds

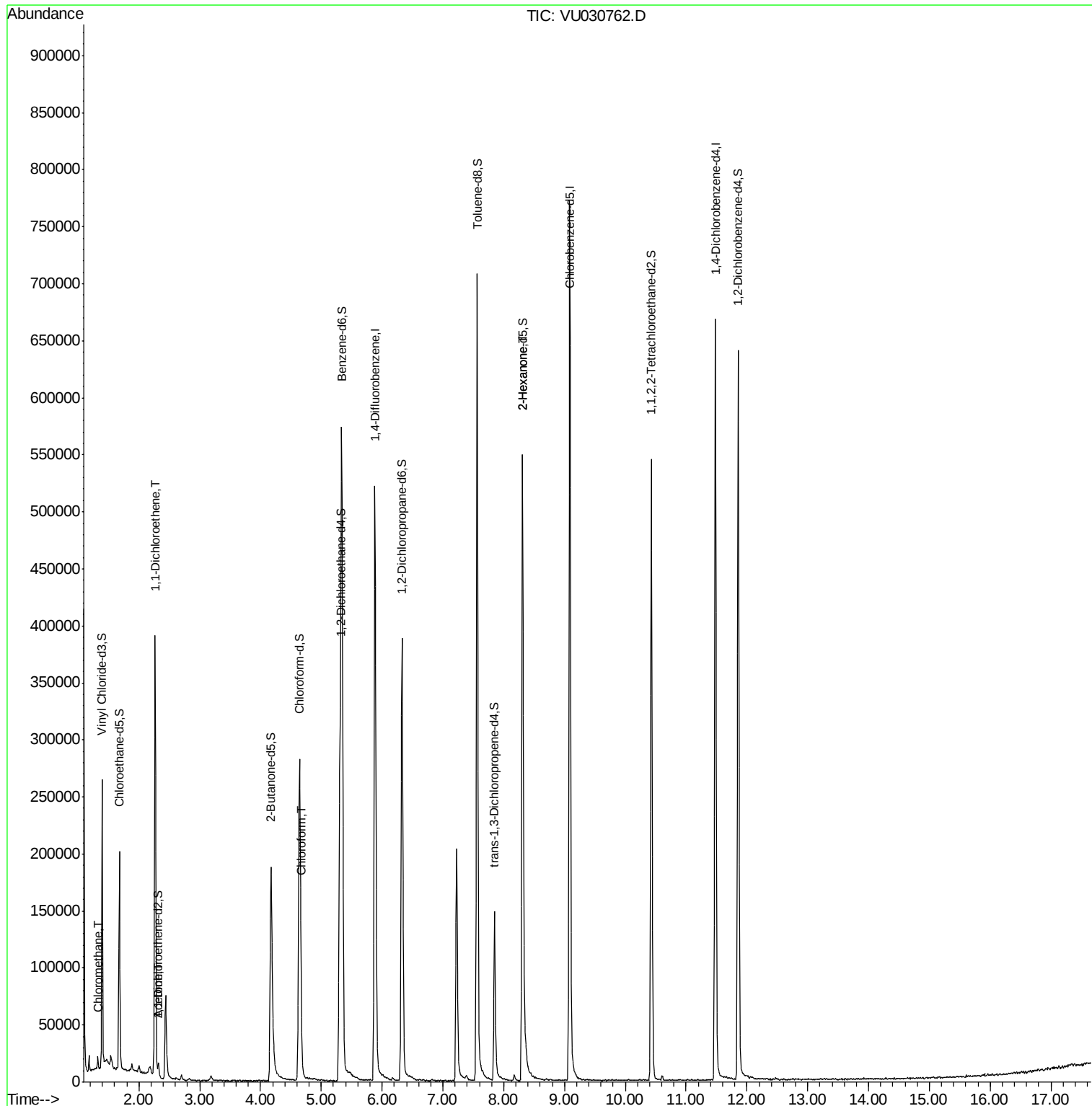
					Qvalue
3) Chloromethane	1.32	50	6317	1.306 ug/L	96
12) 1,1-Dichloroethene	2.26	96	1690	0.574 ug/L #	1
13) Acetone	2.32	43	11125	3.611 ug/L	99
25) Chloroform	4.67	83	13808	2.131 ug/L	96
48) 2-Hexanone	8.31	43	25174	5.171 ug/L #	78

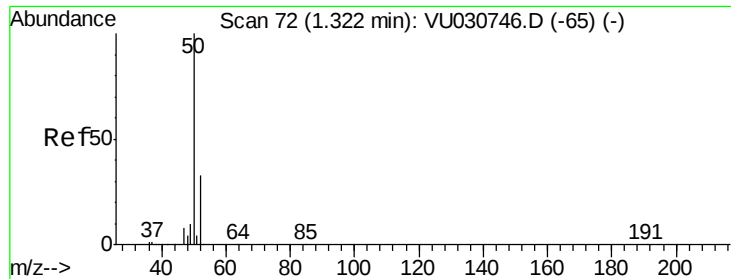
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.306 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 05 Apr 2019 23:31

Instrument :

MSVOA_U

ClientSampleId :

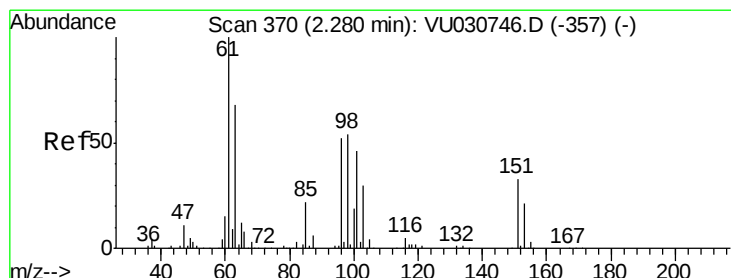
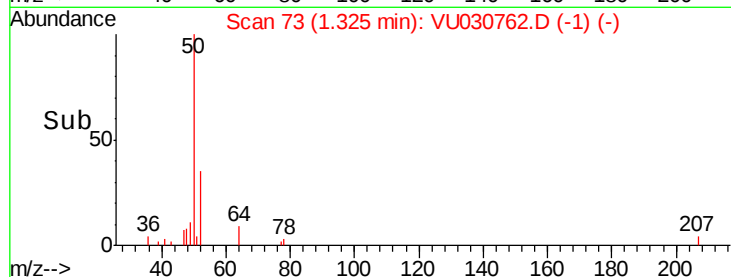
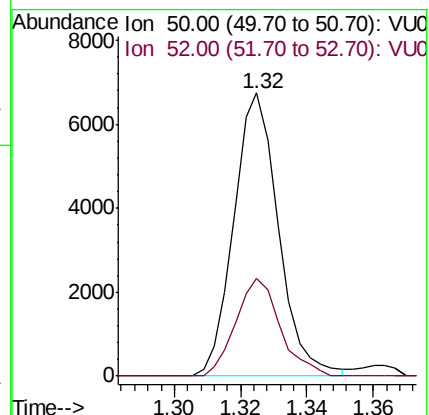
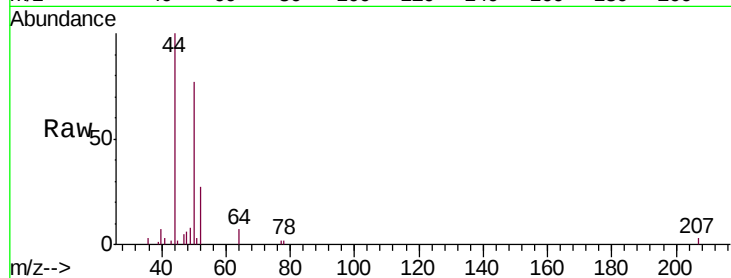
BF2Q9

Tgt Ion: 50 Resp: 6317

Ion Ratio Lower Upper

50 100

52 34.7 22.7 42.1



#12

1,1-Dichloroethene

Concen: 0.574 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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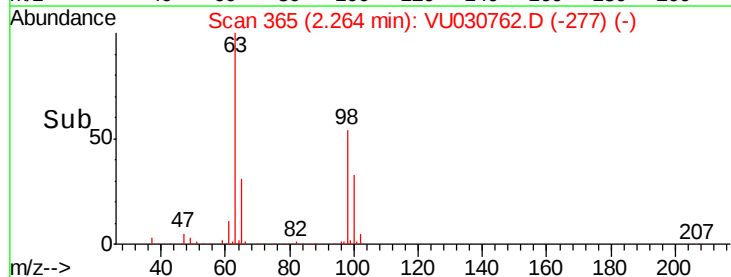
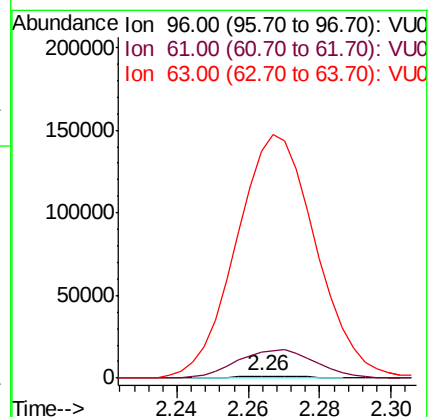
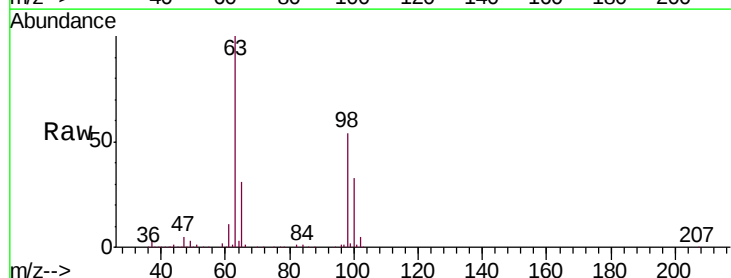
Tgt Ion: 96 Resp: 1690

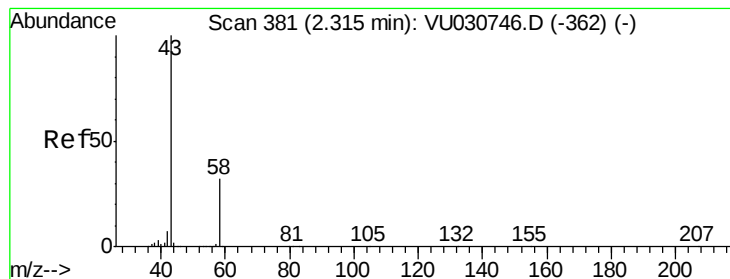
Ion Ratio Lower Upper

96 100

61 1272.2 132.0 245.2#

63 11151.9 90.9 168.9#





#13

Acetone

Concen: 3.611 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

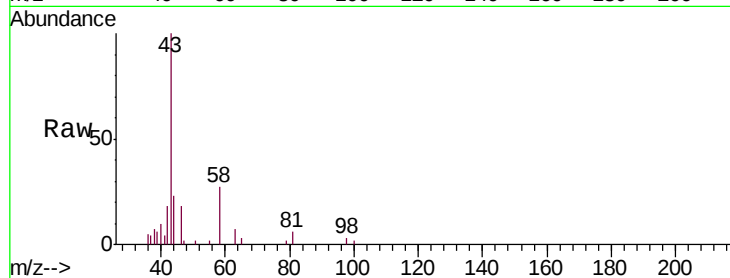
BF2Q9

Tgt Ion: 43 Resp: 11125

Ion Ratio Lower Upper

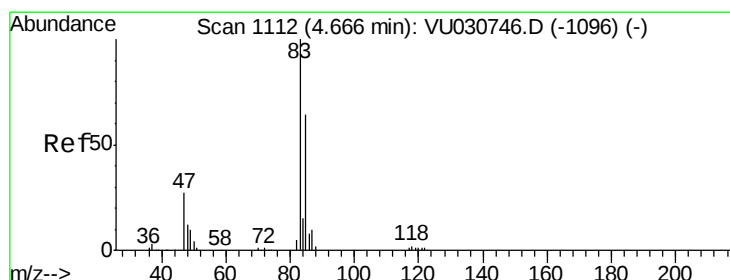
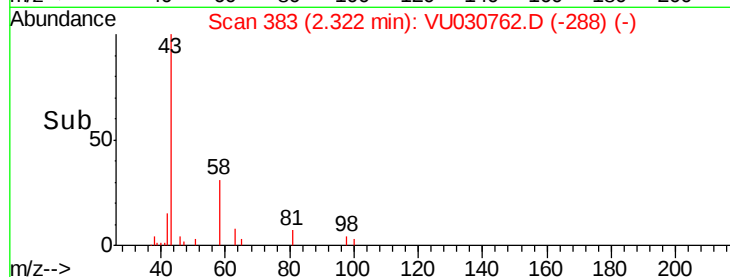
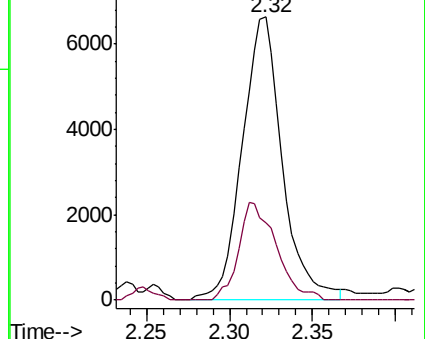
43 100

58 31.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030746.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030746.D (-362) (-)



#25

Chloroform

Concen: 2.131 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030762.D

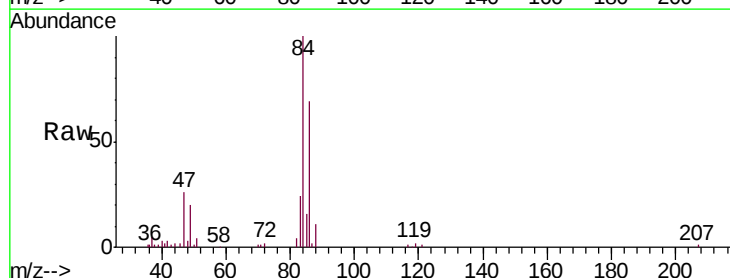
Acq: 05 Apr 2019 23:31

Tgt Ion: 83 Resp: 13808

Ion Ratio Lower Upper

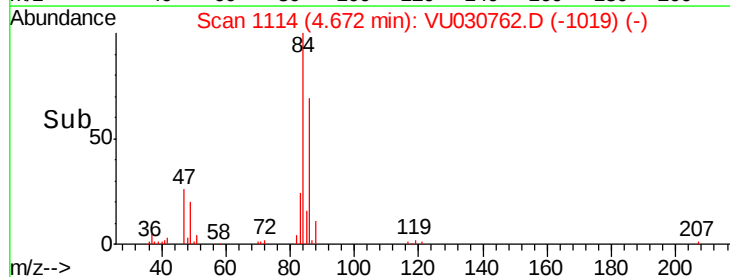
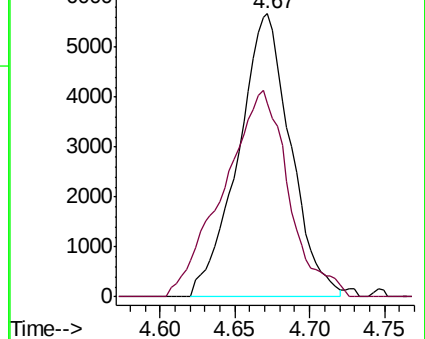
83 100

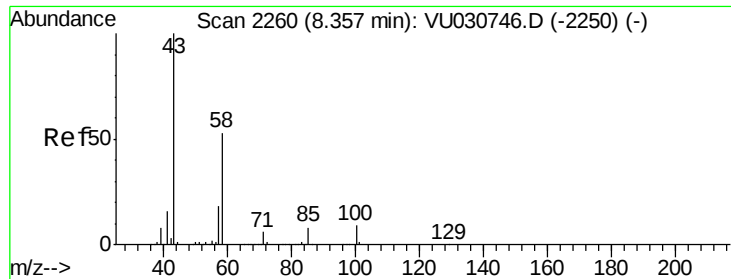
85 68.4 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030746.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU030746.D (-1096) (-)





#48
 2-Hexanone
 Concen: 5.171 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030762.D
 Acq: 05 Apr 2019 23:31

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2Q9

Tgt Ion: 43 Resp: 25174
 Ion Ratio Lower Upper
 43 100
 58 37.0 41.9 62.9#
 57 27.5 14.3 21.5#
 100 0.5 7.1 10.7#

