

Data File : VU030748.D
Acq On : 05 Apr 2019 18:11
Operator : JC/SP
Sample : VU0406WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: Apr 06 02:20:11 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	341056	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	331084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139679	45.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.76%
7) Chloroethane-d5	1.68	69	113679	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	202473	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.54%
21) 2-Butanone-d5	4.17	46	271274	112.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.42%
24) Chloroform-d	4.64	84	221628	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.31	65	165480	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.30%
32) Benzene-d6	5.34	84	491750	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
36) 1,2-Dichloropropane-d6	6.33	67	171468	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.54%
41) Toluene-d8	7.56	98	414096	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloropropene-	7.85	79	76915	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.84%
47) 2-Hexanone-d5	8.31	63	150997	99.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	236803	53.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	144828	52.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.04%

Target Compounds

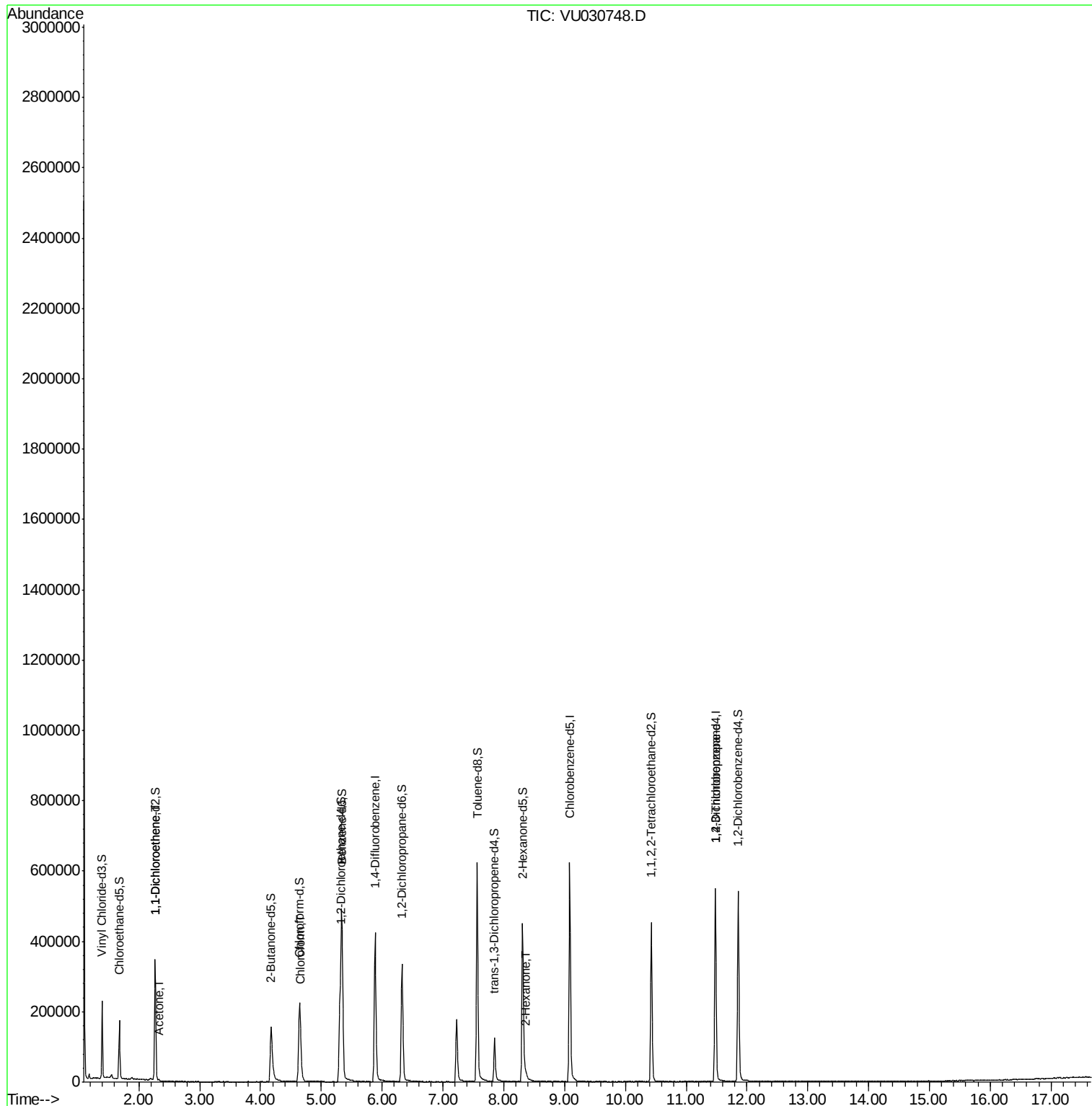
					Qvalue
12) 1,1-Dichloroethene	2.27	96	1454	0.617 ug/L #	1
13) Acetone	2.32	43	1448	0.586 ug/L	72
25) Chloroform	4.67	83	22894	4.409 ug/L	95
48) 2-Hexanone	8.37	43	7673	1.993 ug/L #	49
59) 1,2,3-Trichloropropane	11.48	75	16993	4.625 ug/L	88

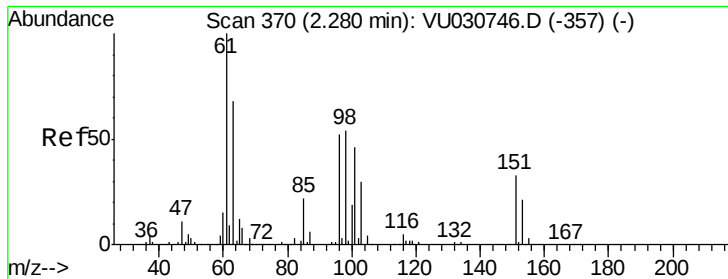
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.617 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK45

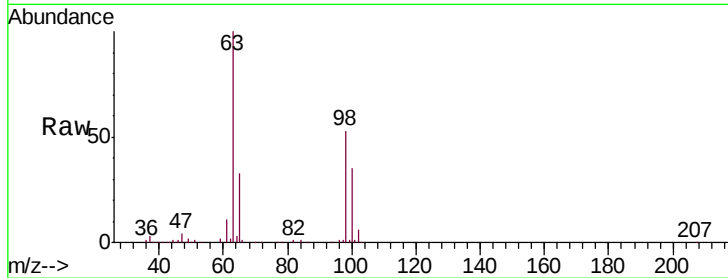
Tgt Ion: 96 Resp: 1454

Ion Ratio Lower Upper

96 100

61 1274.6 132.0 245.2#

63 11312.9 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU030748.D (-367) (-)

Ion 61.00 (60.70 to 61.70): VU030748.D (-367) (-)

Ion 63.00 (62.70 to 63.70): VU030748.D (-367) (-)

150000

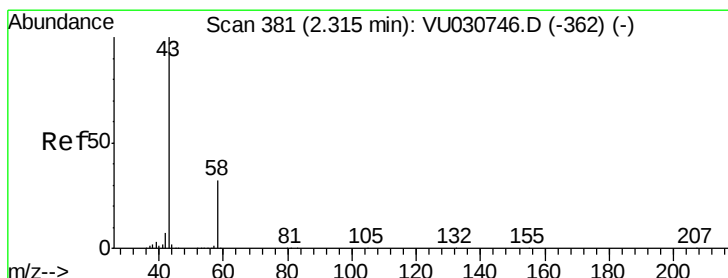
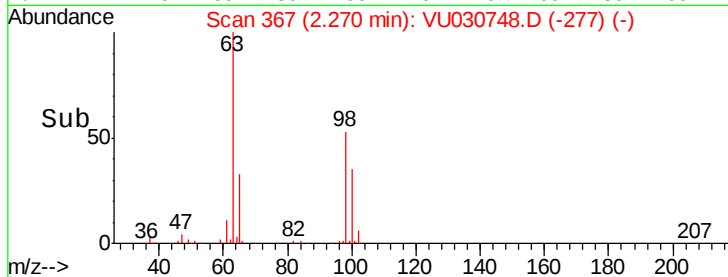
100000

50000

0

2.24 2.26 2.28 2.30

Time-->



#13

Acetone

Concen: 0.586 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030748.D

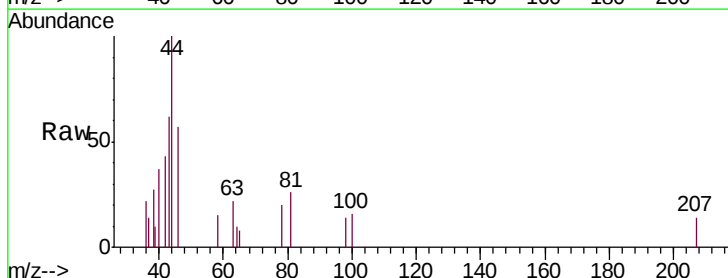
Acq: 05 Apr 2019 18:11

Tgt Ion: 43 Resp: 1448

Ion Ratio Lower Upper

43 100

58 16.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030748.D (-382) (-)

Ion 58.00 (57.70 to 58.70): VU030748.D (-382) (-)

1000

800

600

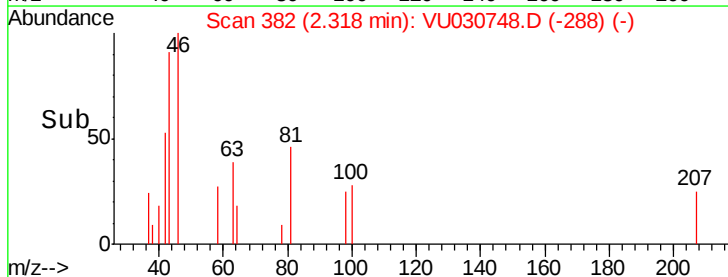
400

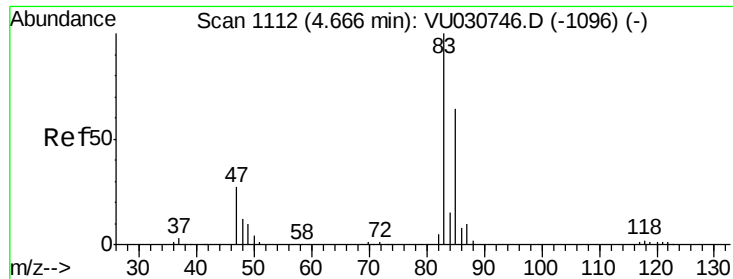
200

0

2.28 2.30 2.32 2.34

Time-->

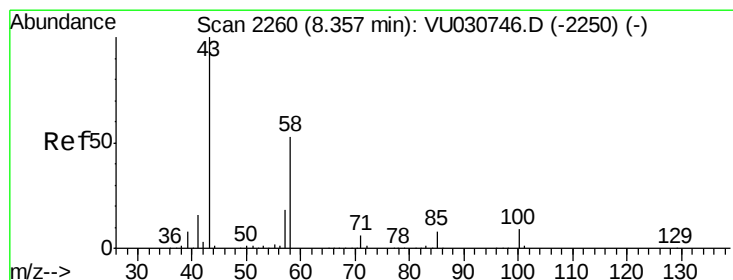
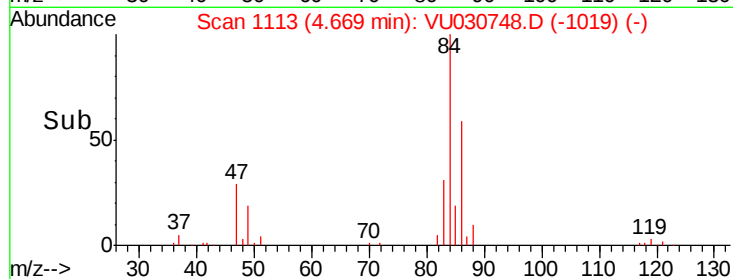
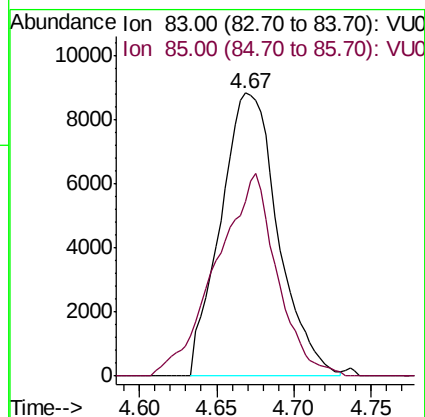
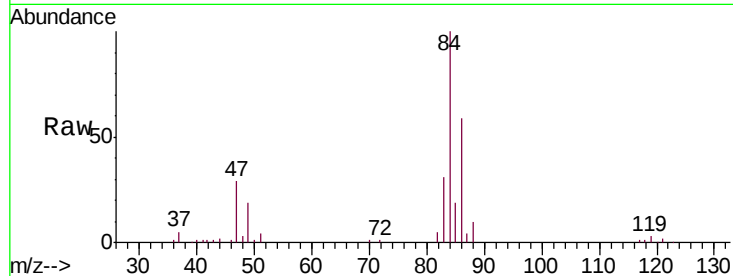




#25
Chloroform
Concen: 4.409 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
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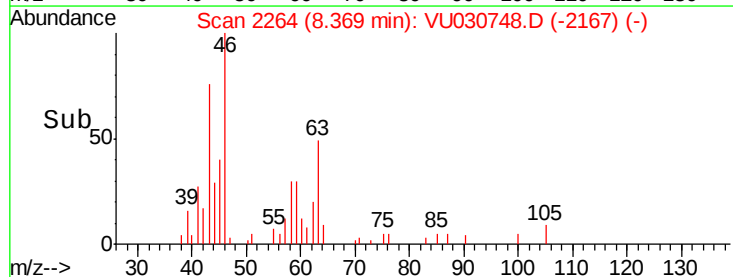
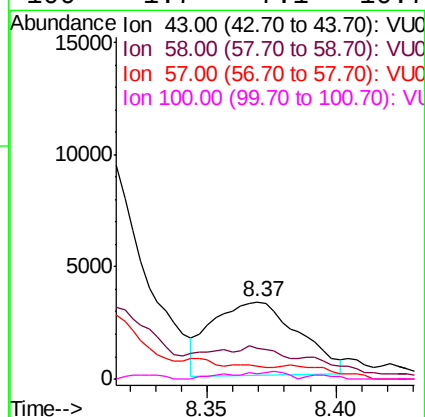
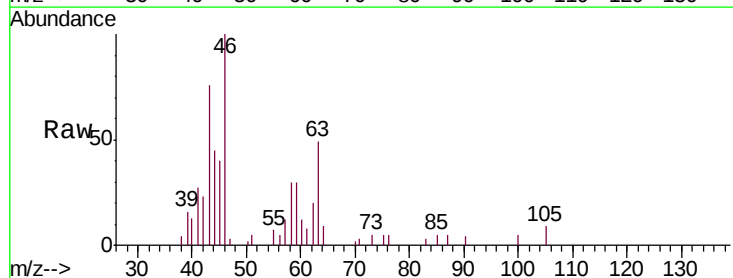
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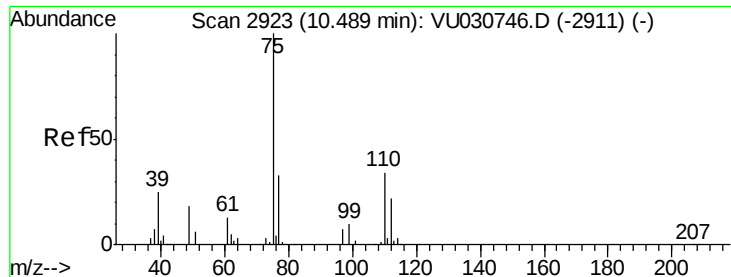
Tgt Ion: 83 Resp: 22894
Ion Ratio Lower Upper
83 100
85 61.7 45.8 85.0



#48
2-Hexanone
Concen: 1.993 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030748.D
Acq: 05 Apr 2019 18:11

Tgt Ion: 43 Resp: 7673
Ion Ratio Lower Upper
43 100
58 5.8 41.9 62.9#
57 8.6 14.3 21.5#
100 1.7 7.1 10.7#





#59
 1,2,3-Trichloropropane
 Concen: 4.625 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030748.D
 Acq: 05 Apr 2019 18:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK45

Tgt Ion: 75 Resp: 16993
 Ion Ratio Lower Upper
 75 100
 77 39.1 26.1 39.1

