

Data File : VU030269.D
Acq On : 21 Mar 2019 16:40
Operator : JC/SP
Sample : VU0321WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Quant Time: Mar 22 05:17:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	514767	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	494637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159872	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.68	69	135174	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.27	63	218655	34.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.86%
21) 2-Butanone-d5	4.17	46	262098	101.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	4.65	84	298338	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	180426	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
32) Benzene-d6	5.34	84	646617	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.33	67	205611	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.96%
41) Toluene-d8	7.56	98	585323	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	7.85	79	92836	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.54%
47) 2-Hexanone-d5	8.31	63	211912	101.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308603	49.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	239070	50.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.56%

Target Compounds

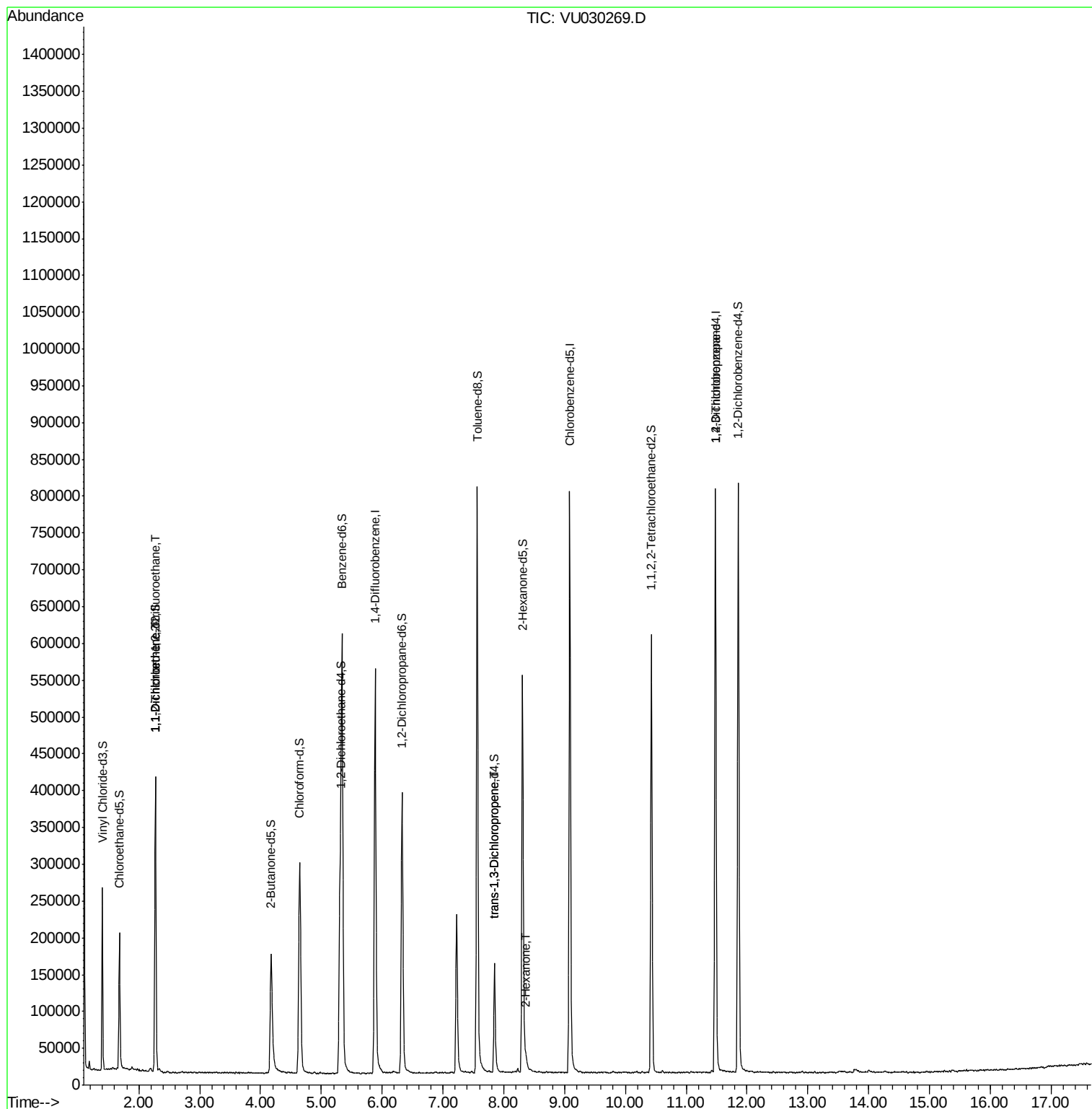
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2390	0.691 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	1996	0.581 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	4189	0.826 ug/L	92
48) 2-Hexanone	8.37	43	7071	1.696 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	25656	5.194 ug/L	98

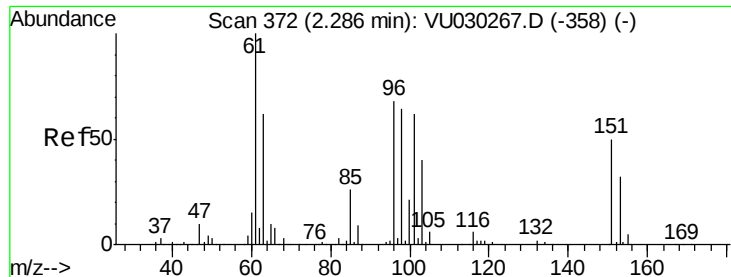
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.691 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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ClientSampleId :

VBLK47

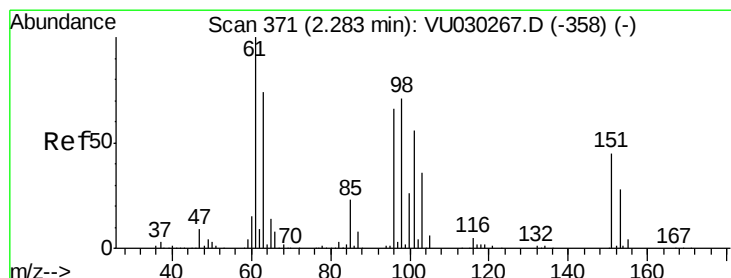
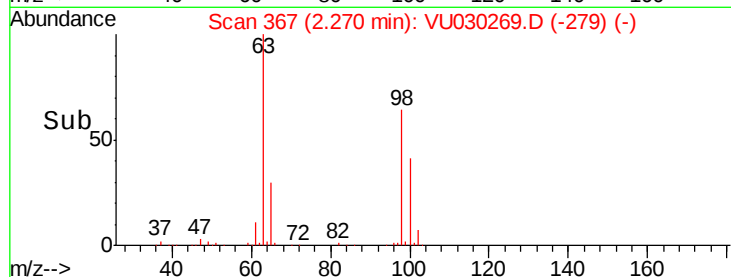
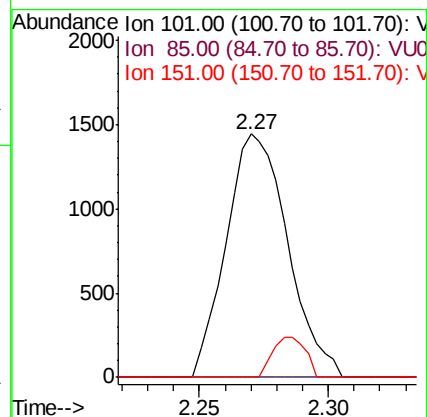
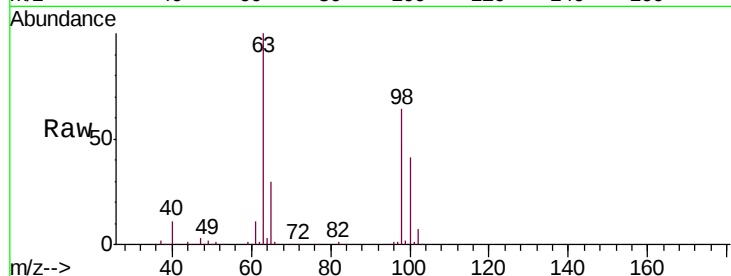
Tgt Ion: 101 Resp: 2390

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 8.9 64.7 97.1#



#12

1,1-Dichloroethene

Concen: 0.581 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030269.D

Acq: 21 Mar 2019 16:40

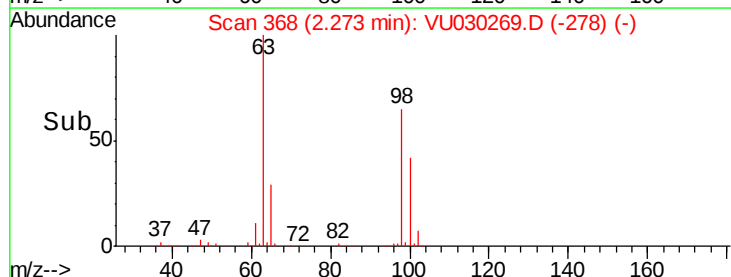
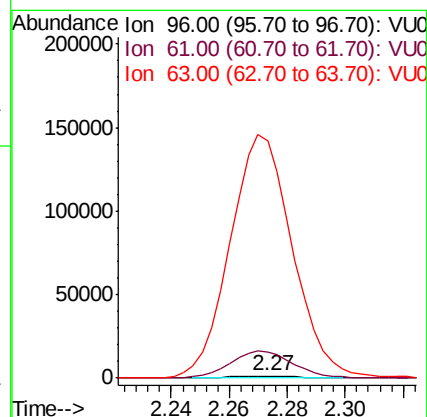
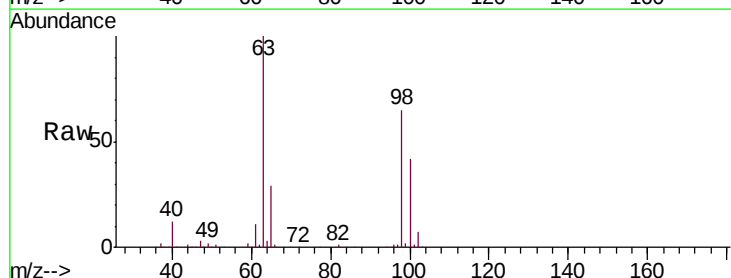
Tgt Ion: 96 Resp: 1996

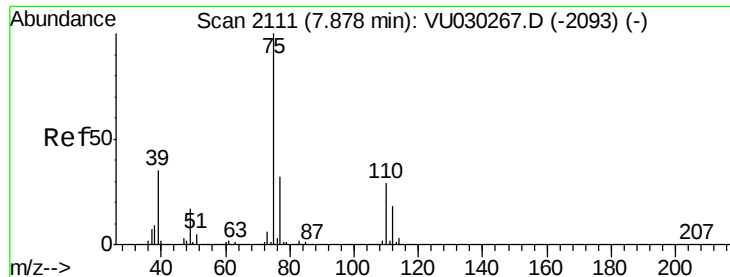
Ion Ratio Lower Upper

96 100

61 1216.7 104.6 194.2#

63 11051.8 77.2 143.4#





#44

trans-1,3-Dichloropropene

Concen: 0.826 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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ClientSampleId :

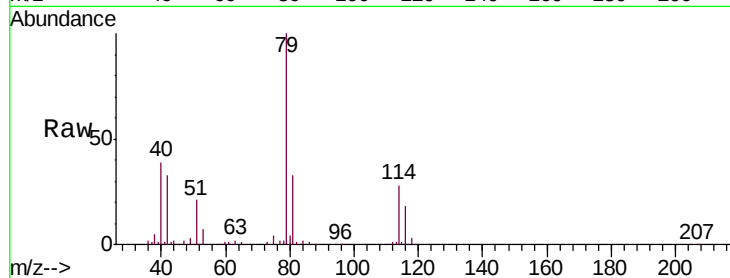
VBLK47

Tgt Ion: 75 Resp: 4189

Ion Ratio Lower Upper

75 100

77 36.7 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU030267.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030267.D (-2093) (-)

7.85

2000

1500

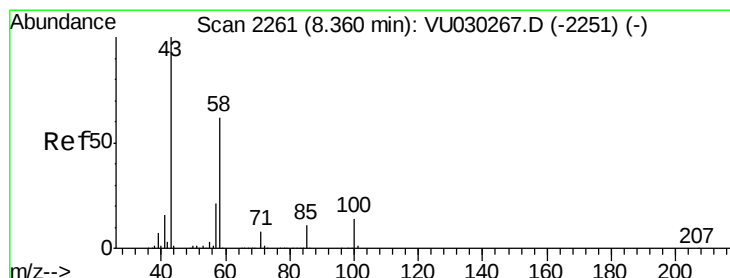
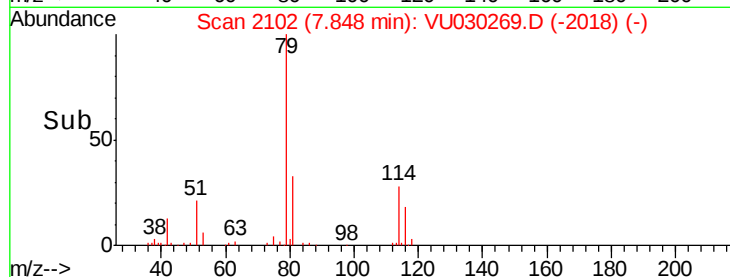
1000

500

0

7.80 7.85 7.90

Time-->



#48

2-Hexanone

Concen: 1.696 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 7071

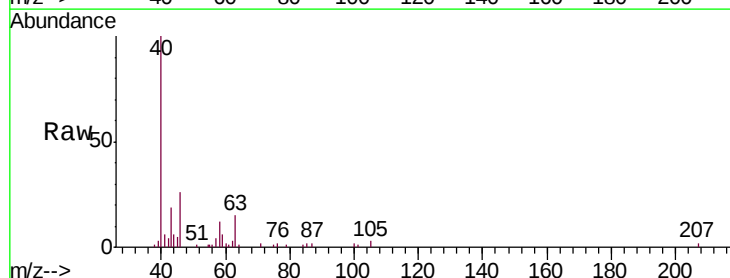
Ion Ratio Lower Upper

43 100

58 41.5 49.3 73.9#

57 8.8 17.0 25.4#

100 6.9 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VU030267.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU030267.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU030267.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU030267.D (-2251) (-)

15000

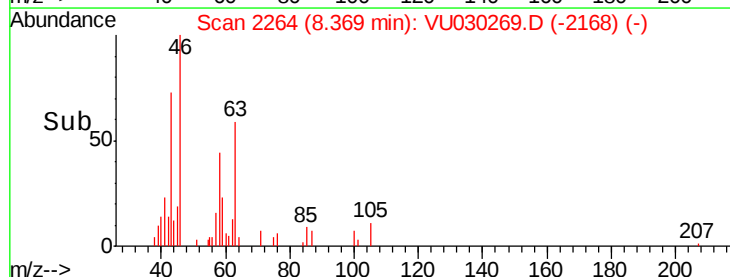
10000

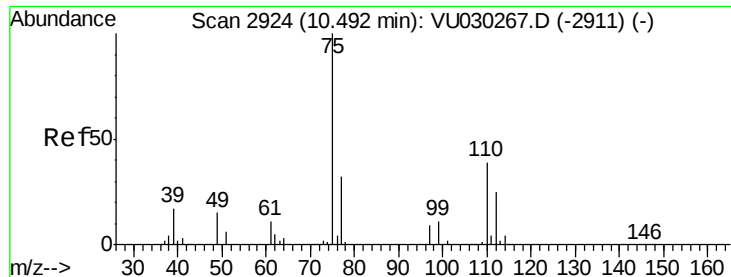
5000

0

8.35 8.37 8.40

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.194 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030269.D

Acq: 21 Mar 2019 16:40

Instrument :

MSVOA_U

ClientSampleId :

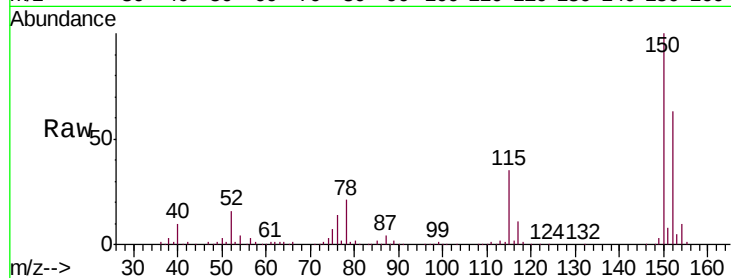
VBLK47

Tgt Ion: 75 Resp: 25656

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

