

Data File : VU032036.D
Acq On : 15 May 2019 16:56
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: May 16 04:30:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1035900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1044123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	402475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	347765	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.52%
7) Chloroethane-d5	1.67	69	304746	41.41	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.82%
11) 1,1-Dichloroethene-d2	2.34	63	427	0.03	ug/L	0.08
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.17	46	621908	97.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	4.64	84	653492	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
26) 1,2-Dichloroethane-d4	5.30	65	429918	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
32) Benzene-d6	5.33	84	1398238	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
36) 1,2-Dichloropropane-d6	6.32	67	463987	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.56	98	1198595	44.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.52%
43) trans-1,3-Dichloropropene-	7.85	79	188462	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.31	63	390515	96.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	654730	44.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	411329	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

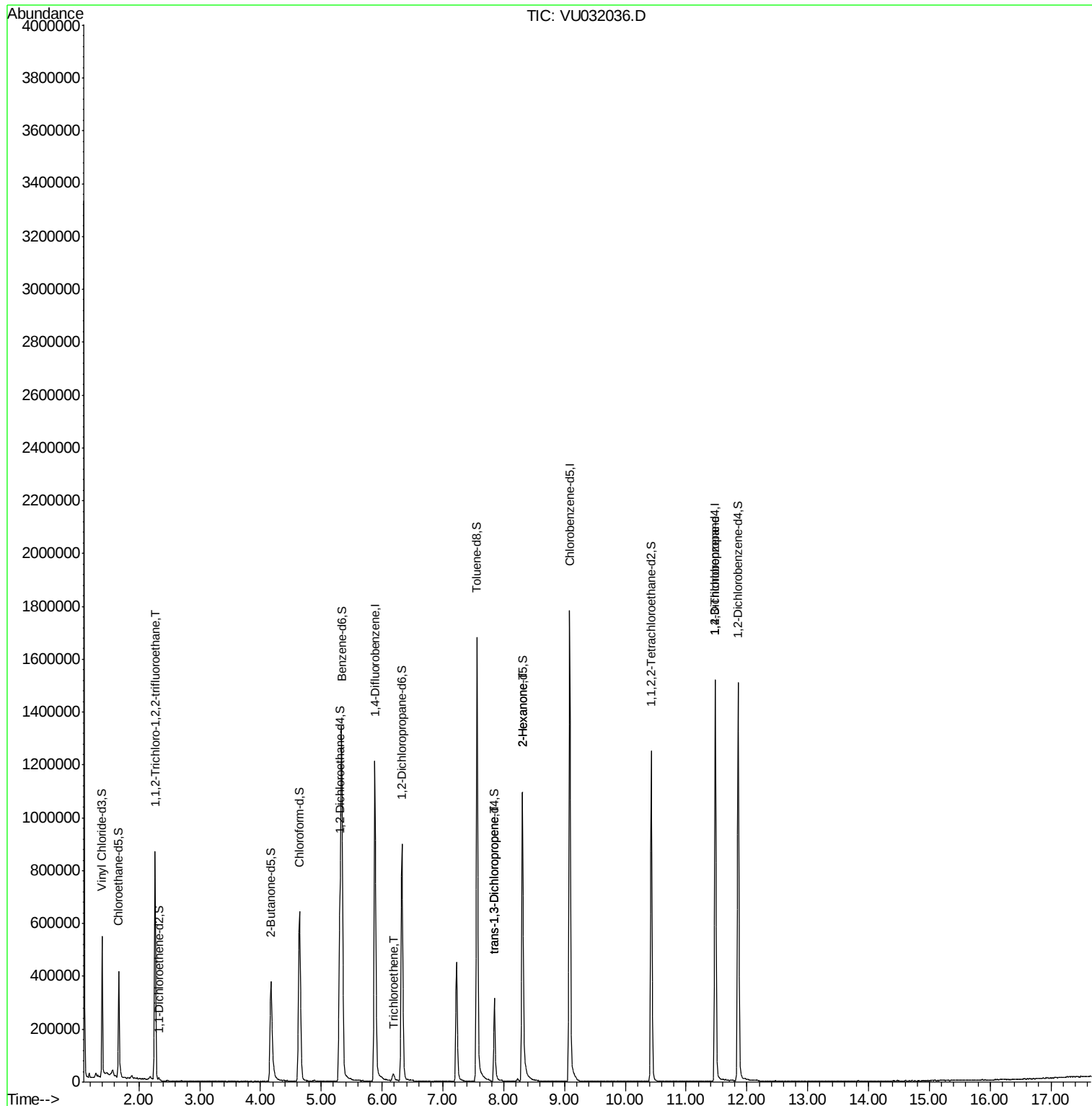
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4826	0.626 ug/L #	22
34) Trichloroethene	6.19	95	6742	0.796 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6836	0.597 ug/L	83
48) 2-Hexanone	8.31	43	45780	4.526 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	51241	4.276 ug/L	95

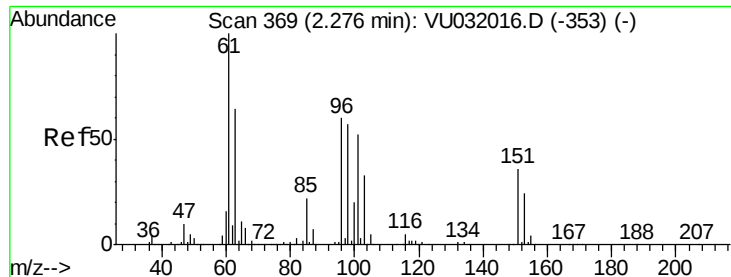
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.626 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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VIBLK40

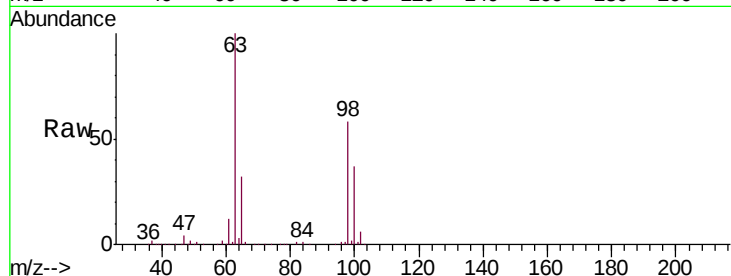
Tgt Ion:101 Resp: 4826

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

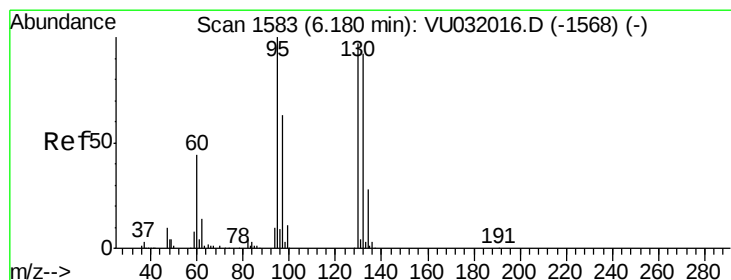
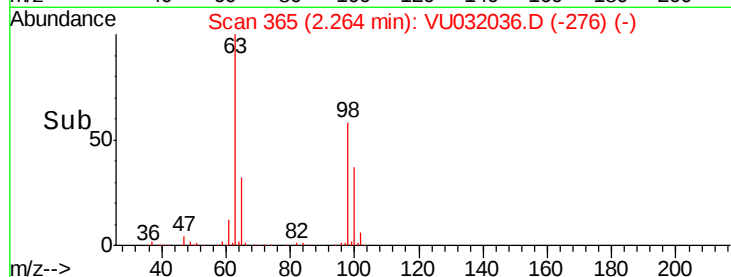
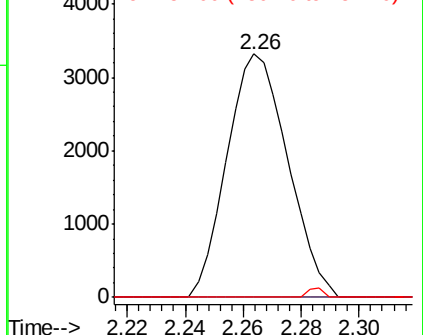
151 1.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 0.796 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 6742

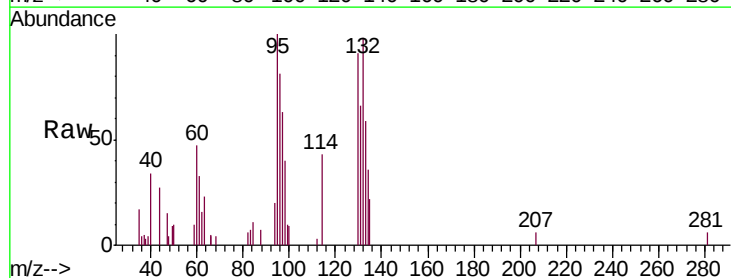
Ion Ratio Lower Upper

95 100

97 62.5 44.9 83.3

132 97.8 63.5 117.9

130 90.7 66.2 123.0

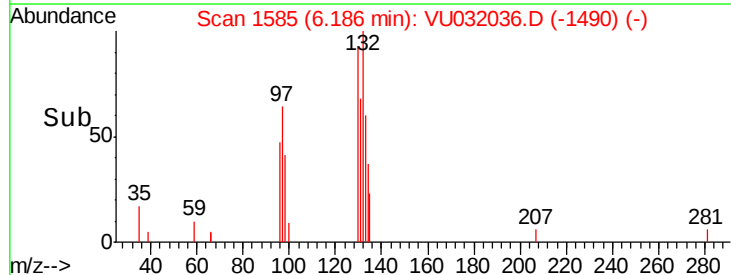
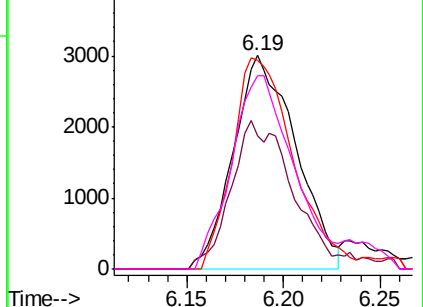


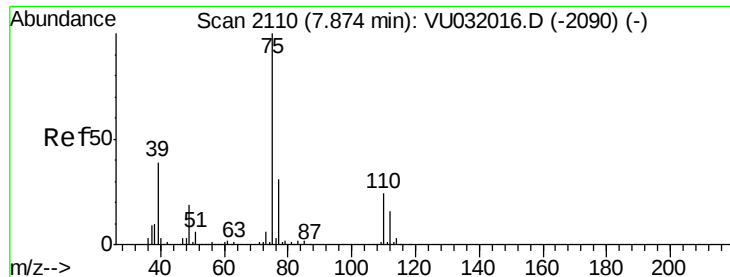
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.597 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

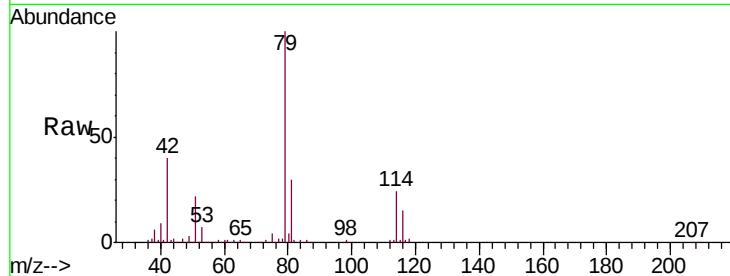
VIBLK40

Tgt Ion: 75 Resp: 6836

Ion Ratio Lower Upper

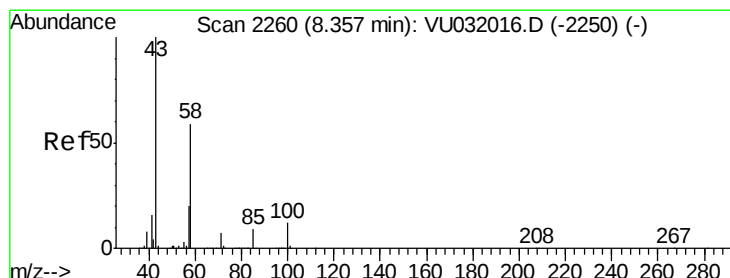
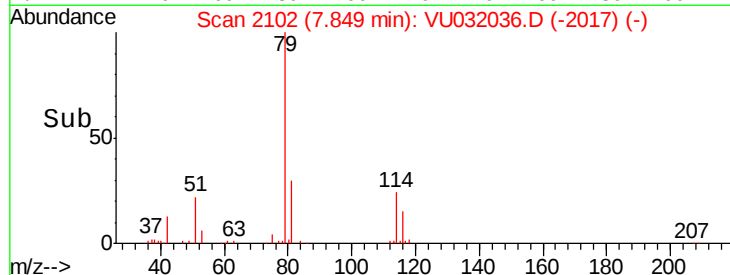
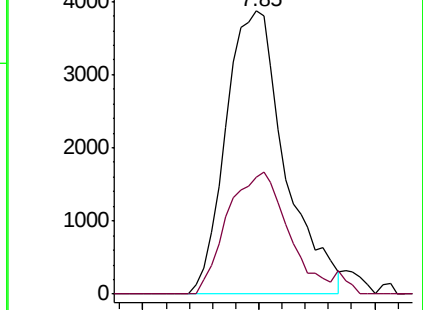
75 100

77 41.5 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU032016.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032016.D (-2090) (-)



#48

2-Hexanone

Concen: 4.526 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU032036.D

Acq: 15 May 2019 16:56

Tgt Ion: 43 Resp: 45780

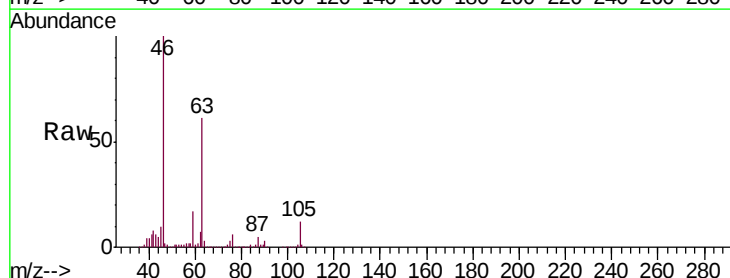
Ion Ratio Lower Upper

43 100

58 34.2 47.8 71.6#

57 31.1 16.0 24.0#

100 1.2 9.6 14.4#

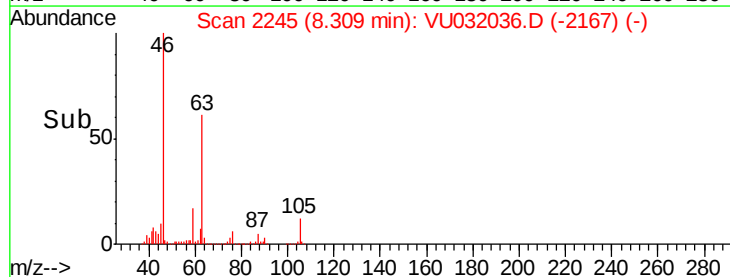
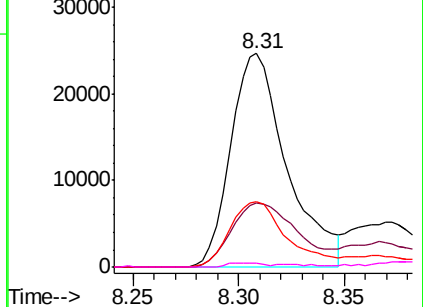


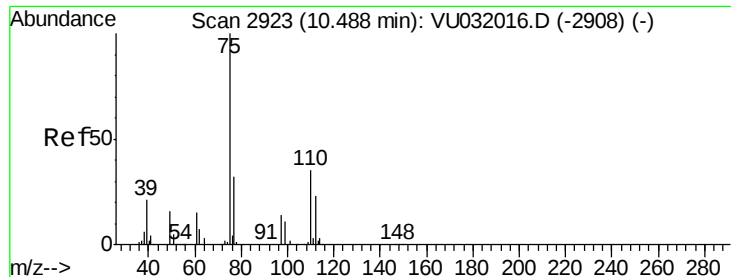
Abundance Ion 43.00 (42.70 to 43.70): VU032016.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU032016.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU032016.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU032016.D (-2250) (-)





#59

1,2,3-Trichloropropane

Concen: 4.276 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032036.D

Acq: 15 May 2019 16:56

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 51241

Ion Ratio Lower Upper

75 100

77 34.8 25.7 38.5

