

Data File : VU035565.D
Acq On : 30 Oct 2019 17:05
Operator : JC/SP
Sample : VU1031WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK52

Quant Time: Oct 31 00:44:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	697930	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	675560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	208079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	278052	49.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.66%
7) Chloroethane-d5	1.93	69	231629	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.90%
11) 1,1-Dichloroethene-d2	2.59	63	332345	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.82%
21) 2-Butanone-d5	4.69	46	357464	108.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	5.11	84	428537	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	5.75	65	273352	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.77	84	920880	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
36) 1,2-Dichloropropane-d6	6.74	67	299320	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.84%
41) Toluene-d8	7.93	98	829380	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	8.22	79	130938	49.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.56%
47) 2-Hexanone-d5	8.68	63	229646	104.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	395594	48.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.42%
64) 1,2-Dichlorobenzene-d4	12.22	152	224746	53.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.10%

Target Compounds

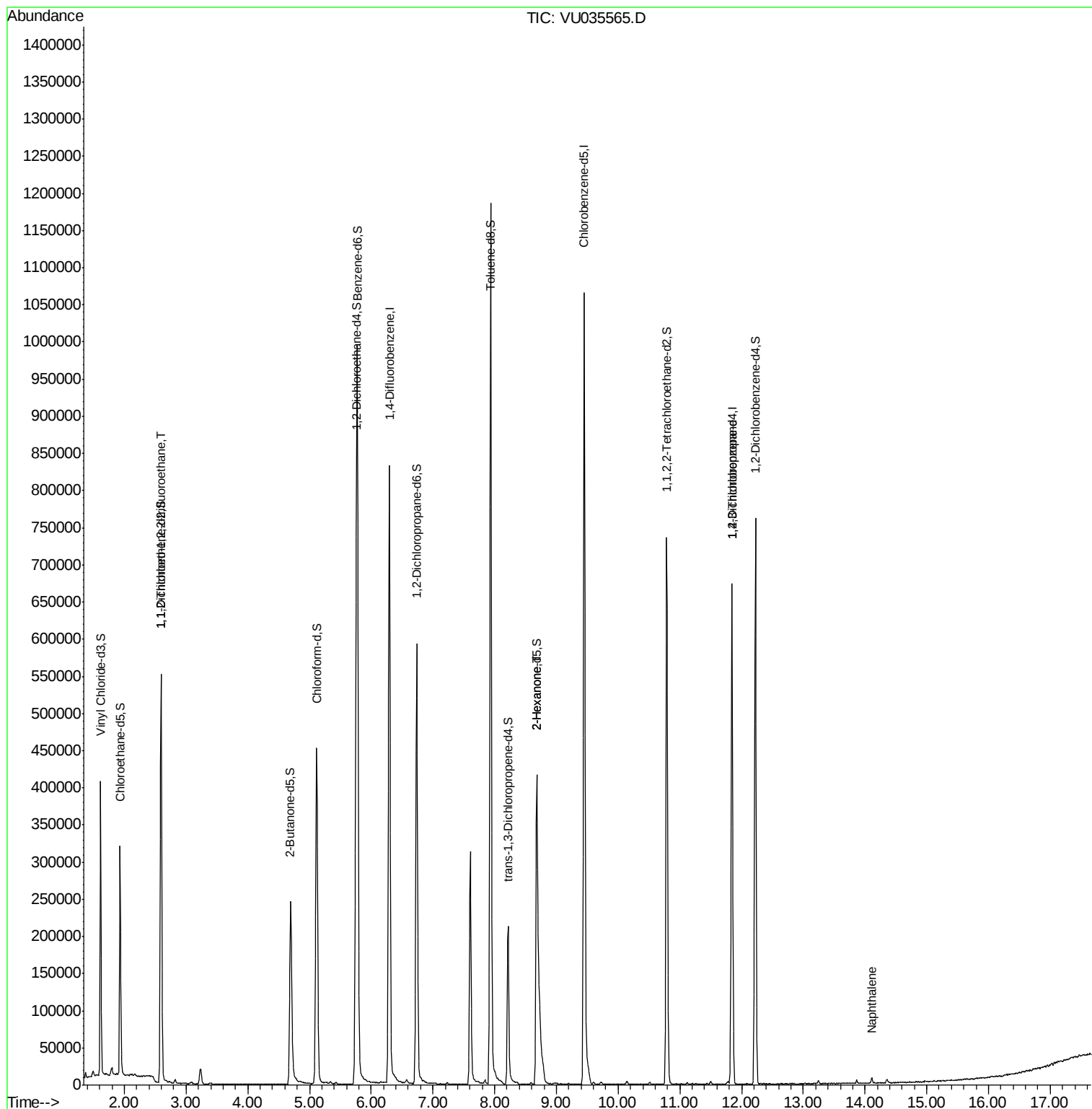
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3861	0.890 ug/L #	25
48) 2-Hexanone	8.68	43	18601	3.363 ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	23445	3.536 ug/L	96
69) Naphthalene	14.11	128	5669	0.870 ug/L #	93

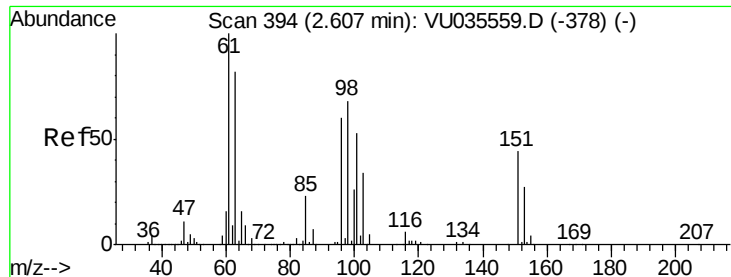
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.890 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK52

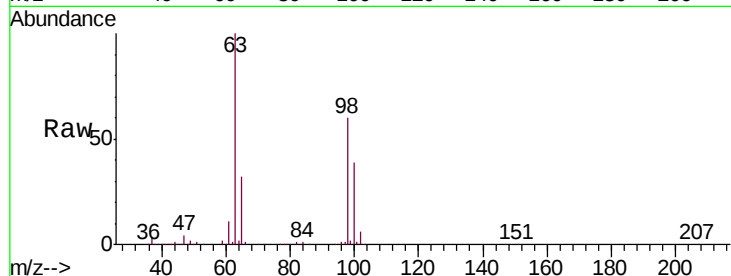
Tgt Ion: 101 Resp: 3861

Ion Ratio Lower Upper

101 100

85 5.1 34.0 51.0#

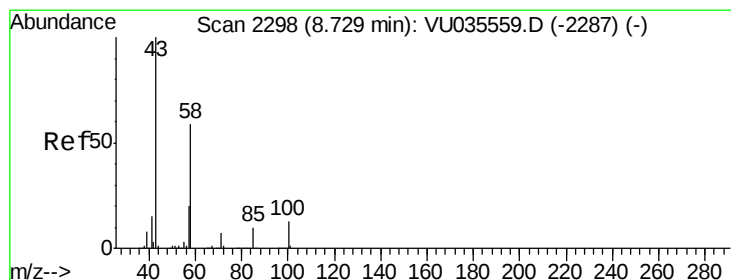
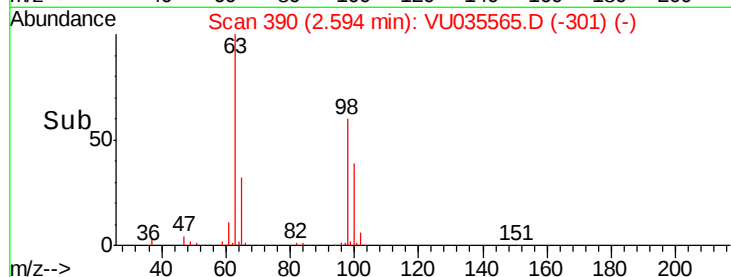
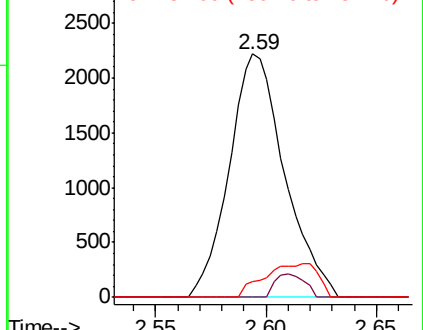
151 7.0 64.2 96.4#



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



#48

2-Hexanone

Concen: 3.363 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 18601

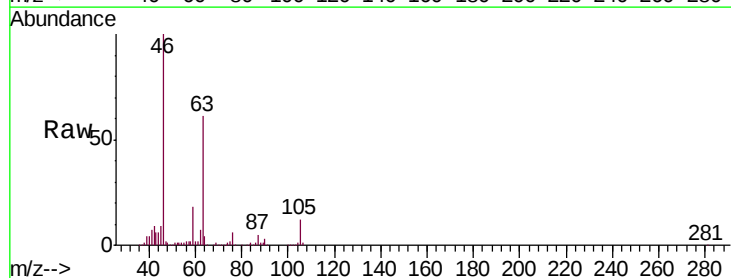
Ion Ratio Lower Upper

43 100

58 33.9 50.4 75.6#

57 35.8 17.4 26.0#

100 0.9 10.5 15.7#

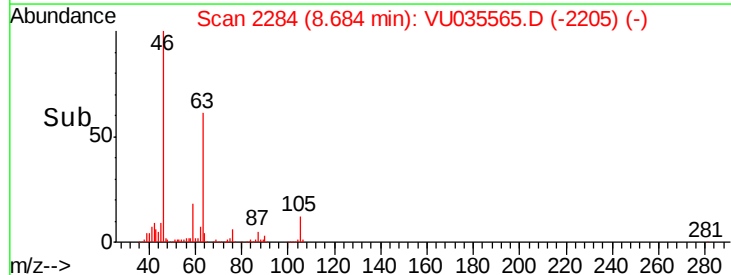
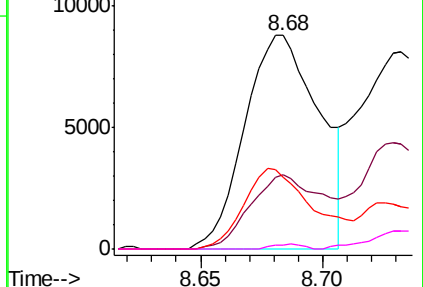


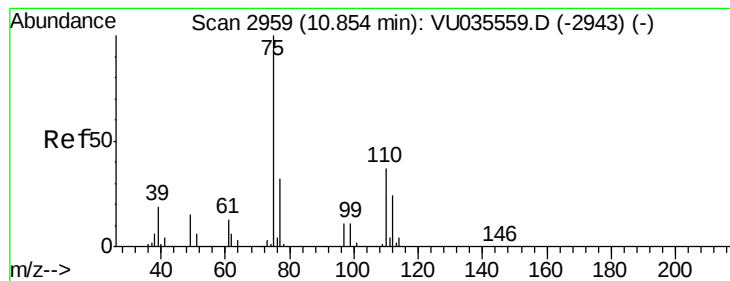
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 3.536 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

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Instrument :

MSVOA_U

ClientSampled :

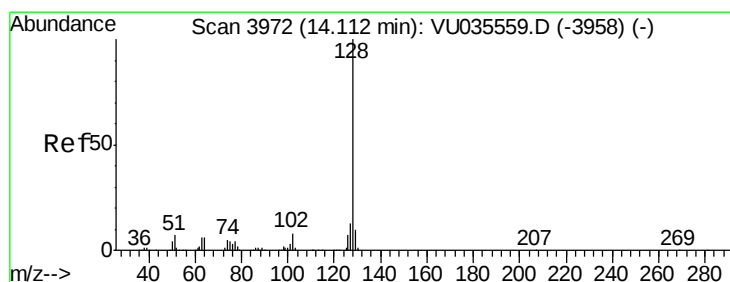
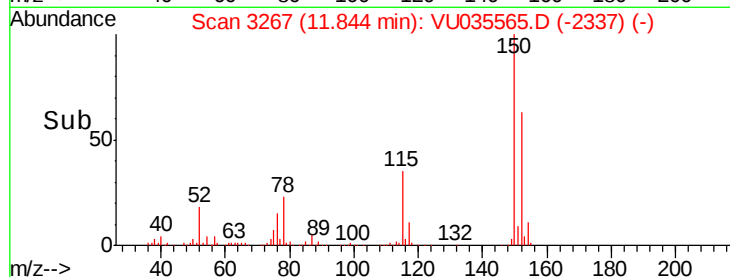
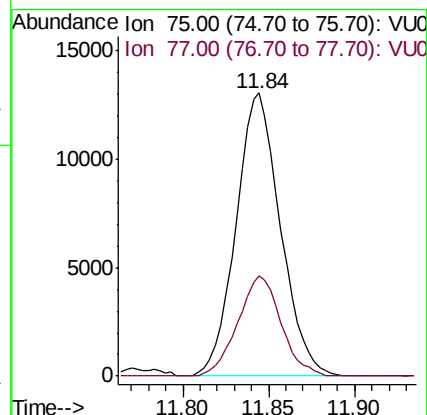
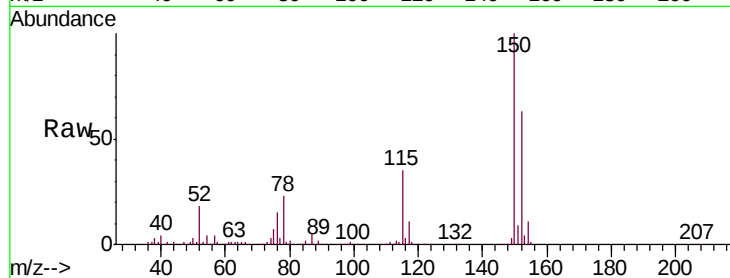
VBLK52

Tgt Ion: 75 Resp: 23445

Ion Ratio Lower Upper

75 100

77 34.4 25.7 38.5



#69

Naphthalene

Concen: 0.870 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VU035565.D

Acq: 30 Oct 2019 17:05

Tgt Ion: 128 Resp: 5669

Ion Ratio Lower Upper

128 100

127 11.4 10.7 16.1

129 7.2 8.5 12.7#

