

Data File : VU031654.D
Acq On : 30 Apr 2019 23:52
Operator : JC/SP
Sample : VU0430MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK50

Quant Time: May 01 04:45:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	672719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	629146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	241116	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.66%
7) Chloroethane-d5	1.68	69	192756	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	391157	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	4.18	46	569321	111.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.61%
24) Chloroform-d	4.64	84	509365	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	366463	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.80%
32) Benzene-d6	5.33	84	973674	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.32	67	361281	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.30%
41) Toluene-d8	7.56	98	760363	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
43) trans-1,3-Dichloropropene-	7.85	79	137310	47.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.12%
47) 2-Hexanone-d5	8.31	63	307468	104.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	469590	51.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	235241	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%

Target Compounds

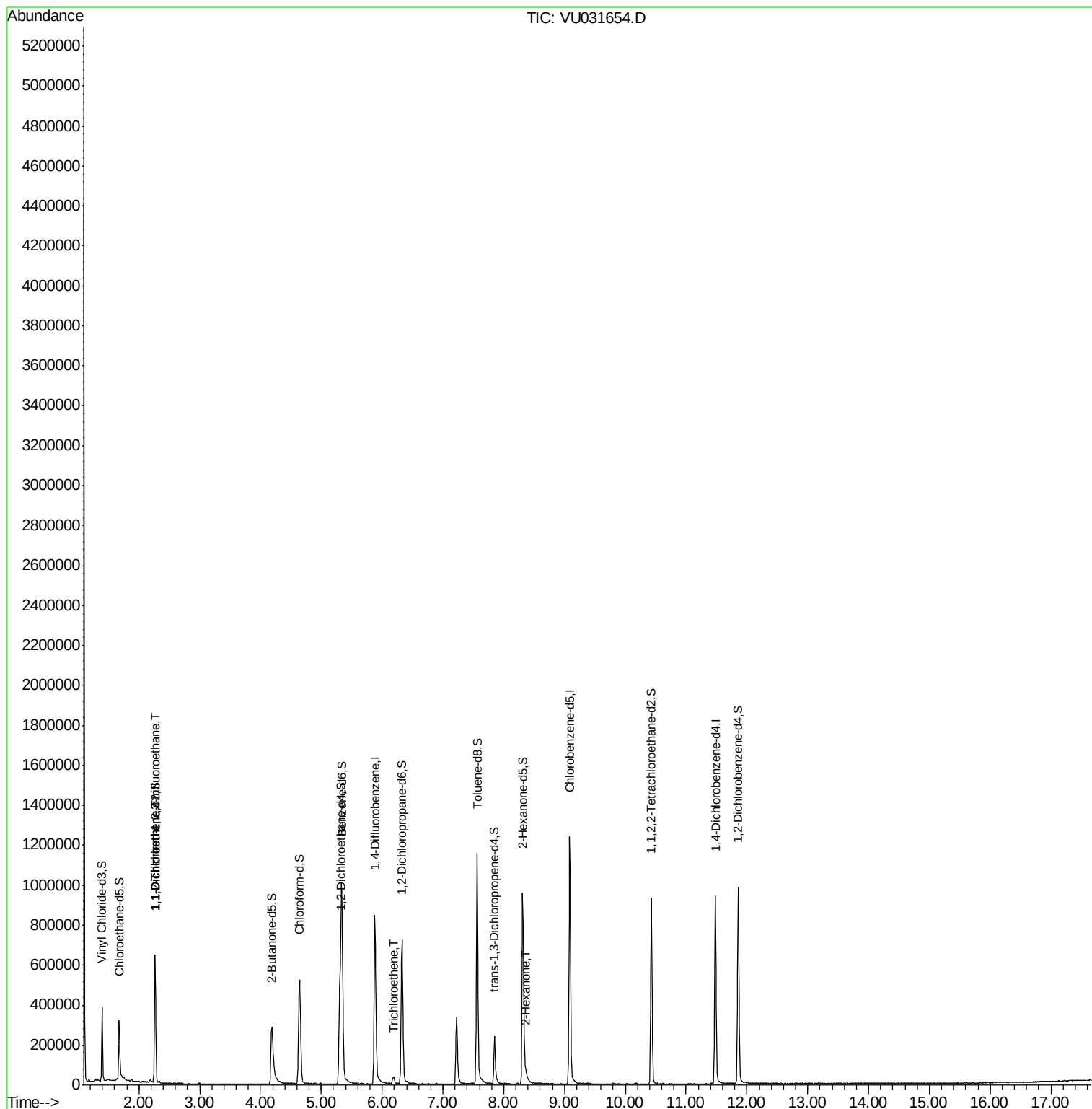
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3069	0.569	ug/L #	26
12) 1,1-Dichloroethene	2.27	96	3475	0.662	ug/L #	1
34) Trichloroethene	6.19	95	9468	1.689	ug/L	90
48) 2-Hexanone	8.37	43	29406	3.599	ug/L #	39

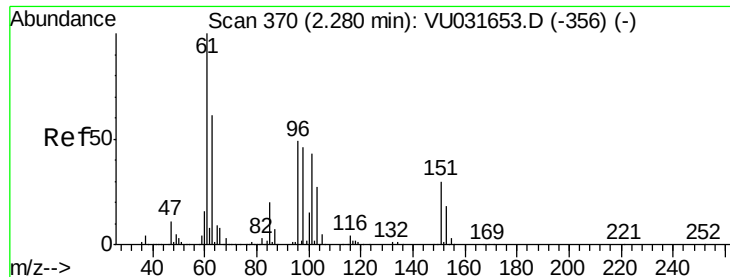
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.569 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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ClientSampleId :

VBLK50

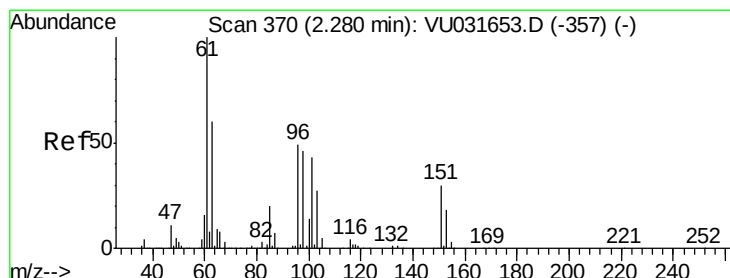
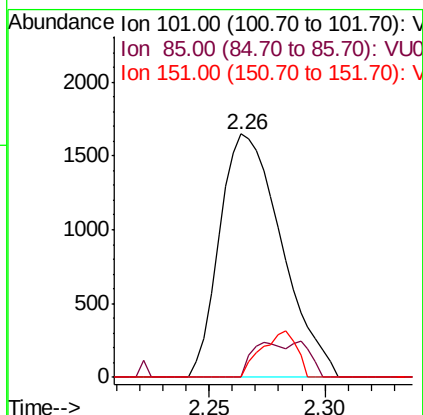
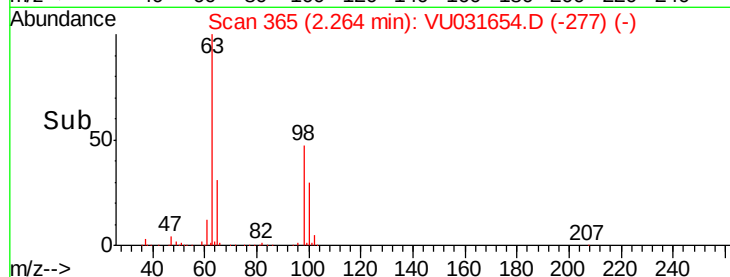
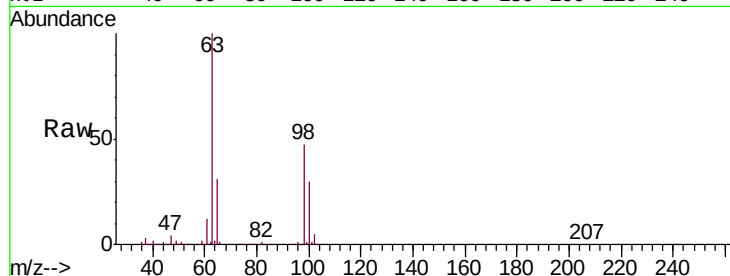
Tgt Ion: 101 Resp: 3069

Ion Ratio Lower Upper

101 100

85 7.7 36.1 54.1#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.662 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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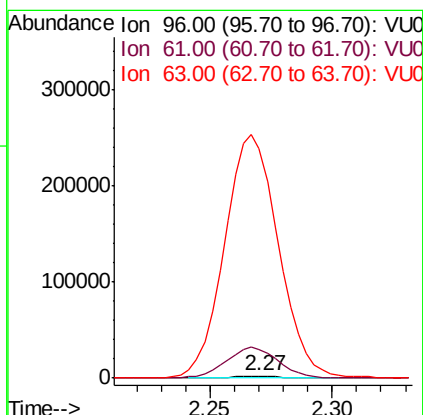
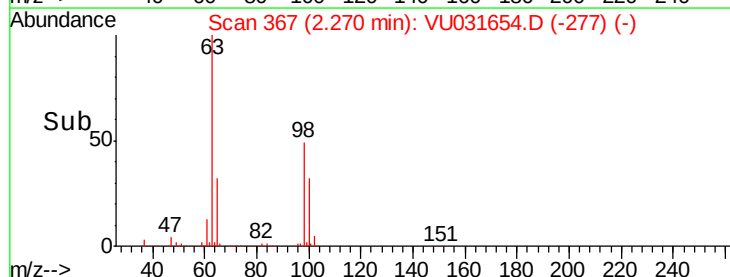
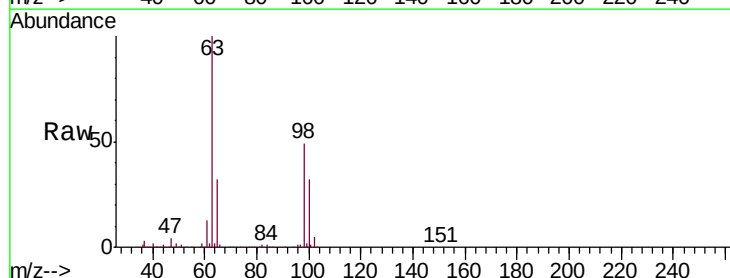
Tgt Ion: 96 Resp: 3475

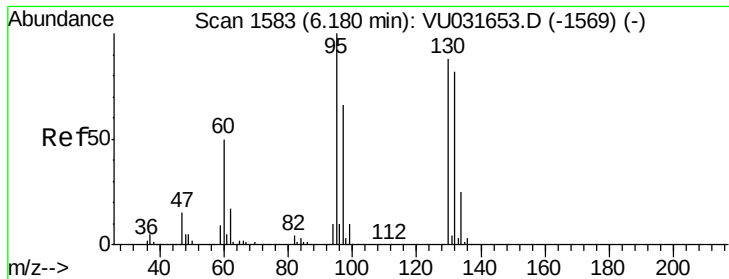
Ion Ratio Lower Upper

96 100

61 1325.7 135.0 250.6#

63 10485.5 103.5 192.3#





#34

Trichloroethene

Concen: 1.689 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK50

Tgt Ion: 95 Resp: 9468

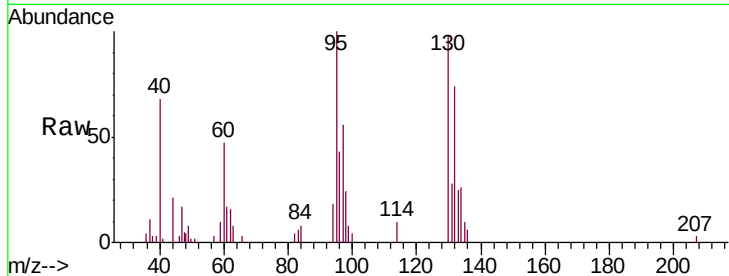
Ion Ratio Lower Upper

95 100

97 56.1 44.8 83.2

132 73.8 63.1 117.1

130 97.7 66.5 123.5

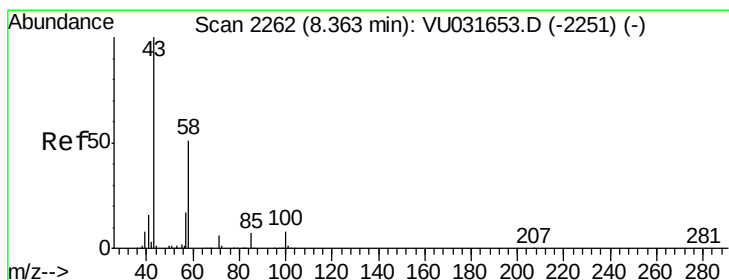
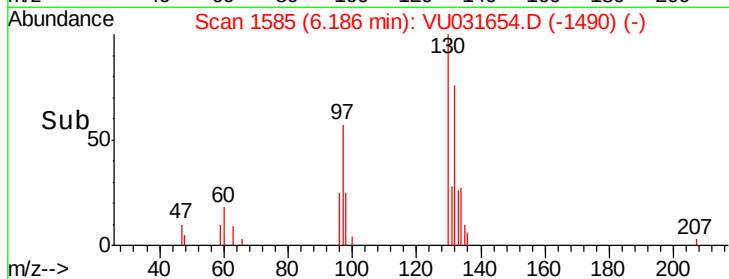
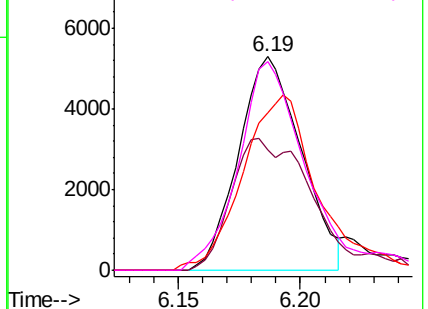


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#48

2-Hexanone

Concen: 3.599 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 29406

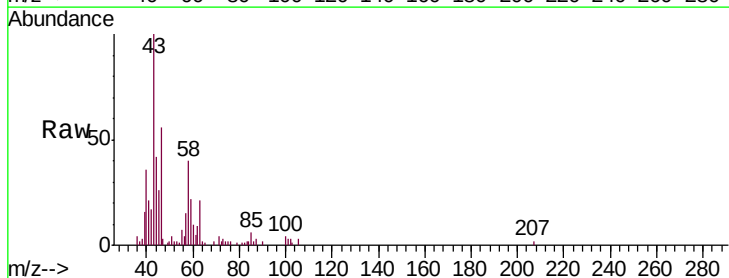
Ion Ratio Lower Upper

43 100

58 0.0 42.1 63.1#

57 0.0 14.6 22.0#

100 0.9 7.2 10.8#



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

