

Data File : VU034562.D
Acq On : 16 Sep 2019 14:00
Operator : JC/SP
Sample : VU0916WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK60

Quant Time: Sep 17 02:57:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	378833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	354611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	146699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	84531	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.67	69	68004	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.76%
11) 1,1-Dichloroethene-d2	2.26	63	129574	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.30%
21) 2-Butanone-d5	4.15	46	202680	98.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.35%
24) Chloroform-d	4.62	84	189634	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.28	65	117651	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.32	84	372180	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
36) 1,2-Dichloropropane-d6	6.31	67	138856	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.54	98	354936	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	7.83	79	65944	47.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.26%
47) 2-Hexanone-d5	8.29	63	149401	94.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.89%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	205150	45.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.46%
64) 1,2-Dichlorobenzene-d4	11.84	152	127945	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%

Target Compounds

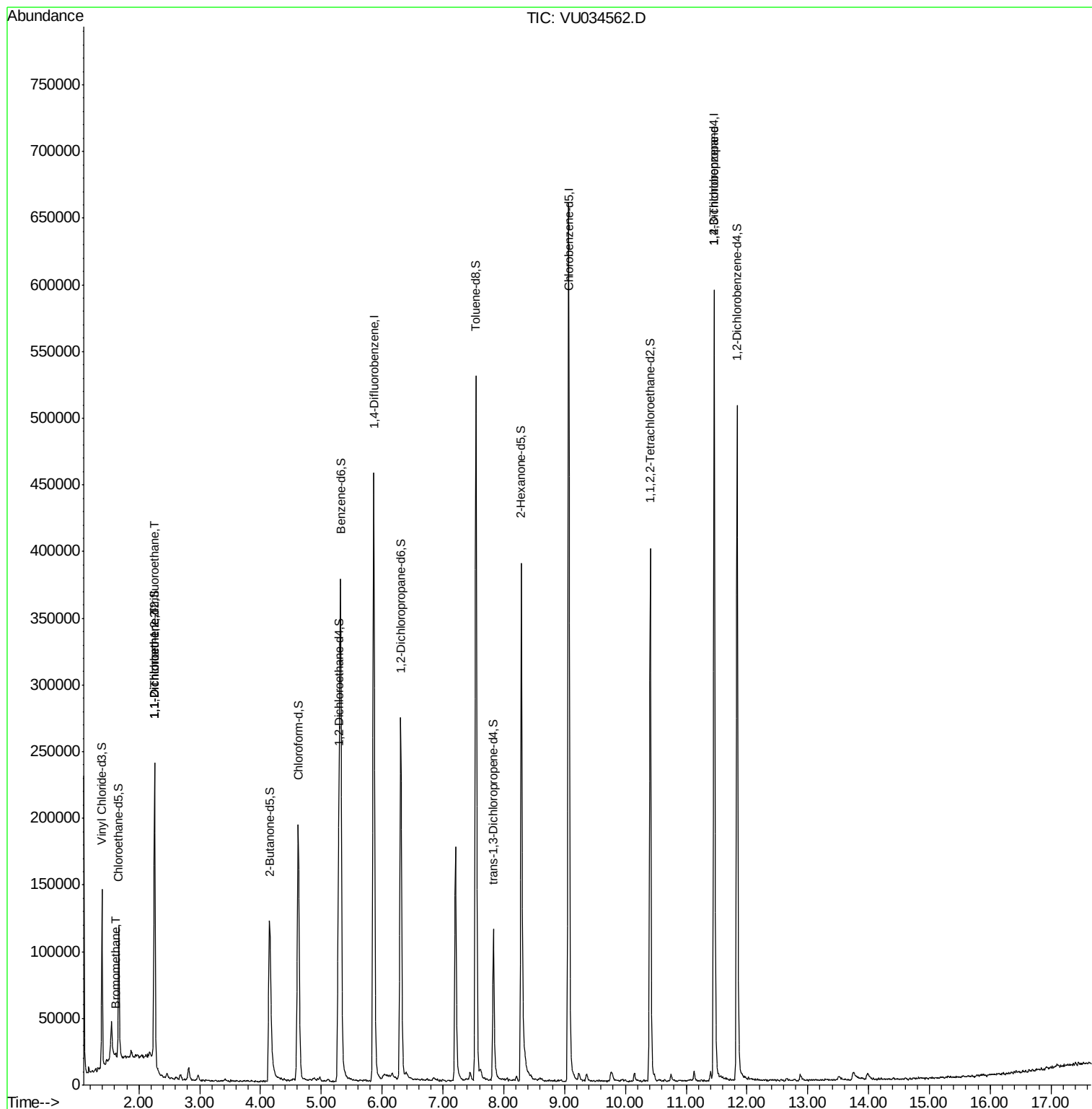
					Qvalue
6) Bromomethane	1.62	94	1503	1.229 ug/L	80
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1560	0.791 ug/L #	60
12) 1,1-Dichloroethene	2.26	96	1709	0.949 ug/L #	1
59) 1,2,3-Trichloropropane	11.46	75	22894	6.139 ug/L	92

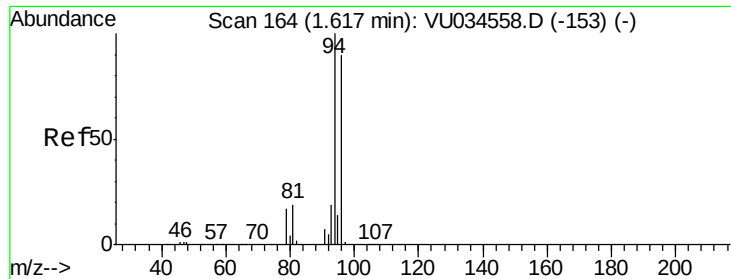
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.229 ug/L

RT: 1.62 min Scan# 164

Delta R.T. 0.00 min

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Acq: 16 Sep 2019 14:00

Instrument :

MSVOA_U

ClientSampled :

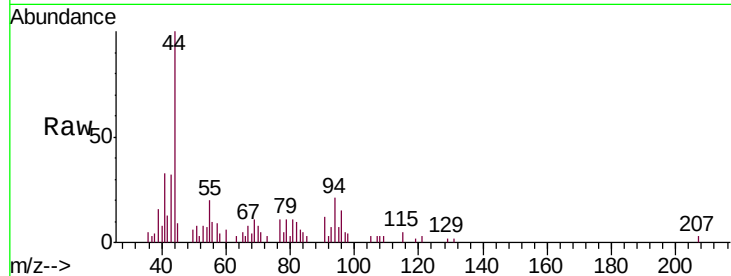
VBLK60

Tgt Ion: 94 Resp: 1503

Ion Ratio Lower Upper

94 100

96 70.9 62.9 116.9

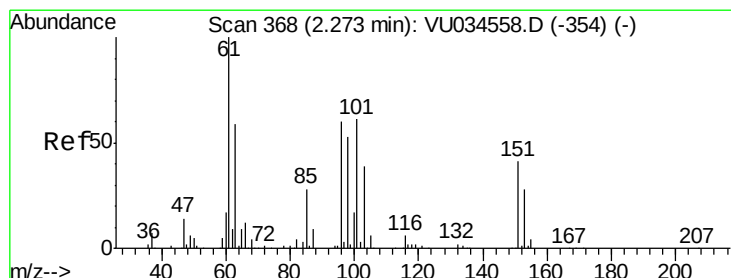
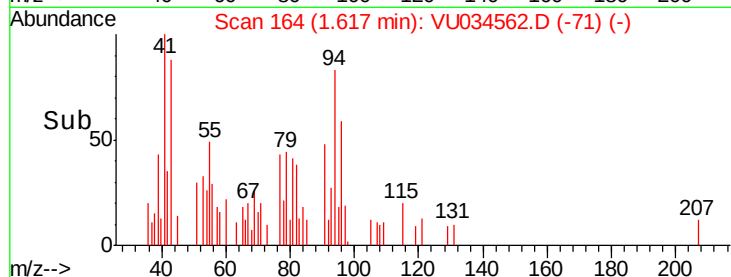
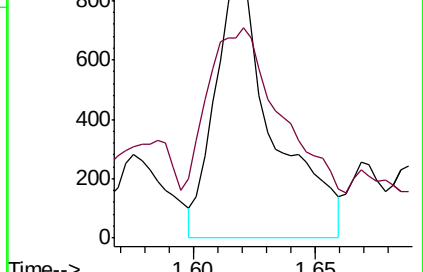


Abundance Ion 94.00 (93.70 to 94.70): VU034558.D (-153) (-)

Ion 96.00 (95.70 to 96.70): VU034558.D (-153) (-)

1.62

1.65



#10

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

Concen: 0.791 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU034562.D

Acq: 16 Sep 2019 14:00

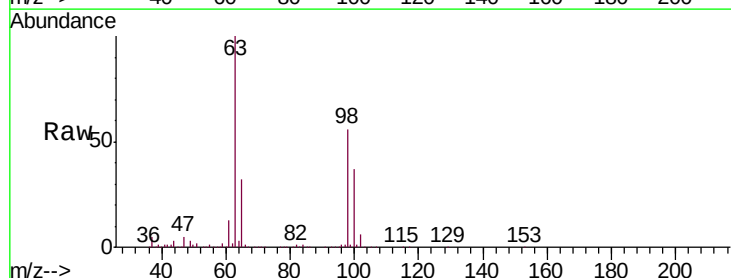
Tgt Ion: 101 Resp: 1560

Ion Ratio Lower Upper

101 100

85 27.5 37.0 55.6#

151 28.5 54.1 81.1#



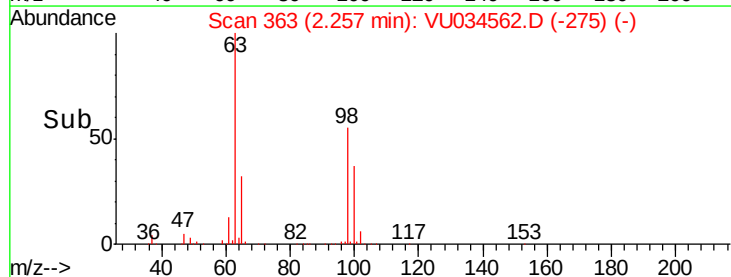
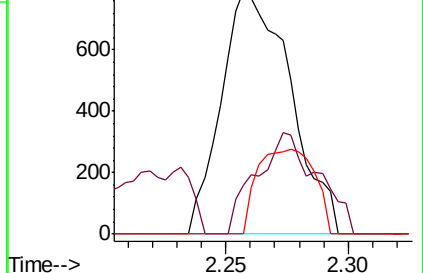
Abundance Ion 101.00 (100.70 to 101.70): VU034558.D (-354) (-)

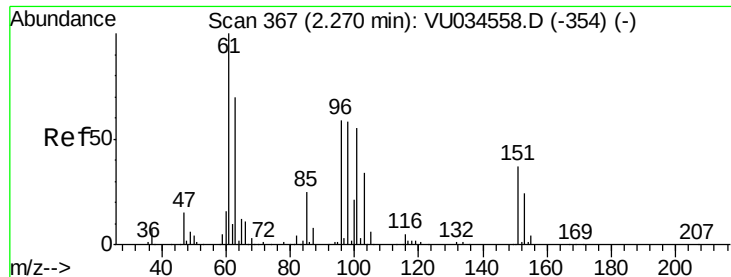
Ion 85.00 (84.70 to 85.70): VU034558.D (-354) (-)

Ion 151.00 (150.70 to 151.70): VU034558.D (-354) (-)

2.26

2.30





#12

1,1-Dichloroethene

Concen: 0.949 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU034562.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK60

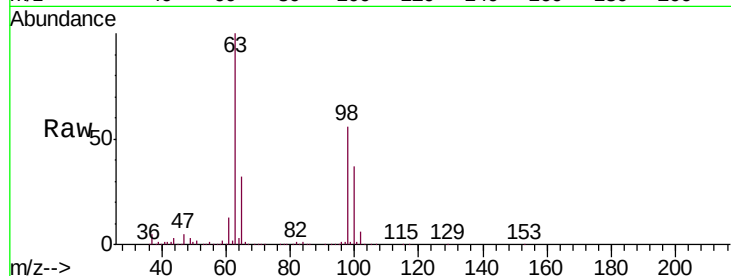
Tgt Ion: 96 Resp: 1709

Ion Ratio Lower Upper

96 100

61 1090.6 117.8 218.8#

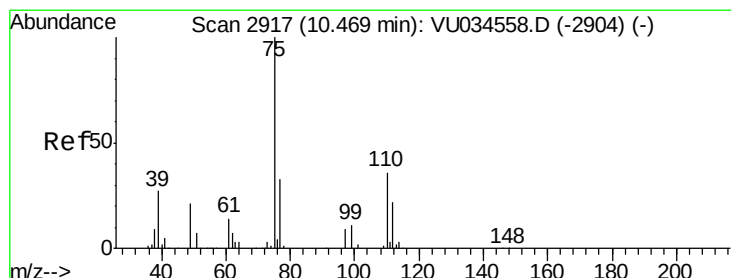
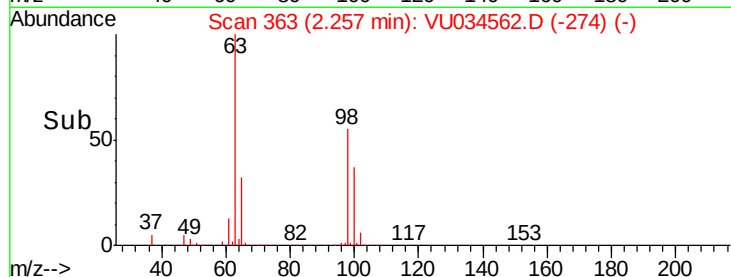
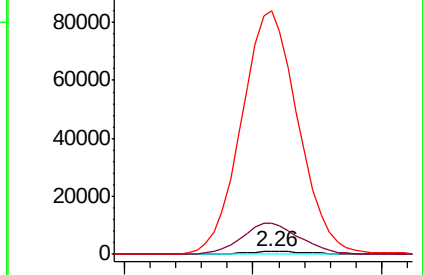
63 8484.8 83.8 155.6#



Abundance Ion 96.00 (95.70 to 96.70): VU034558.D (-354) (-)

Ion 61.00 (60.70 to 61.70): VU034558.D (-354) (-)

Ion 63.00 (62.70 to 63.70): VU034558.D (-354) (-)



#59

1,2,3-Trichloropropane

Concen: 6.139 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034562.D

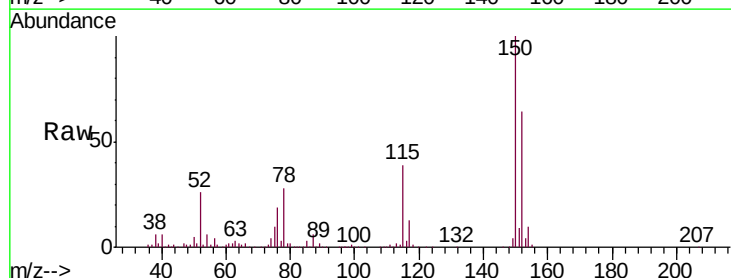
Acq: 16 Sep 2019 14:00

Tgt Ion: 75 Resp: 22894

Ion Ratio Lower Upper

75 100

77 36.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU034558.D (-2904) (-)

Ion 77.00 (76.70 to 77.70): VU034558.D (-2904) (-)

