

Data File : VU031632.D
Acq On : 30 Apr 2019 14:32
Operator : JC/SP
Sample : K2592-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 01 01:42:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	615502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	607988	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	308104	59.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.62%
7) Chloroethane-d5	1.68	69	234020	58.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.58%
11) 1,1-Dichloroethene-d2	2.41	63	227	0.02	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.19	46	489637	104.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.91%
24) Chloroform-d	4.85	84	180	0.02	ug/L	0.21
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.31	65	345921	56.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.24%
32) Benzene-d6	5.34	84	964076	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
36) 1,2-Dichloropropane-d6	6.32	67	345058	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.06%
41) Toluene-d8	7.56	98	773175	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.85	79	134592	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
47) 2-Hexanone-d5	8.31	63	266745	93.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	427340	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	224608	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

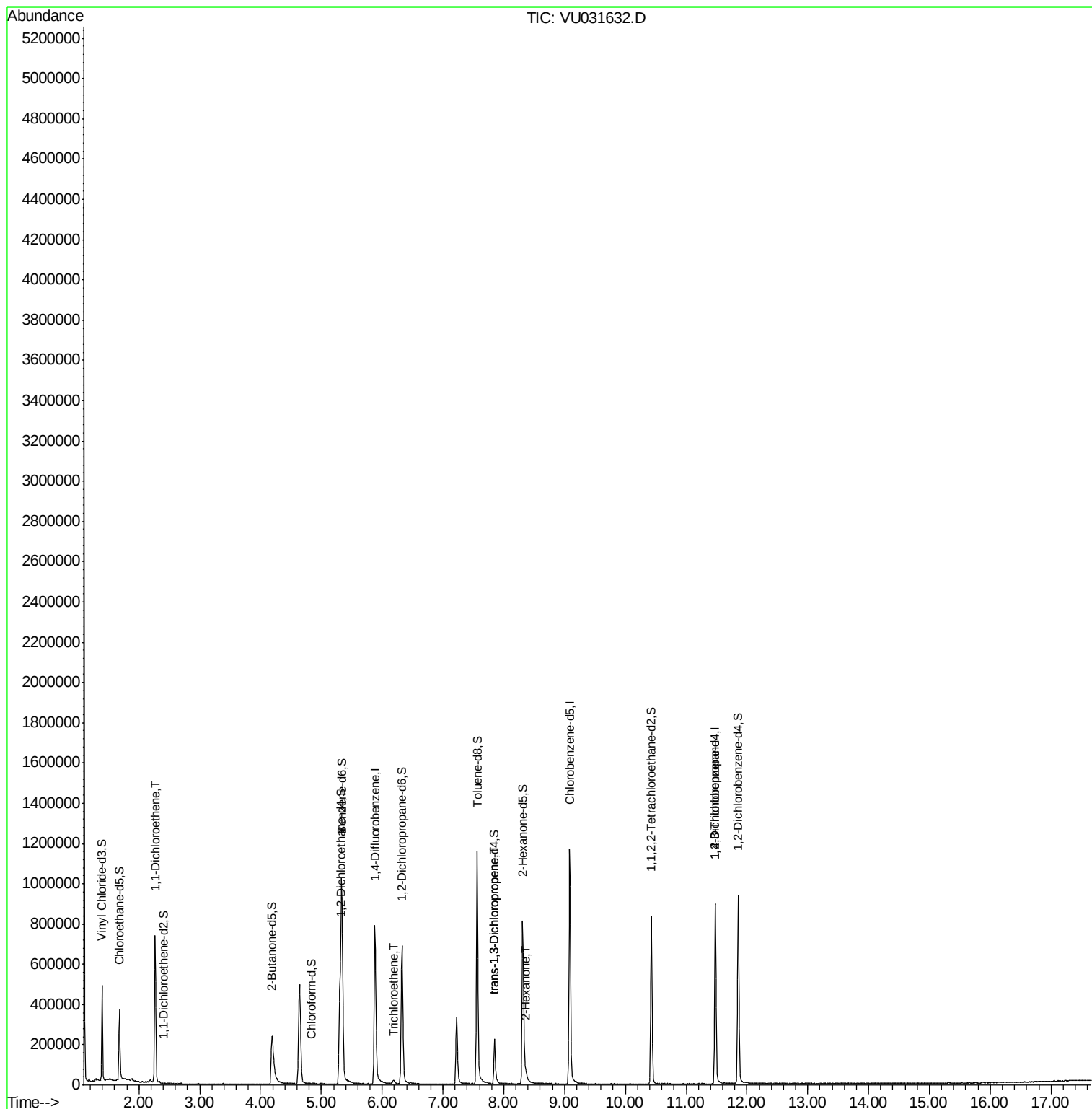
					Qvalue
12) 1,1-Dichloroethene	2.27	96	3262	0.679 ug/L #	1
34) Trichloroethene	6.19	95	4120	0.760 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	5469	0.719 ug/L	95
48) 2-Hexanone	8.36	43	22072	2.795 ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	31673	4.210 ug/L	93

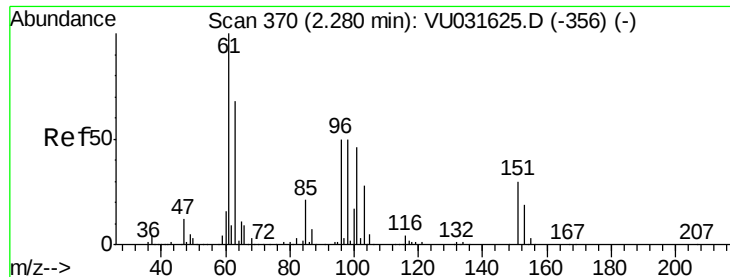
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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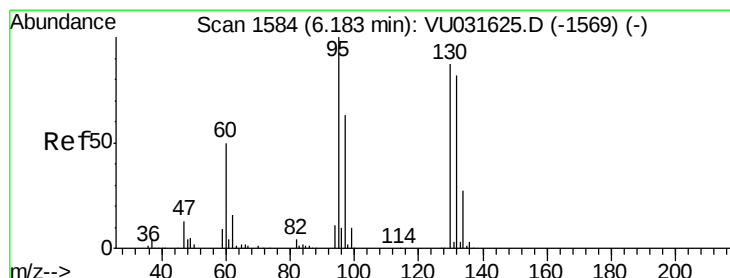
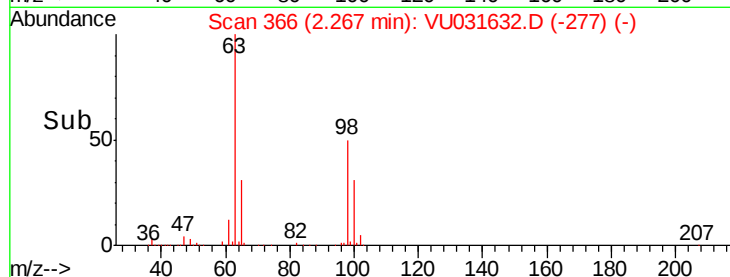
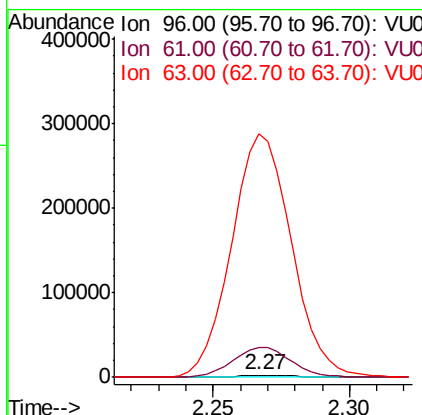
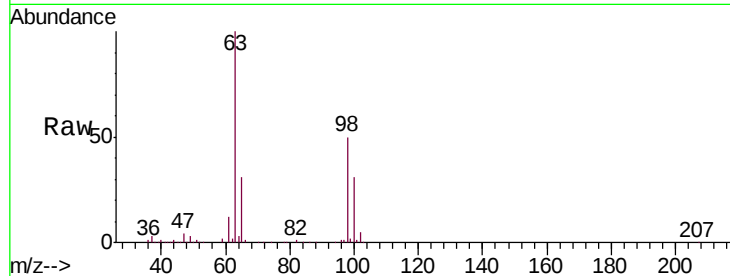




#12
 1,1-Dichloroethene
 Concen: 0.679 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU031632.D
 Acq: 30 Apr 2019 14:32

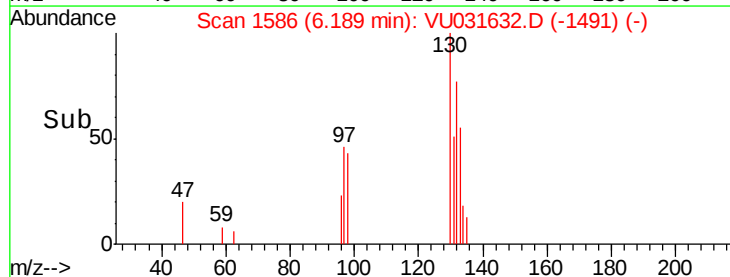
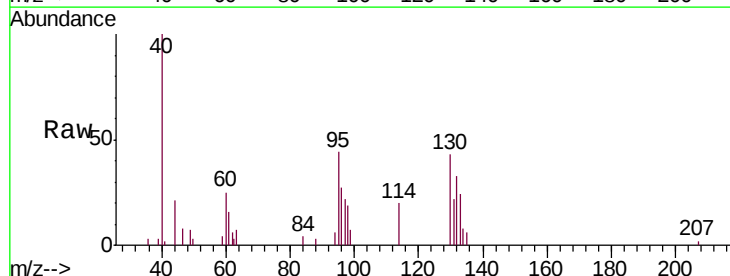
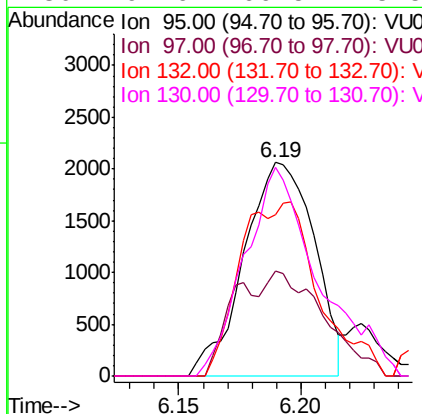
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

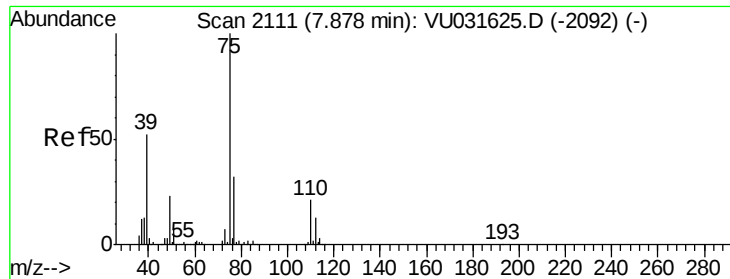
Tgt Ion: 96 Resp: 3262
 Ion Ratio Lower Upper
 96 100
 61 1670.9 135.0 250.6#
 63 13429.9 103.5 192.3#



#34
 Trichloroethene
 Concen: 0.760 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU031632.D
 Acq: 30 Apr 2019 14:32

Tgt Ion: 95 Resp: 4120
 Ion Ratio Lower Upper
 95 100
 97 49.4 44.8 83.2
 132 75.6 63.1 117.1
 130 97.6 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031632.D

Acq: 30 Apr 2019 14:32

Instrument :

MSVOA_U

ClientSampleId :

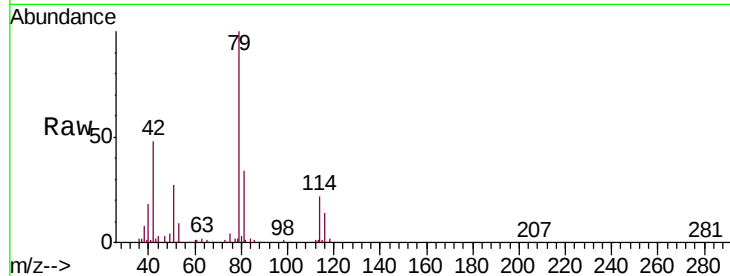
VHBLK01

Tgt Ion: 75 Resp: 5469

Ion Ratio Lower Upper

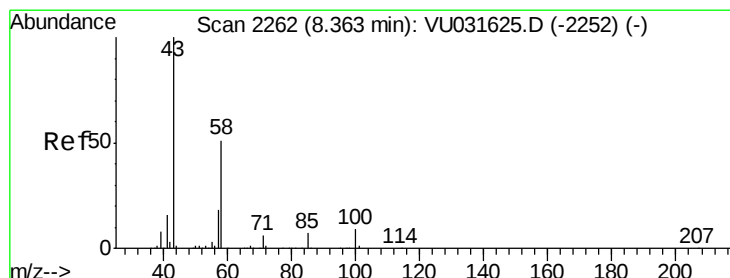
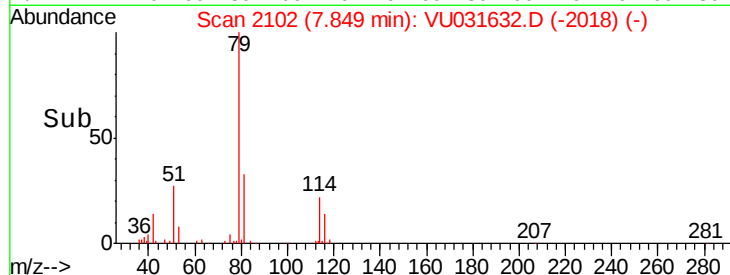
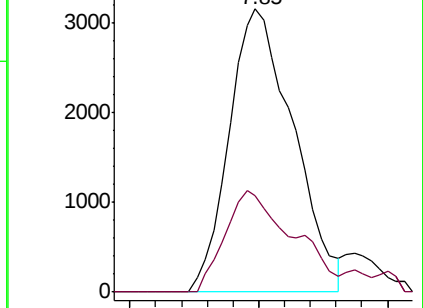
75 100

77 34.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031625.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031625.D (-2092) (-)



#48

2-Hexanone

Concen: 2.795 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU031632.D

Acq: 30 Apr 2019 14:32

Tgt Ion: 43 Resp: 22072

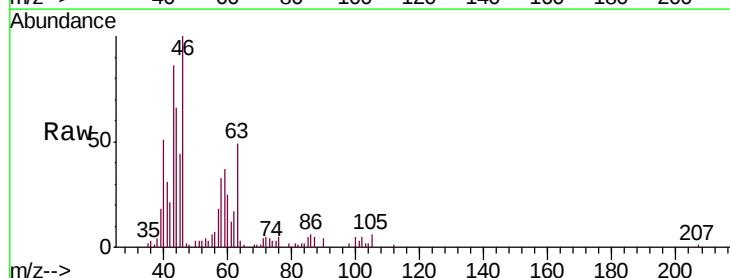
Ion Ratio Lower Upper

43 100

58 4.4 42.1 63.1#

57 6.2 14.6 22.0#

100 2.6 7.2 10.8#

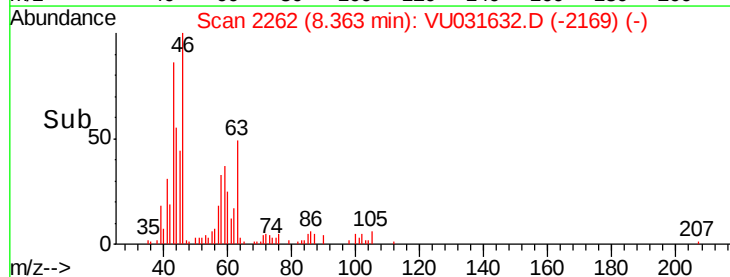
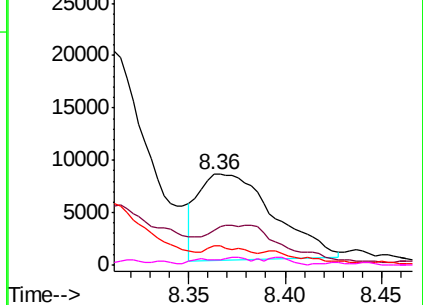


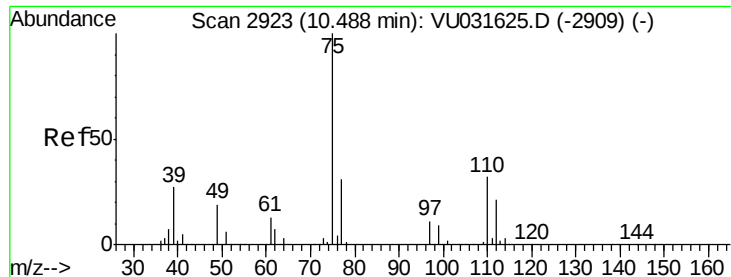
Abundance Ion 43.00 (42.70 to 43.70): VU031625.D (-2252) (-)

Ion 58.00 (57.70 to 58.70): VU031625.D (-2252) (-)

Ion 57.00 (56.70 to 57.70): VU031625.D (-2252) (-)

Ion 100.00 (99.70 to 100.70): VU031625.D (-2252) (-)





#59

1,2,3-Trichloropropane

Concen: 4.210 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031632.D

Acq: 30 Apr 2019 14:32

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 31673

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9

