

Data File : VU034722.D
Acq On : 21 Sep 2019 04:37
Operator : JC/SP
Sample : K5001-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCZ3

Quant Time: Sep 21 05:33:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	435998	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	413995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	179715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162943	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.02%
7) Chloroethane-d5	1.67	69	144434	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	1.98	63	176	0.02	ug/L	-0.27
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.15	46	339166	99.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.15%
24) Chloroform-d	4.62	84	304222	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.29	65	224059	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.32	84	610086	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.31	67	217191	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.54	98	553354	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	7.83	79	91636	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.32%
47) 2-Hexanone-d5	8.29	63	206753	91.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	289791	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	184685	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

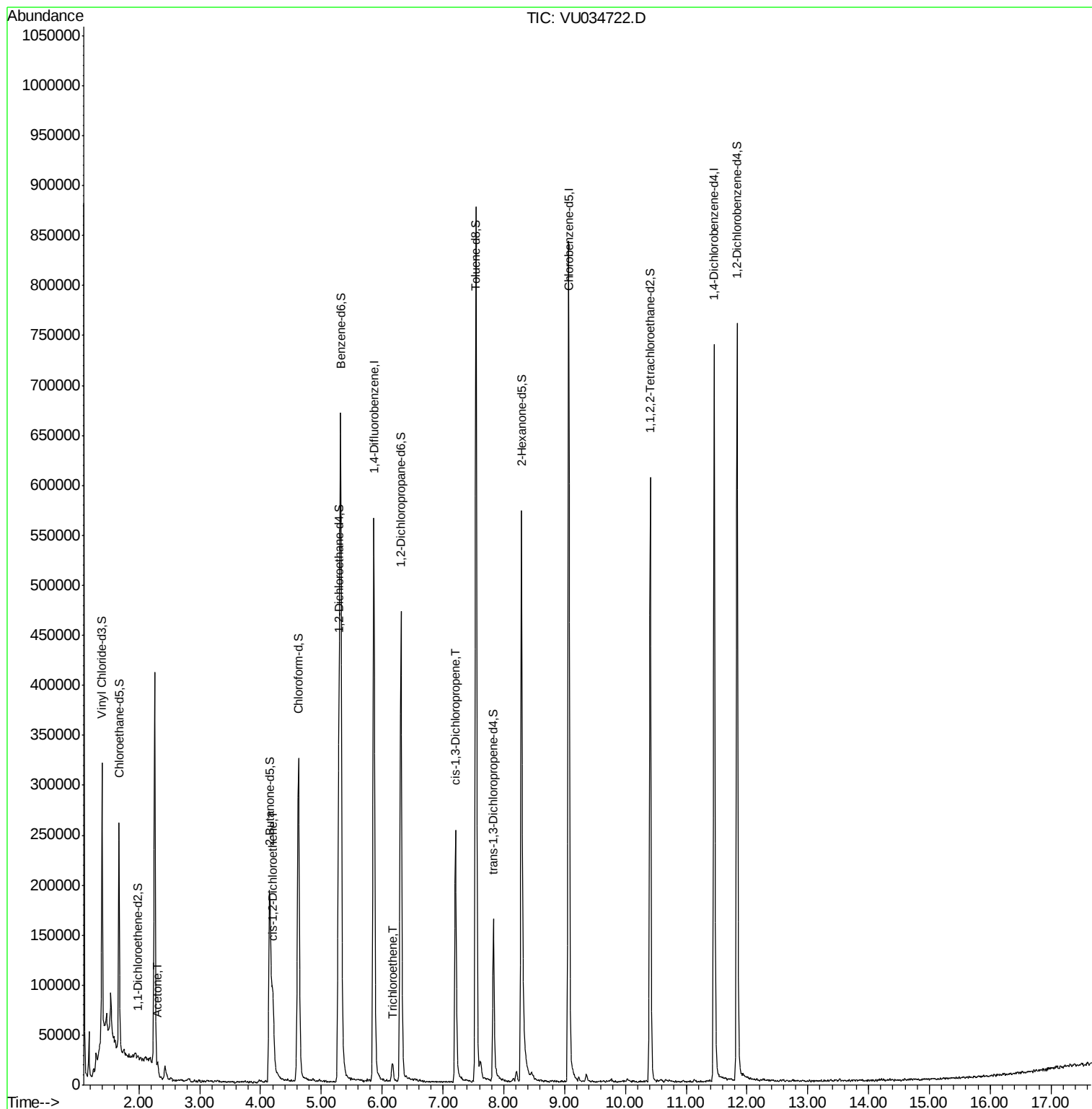
						Qvalue
13) Acetone	2.31	43	13655	3.431	ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	35061	9.615	ug/L	90
34) Trichloroethene	6.18	95	6383	1.800	ug/L	91
39) cis-1,3-Dichloropropene	7.21	75	6308	0.982	ug/L #	82

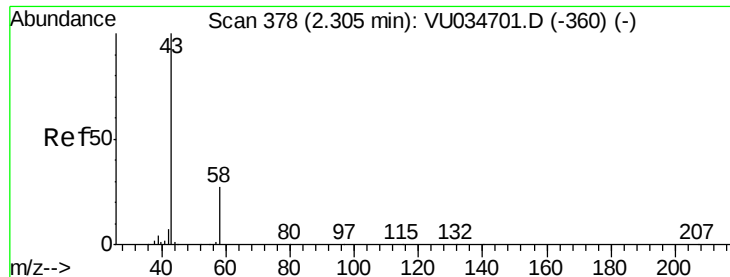
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.431 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

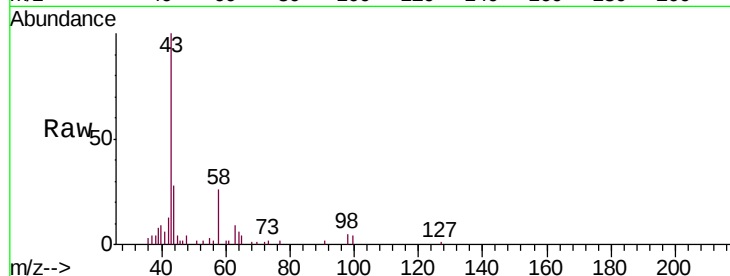
BFCZ3

Tgt Ion: 43 Resp: 13655

Ion Ratio Lower Upper

43 100

58 30.4 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

10000

8000

6000

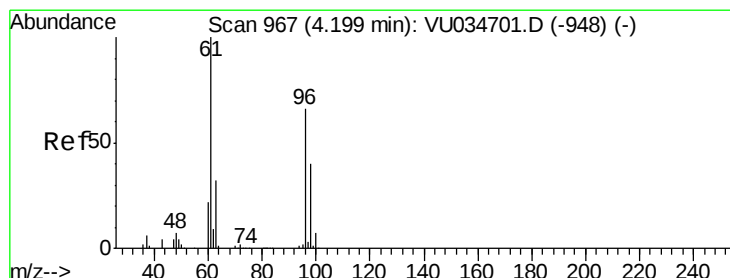
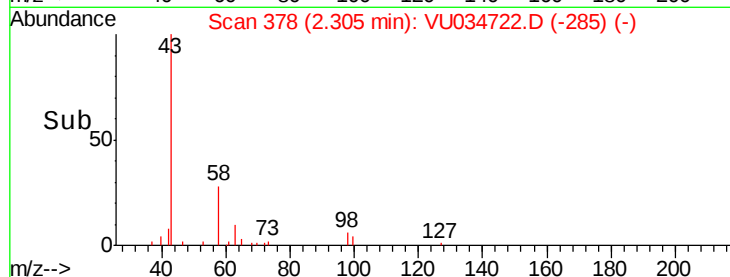
4000

2000

0

2.25 2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 9.615 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

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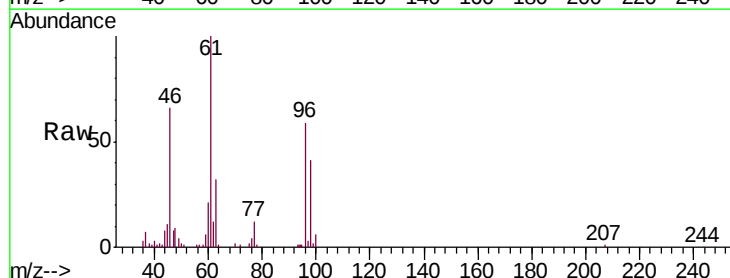
Tgt Ion: 96 Resp: 35061

Ion Ratio Lower Upper

96 100

61 168.7 108.8 202.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

30000

25000

20000

15000

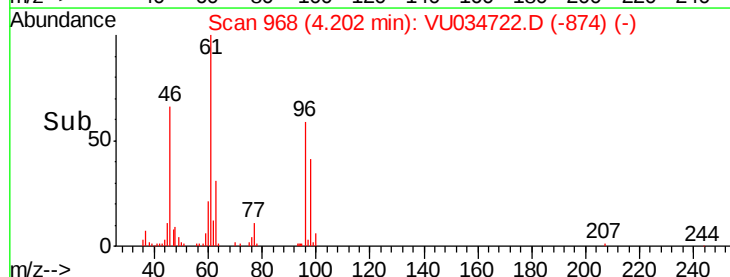
10000

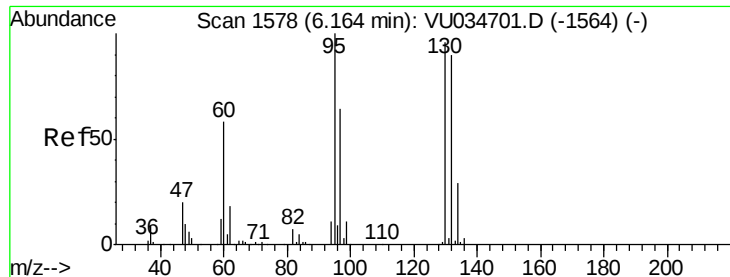
5000

0

4.15 4.20 4.25 4.30

Time-->





#34

Trichloroethene

Concen: 1.800 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFCZ3

Tgt Ion: 95 Resp: 6383

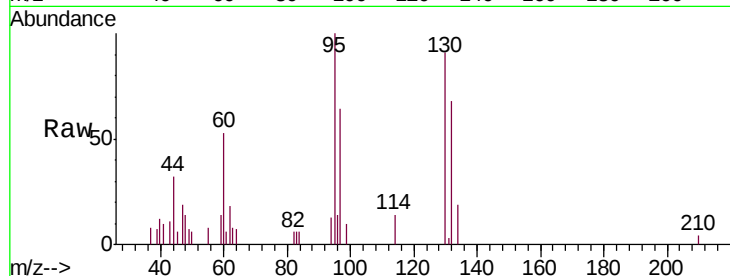
Ion Ratio Lower Upper

95 100

97 64.0 43.7 81.1

132 67.5 61.0 113.2

130 91.0 65.7 121.9

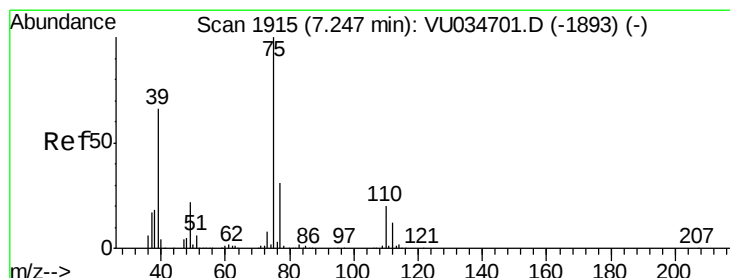
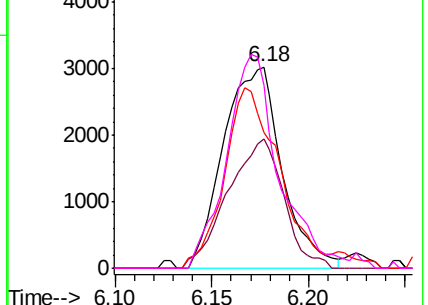
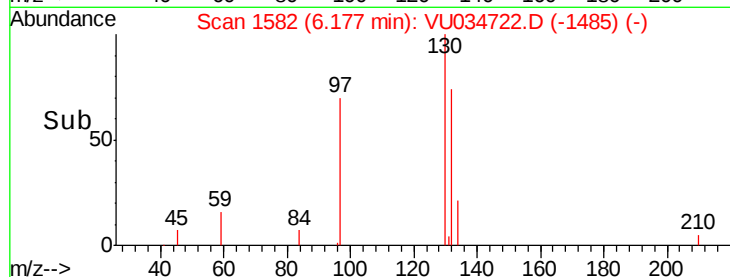


Abundance Ion 95.00 (94.70 to 95.70): VU034722.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VU034722.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VU034722.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VU034722.D (-1485) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.982 ug/L

RT: 7.21 min Scan# 1904

Delta R.T. -0.04 min

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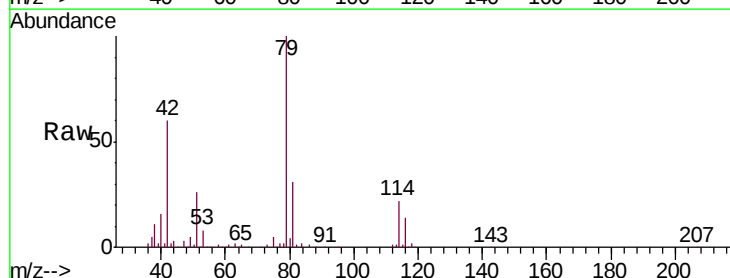
Acq: 21 Sep 2019 04:37

Tgt Ion: 75 Resp: 6308

Ion Ratio Lower Upper

75 100

77 40.6 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU034722.D (-1822) (-)

Ion 77.00 (76.70 to 77.70): VU034722.D (-1822) (-)

