

Data File : VU036301.D
Acq On : 19 Dec 2019 22:54
Operator : JC/MD
Sample : K6282-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDX4

Quant Time: Dec 20 05:38:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.35	114	165851	5.00	ug/L	0.06
28) Chlorobenzene-d5	9.46	117	221591	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.84	152	87246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.66	65	105359	7.21	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	144.20%#
7) Chloroethane-d5	1.99	69	92953	7.10	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	142.00%#
11) 1,1-Dichloroethene-d2	2.66	63	128111	6.08	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.60%
20) 2-Butanone-d5	4.84	46	106083	38.77	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.54%
24) Chloroform-d	5.19	84	134345	5.72	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.83	65	68021	5.52	ug/L	0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.84	84	229403	4.12	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.78	67	74769	4.26	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.96	98	197062	3.76	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.24	79	27224	3.77	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.70	63	121965	44.17	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	79224	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	79049	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

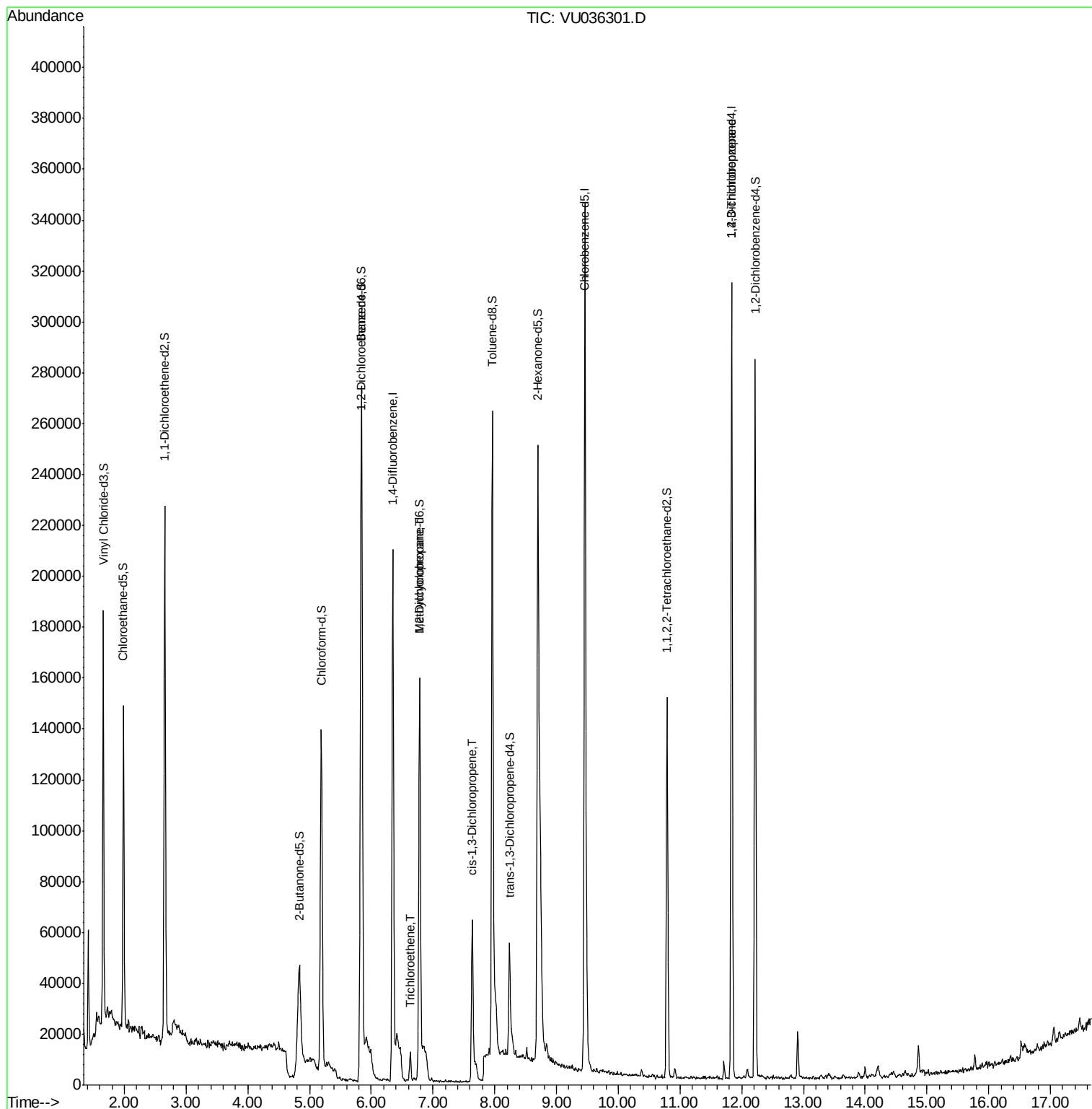
					Qvalue
34) Trichloroethene	6.63	95	4067	0.232 ug/L	92
35) Methylcyclohexane	6.78	83	18164	0.728 ug/L #	18
39) cis-1,3-Dichloropropene	7.64	75	1725	0.073 ug/L #	35
59) 1,2,3-Trichloropropane	11.83	75	9922	0.859 ug/L	94

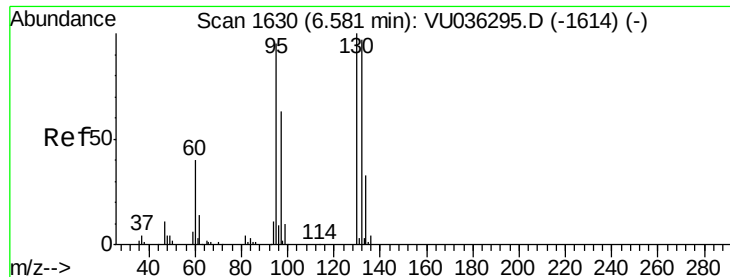
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.232 ug/L

RT: 6.63 min Scan# 1646

Delta R.T. 0.05 min

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Instrument :

MSVOA_U

ClientSampleId :

BFDX4

Tgt Ion: 95 Resp: 4067

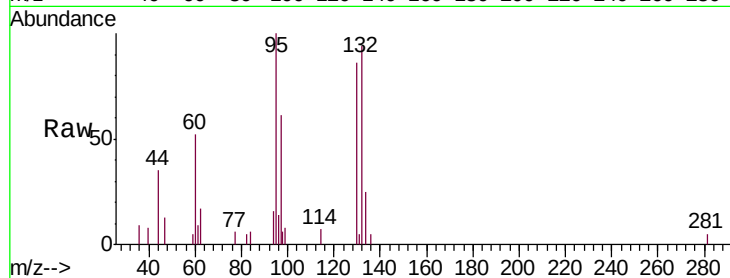
Ion Ratio Lower Upper

95 100

97 61.4 43.6 81.0

132 93.7 69.6 129.2

130 86.0 70.3 130.7

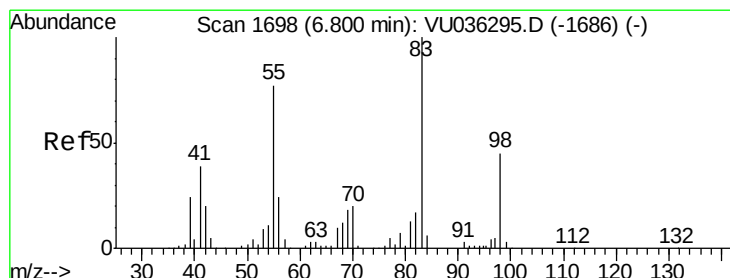
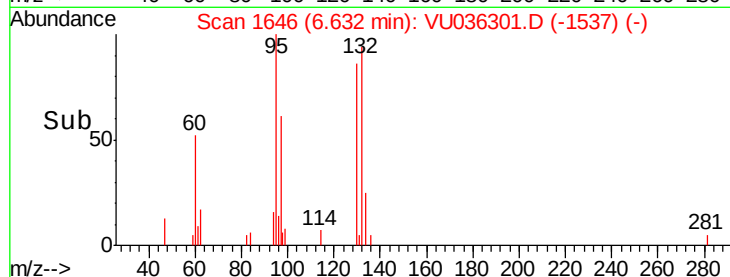
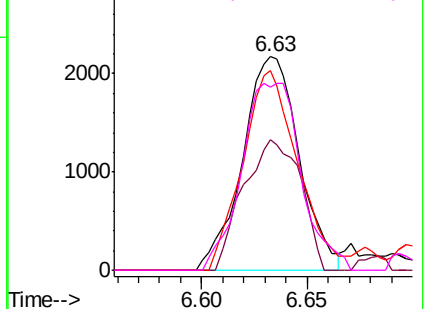


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.78 min Scan# 1693

Delta R.T. -0.02 min

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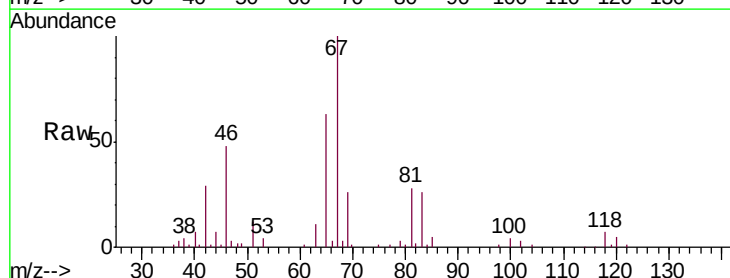
Tgt Ion: 83 Resp: 18164

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

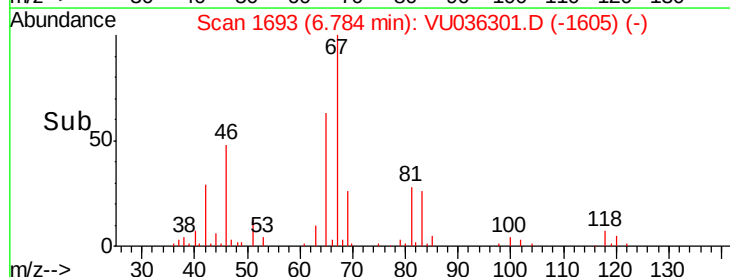
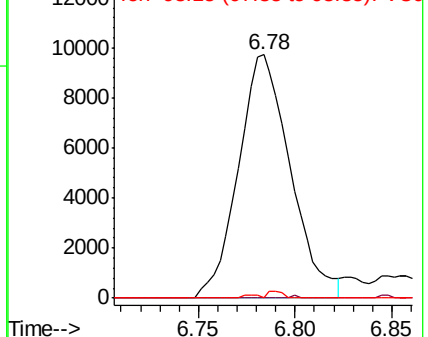
98 0.4 36.2 54.2#

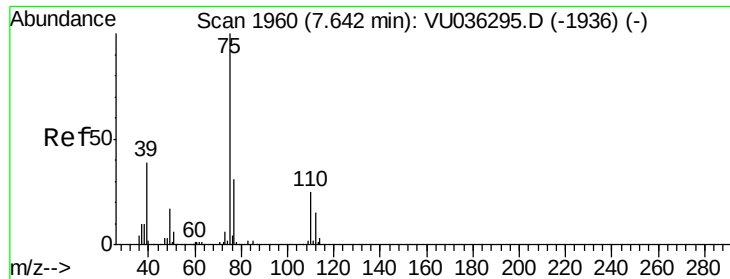


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.64 min Scan# 1959

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampled :

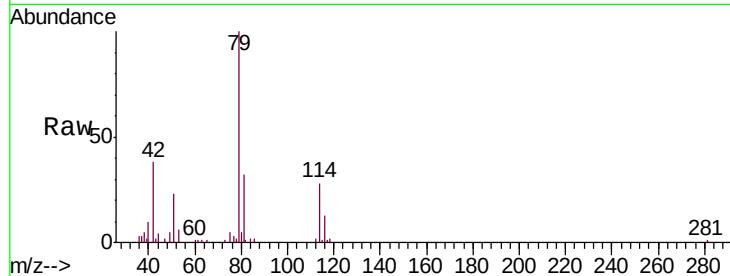
BFDX4

Tgt Ion: 75 Resp: 1725

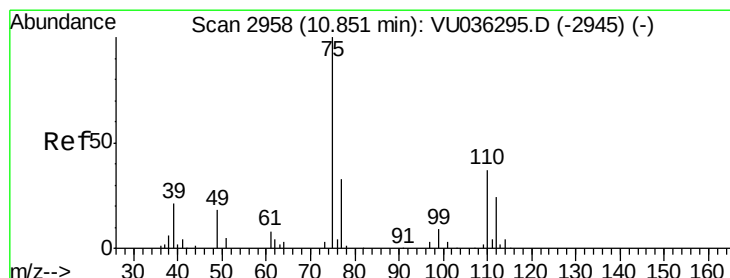
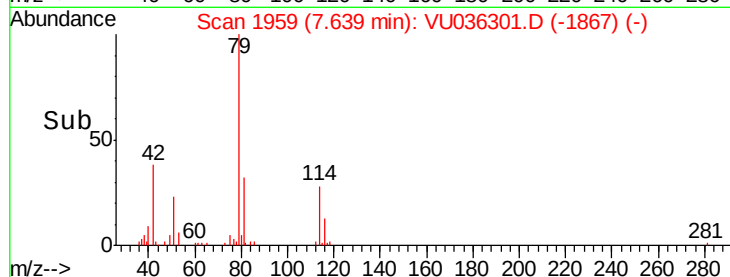
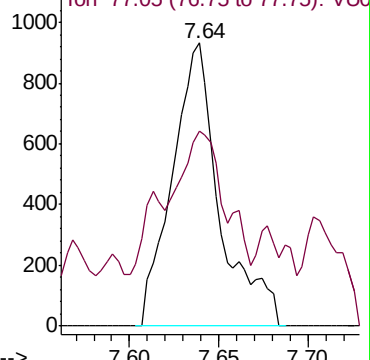
Ion Ratio Lower Upper

75 100

77 69.0 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036295.D (-1936) (-)



#59

1,2,3-Trichloropropane

Concen: 0.859 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036301.D

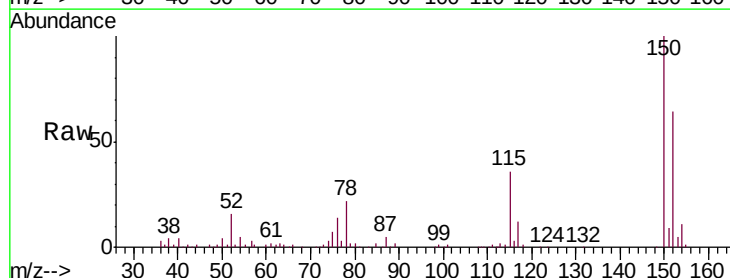
Acq: 19 Dec 2019 22:54

Tgt Ion: 75 Resp: 9922

Ion Ratio Lower Upper

75 100

77 37.2 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU036295.D (-2945) (-)

