

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026583.D
 Acq On : 06 Sep 2018 16:21
 Operator : MD/SY
 Sample : J4718-16DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD2DL

Quant Time: Sep 07 05:23:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	165857	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60537	58.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.82%
7) Chloroethane-d5	1.68	69	53535	57.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.36%
11) 1,1-Dichloroethene-d2	2.27	63	84671	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.18	46	95581	119.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.84%
24) Chloroform-d	4.65	84	104233	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.31	65	71745	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.04%
32) Benzene-d6	5.34	84	210640	59.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.06%
36) 1,2-Dichloropropane-d6	6.33	67	71900	58.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.30%
41) Toluene-d8	7.57	98	189566	55.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.06%
43) trans-1,3-Dichloropropene-	7.85	79	31558	56.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.76%
47) 2-Hexanone-d5	8.31	63	67401	119.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98805	54.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	71127	60.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.02%#

Target Compounds

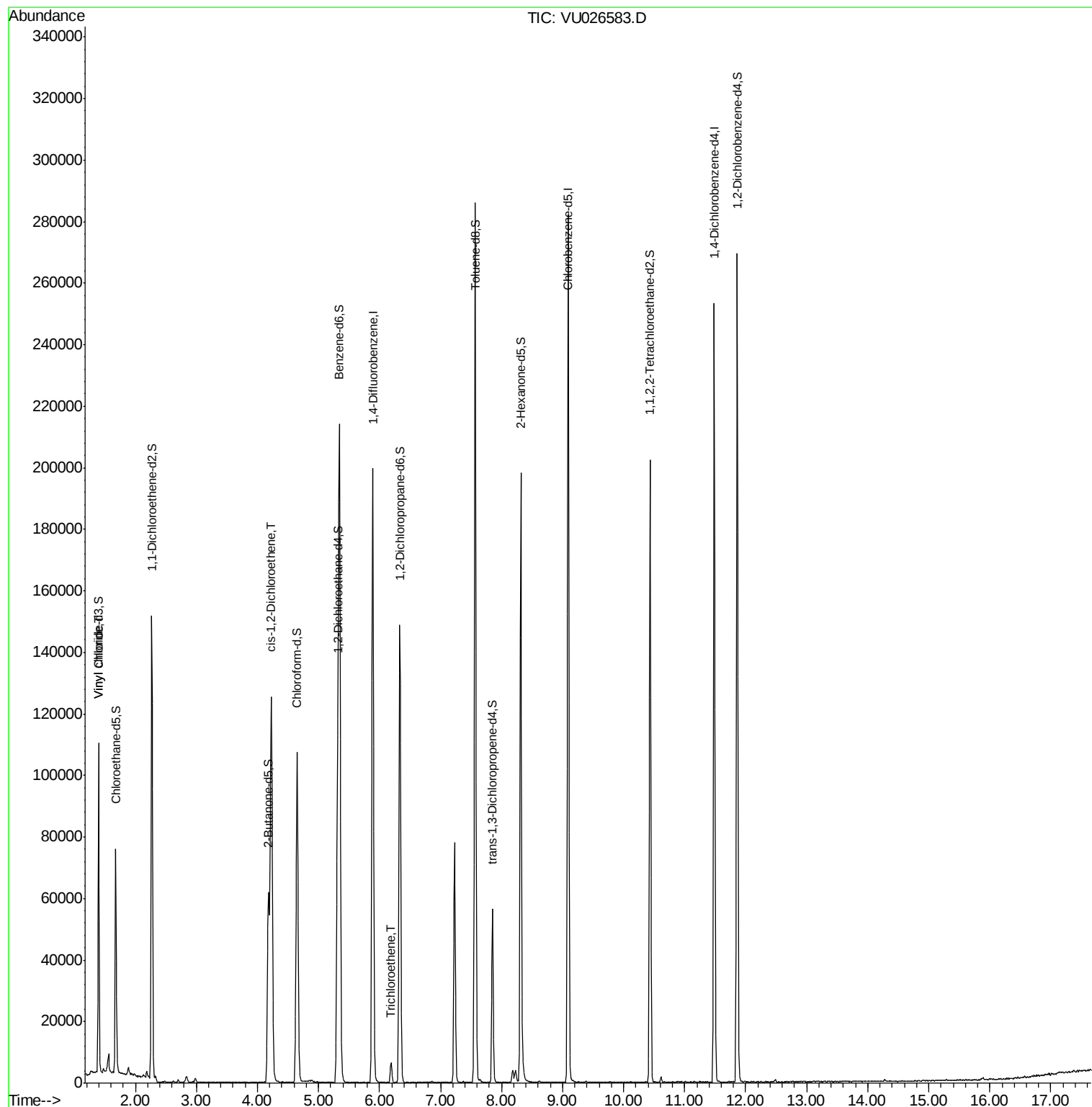
					Ovalue
5) Vinyl chloride	1.40	62	12061	6.97	ug/L 85
20) cis-1,2-Dichloroethene	4.23	96	68272	56.91	ug/L 97
34) Trichloroethene	6.19	95	2587	2.32	ug/L 94

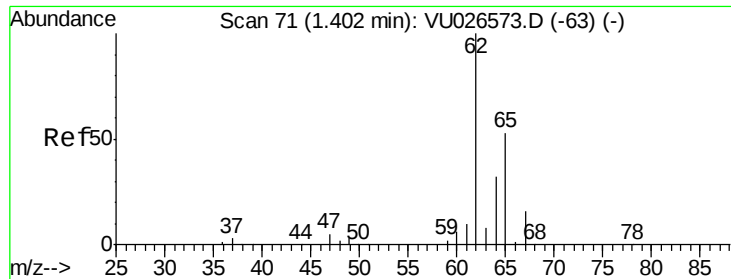
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.97 ug/L

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026583.D

Acq: 06 Sep 2018 16:21

Instrument :

MSVOA_U

ClientSampled :

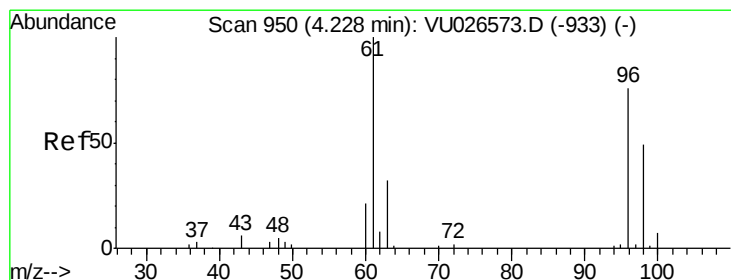
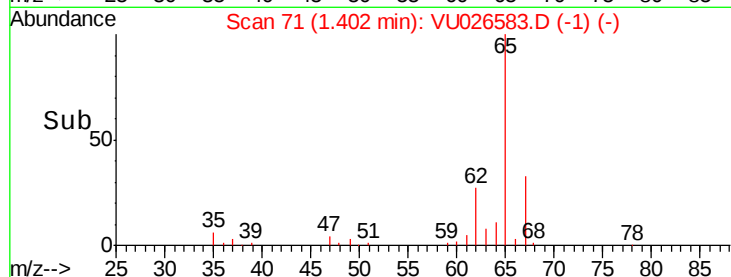
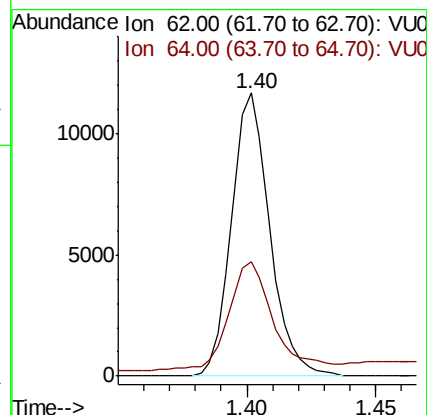
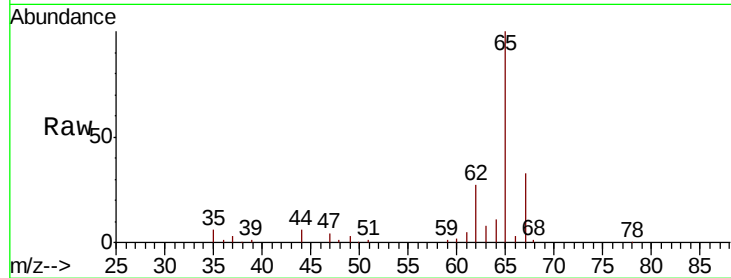
BEGD2DL

Tot Ion: 62 Resp: 12061

Ion Ratio Lower Upper

62 100

64 40.6 22.4 41.6



#20

cis-1,2-Dichloroethene

Concen: 56.91 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

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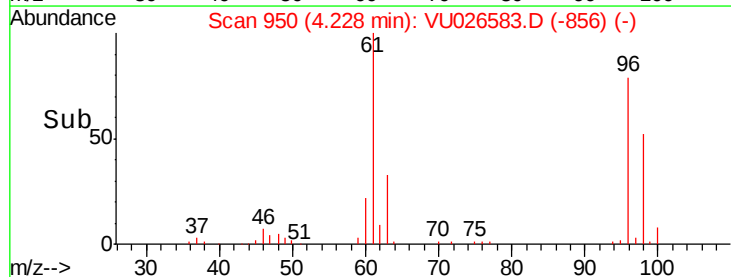
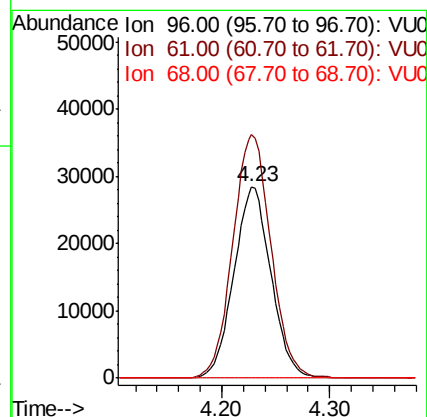
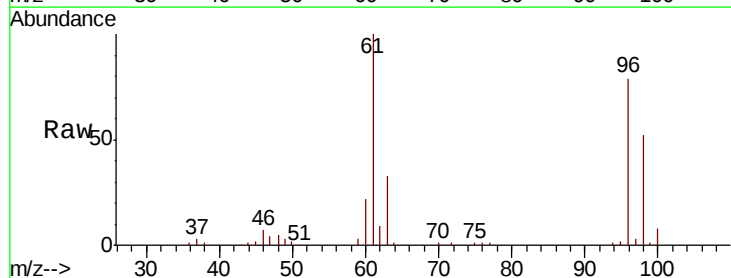
Tgt Ion: 96 Resp: 68272

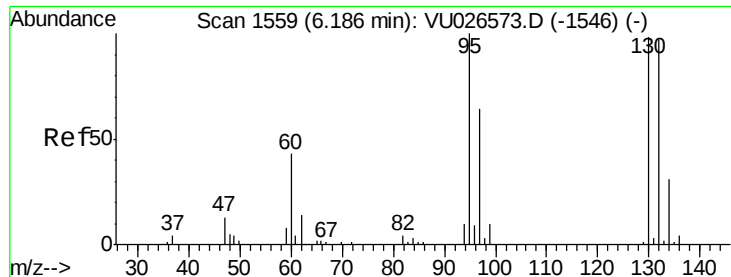
Ion Ratio Lower Upper

96 100

61 127.1 91.6 170.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.32 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026583.D

Acq: 06 Sep 2018 16:21

Instrument :

MSVOA_U

ClientSampleId :

BEGD2DL

Tot Ion: 95 Resp: 2587

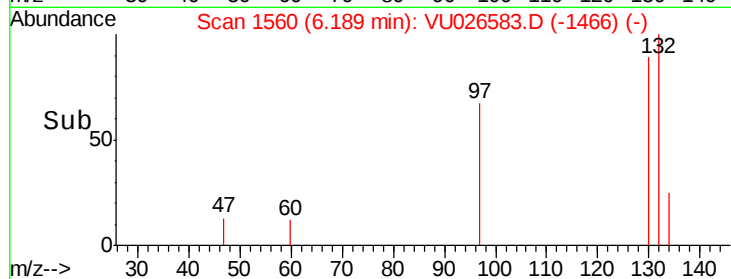
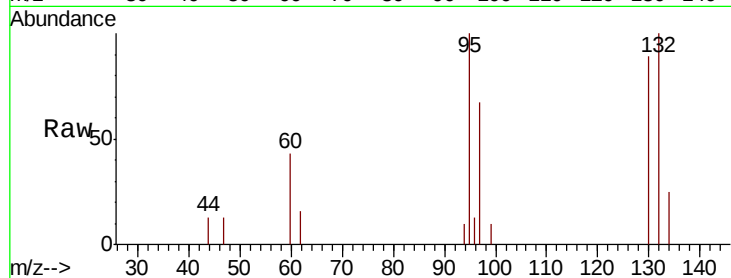
Ion Ratio Lower Upper

95 100

97 67.0 45.1 83.7

132 100.3 67.5 125.3

130 89.8 69.3 128.7



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

