

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
 Data File : VU028215.D
 Acq On : 17 Nov 2018 04:28
 Operator : MD/SY
 Sample : J5986-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ8

Quant Time: Nov 17 06:02:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 03:46:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59345	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	49099	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.28	63	88193	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.21	46	211418	56.09	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	4.65	84	101095	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	60672	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.34	84	215069	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.33	67	79063	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.57	98	188537	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	22899	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.31	63	162411	52.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56947	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	66360	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

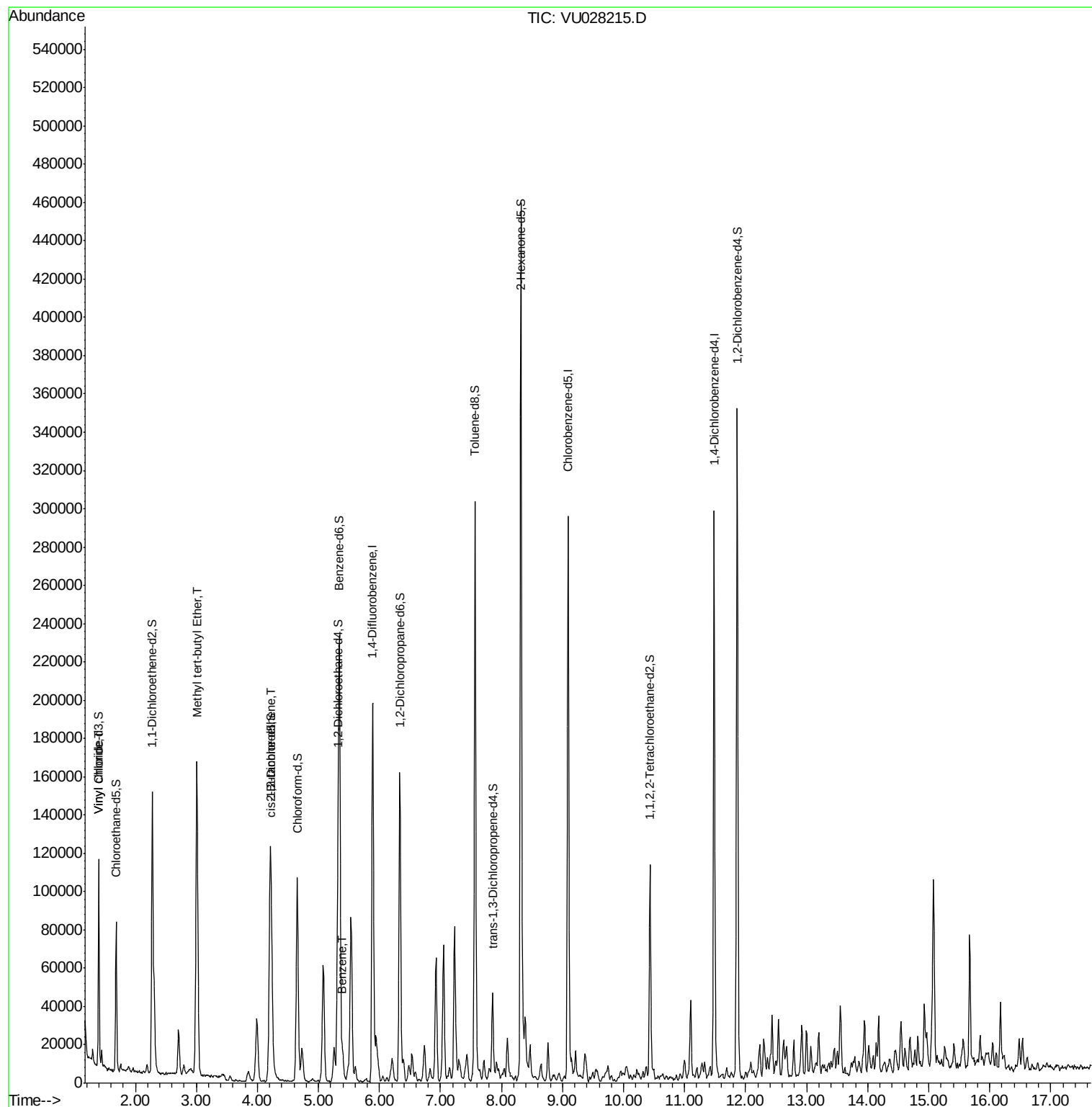
					Qvalue
5) Vinyl chloride	1.40	62	4944	0.295 ug/L	86
17) Methyl tert-butyl Ether	3.01	73	159015	5.462 ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	11304	0.926 ug/L	83
33) Benzene	5.39	78	13838	0.278 ug/L	100

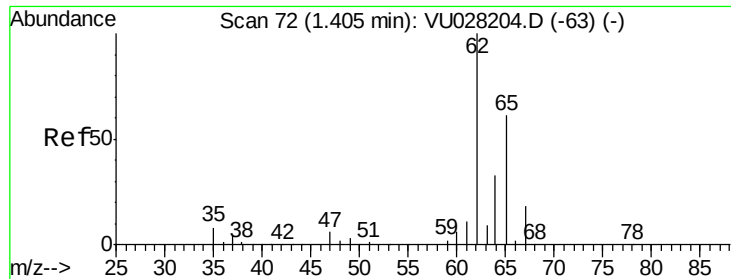
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.295 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU028215.D

Acq: 17 Nov 2018 04:28

Instrument :

MSVOA_U

ClientSampleId :

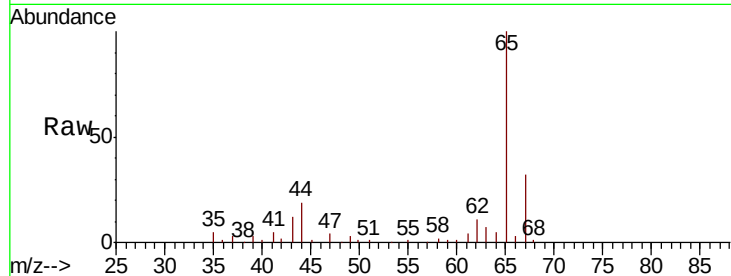
H0FJ8

Tgt Ion: 62 Resp: 4944

Ion Ratio Lower Upper

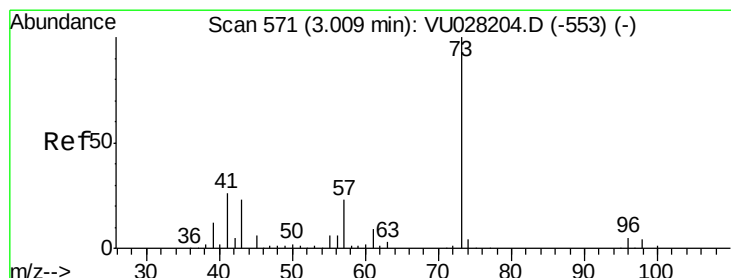
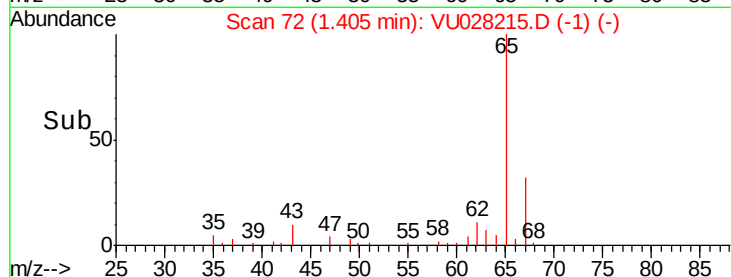
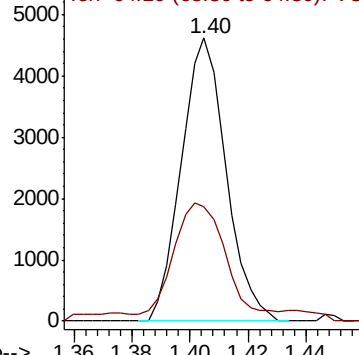
62 100

64 40.6 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 5.462 ug/L

RT: 3.01 min Scan# 571

Delta R.T. -0.00 min

Lab File: VU028215.D

Acq: 17 Nov 2018 04:28

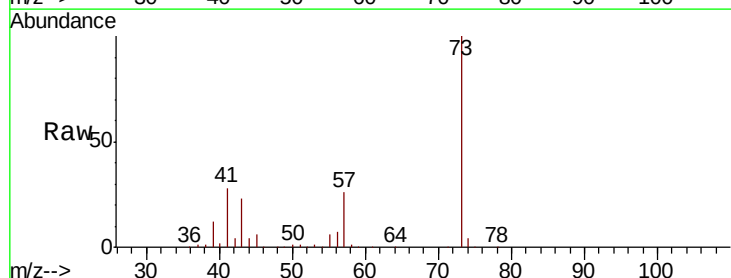
Tgt Ion: 73 Resp: 159015

Ion Ratio Lower Upper

73 100

43 24.4 18.1 27.1

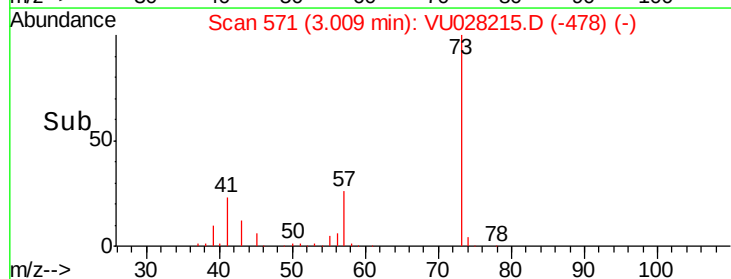
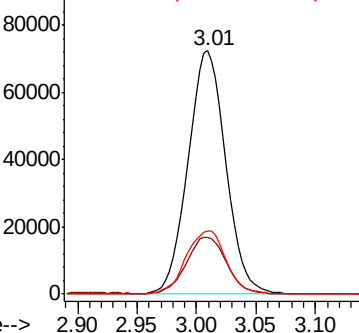
57 27.6 20.0 30.0

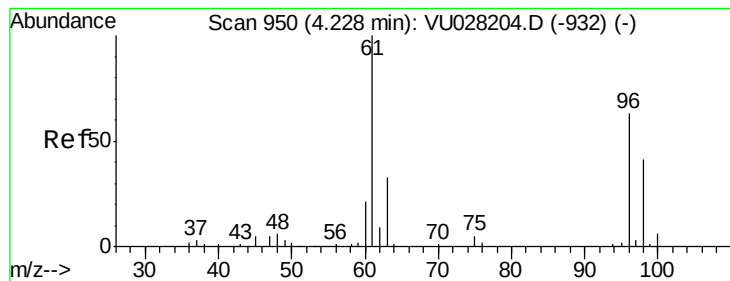


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0



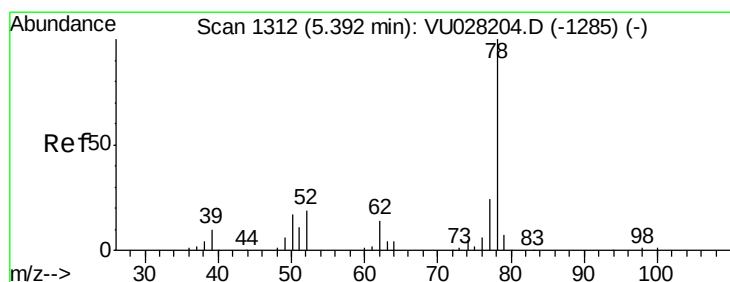
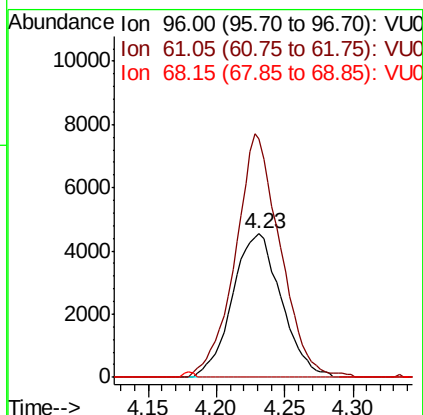
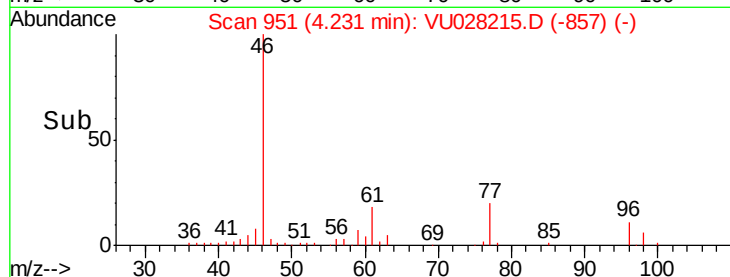
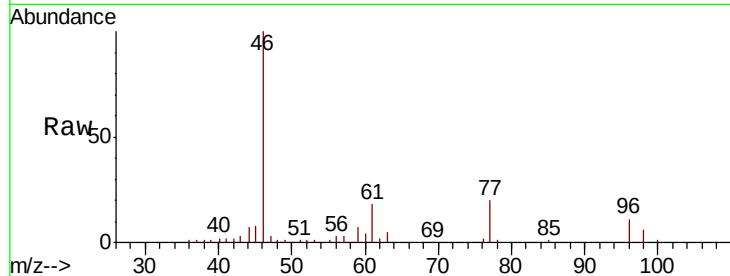


#22

cis-1,2-Dichloroethene
 Concen: 0.926 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
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Instrument :
 MSVOA_U
 ClientSampled :
 H0FJ8

Tgt Ion: 96 Resp: 11304
 Ion Ratio Lower Upper
 96 100
 61 167.0 101.8 189.0
 68 0.0 0.0 0.0



#33

Benzene
 Concen: 0.278 ug/L
 RT: 5.39 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: VU028215.D
 Acq: 17 Nov 2018 04:28

Tgt Ion: 78 Resp: 13838

