

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028231.D
 Acq On : 17 Nov 2018 17:55
 Operator : MD/SY
 Sample : J5986-10DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ5DL

Quant Time: Nov 19 03:34:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 03:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145511	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54929	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.68	69	46910	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.28	63	81898	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.19	46	203536	53.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.65	84	100454	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	58775	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	203675	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	75778	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.57	98	172408	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.85	79	22119	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.31	63	148943	51.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53223	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	60237	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

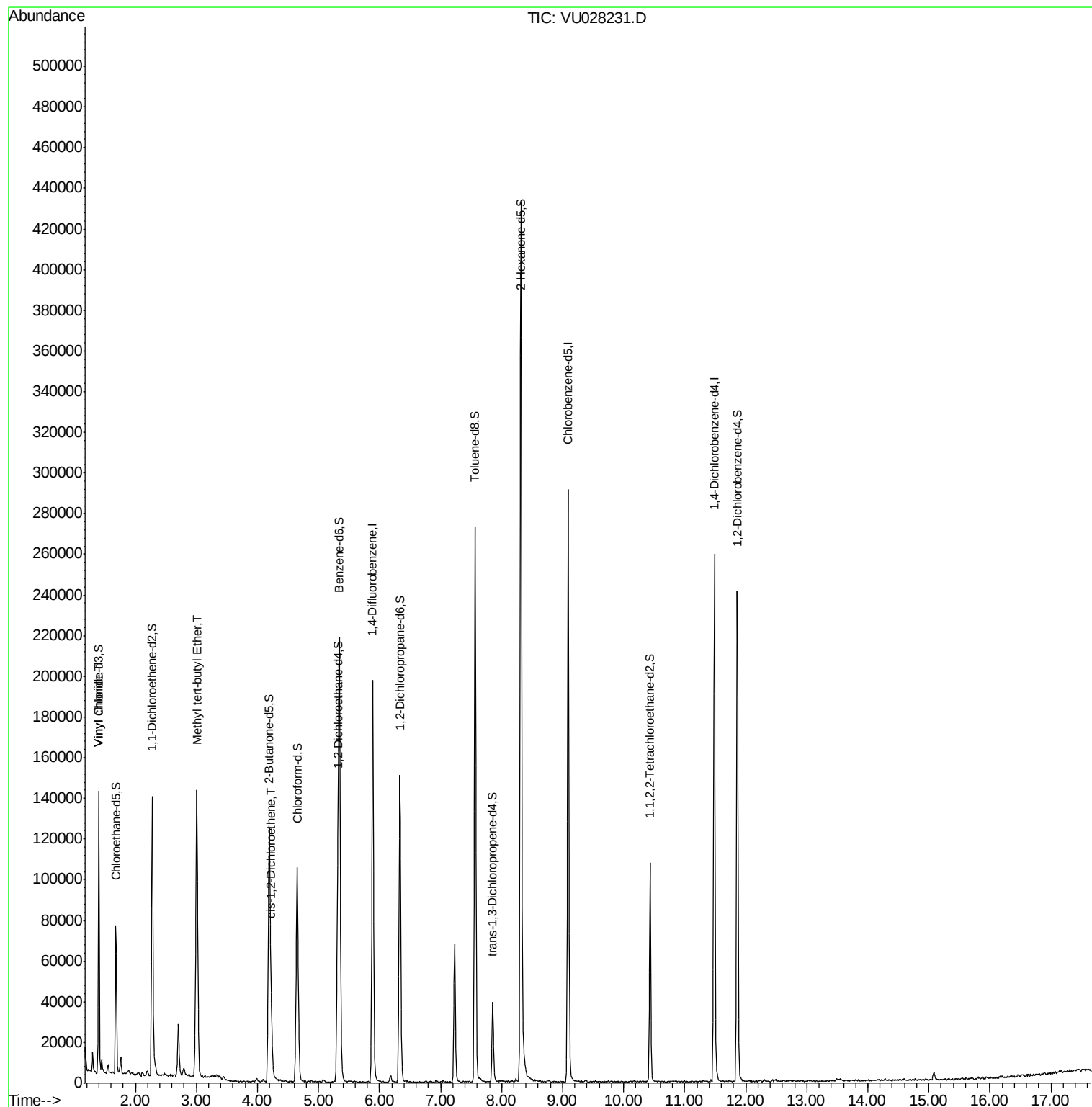
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	20484	1.33	ug/L	94
17) Methyl tert-butyl Ether	3.01	73	138096	4.92	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	6022	0.51	ug/L	93

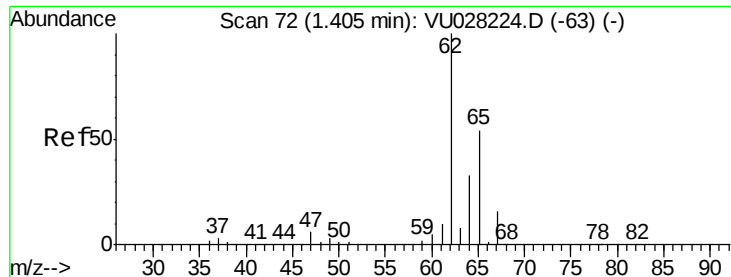
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.33 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

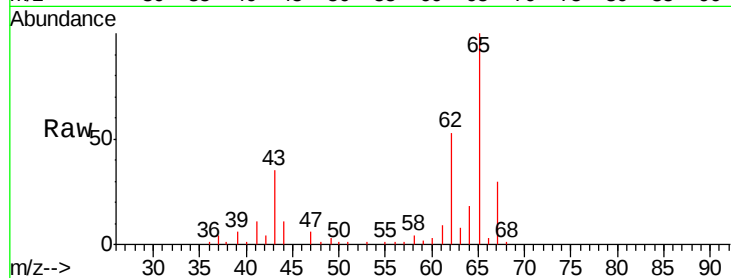
H0FJ5DL

Tgt Ion: 62 Resp: 20484

Ion Ratio Lower Upper

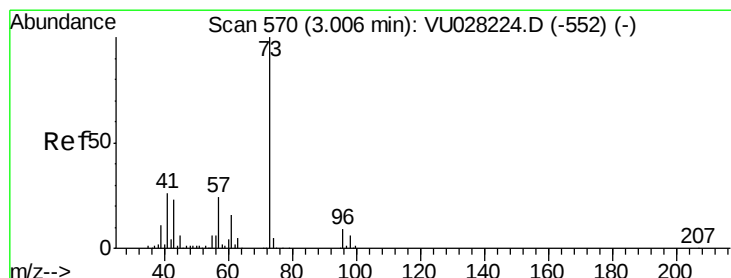
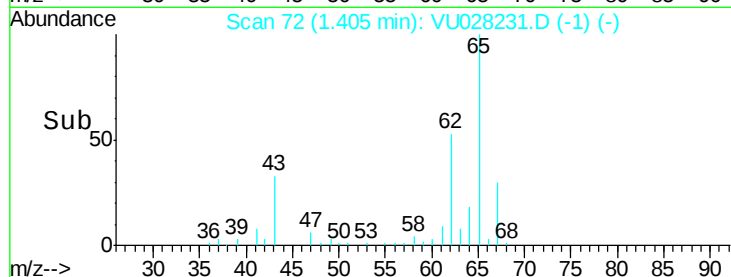
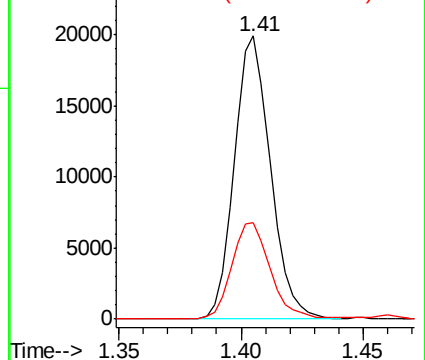
62 100

64 34.1 21.7 40.3



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: 4.92 ug/L

RT: 3.01 min Scan# 570

Delta R.T. -0.00 min

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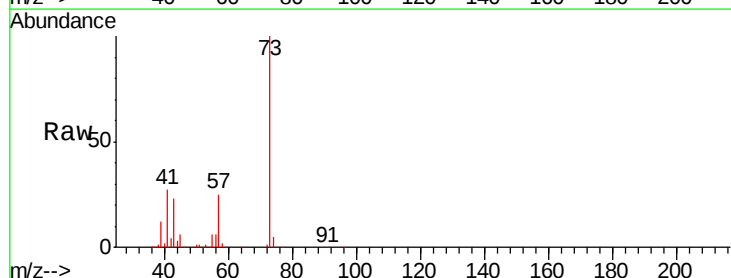
Tgt Ion: 73 Resp: 138096

Ion Ratio Lower Upper

73 100

43 23.8 18.8 28.2

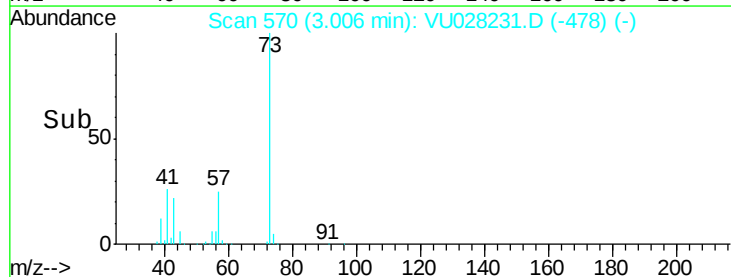
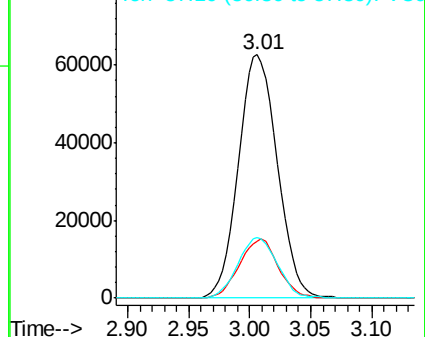
57 25.3 19.2 28.8

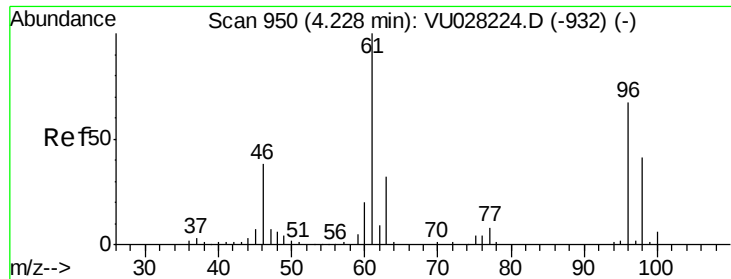


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#22
 cis-1,2-Dichloroethene
 Concen: 0.51 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
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Tgt Ion: 96 Resp: 6022
 Ion Ratio Lower Upper
 96 100
 61 162.8 108.0 200.6
 68 0.0 0.0 0.0

