

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026349.D
 Acq On : 24 Aug 2018 21:22
 Operator : MD/SY
 Sample : J4644-17 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM7

Quant Time: Aug 25 04:58:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	295292	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	293718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140943	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69830	38.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.54%
7) Chloroethane-d5	1.68	69	62527	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.14%
11) 1,1-Dichloroethene-d2	2.27	63	112184	31.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.38%
21) 2-Butanone-d5	4.18	46	140054	97.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.43%
24) Chloroform-d	4.65	84	180972	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.31	65	120621	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.35	84	341897	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
36) 1,2-Dichloropropane-d6	6.33	67	116146	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.08%
41) Toluene-d8	7.57	98	309985	41.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.54%
43) trans-1,3-Dichloropropene-	7.85	79	53956	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.78%
47) 2-Hexanone-d5	8.31	63	97502	90.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	164200	43.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	138256	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%

Target Compounds

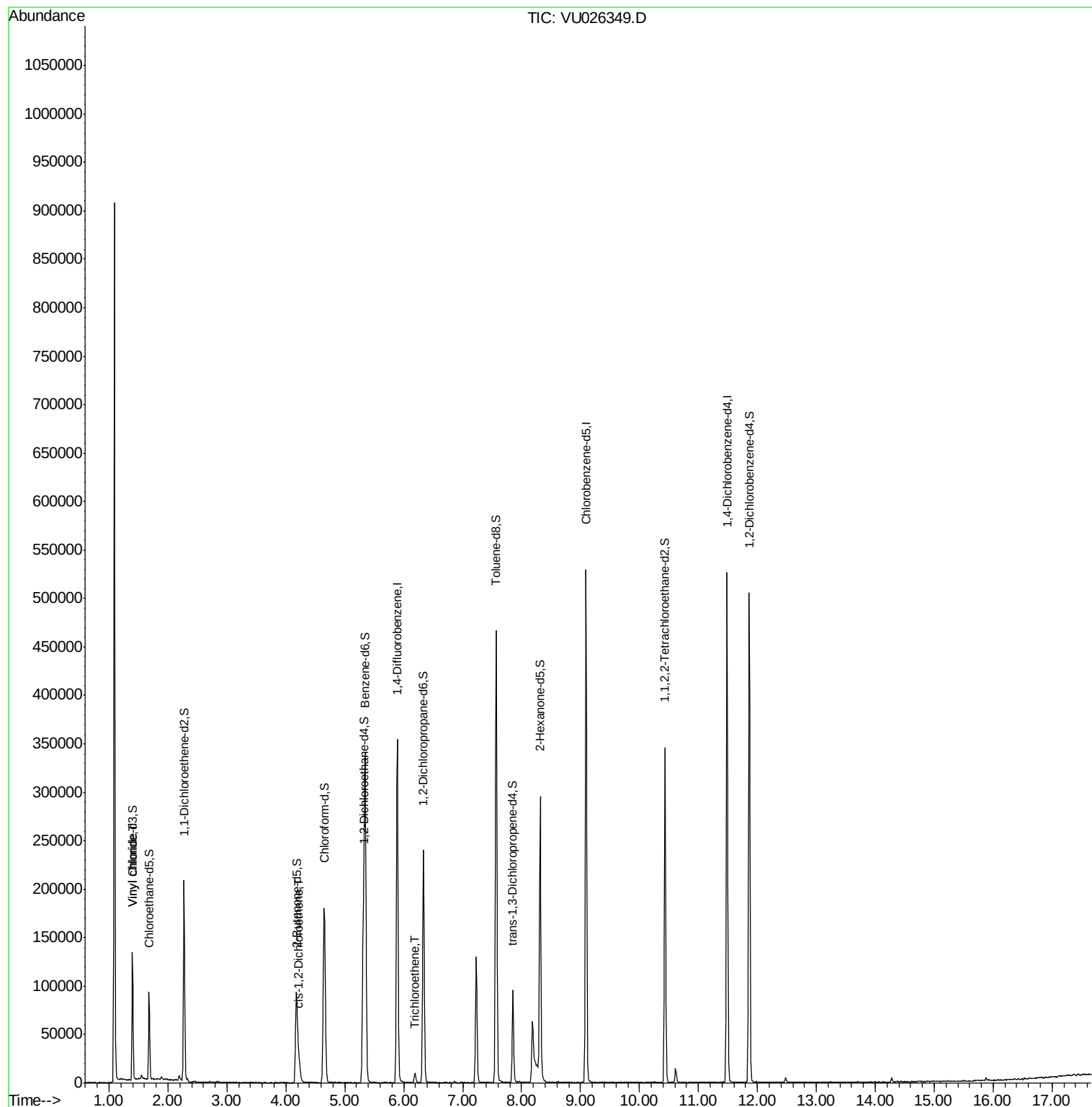
					Qvalue
5) Vinyl chloride	1.40	62	15255	7.083 ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	7772	3.675 ug/L	100
34) Trichloroethene	6.19	95	3627	1.713 ug/L #	79

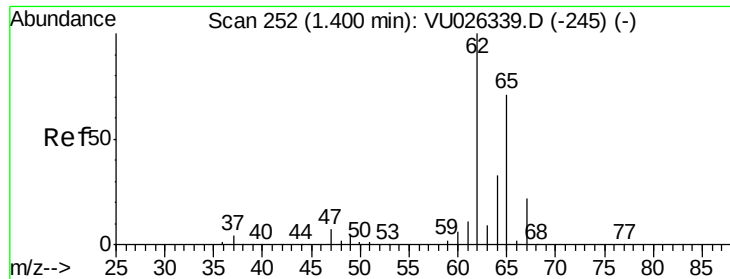
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.083 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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ClientSampleId :

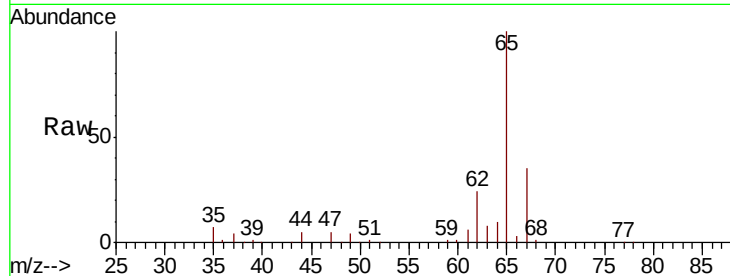
ETOM7

Tgt Ion: 62 Resp: 15255

Ion Ratio Lower Upper

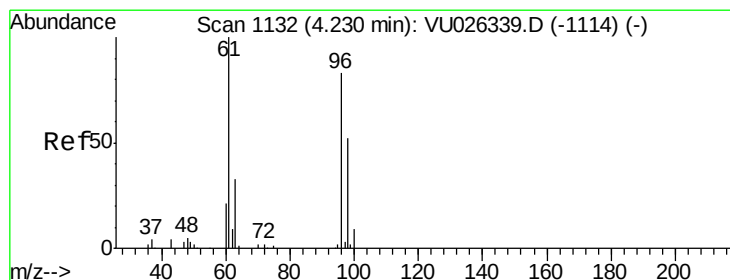
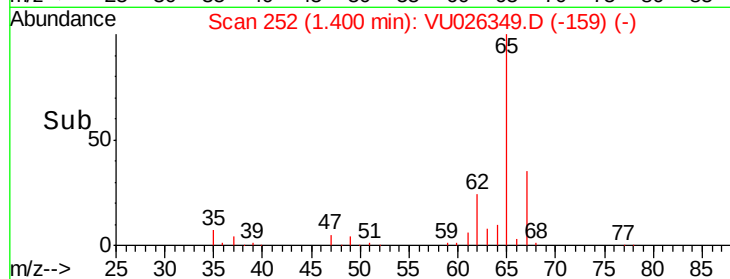
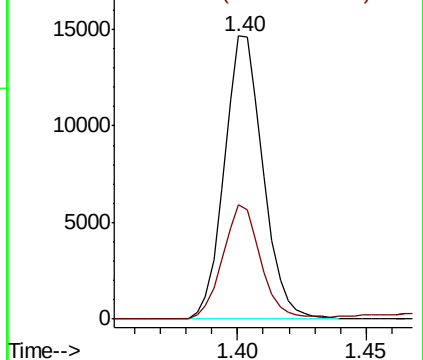
62 100

64 40.2 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 3.675 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

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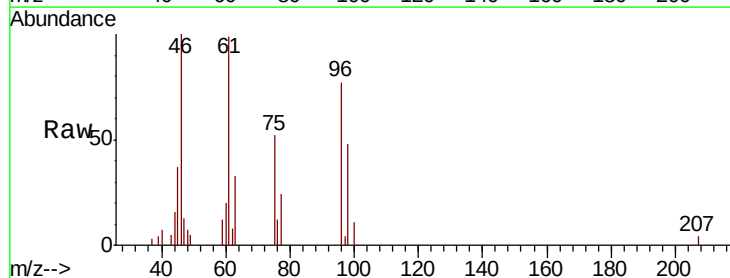
Tgt Ion: 96 Resp: 7772

Ion Ratio Lower Upper

96 100

61 129.1 90.3 167.7

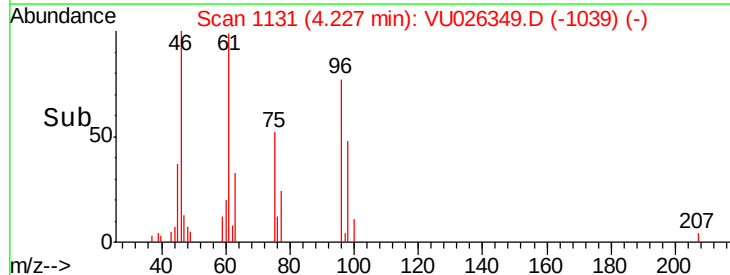
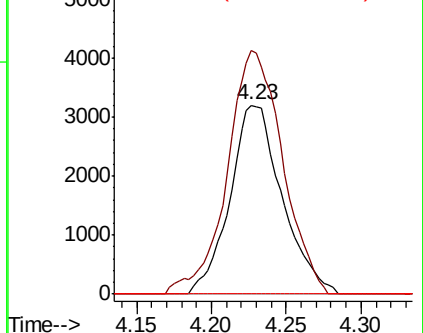
68 0.0 0.0 0.0

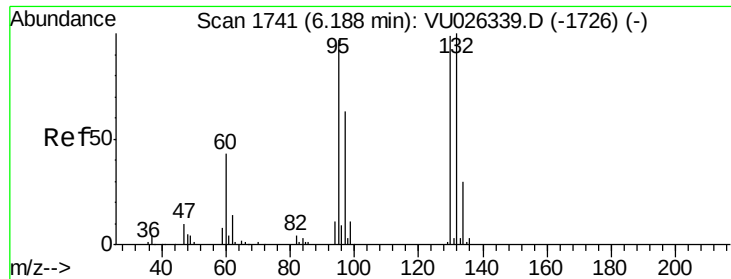


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 1.713 ug/L

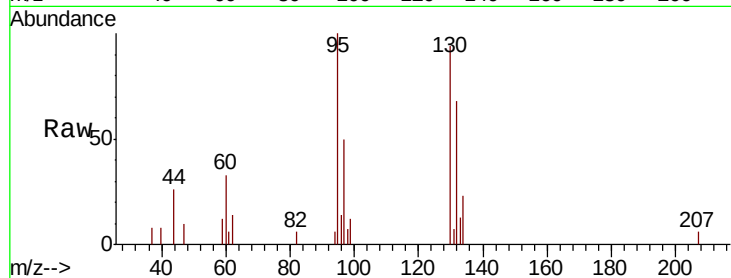
RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

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Tgt Ion:	95	Resp:	3627
Ion	Ratio	Lower	Upper
95	100		
97	50.2	47.2	87.6
132	67.8	70.2	130.4#
130	93.6	73.4	136.4

