

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026453.D
 Acq On : 30 Aug 2018 17:43
 Operator : MD/SY
 Sample : J4691-19 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE16

Quant Time: Aug 31 05:13:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	143573	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	135823	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42044	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.52%
7) Chloroethane-d5	1.68	69	38105	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.86%
11) 1,1-Dichloroethene-d2	2.27	63	58608	29.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.52%#
21) 2-Butanone-d5	4.18	46	67743	98.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	4.65	84	75806	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.31	65	52632	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
32) Benzene-d6	5.35	84	150342	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
36) 1,2-Dichloropropane-d6	6.33	67	51666	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.57	98	136051	45.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.04%
43) trans-1,3-Dichloropropene-	7.85	79	22589	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.00%
47) 2-Hexanone-d5	8.31	63	49117	99.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73496	46.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	53566	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

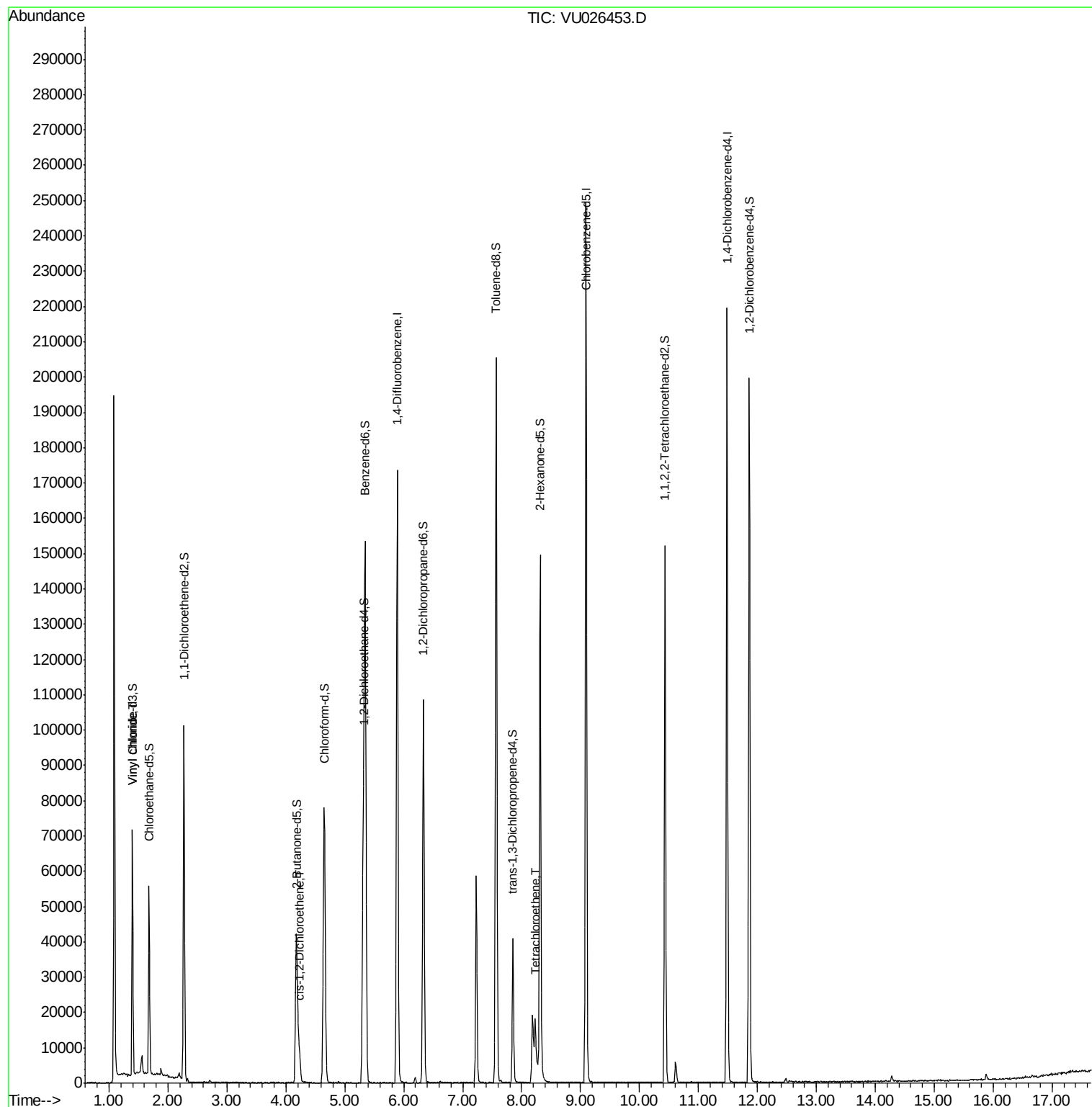
					Ovalue
5) Vinyl chloride	1.40	62	2676	1.79 ug/L	# 54
20) cis-1,2-Dichloroethene	4.23	96	3430	3.30 ug/L	84
46) Tetrachloroethene	8.23	164	2652	3.32 ug/L	96

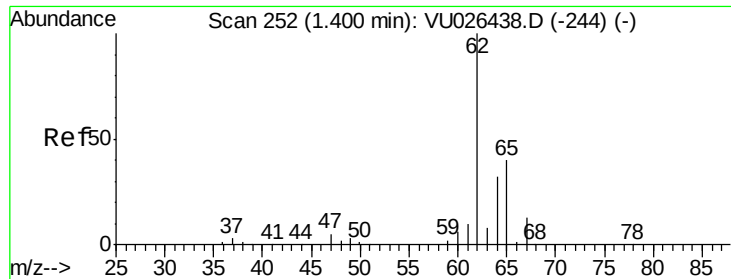
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.79 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026453.D

Acq: 30 Aug 2018 17:43

Instrument :

MSVOA_U

ClientSampled :

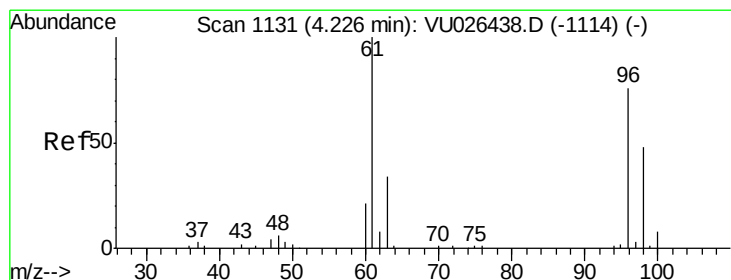
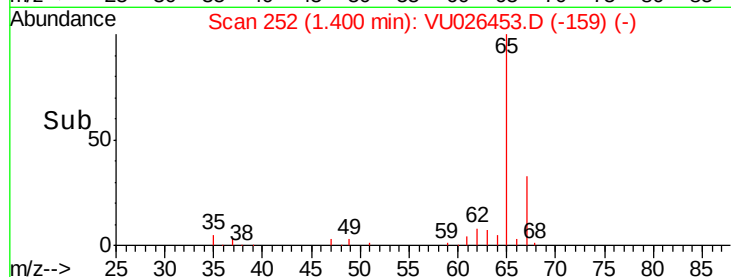
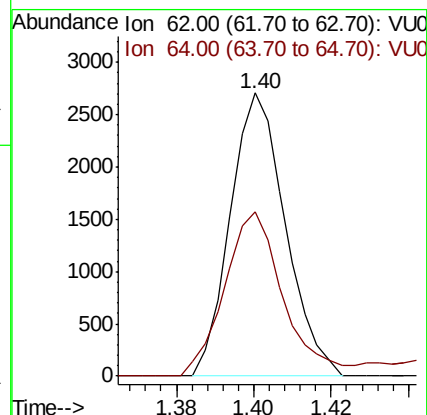
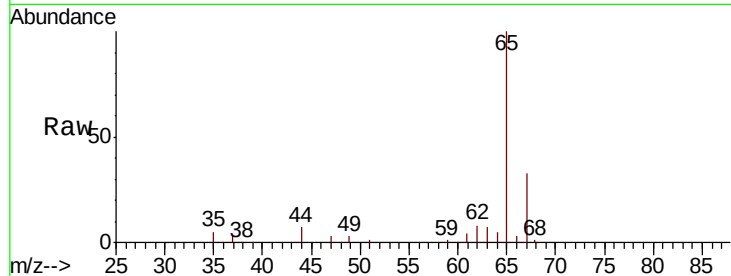
BEE16

Tot Ion: 62 Resp: 2676

Ion Ratio Lower Upper

62 100

64 57.9 22.4 41.6#



#20

cis-1,2-Dichloroethene

Concen: 3.30 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.01 min

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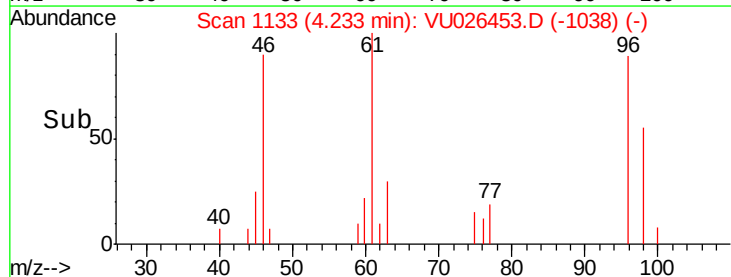
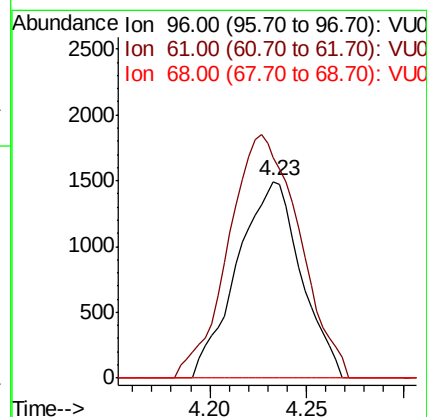
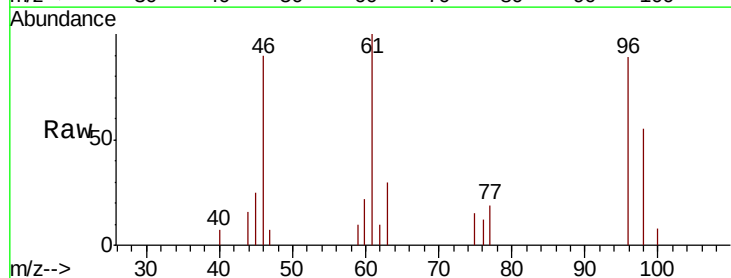
Tgt Ion: 96 Resp: 3430

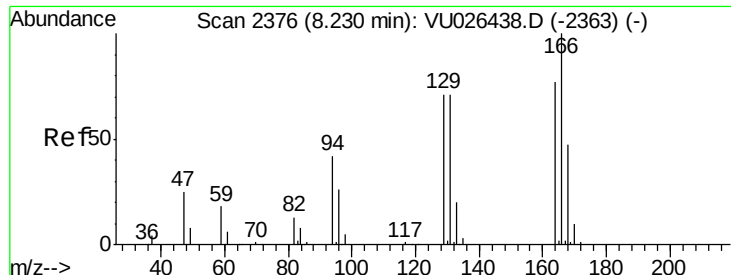
Ion Ratio Lower Upper

96 100

61 111.9 91.6 170.2

68 0.0 0.0 0.0

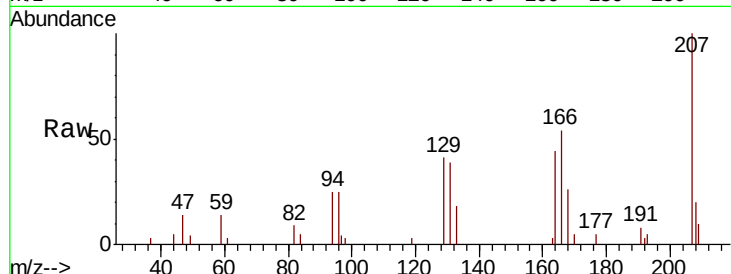




#46
Tetrachloroethene
Concen: 3.32 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
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Tot Ion:	164	Resp:	2652
Ion	Ratio	Lower	Upper
164	100		
129	93.1	67.3	125.1
131	88.6	65.3	121.3
166	124.9	90.9	168.7



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

