

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026479.D
 Acq On : 31 Aug 2018 04:10
 Operator : MD/SY
 Sample : J4694-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE38

Quant Time: Aug 31 07:01:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	158205	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38253	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.06%
7) Chloroethane-d5	1.68	69	35854	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.27	63	56952	25.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.60%#
21) 2-Butanone-d5	4.18	46	64870	85.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.27%
24) Chloroform-d	4.65	84	74501	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.48%
26) 1,2-Dichloroethane-d4	5.31	65	51353	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
32) Benzene-d6	5.34	84	149081	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
36) 1,2-Dichloropropane-d6	6.33	67	51015	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.76%
41) Toluene-d8	7.57	98	135132	40.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.78%
43) trans-1,3-Dichloropropene-	7.85	79	21327	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.42%
47) 2-Hexanone-d5	8.31	63	46496	86.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71355	41.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	52882	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%

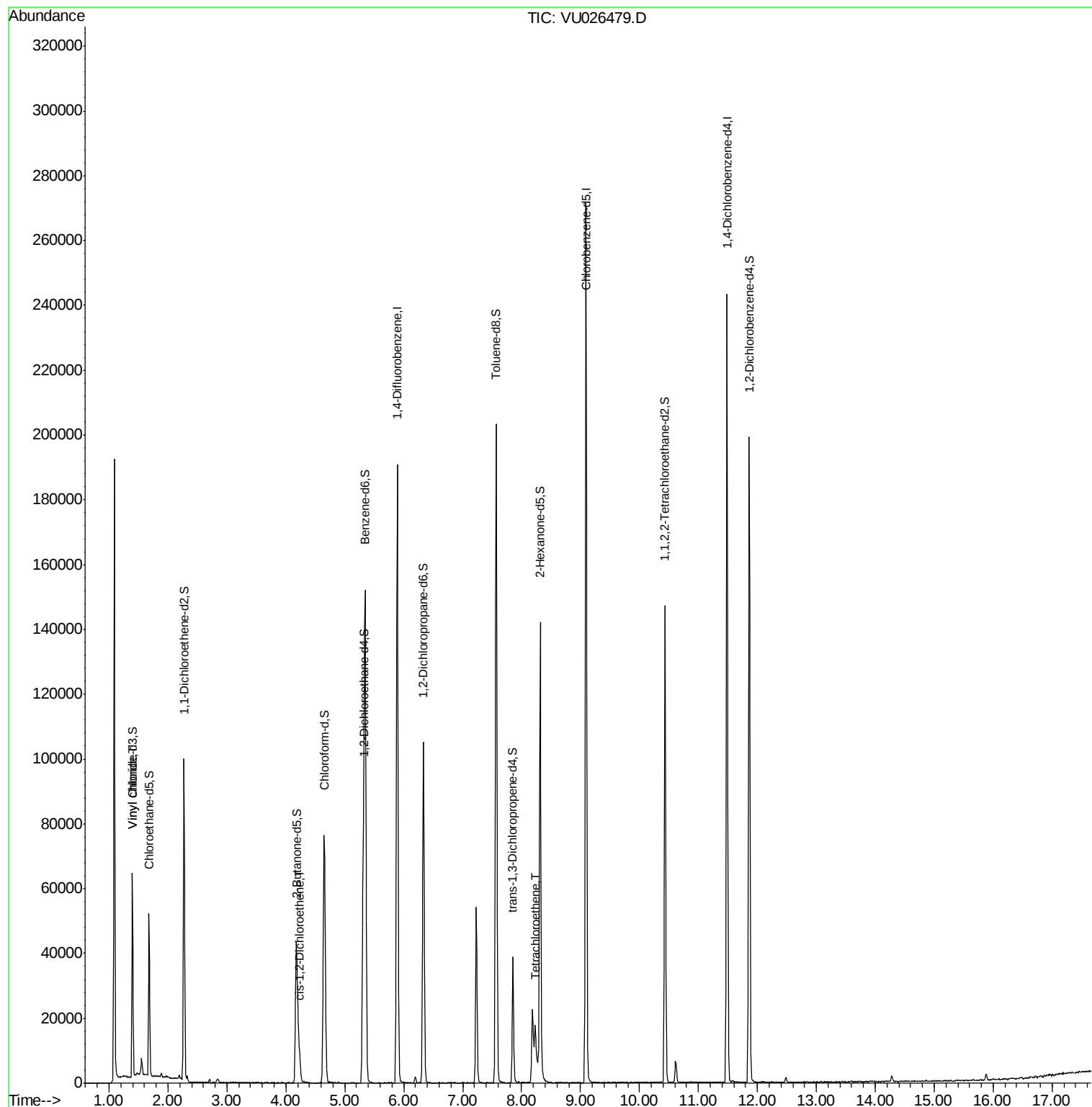
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	2158	1.31 ug/L	# 63
20) cis-1,2-Dichloroethene	4.23	96	3743	3.27 ug/L	99
46) Tetrachloroethene	8.23	164	2538	2.91 ug/L	90

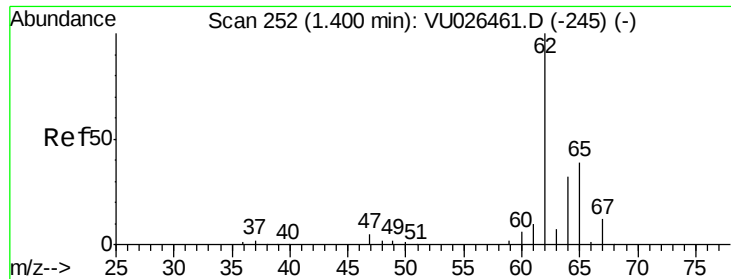
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.31 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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Acq: 31 Aug 2018 04:10

Instrument :

MSVOA_U

ClientSampleId :

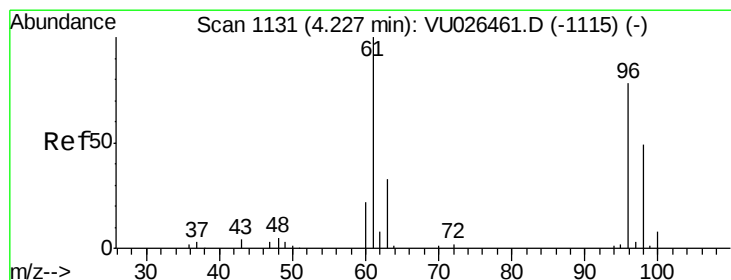
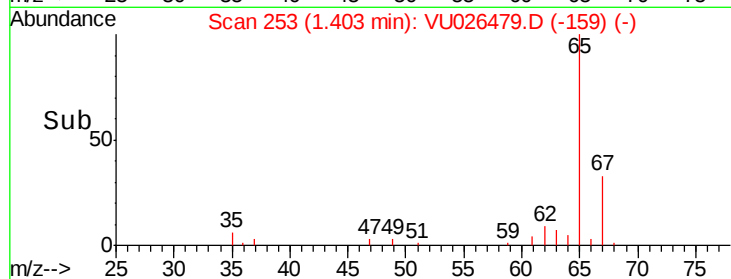
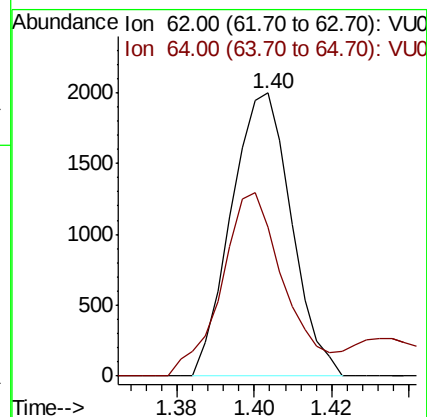
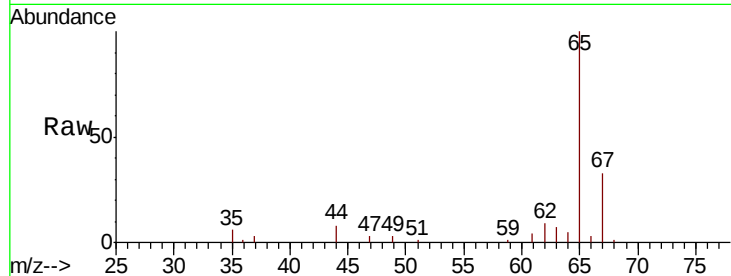
BEE38

Tot Ion: 62 Resp: 2158

Ion Ratio Lower Upper

62 100

64 52.7 22.4 41.6#



#20

cis-1,2-Dichloroethene

Concen: 3.27 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.01 min

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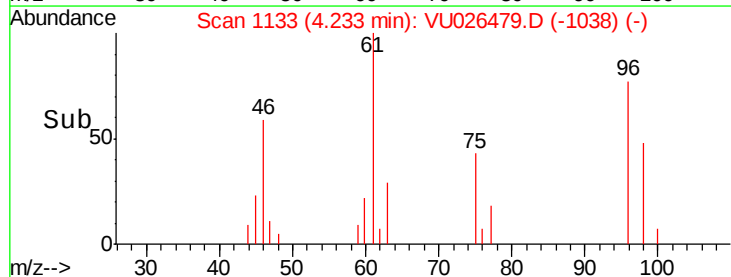
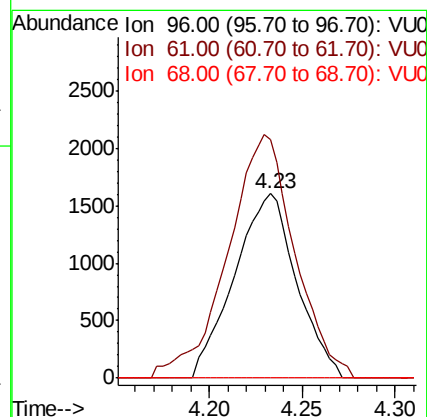
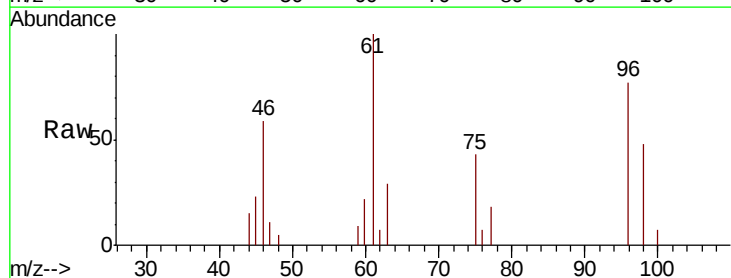
Tgt Ion: 96 Resp: 3743

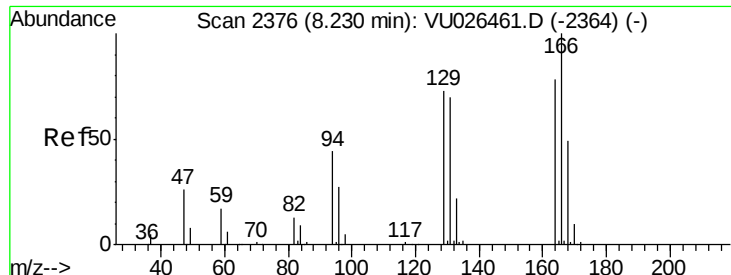
Ion Ratio Lower Upper

96 100

61 129.4 91.6 170.2

68 0.0 0.0 0.0





#46

Tetrachloroethene

Concen: 2.91 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026479.D

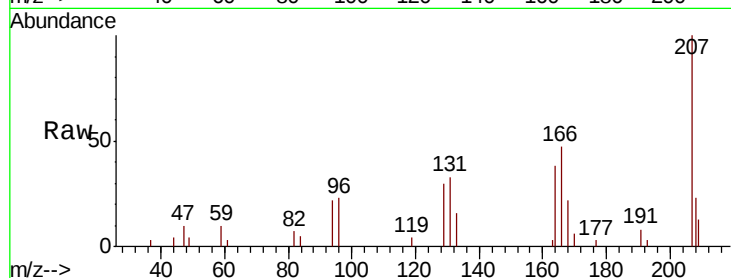
Acq: 31 Aug 2018 04:10

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Tot Ion:164 Resp: 2538

Ion Ratio Lower Upper

164 100

129 79.7 67.3 125.1

131 86.3 65.3 121.3

166 122.5 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

