

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026460.D
 Acq On : 30 Aug 2018 20:26
 Operator : MD/SY
 Sample : J4694-06 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE24

Quant Time: Aug 31 05:31:41 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	149161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	58218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41160	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.08%
7) Chloroethane-d5	1.68	69	38128	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.36%
11) 1,1-Dichloroethene-d2	2.27	63	56224	27.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.02%#
21) 2-Butanone-d5	4.18	46	67067	93.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.50%
24) Chloroform-d	4.65	84	75319	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.30%
26) 1,2-Dichloroethane-d4	5.31	65	51988	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.35	84	151388	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.33	67	52559	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.57	98	137945	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	22336	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
47) 2-Hexanone-d5	8.31	63	48200	95.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71923	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	54094	51.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.42%

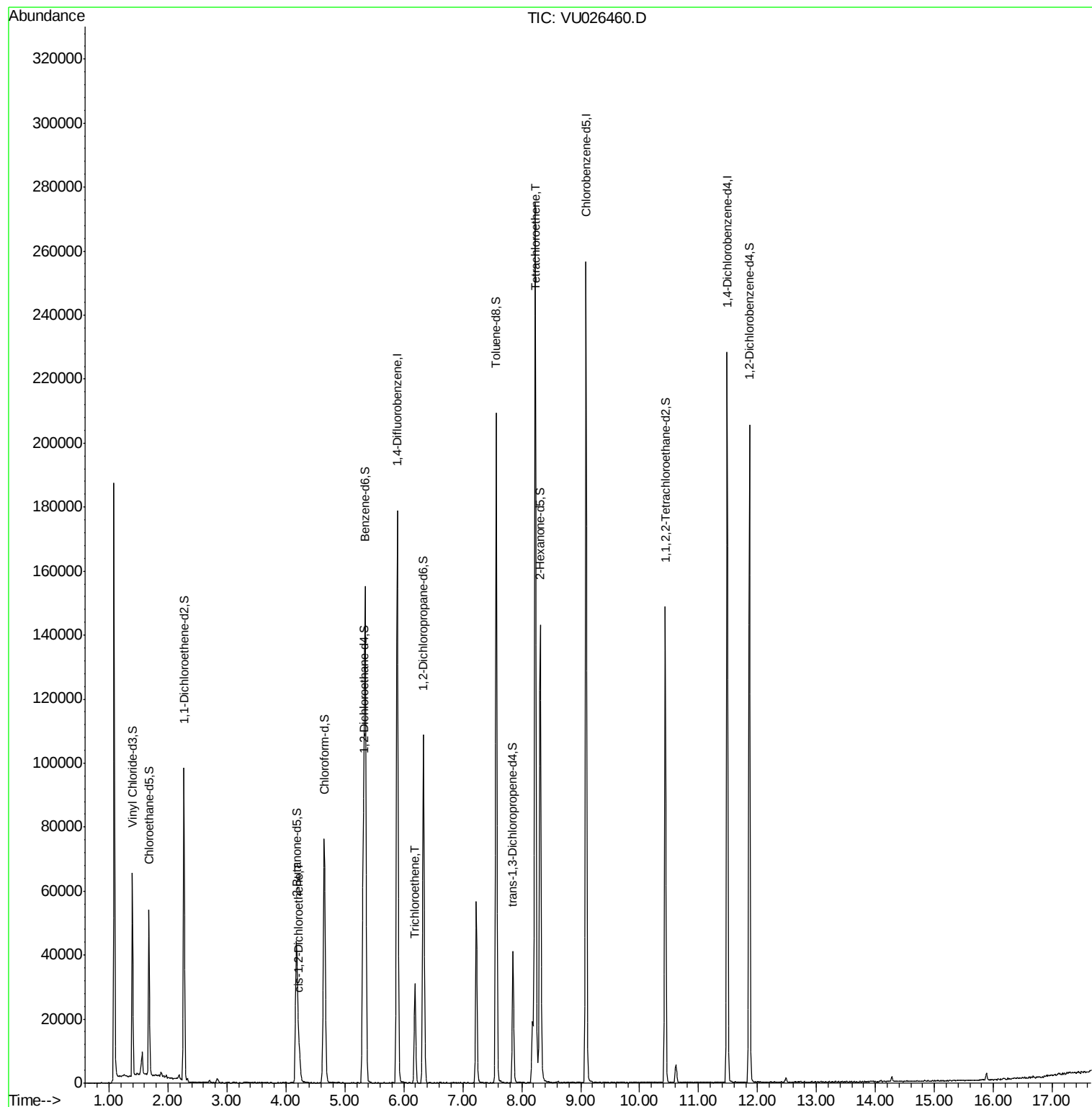
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	3930	3.64	ug/L	87
34) Trichloroethene	6.19	95	10818	10.77	ug/L	97
46) Tetrachloroethene	8.23	164	59793	72.83	ug/L	97

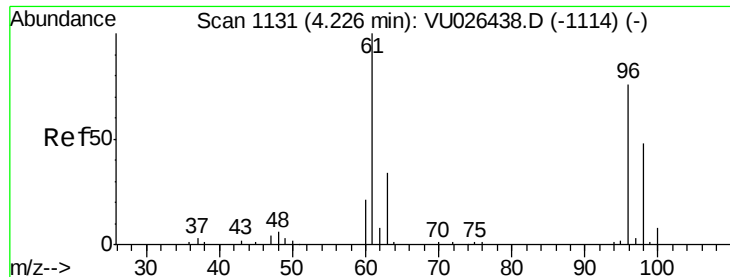
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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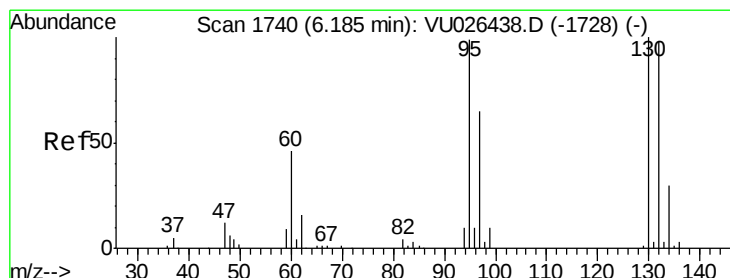
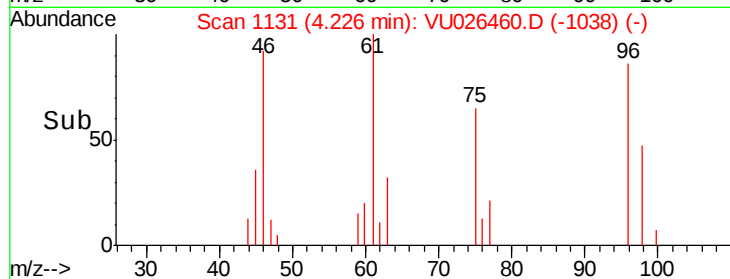
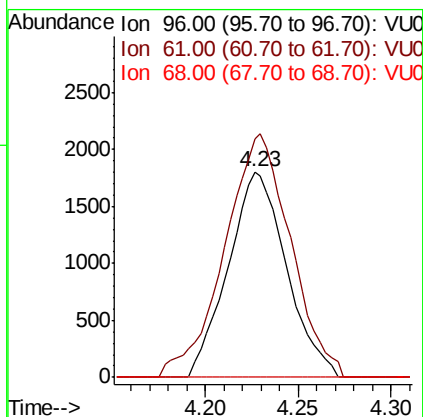
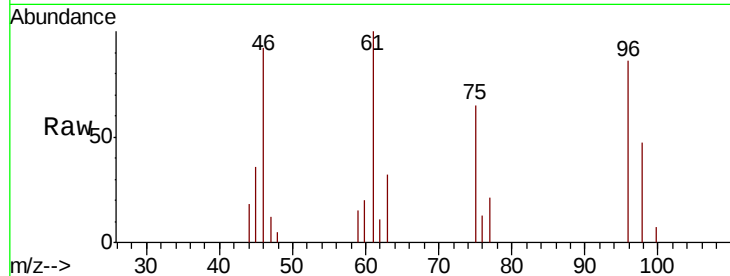




#20
 cis-1,2-Dichloroethene
 Concen: 3.64 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

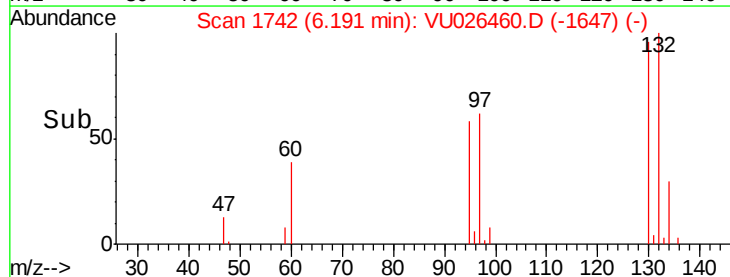
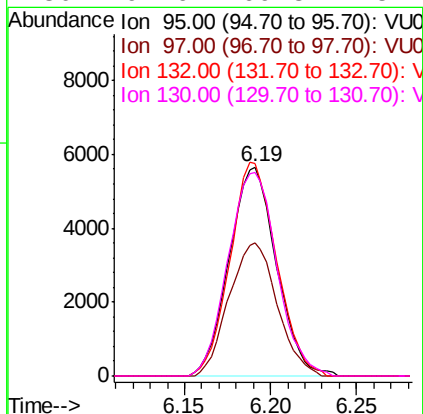
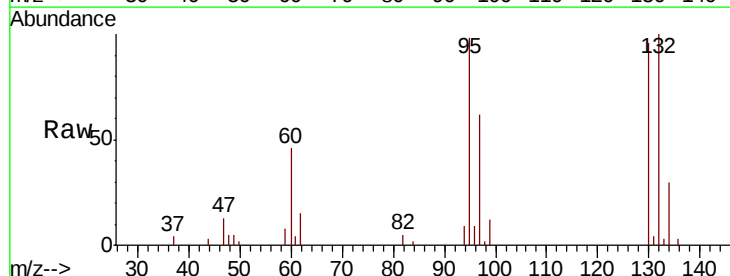
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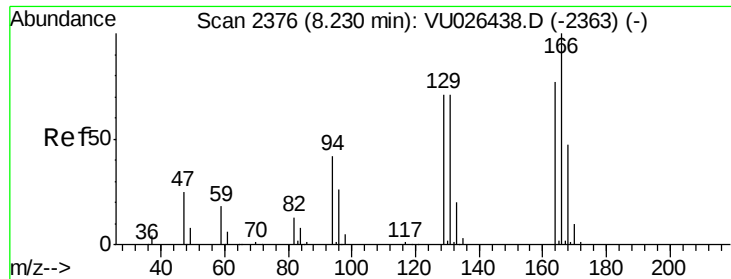
Tot Ion: 96 Resp: 3930
 Ion Ratio Lower Upper
 96 100
 61 115.9 91.6 170.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 10.77 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

Tgt Ion: 95 Resp: 10818
 Ion Ratio Lower Upper
 95 100
 97 63.7 45.1 83.7
 132 101.9 67.5 125.3
 130 97.6 69.3 128.7





#46

Tetrachloroethene

Concen: 72.83 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026460.D

Acq: 30 Aug 2018 20:26

Instrument :

MSVOA_U

ClientSampleId :

BEE24

Tot Ion:164 Resp: 59793

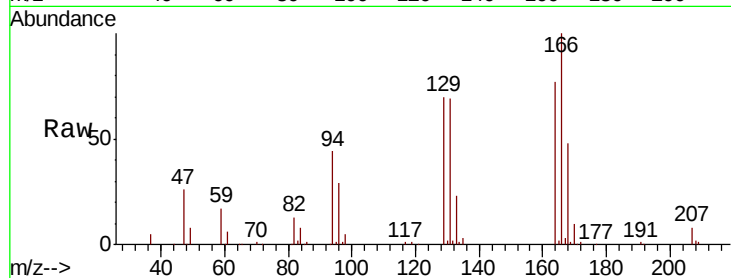
Ion Ratio Lower Upper

164 100

129 90.6 67.3 125.1

131 88.8 65.3 121.3

166 129.1 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

