

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026457.D
 Acq On : 30 Aug 2018 19:16
 Operator : MD/SY
 Sample : J4694-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE21

Quant Time: Aug 31 05:22:23 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	150920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65290	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42392	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.68	69	38670	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.58%
11) 1,1-Dichloroethene-d2	2.27	63	57002	27.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.14%#
21) 2-Butanone-d5	4.18	46	66041	91.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.00%
24) Chloroform-d	4.65	84	76485	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
26) 1,2-Dichloroethane-d4	5.31	65	53859	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.35	84	154735	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.33	67	53295	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.78%
41) Toluene-d8	7.57	98	145309	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%
43) trans-1,3-Dichloropropene-	7.85	79	23261	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.31	63	51975	97.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	75198	43.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	59469	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

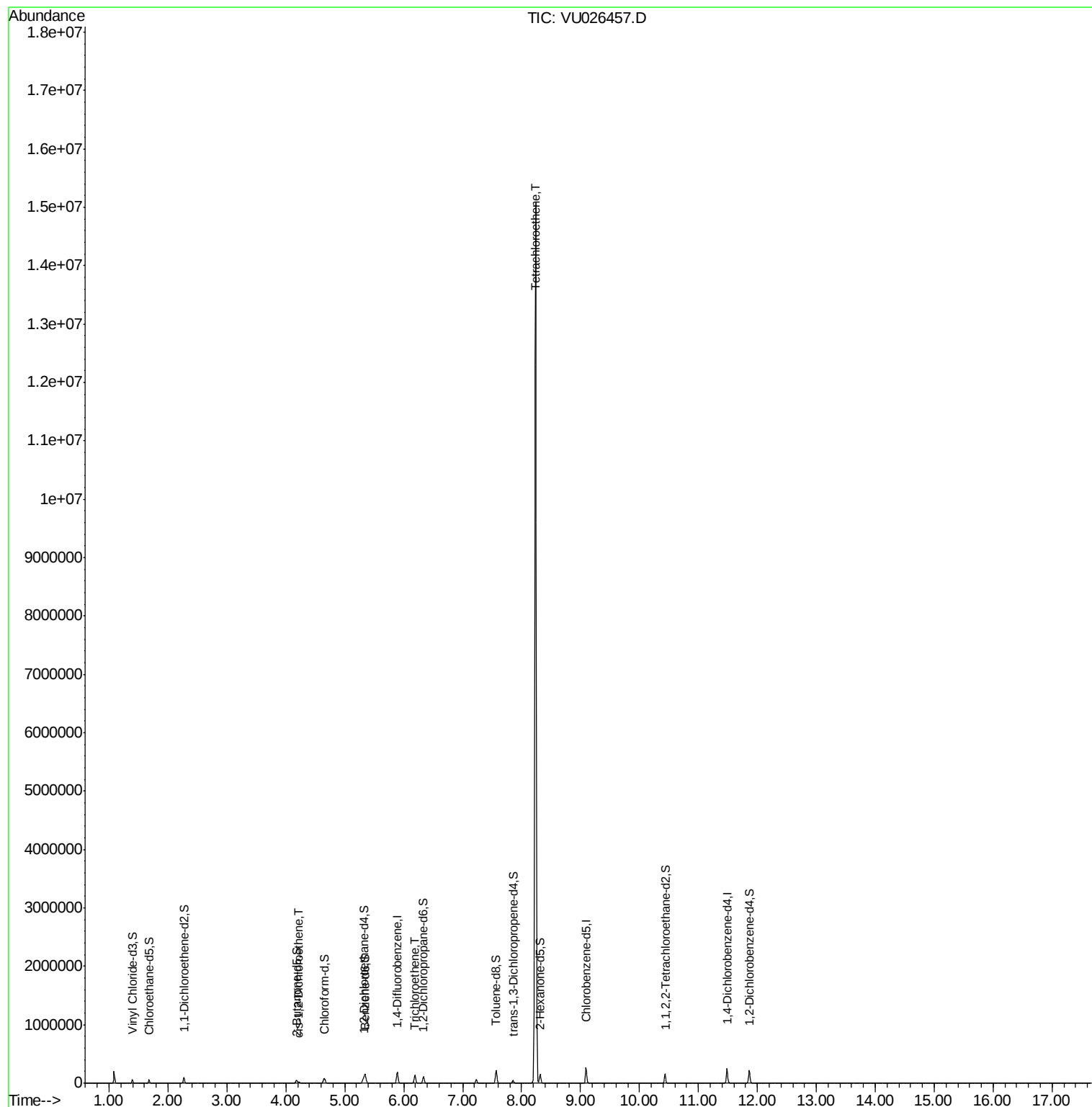
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	4000	3.66	ug/L	86
34) Trichloroethene	6.19	95	49522	46.95	ug/L	98
46) Tetrachloroethene	8.24	164	3171734	3677.82	ug/L	97

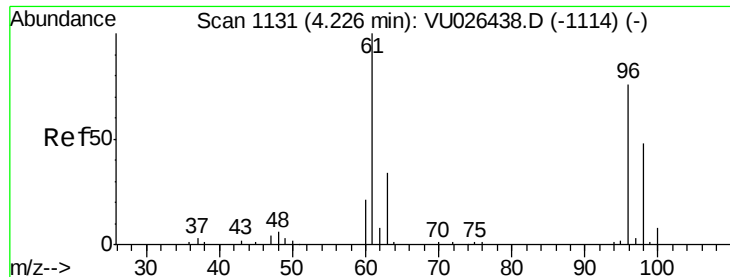
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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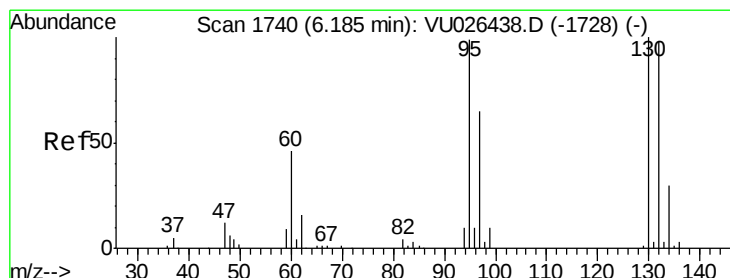
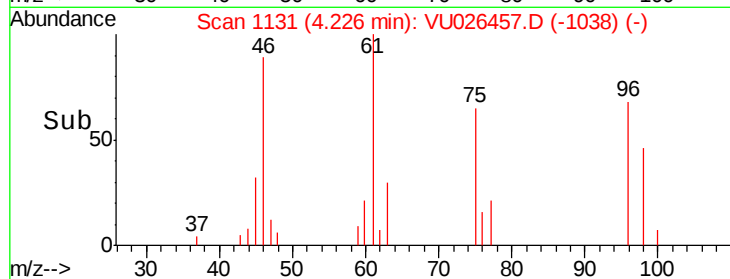
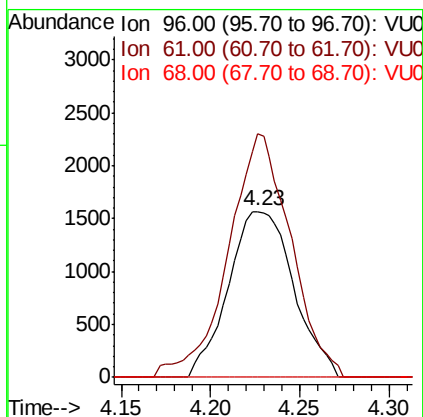
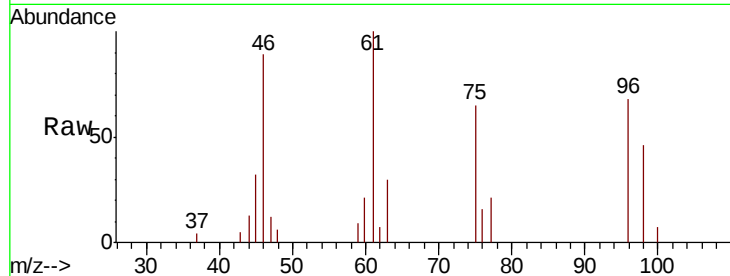




#20
 cis-1,2-Dichloroethene
 Concen: 3.66 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026457.D
 Acq: 30 Aug 2018 19:16

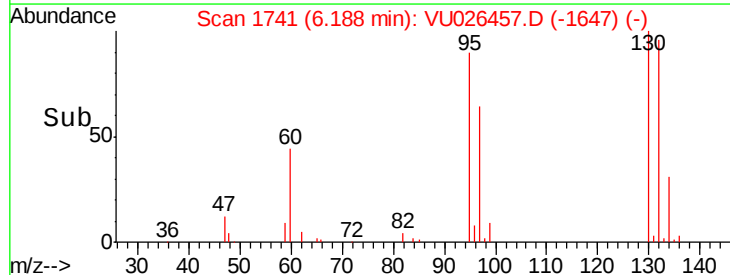
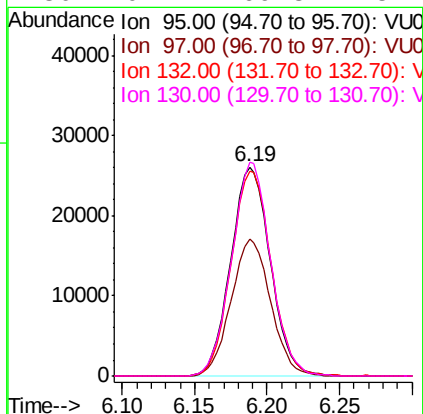
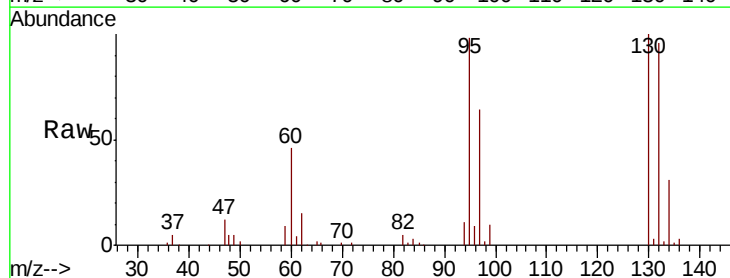
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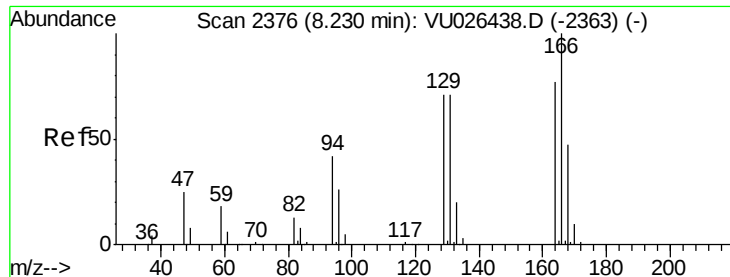
Tot Ion: 96 Resp: 4000
 Ion Ratio Lower Upper
 96 100
 61 147.0 91.6 170.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 46.95 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026457.D
 Acq: 30 Aug 2018 19:16

Tgt Ion: 95 Resp: 49522
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.1 83.7
 132 98.1 67.5 125.3
 130 102.1 69.3 128.7





#46

Tetrachloroethene

Concen: 3677.82 ug/L

RT: 8.24 min Scan# 2378

Delta R.T. 0.01 min

Lab File: VU026457.D

Acq: 30 Aug 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

BEE21

Tot Ion:164 Resp: 3171734

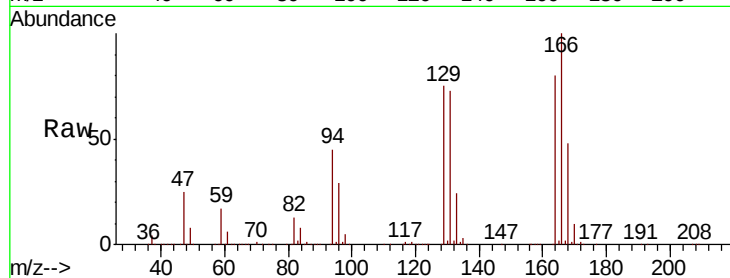
Ion Ratio Lower Upper

164 100

129 94.4 67.3 125.1

131 91.4 65.3 121.3

166 125.6 90.9 168.7

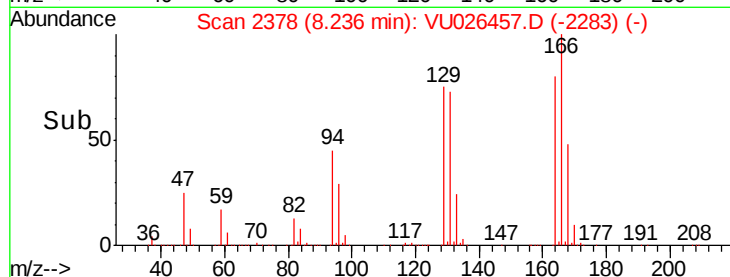


Abundance Ion 164.00 (163.70 to 164.70): V

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



Time-->

