

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026442.D
 Acq On : 30 Aug 2018 13:25
 Operator : MD/SY
 Sample : J4691-08 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE05

Manual Integrations
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Quant Time: Aug 31 09:45:14 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	110338	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	45031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39148	57.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.54%
7) Chloroethane-d5	1.68	69	35418	57.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.72%
11) 1,1-Dichloroethene-d2	2.27	63	62327	40.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.96%
21) 2-Butanone-d5	4.18	46	59186	111.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.55%
24) Chloroform-d	4.65	84	69588	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
26) 1,2-Dichloroethane-d4	5.31	65	47244	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
32) Benzene-d6	5.34	84	137276	56.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.36%
36) 1,2-Dichloropropane-d6	6.33	67	46605	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.02%
41) Toluene-d8	7.57	98	124335	53.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.36%
43) trans-1,3-Dichloropropene-	7.85	79	20338	53.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.06%
47) 2-Hexanone-d5	8.31	63	42029	110.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.14%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	65700	53.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	48794	59.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.44%

Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	4.23	96	4088m	5.12	ug/L	
34) Trichloroethene	6.19	95	3871	5.12	ug/L	96
46) Tetrachloroethene	8.23	164	28005	45.33	ug/L	95

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

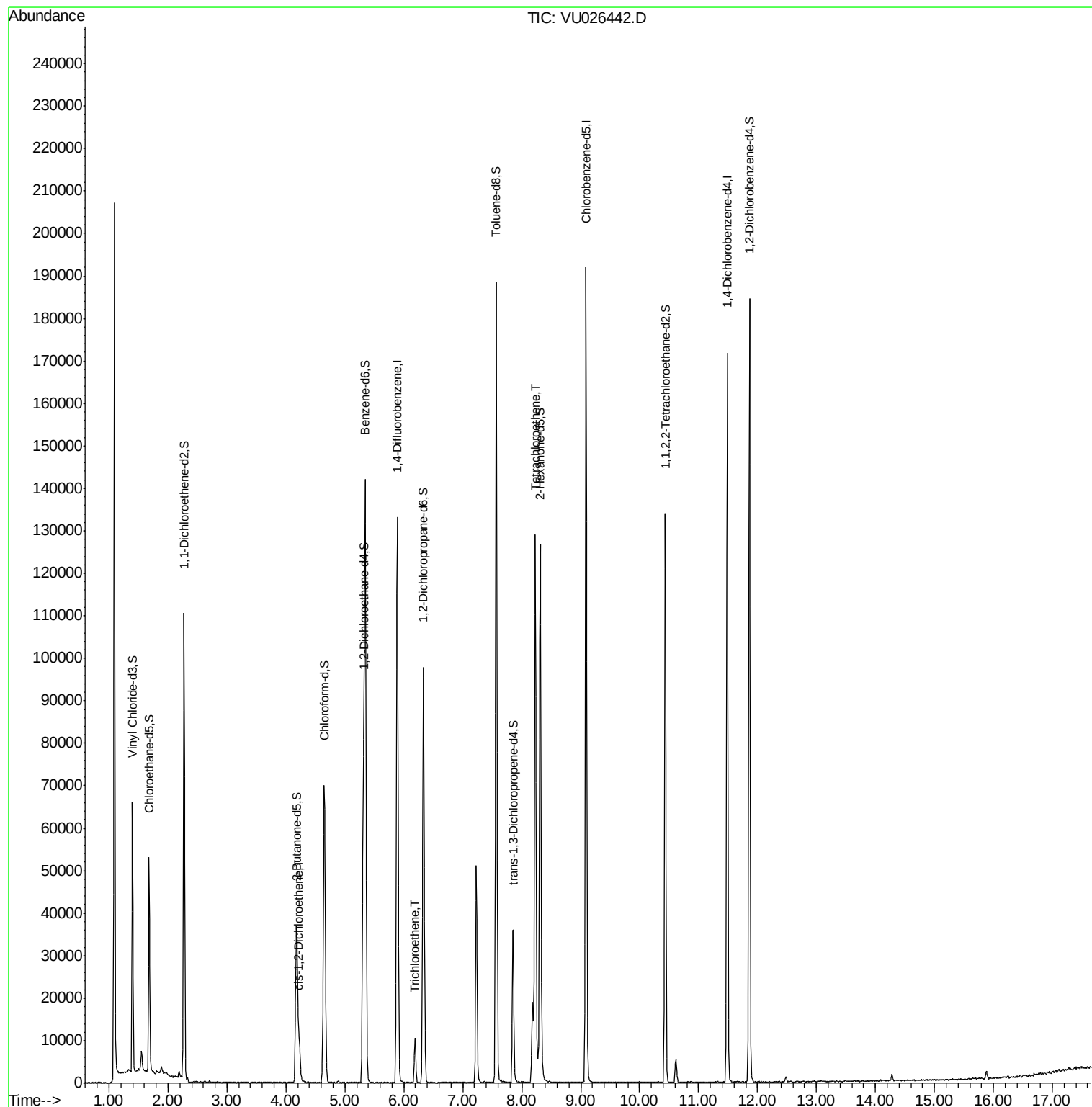
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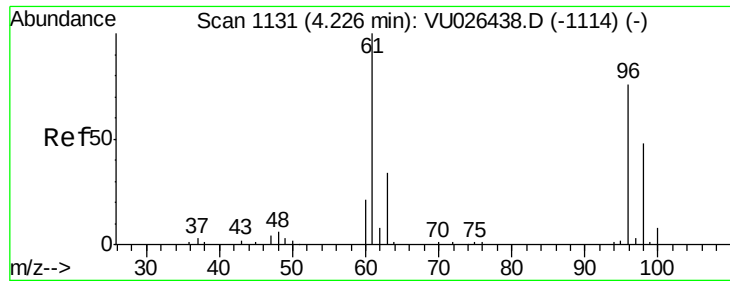
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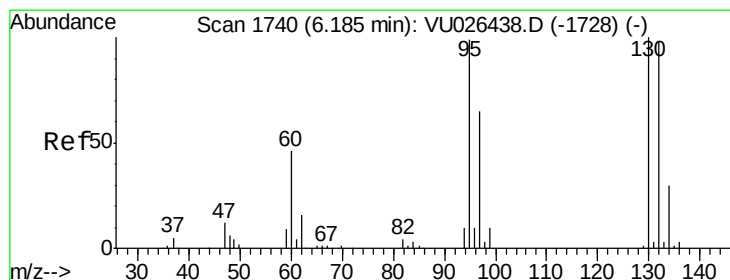
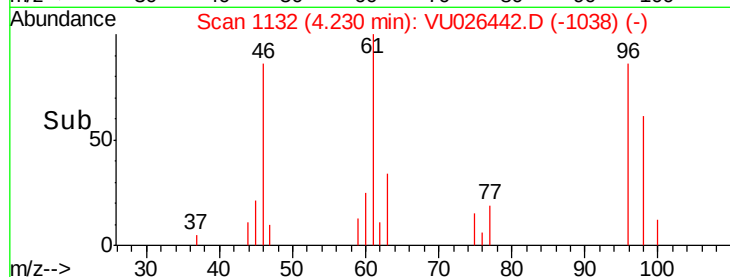
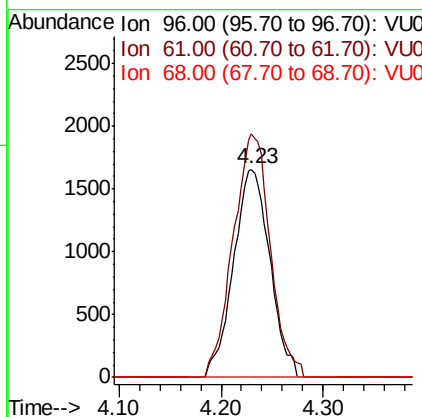
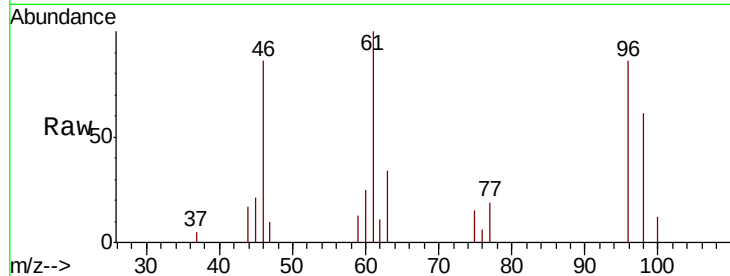
#20
 cis-1,2-Dichloroethene
 Concen: 5.12 ug/L m
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026442.D
 Acq: 30 Aug 2018 13:25

Instrument :
 MSVOA_U
 ClientSampled :
 BEE05

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.9	91.6	170.2
68	0.0	0.0	0.0

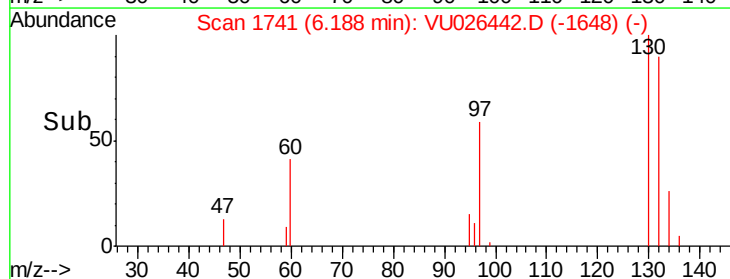
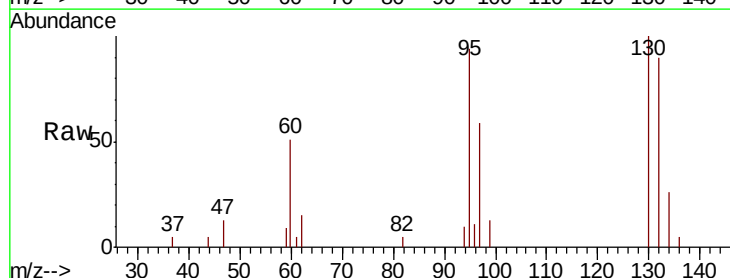
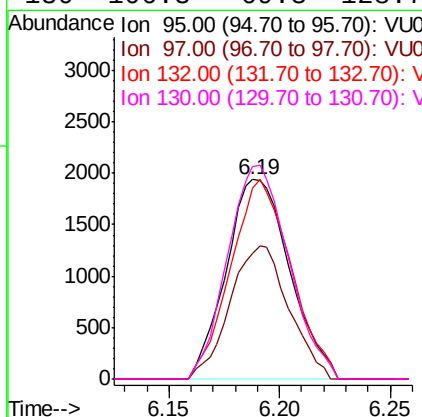
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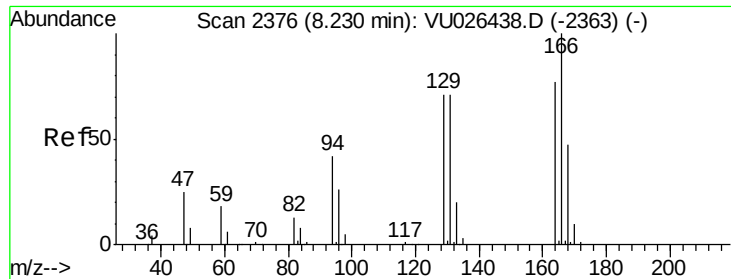
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#34
 Trichloroethene
 Concen: 5.12 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026442.D
 Acq: 30 Aug 2018 13:25

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.1	83.7
132	95.4	67.5	125.3
130	106.3	69.3	128.7





#46
Tetrachloroethene
Concen: 45.33 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026442.D
Acq: 30 Aug 2018 13:25

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
129	90.9	67.3	125.1
131	89.4	65.3	121.3
166	122.4	90.9	168.7

Manual Integrations
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