

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030069.D
 Acq On : 14 Mar 2019 13:16
 Operator : JC/SP
 Sample : K1838-13DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:22:25 AM

Quant Time: Mar 15 02:17:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 01:21:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470748	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152044	48.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.66%
7) Chloroethane-d5	1.68	69	121323	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.27	63	203487	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.42%
21) 2-Butanone-d5	4.17	46	209538	89.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.82%
24) Chloroform-d	4.65	84	256468	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.31	65	154134	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
32) Benzene-d6	5.34	84	564641	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.33	67	173802	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.56	98	514227	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	77660	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.31	63	179336	88.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	248320	44.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	206035	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) cis-1,2-Dichloroethene	4.22	96	5518m	1.509	ug/L	
46) Tetrachloroethene	8.22	164	95628	31.823	ug/L	98

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

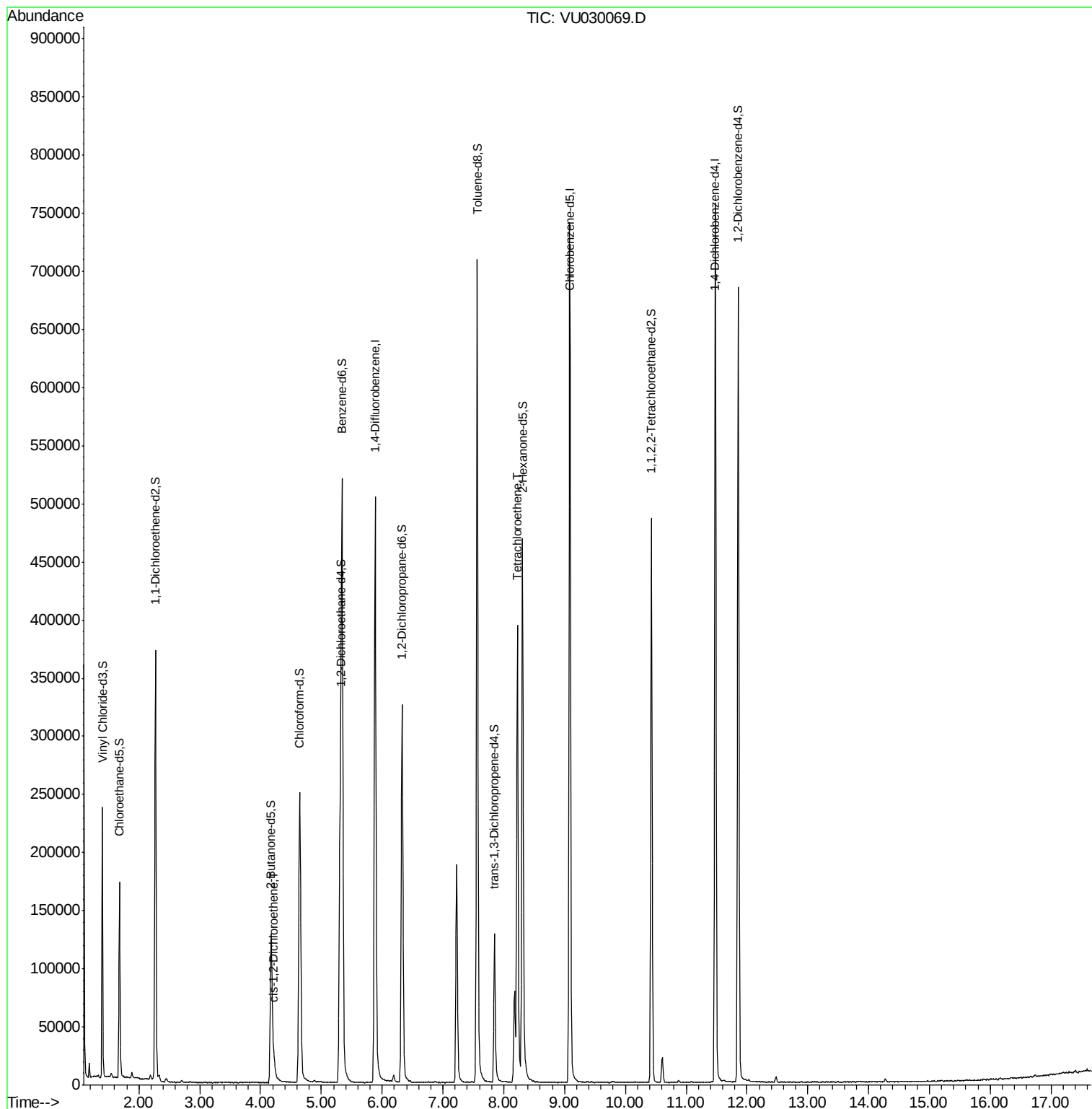
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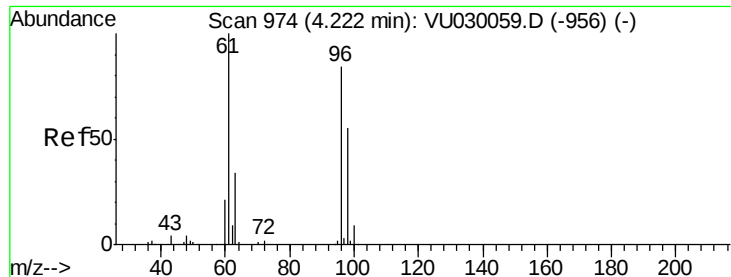
Instrument :
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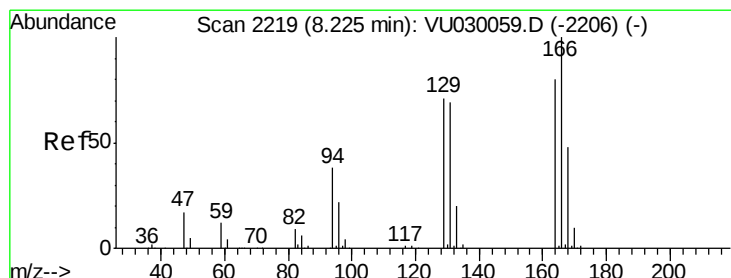
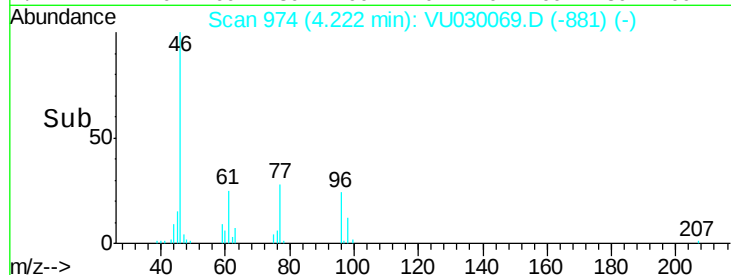
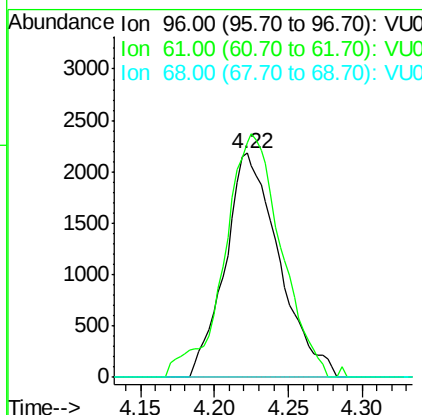
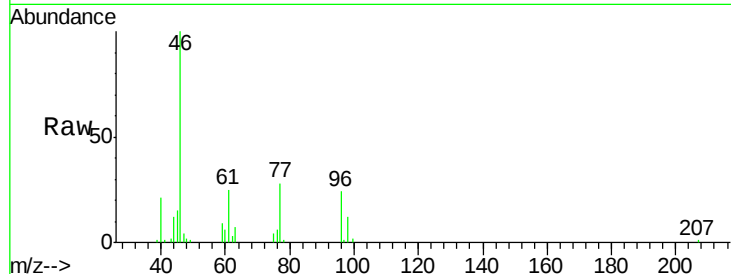
#20
 cis-1,2-Dichloroethene
 Concen: 1.509 ug/L m
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030069.D
 Acq: 14 Mar 2019 13:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

Tgt Ion	Ratio	Lower	Upper
96	100		
61	104.6	80.8	150.2
68	0.0	0.0	0.0

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 31.823 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU030069.D
 Acq: 14 Mar 2019 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.4	63.3	117.7
131	87.2	62.0	115.2
166	126.5	90.5	168.1

