

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031718.D
 Acq On : 02 May 2019 17:38
 Operator : JC/SP
 Sample : K2661-05 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B25

Manual Integrations
 APPROVED

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 5/3/2019 10:38:57 AM

Quant Time: May 03 07:40:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 07:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	947686	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	879581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	365391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	369976	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.30%
7) Chloroethane-d5	1.68	69	290638	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.84%
11) 1,1-Dichloroethene-d2	2.27	63	529922m	33.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.10%
21) 2-Butanone-d5	4.19	46	699529	97.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.34%
24) Chloroform-d	4.64	84	598901	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.46%
26) 1,2-Dichloroethane-d4	5.31	65	394705	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.18%
32) Benzene-d6	5.33	84	1274387	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
36) 1,2-Dichloropropane-d6	6.32	67	431971	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.92%
41) Toluene-d8	7.56	98	1087604	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.85	79	186679	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.31	63	455026	110.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	544276	42.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	353323	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	30316	3.668 ug/L	98
34) Trichloroethene	6.18	95	107699	13.739 ug/L	97
46) Tetrachloroethene	8.22	164	78000	14.595 ug/L	96

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

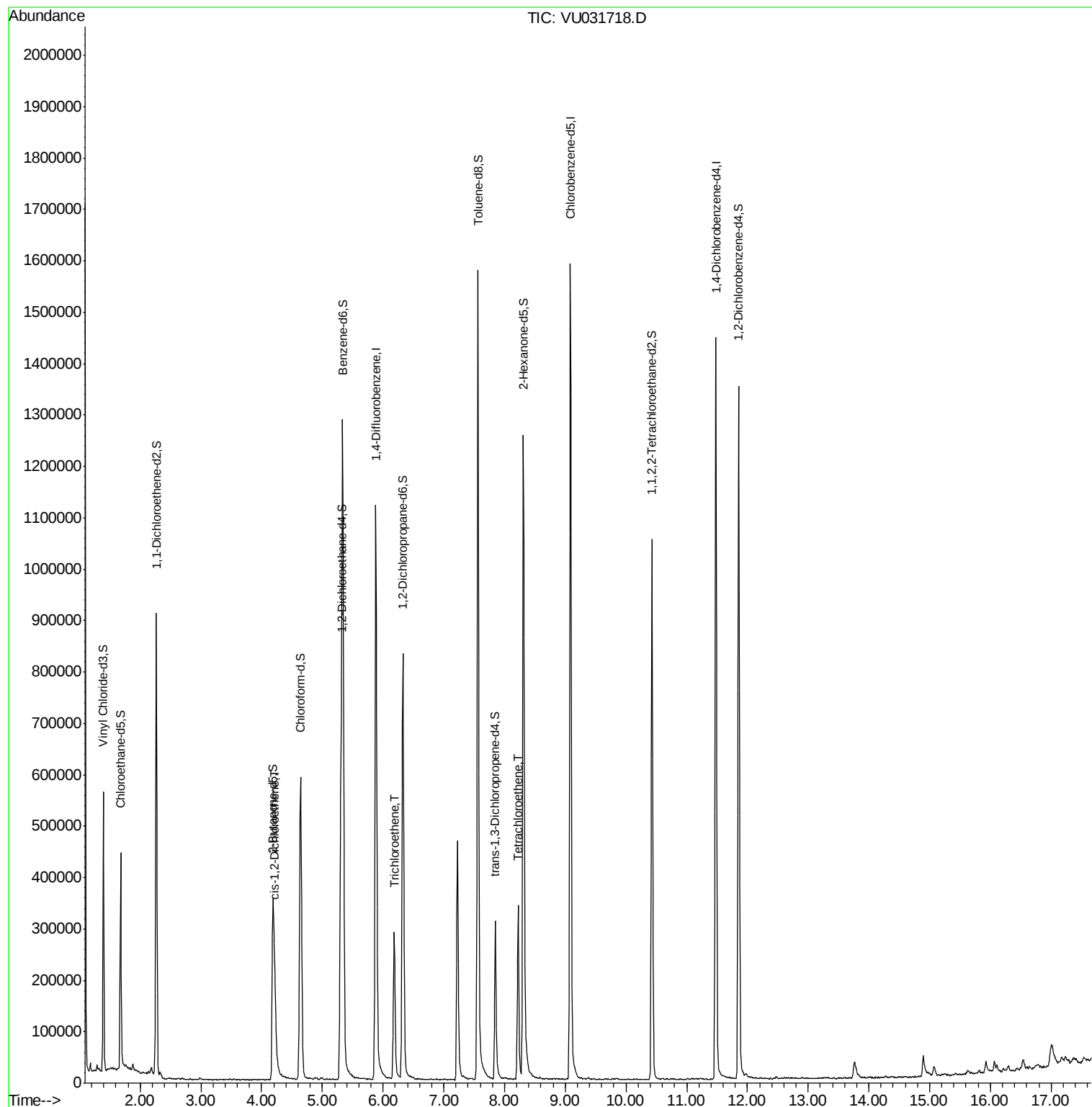
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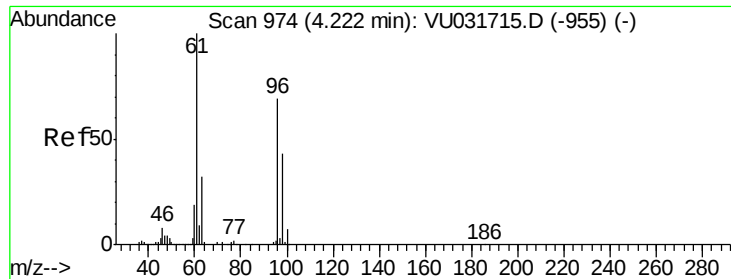
Instrument :
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Quant Time: May 03 07:40:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
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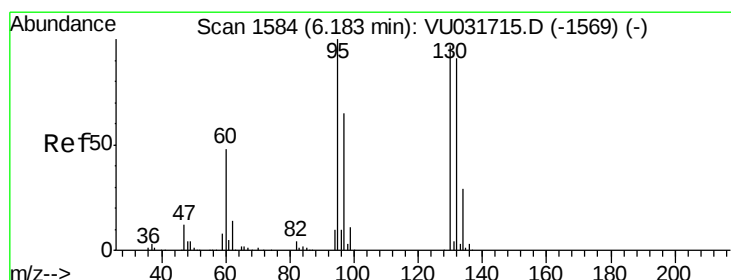
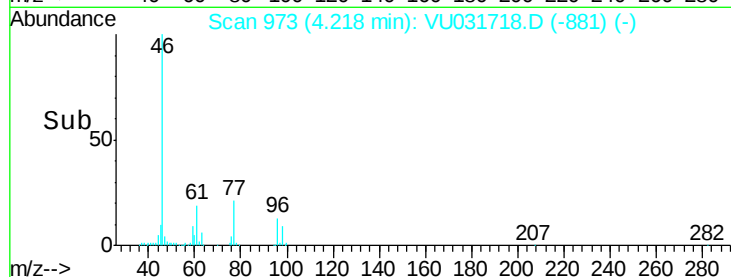
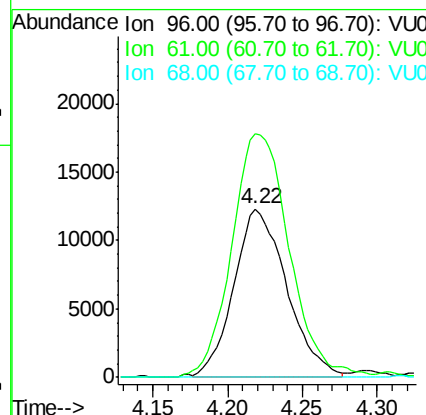
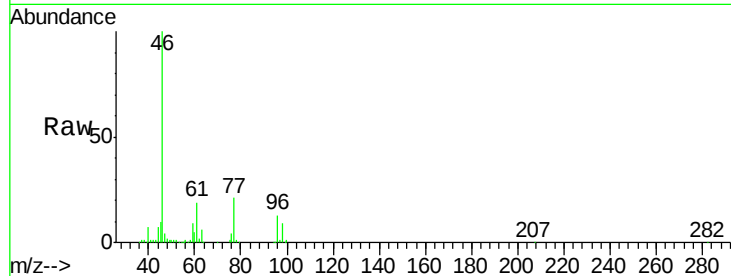
#20
 cis-1,2-Dichloroethene
 Concen: 3.668 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031718.D
 Acq: 02 May 2019 17:38

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		30316		
61	144.8		99.5	184.7	
68	0.0		0.0	0.0	

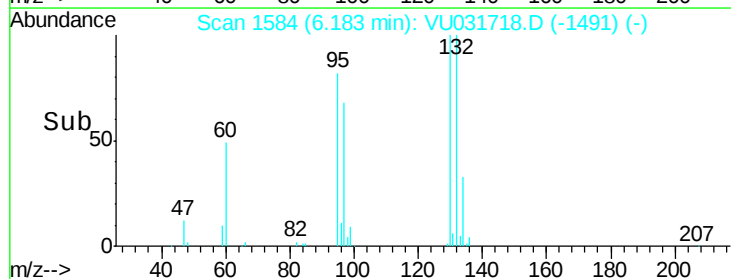
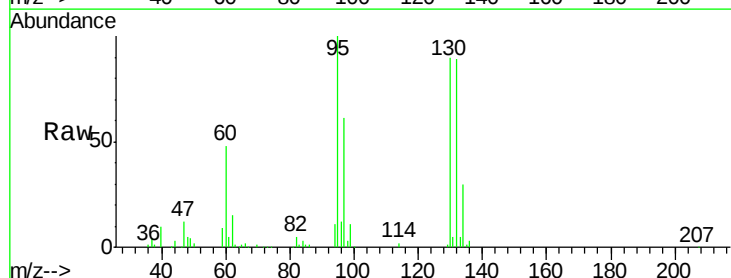
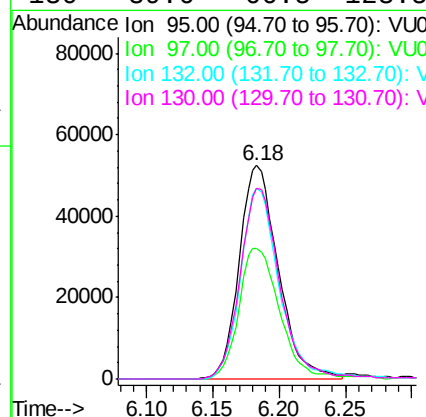
Manual Integrations
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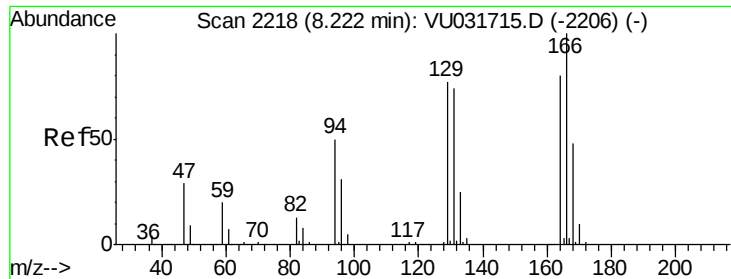
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#34
 Trichloroethene
 Concen: 13.739 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031718.D
 Acq: 02 May 2019 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		107699		
97	60.9		44.8	83.2	
132	89.4		63.1	117.1	
130	89.6		66.5	123.5	





#46
Tetrachloroethene
Concen: 14.595 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031718.D
Acq: 02 May 2019 17:38

Instrument :
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Tot Ion	Ratio	Lower	Upper
164	100		
129	96.7	71.5	132.9
131	93.6	69.0	128.2
166	129.9	93.7	173.9

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