

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050719\
 Data File : VU031808.D
 Acq On : 07 May 2019 16:37
 Operator : JC/SP
 Sample : K2694-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH7

Manual Integrations
 APPROVED

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 5/8/2019 11:12:21 AM

Quant Time: May 08 08:40:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 06:47:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	647577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	618083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	240342	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.70%
7) Chloroethane-d5	1.68	69	184519	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.12%
11) 1,1-Dichloroethene-d2	2.27	63	383514	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	4.18	46	512789	104.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.43%
24) Chloroform-d	4.64	84	453279	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
26) 1,2-Dichloroethane-d4	5.31	65	334406	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
32) Benzene-d6	5.34	84	904071	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.33	67	328256	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.56	98	733924	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	124815	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.31	63	271900	94.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	398805	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	224508	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	78509	13.902 ug/L	92
34) Trichloroethene	6.18	95	599983	108.920 ug/L	94
46) Tetrachloroethene	8.24	164	2127m	0.566 ug/L	

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

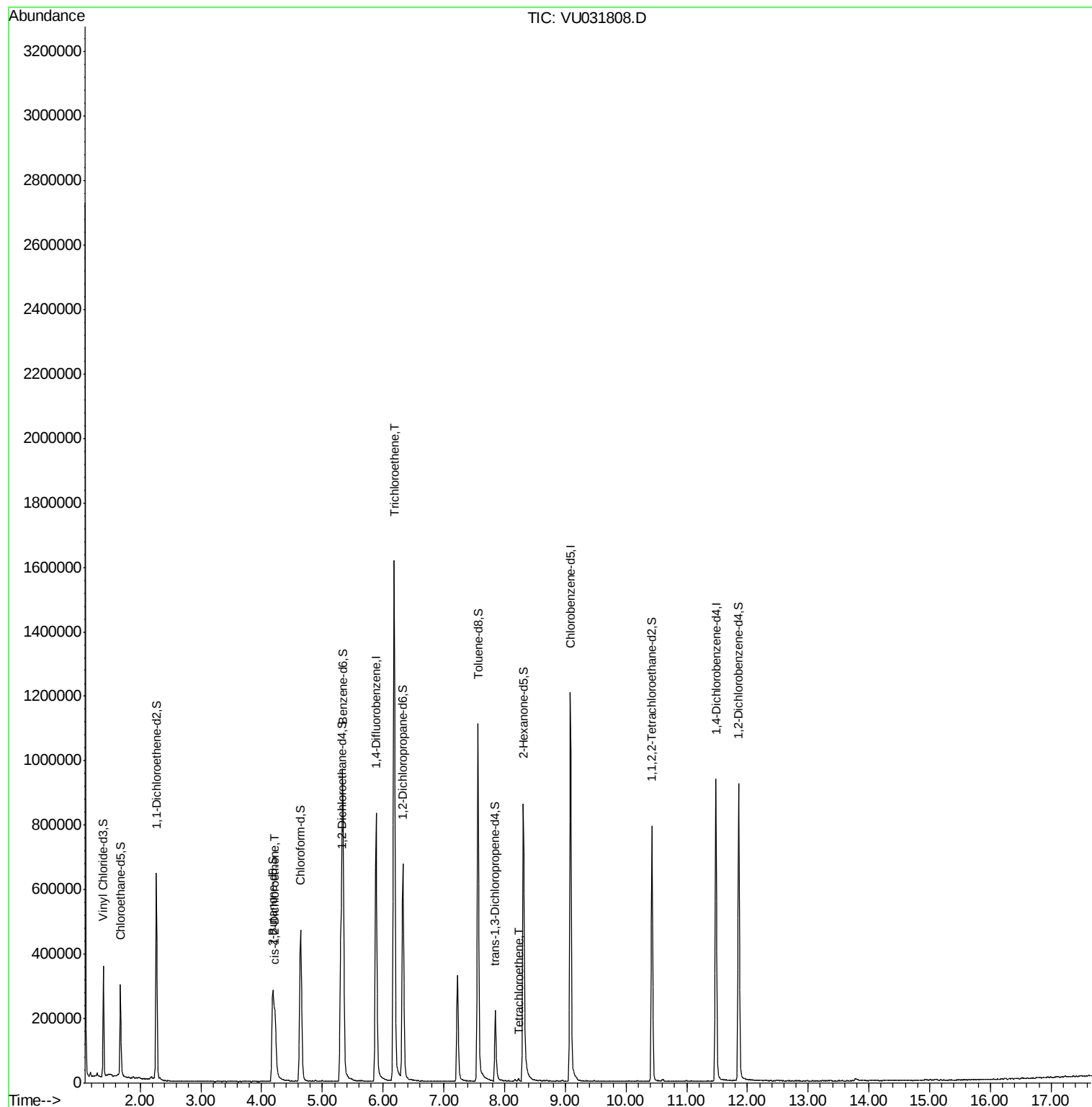
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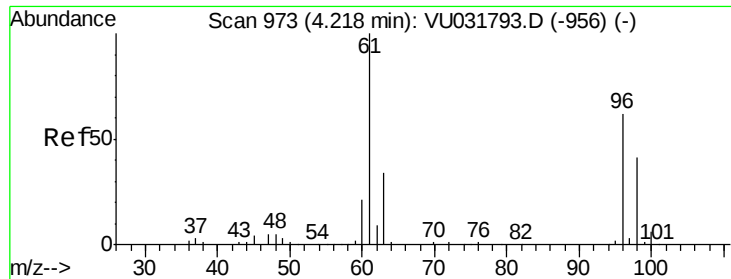
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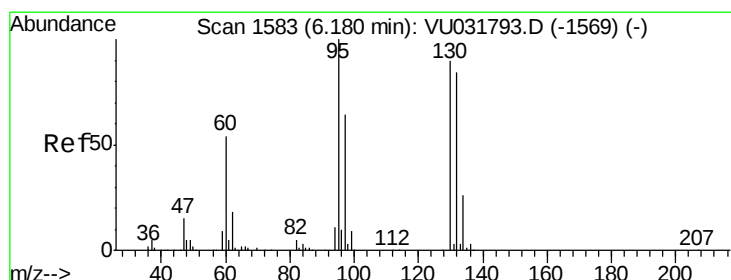
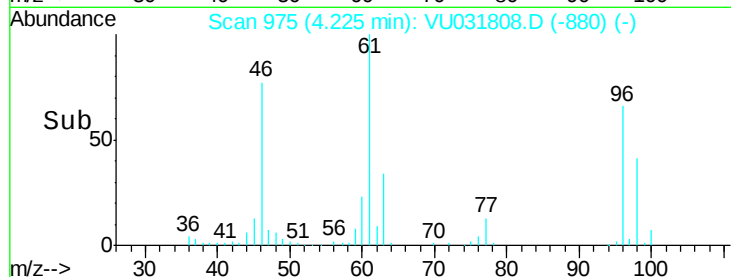
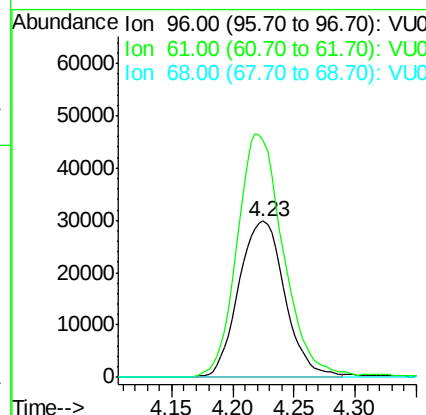
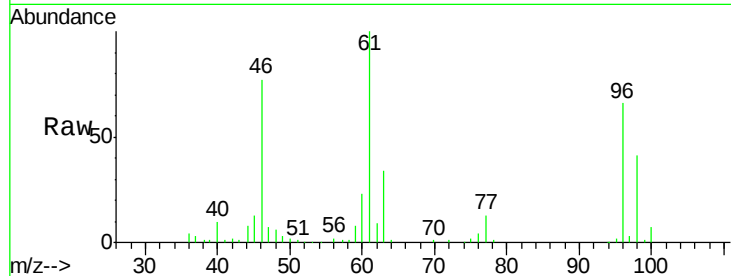
#20
 cis-1,2-Dichloroethene
 Concen: 13.902 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	152.3		99.5	184.7	
68	0.0		0.0	0.0	

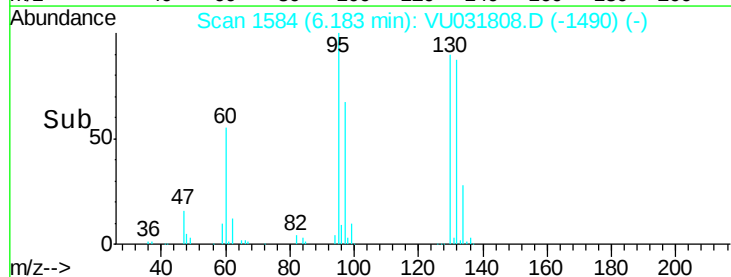
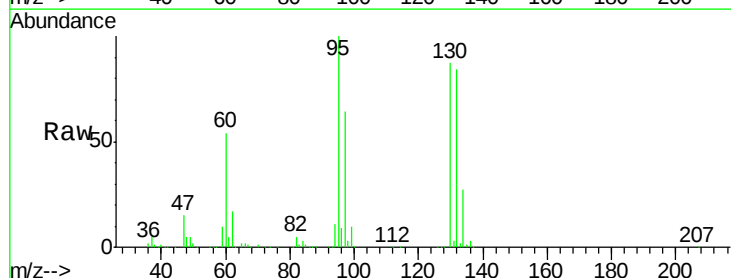
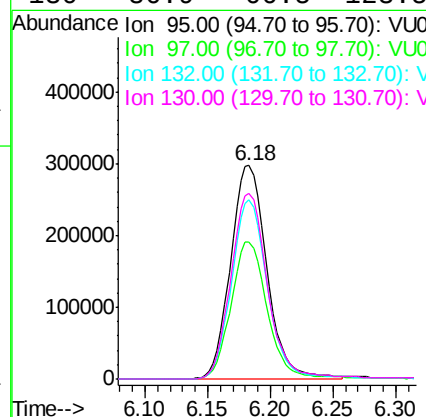
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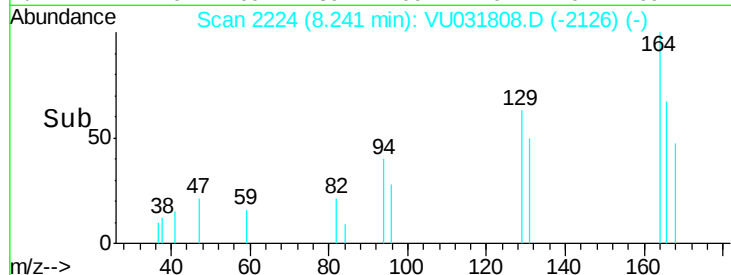
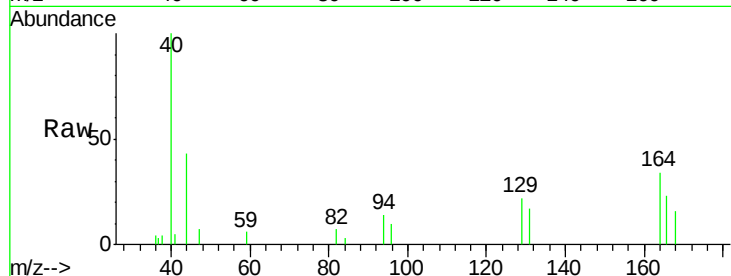
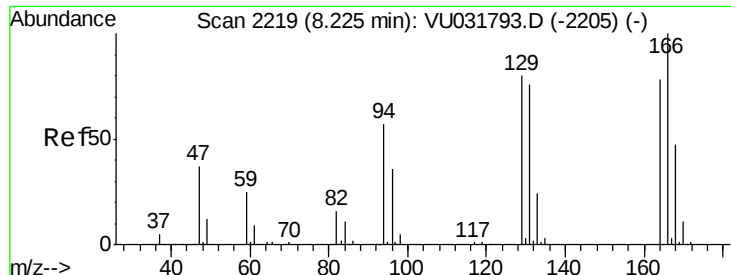
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#34
 Trichloroethene
 Concen: 108.920 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	64.3		44.8	83.2	
132	83.6		63.1	117.1	
130	86.9		66.5	123.5	





#46

Tetrachloroethene

Concen: 0.566 ug/L m

RT: 8.24 min Scan# 2224

Delta R.T. 0.02 min

Lab File: VU031808.D

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Tot Ion:	164	Resp:	2127
Ion Ratio	Lower	Upper	
164	100		
129	63.5	71.5	132.9#
131	50.0	69.0	128.2#
166	67.0	93.7	173.9#

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