

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040119\
 Data File : VU030589.D
 Acq On : 31 Mar 2019 14:53
 Operator : JC/SP
 Sample : K2167-15 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C0

Manual Integrations
 APPROVED

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 4/1/2019 11:06:02 AM

Quant Time: Apr 01 02:44:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 01 02:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	449540	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	434635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175294	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141479	39.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.22%
7) Chloroethane-d5	1.68	69	121115m	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.48%
11) 1,1-Dichloroethene-d2	2.27	63	228722	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.66%
21) 2-Butanone-d5	4.18	46	286364	84.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.20%
24) Chloroform-d	4.65	84	267995	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.98%
26) 1,2-Dichloroethane-d4	5.31	65	185261	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
32) Benzene-d6	5.34	84	548092	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.33	67	197052	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.42%
41) Toluene-d8	7.56	98	473151	42.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.54%
43) trans-1,3-Dichloropropene-	7.85	79	87321	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.31	63	173526	75.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	264431	43.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	163750	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	10973	2.900	ug/L 100
34) Trichloroethene	6.19	95	14850	4.083	ug/L 97
46) Tetrachloroethene	8.22	164	312944	123.185	ug/L 97

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

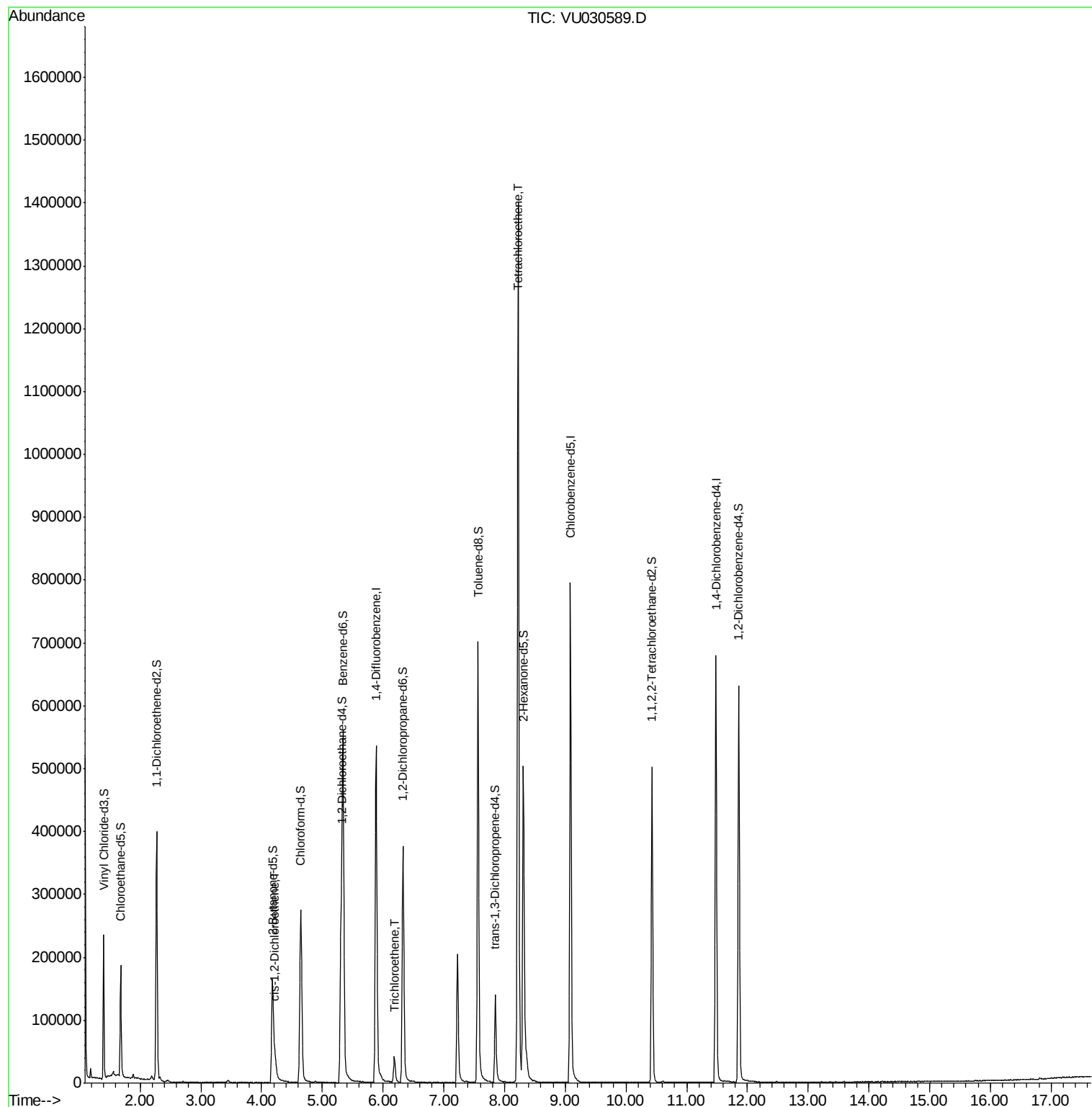
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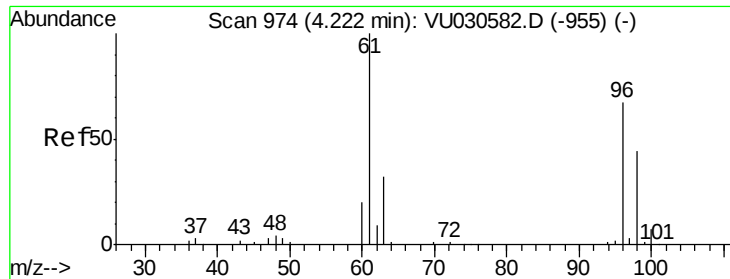
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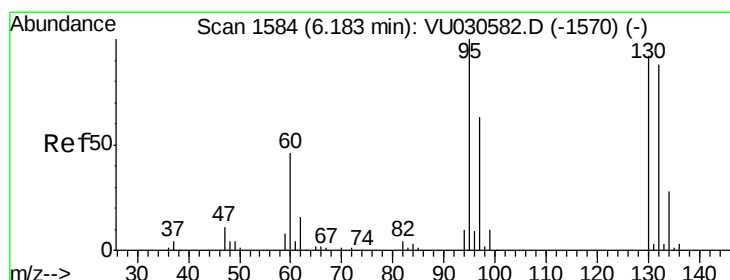
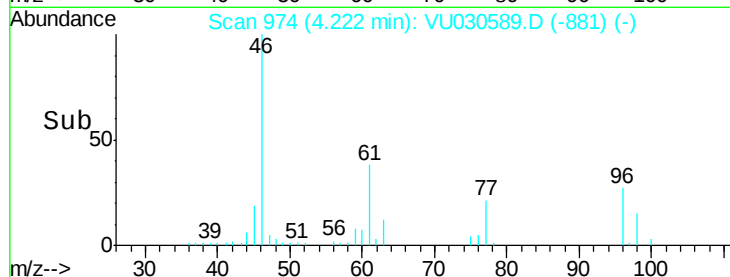
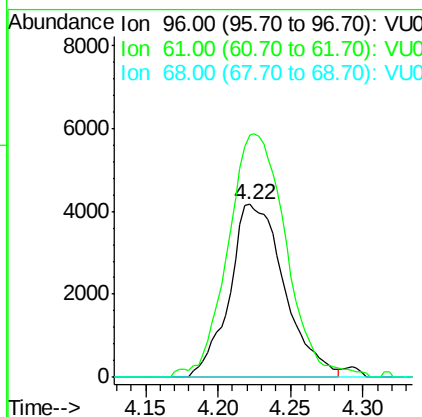
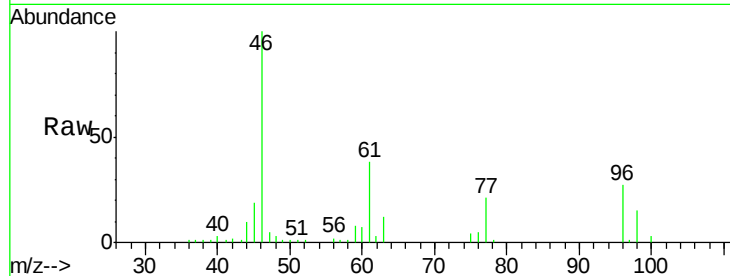
#20
 cis-1,2-Dichloroethene
 Concen: 2.900 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU030589.D
 Acq: 31 Mar 2019 14:53

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		10973		
61	140.0		98.4	182.8	
68	0.0		0.0	0.0	

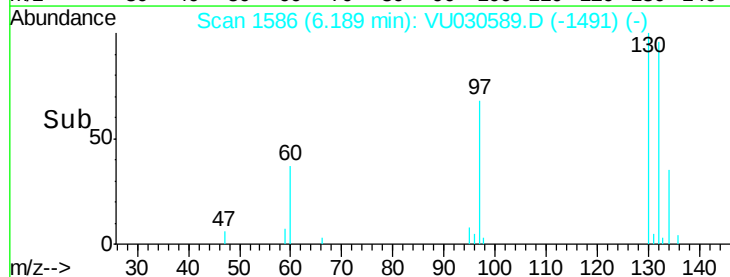
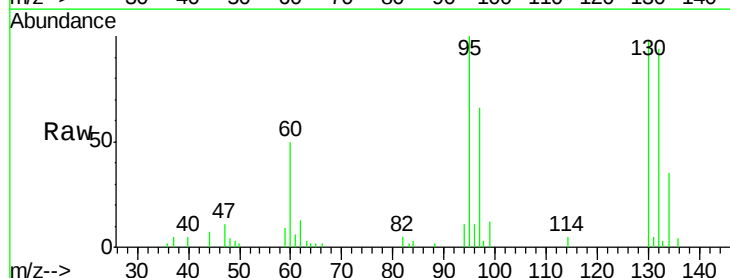
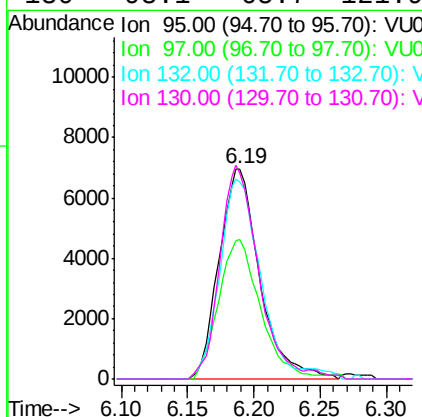
Manual Integrations
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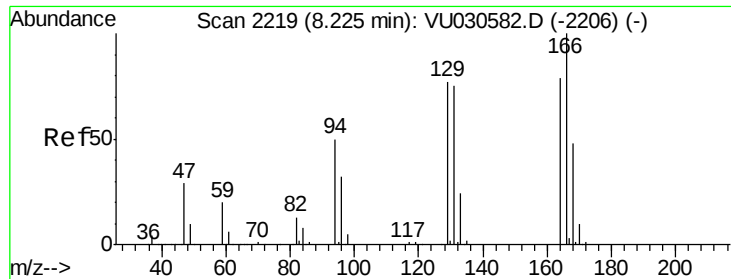
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#34
 Trichloroethene
 Concen: 4.083 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU030589.D
 Acq: 31 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		14850		
97	66.3		45.7	84.9	
132	93.9		63.8	118.4	
130	98.1		65.7	121.9	





#46
 Tetrachloroethene
 Concen: 123.185 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU030589.D
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Instrument :
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Tot Ion:	164	Resp:	312944
Ion Ratio	Lower	Upper	
164	100		
129	96.1	68.1	126.5
131	92.8	67.7	125.7
166	126.9	92.4	171.6

Manual Integrations
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