

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030150.D
 Acq On : 16 Mar 2019 17:18
 Operator : JC/SP
 Sample : K1936-05
 Misc : 5.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0W2

Manual Integrations
 APPROVED

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 3/18/2019 9:36:10 AM

Quant Time: Mar 18 06:47:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 04:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	572930	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	582242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	127099	33.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.08%
7) Chloroethane-d5	1.64	69	62032m	20.28	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.56%#
11) 1,1-Dichloroethene-d2	2.23	63	177413	25.94	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.88%#
21) 2-Butanone-d5	4.19	46	242765	85.50	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.64	84	257772	37.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.84%
26) 1,2-Dichloroethane-d4	5.30	65	156328	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.62%
32) Benzene-d6	5.33	84	541244	36.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.22%
36) 1,2-Dichloropropane-d6	6.32	67	174493	38.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.08%
41) Toluene-d8	7.56	98	484682	34.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.08%#
43) trans-1,3-Dichloropropene-	7.85	79	78738	35.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.88%
47) 2-Hexanone-d5	8.32	63	222868	86.83	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310642	44.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	237623	39.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.82%#

Target Compounds

					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	8174	1.836 ug/L	88
34) Trichloroethene	6.18	95	5610	1.285 ug/L	92
46) Tetrachloroethene	8.22	164	99311	25.988 ug/L	98

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

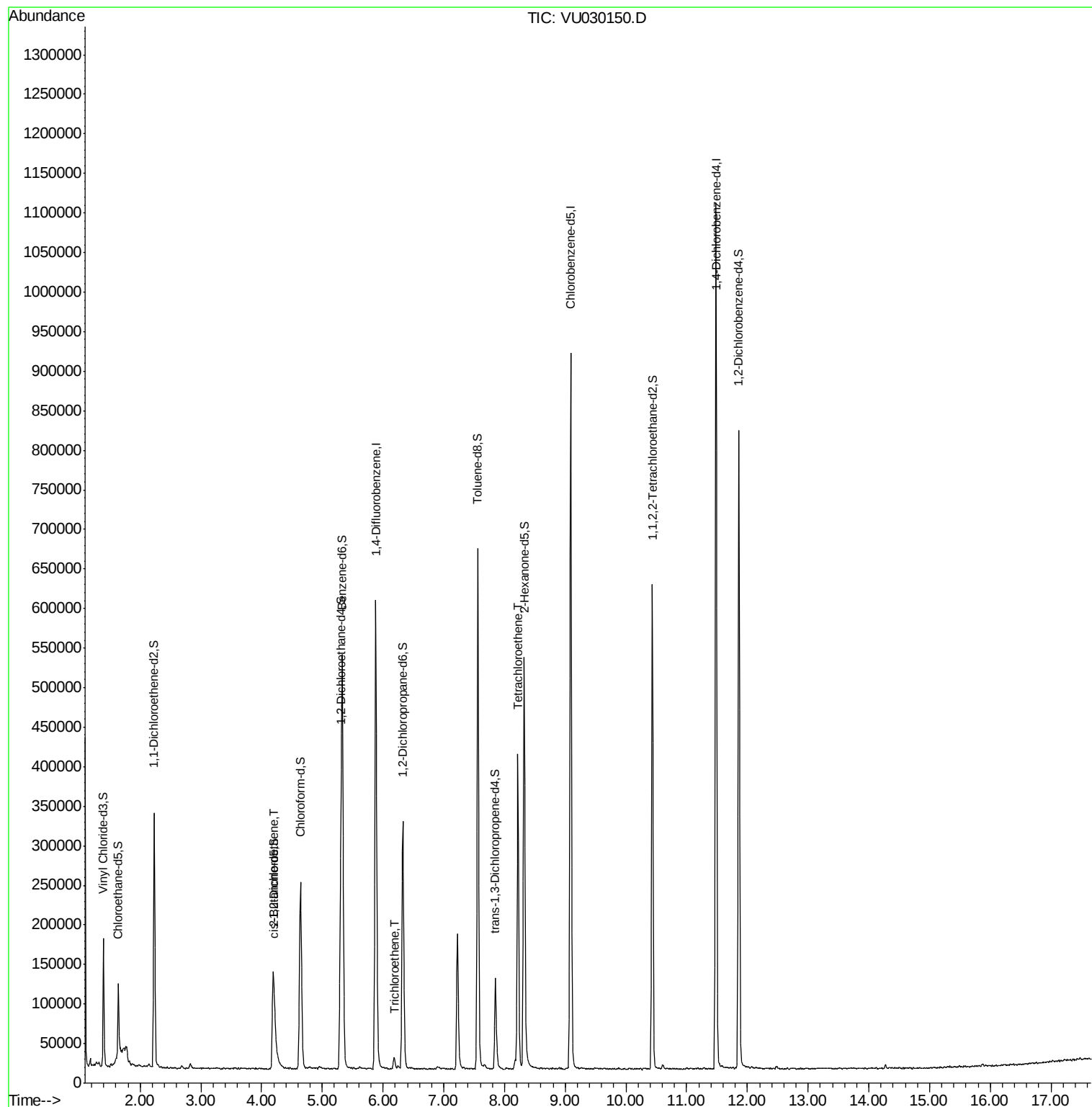
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031719\
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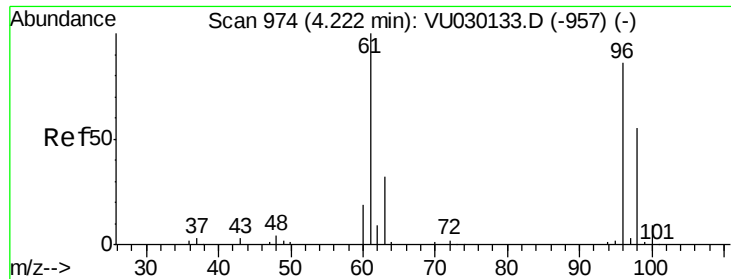
Instrument :
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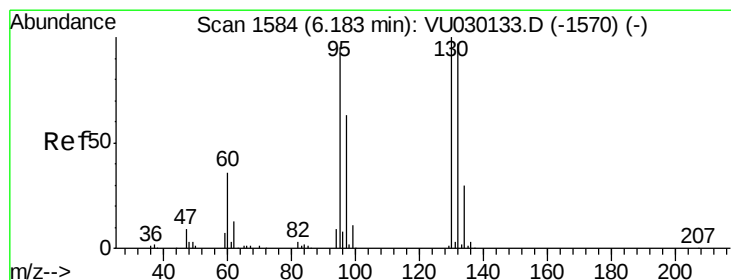
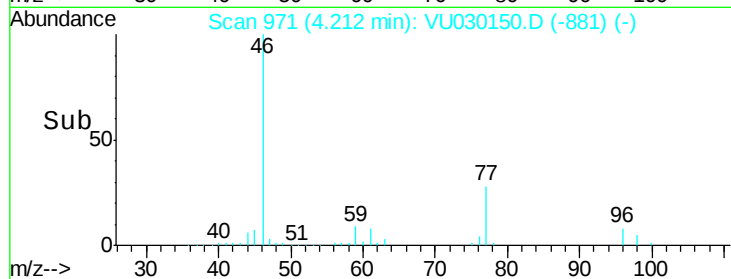
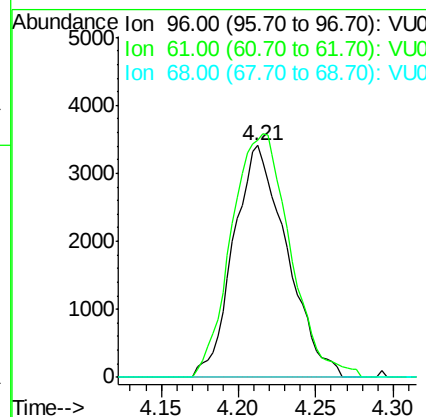
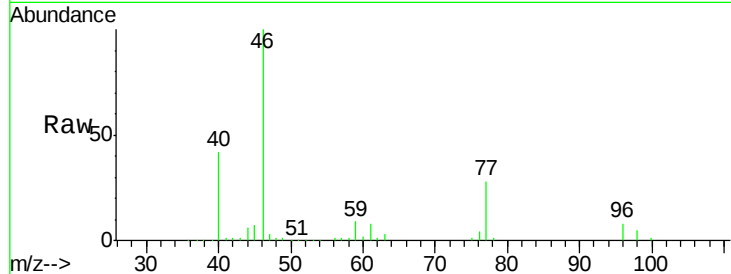
#20
cis-1,2-Dichloroethene
Concen: 1.836 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU030150.D
Acq: 16 Mar 2019 17:18

Instrument :
MSVOA_U
ClientSampleId :
BF0W2

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	102.2	80.8	150.2	
68	0.0	0.0	0.0	

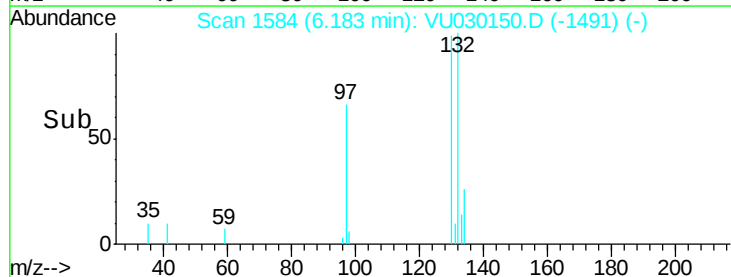
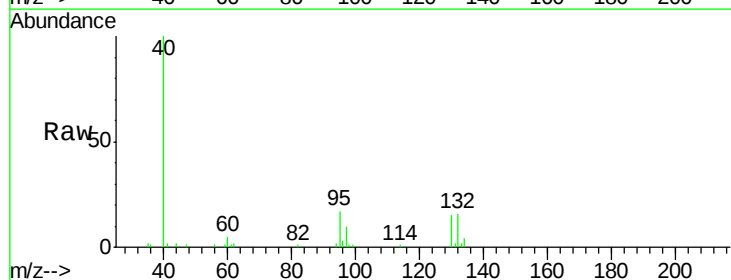
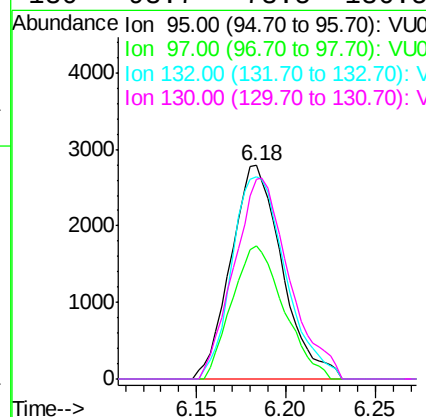
Manual Integrations
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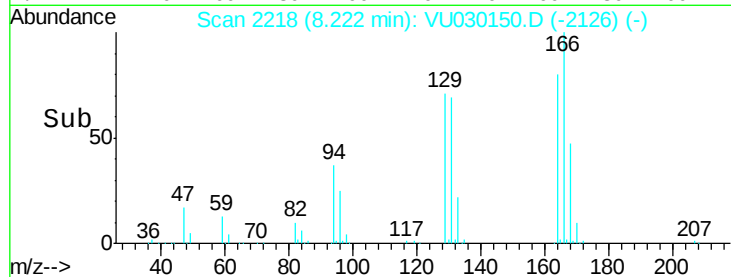
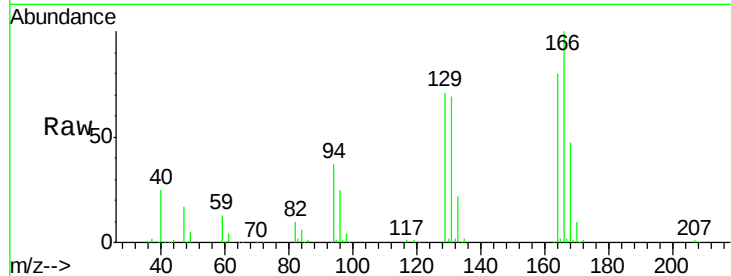
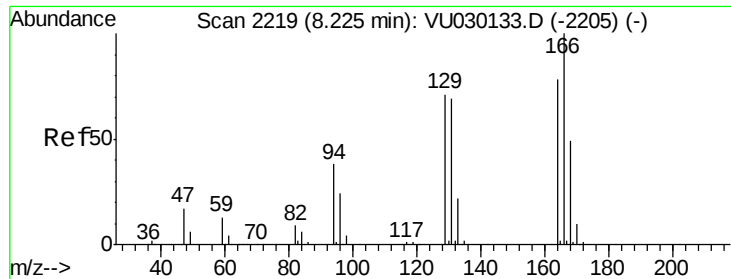
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#34
Trichloroethene
Concen: 1.285 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030150.D
Acq: 16 Mar 2019 17:18

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
97	62.1	45.5	84.5	
132	94.6	71.5	132.7	
130	93.7	73.5	136.5	





#46

Tetrachloroethene

Concen: 25.988 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030150.D

Acq: 16 Mar 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

BF0W2

Tot Ion:164 Resp: 99311

Ion Ratio Lower Upper

164 100

129 89.5 63.3 117.7

131 86.6 62.0 115.2

166 125.2 90.5 168.1

Manual Integrations

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