

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031544.D
 Acq On : 26 Apr 2019 19:59
 Operator : JC/SP
 Sample : K2536-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X06

Manual Integrations
 APPROVED

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 4/29/2019 10:53:24 AM

Quant Time: Apr 27 03:27:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:11:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	895894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	837336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	338429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	385995	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.96%
7) Chloroethane-d5	1.68	69	297347	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.64%
11) 1,1-Dichloroethene-d2	2.27	63	546931	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.26%
21) 2-Butanone-d5	4.18	46	677507	99.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.73%
24) Chloroform-d	4.64	84	629102	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
26) 1,2-Dichloroethane-d4	5.31	65	408705	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.33	84	1326261	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
36) 1,2-Dichloropropane-d6	6.32	67	447241	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.56	98	1124714	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.85	79	186421	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.31	63	449630	114.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	575910	47.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	365039	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	6363m	0.814 ug/L	
34) Trichloroethene	6.18	95	271320	36.358 ug/L	97
46) Tetrachloroethene	8.22	164	6946	1.365 ug/L	84

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

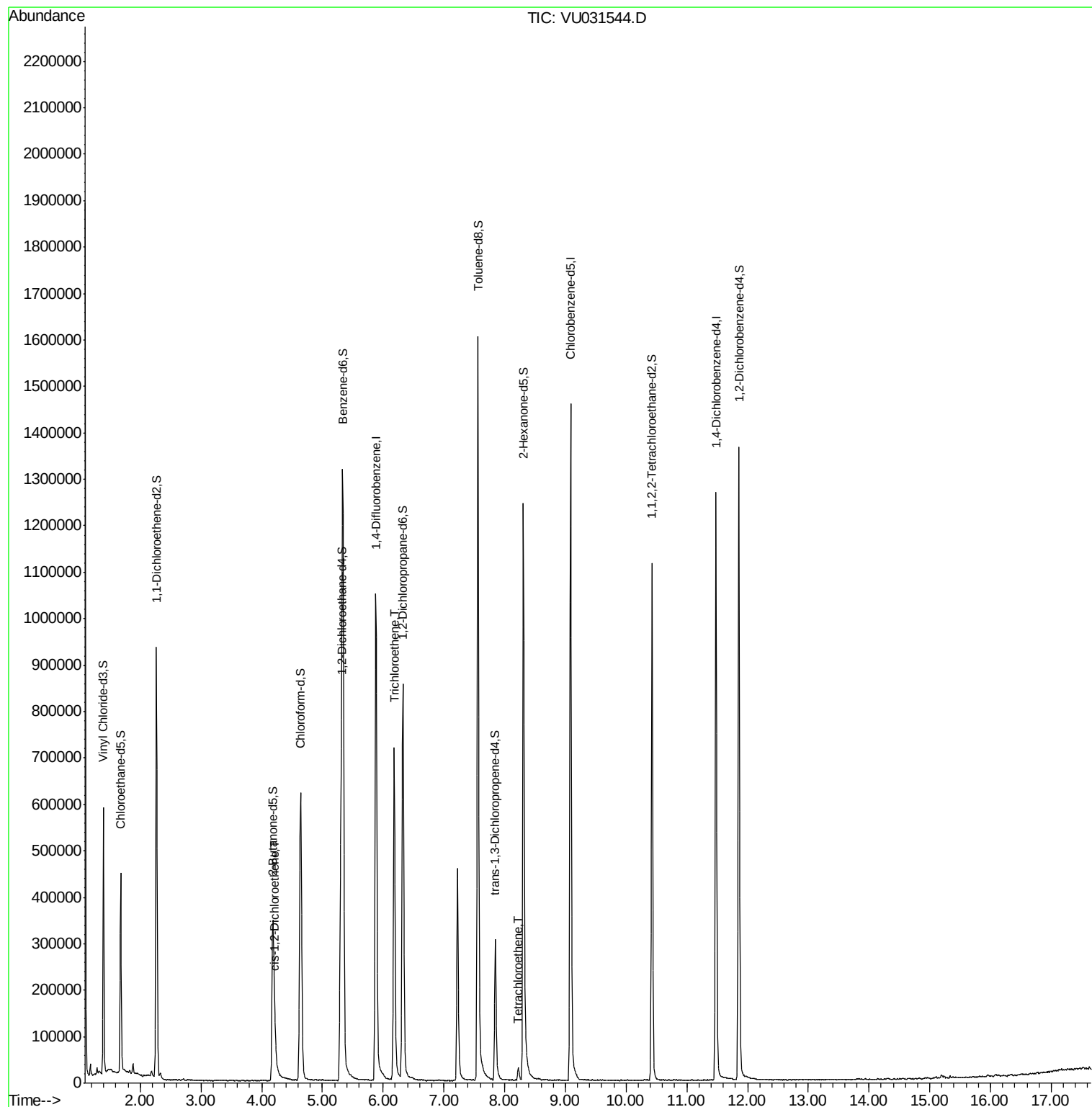
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
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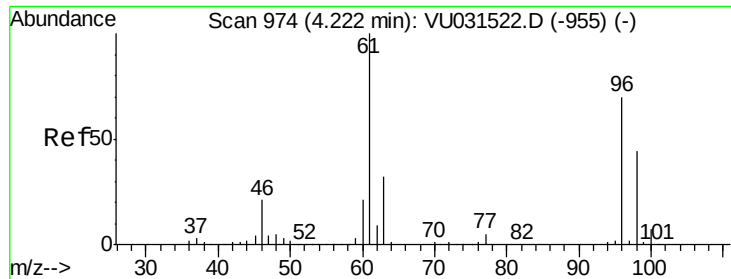
Instrument :
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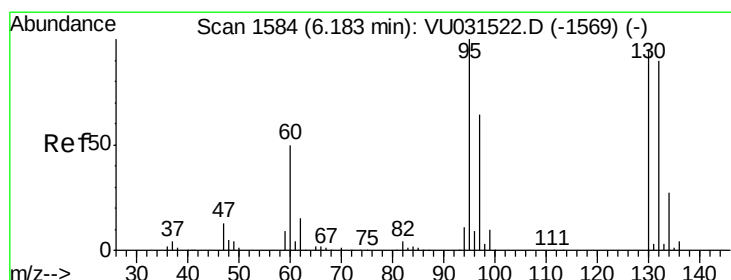
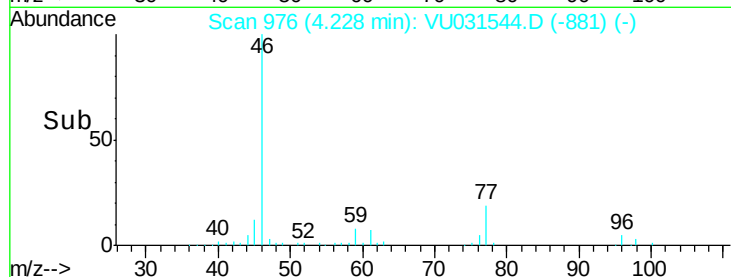
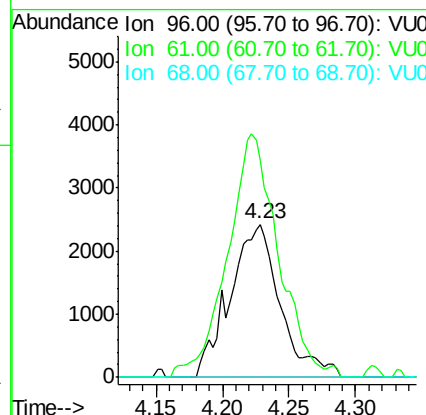
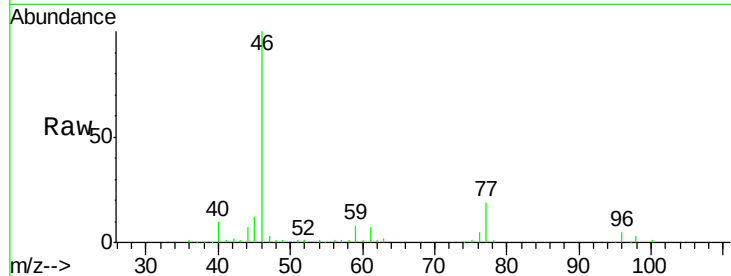
#20
cis-1,2-Dichloroethene
Concen: 0.814 ug/L m
RT: 4.23 min Scan# 976
Delta R.T. 0.01 min
Lab File: VU031544.D
Acq: 26 Apr 2019 19:59

Instrument :
MSVOA_U
ClientSampled :
C0X06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		6363		
61	141.7		99.5	184.7	
68	0.0		0.0	0.0	

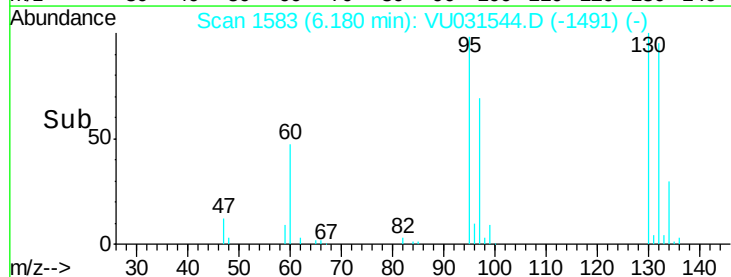
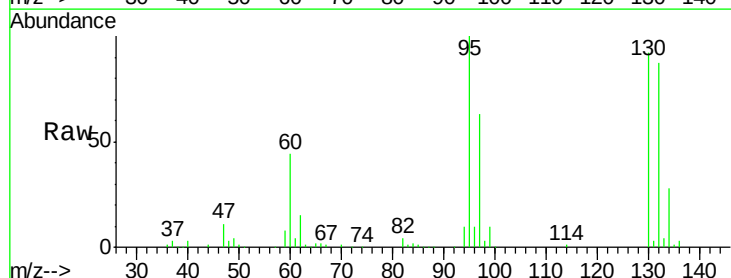
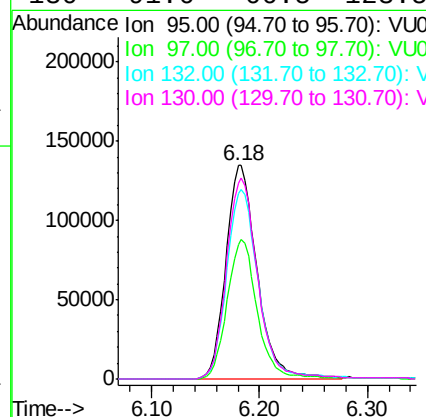
Manual Integrations
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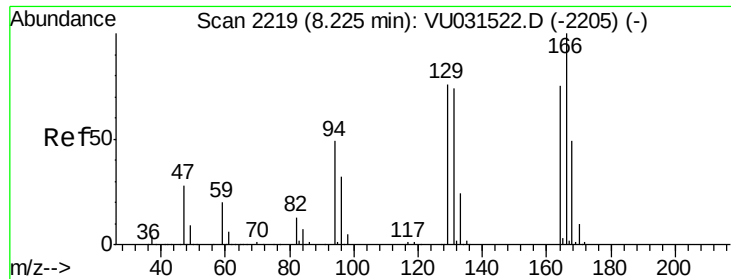
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#34
Trichloroethene
Concen: 36.358 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031544.D
Acq: 26 Apr 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		271320		
97	63.0		44.8	83.2	
132	86.7		63.1	117.1	
130	91.6		66.5	123.5	





#46
Tetrachloroethene
Concen: 1.365 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031544.D
Acq: 26 Apr 2019 19:59

Instrument :
MSVOA_U
ClientSampleId :
C0X06

Tot Ion:	164	Resp:	6946
Ion	Ratio	Lower	Upper
164	100		
129	84.2	71.5	132.9
131	77.3	69.0	128.2
166	121.4	93.7	173.9

Manual Integrations
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