

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031717.D
 Acq On : 02 May 2019 17:15
 Operator : JC/SP
 Sample : K2661-02 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B22

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 10:38:53 AM

Quant Time: May 03 07:37:10 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	1099675	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1017409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	442411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	419425	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.14%
7) Chloroethane-d5	1.68	69	325830m	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.62%
11) 1,1-Dichloroethene-d2	2.27	63	604435	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.96%
21) 2-Butanone-d5	4.18	46	752704	90.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.27%
24) Chloroform-d	4.64	84	662030	39.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.56%
26) 1,2-Dichloroethane-d4	5.31	65	446301	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.06%
32) Benzene-d6	5.33	84	1421824	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.32	67	484174	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.10%
41) Toluene-d8	7.56	98	1247383	45.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.68%
43) trans-1,3-Dichloropropene-	7.85	79	210266	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.31	63	497163	104.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	606311	41.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	413962	44.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.98%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	5907	0.661 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	206090	21.490 ug/L	99
34) Trichloroethene	6.18	95	173477	19.132 ug/L	96
46) Tetrachloroethene	8.22	164	595857	96.393 ug/L	93

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

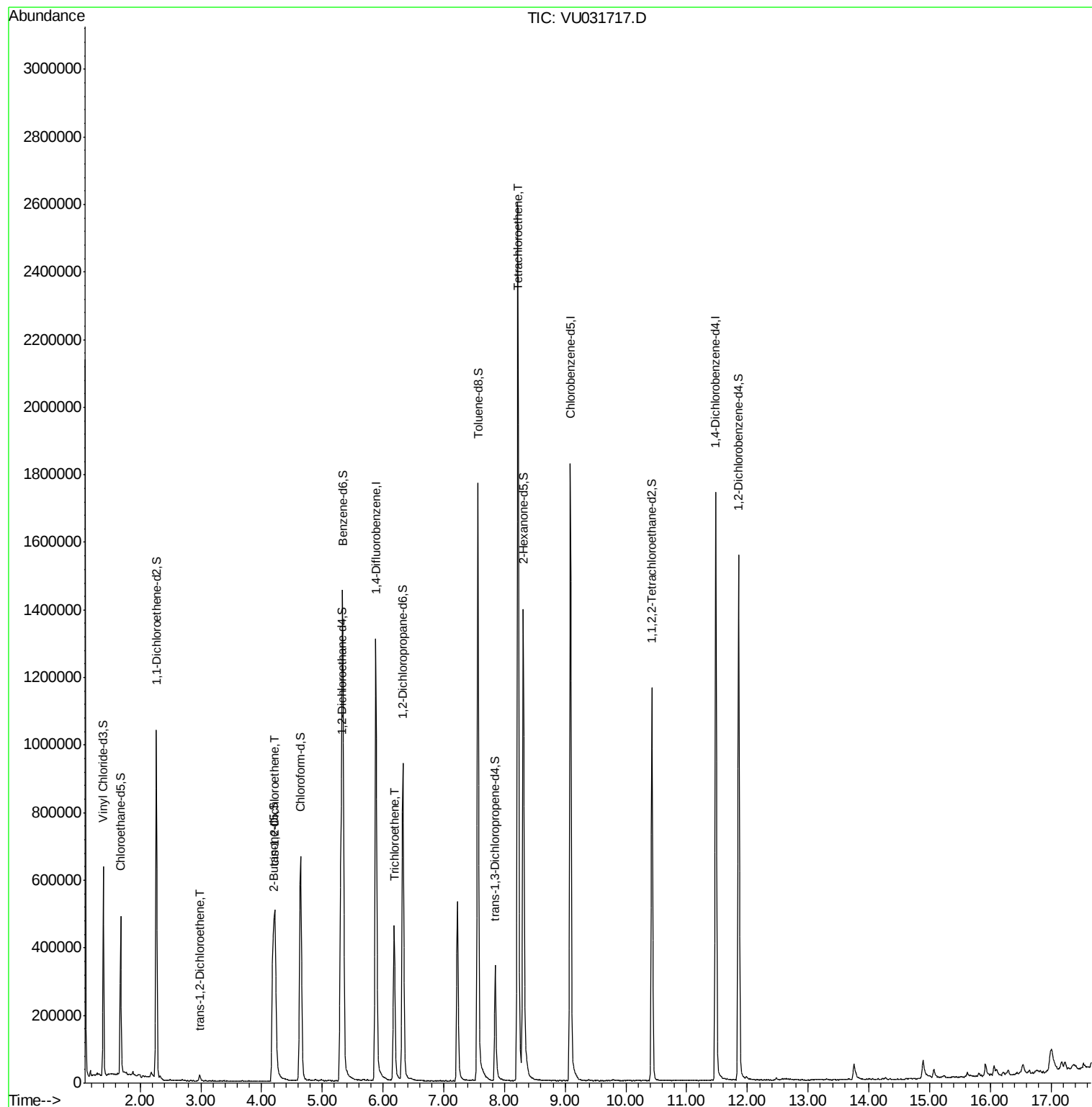
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031717.D
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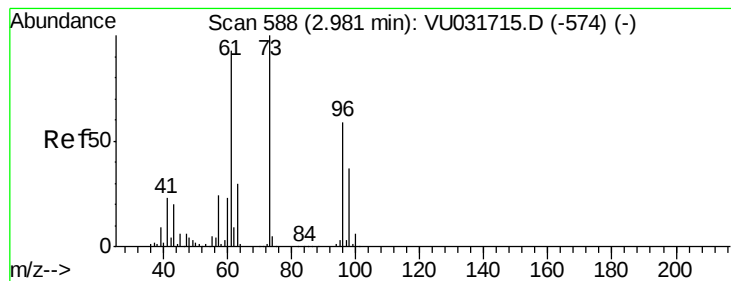
Instrument :
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ClientSampleId :
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Quant Time: May 03 07:37:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration





#17

trans-1,2-Dichloroethene

Concen: 0.661 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031717.D

Acq: 02 May 2019 17:15

Instrument :

MSVOA_U

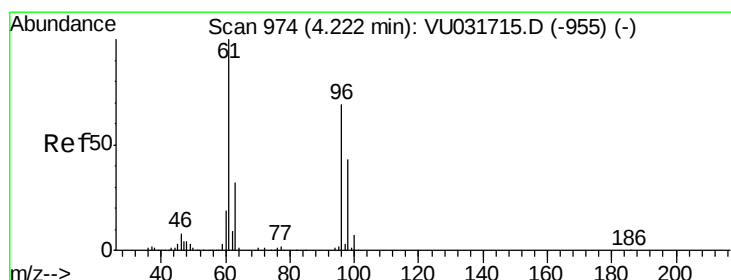
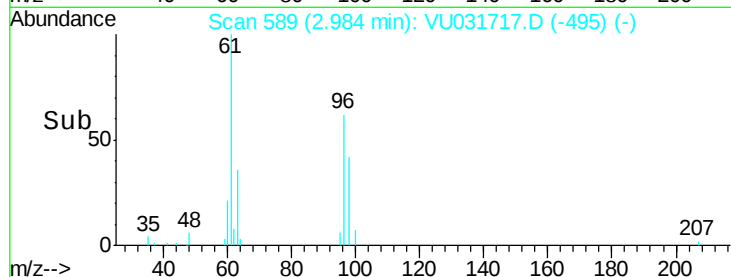
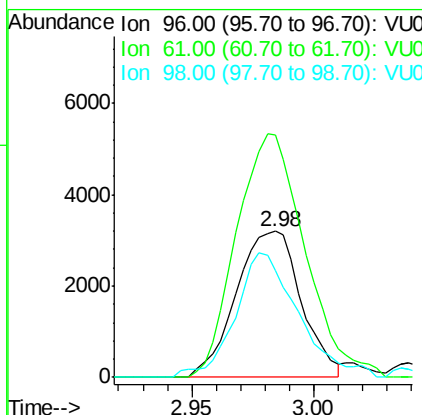
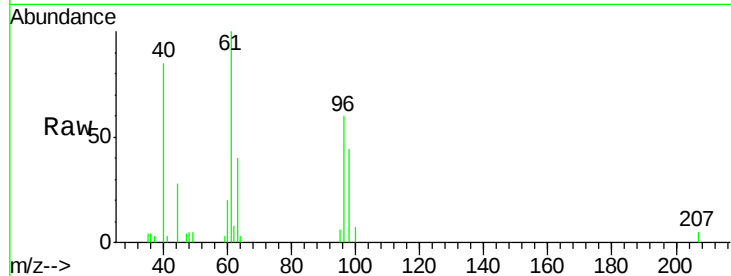
ClientSampled :

C0B22

Tot Ion:	96	Resp:	5907
Ion	Ratio	Lower	Upper
96	100		
61	165.5	114.5	212.7
98	72.9	45.4	84.2

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 21.490 ug/L

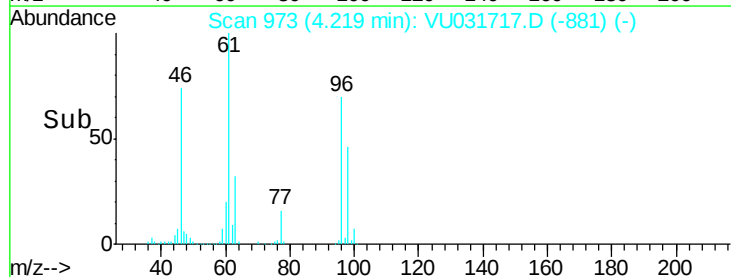
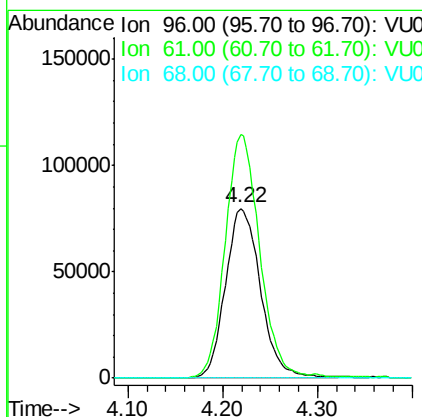
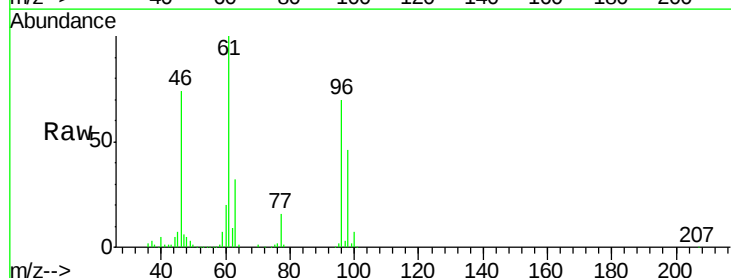
RT: 4.22 min Scan# 973

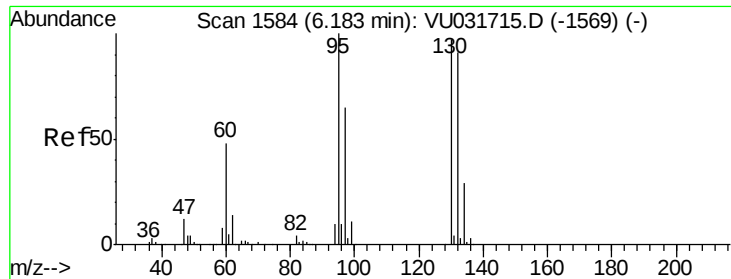
Delta R.T. -0.00 min

Lab File: VU031717.D

Acq: 02 May 2019 17:15

Tgt Ion:	96	Resp:	206090
Ion	Ratio	Lower	Upper
96	100		
61	143.7	99.5	184.7
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 19.132 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031717.D

Acq: 02 May 2019 17:15

Instrument :

MSVOA_U

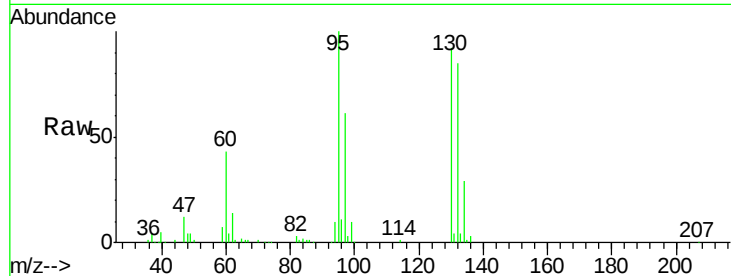
ClientSampled :

C0B22

Tot Ion	95	Resp	173477
Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.8	83.2
132	85.5	63.1	117.1
130	91.8	66.5	123.5

Manual Integrations
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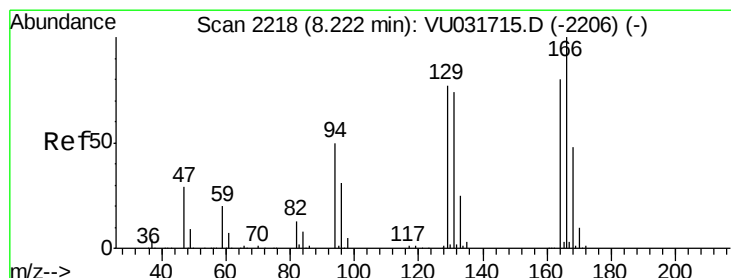
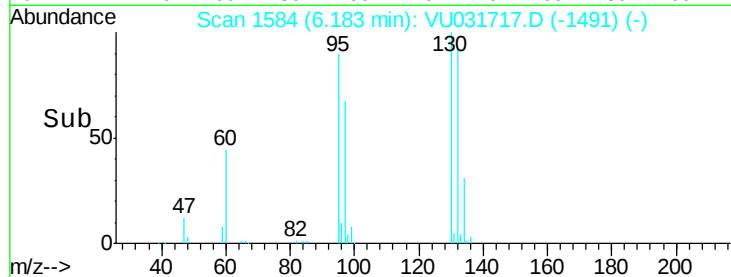
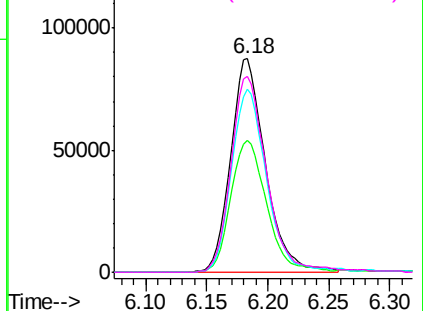
Abundance

Ion 95.00 (94.70 to 95.70): VU031717.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031717.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031717.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031717.D (-1569) (-)



#46

Tetrachloroethene

Concen: 96.393 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031717.D

Acq: 02 May 2019 17:15

Tgt Ion	164	Resp	595857
Ion	Ratio	Lower	Upper
164	100		
129	96.2	71.5	132.9
131	94.1	69.0	128.2
166	123.8	93.7	173.9

Abundance

Ion 164.00 (163.70 to 164.70): VU031717.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031717.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031717.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031717.D (-2206) (-)

