

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031746.D
 Acq On : 03 May 2019 13:44
 Operator : JC/SP
 Sample : K2661-05 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B25

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:43:08 AM

Quant Time: May 04 06:01:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	855967	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	812597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	324968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	361238	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.86%
7) Chloroethane-d5	1.68	69	284728	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.86%
11) 1,1-Dichloroethene-d2	2.27	63	520462m	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
21) 2-Butanone-d5	4.19	46	684900	105.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	4.64	84	584700	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.31	65	400863	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
32) Benzene-d6	5.34	84	1217571	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.32	67	417125	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.02%
41) Toluene-d8	7.56	98	1013362	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.85	79	171076	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.31	63	417639	109.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	542118	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	318633	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	3738	0.537 ug/L	85
20) cis-1,2-Dichloroethene	4.23	96	137699	18.447 ug/L	88
34) Trichloroethene	6.18	95	454610	62.774 ug/L	97
46) Tetrachloroethene	8.22	164	301866	61.142 ug/L	97

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

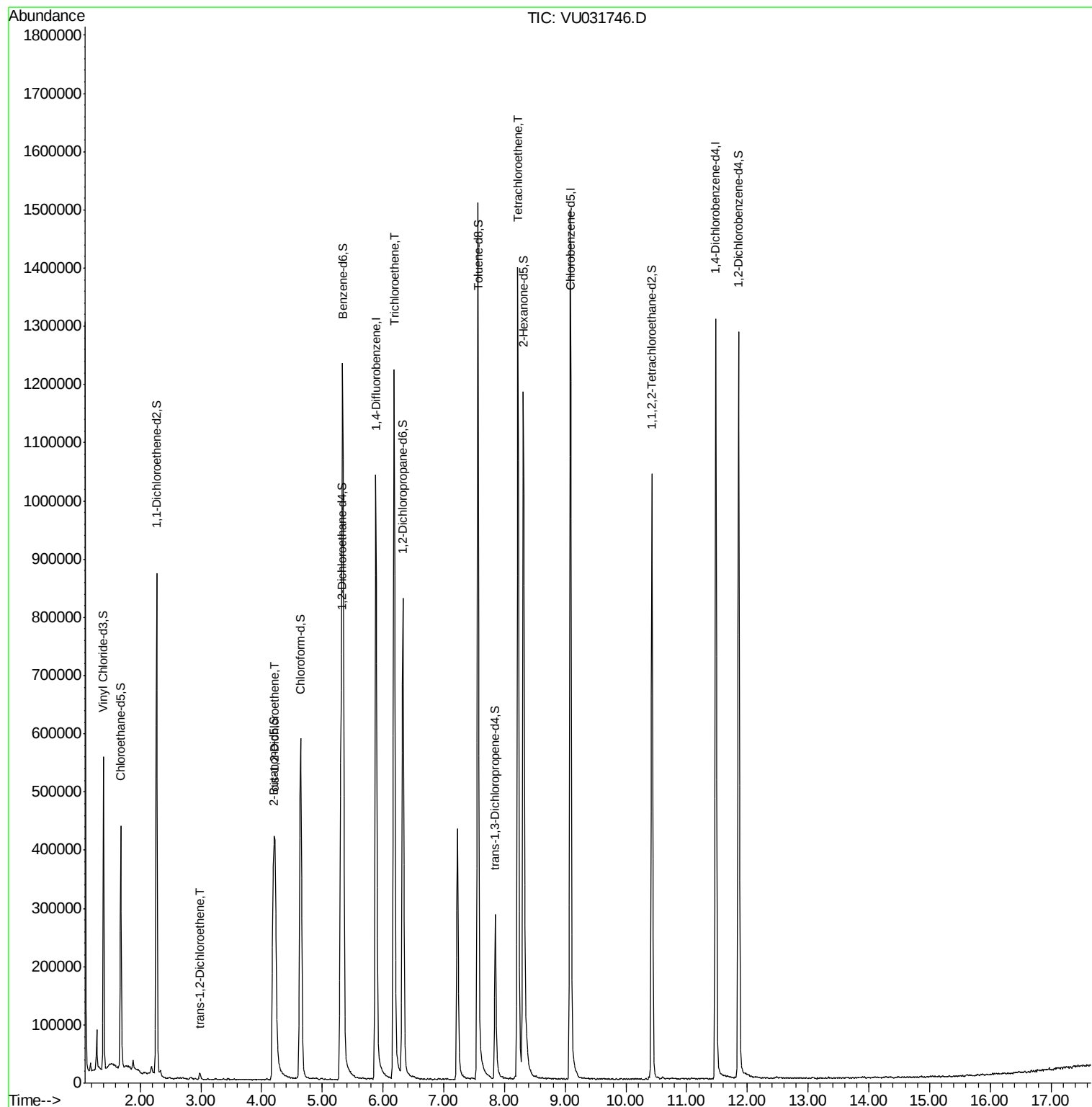
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050319\
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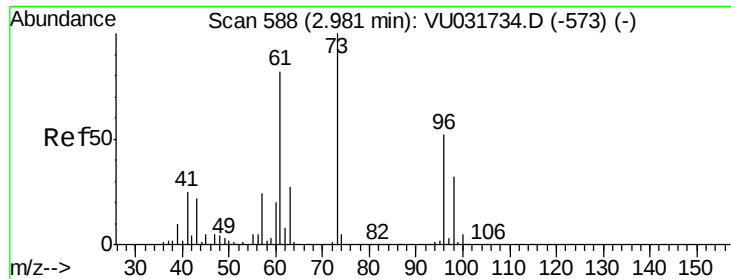
Instrument :
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Quant Time: May 04 06:01:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration





#17

trans-1,2-Dichloroethene

Concen: 0.537 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031746.D

Acq: 03 May 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

C0B25

Tot Ion: 96 Resp: 3738

Ion Ratio Lower Upper

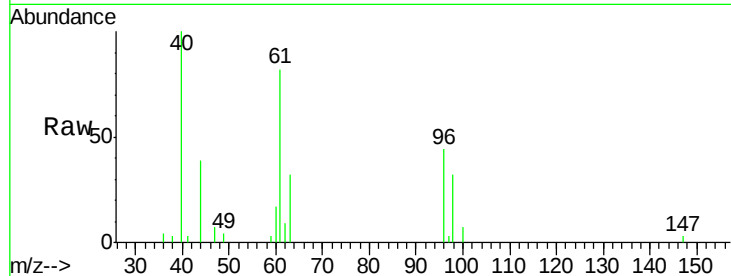
96 100

61 186.0 114.5 212.7

98 72.1 45.4 84.2

Manual Integrations
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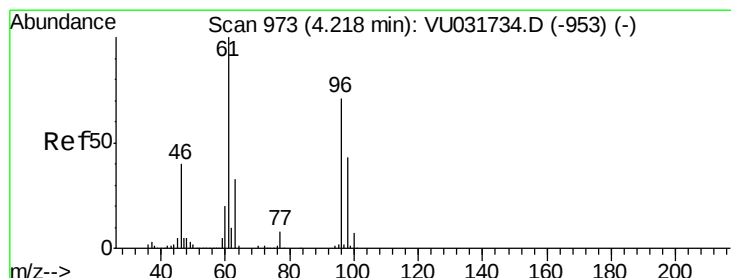
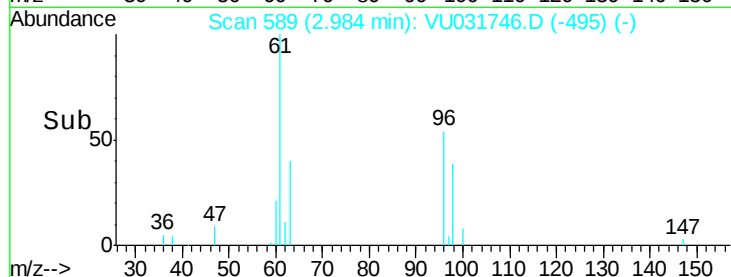
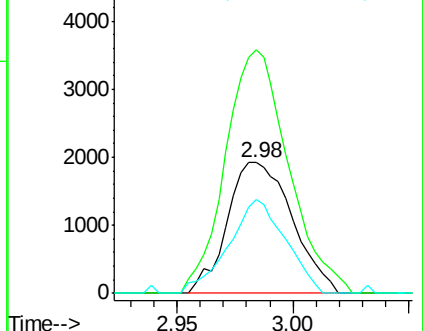
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Abundance Ion 96.00 (95.70 to 96.70): VU031734.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU031734.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU031734.D (-573) (-)



#20

cis-1,2-Dichloroethene

Concen: 18.447 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031746.D

Acq: 03 May 2019 13:44

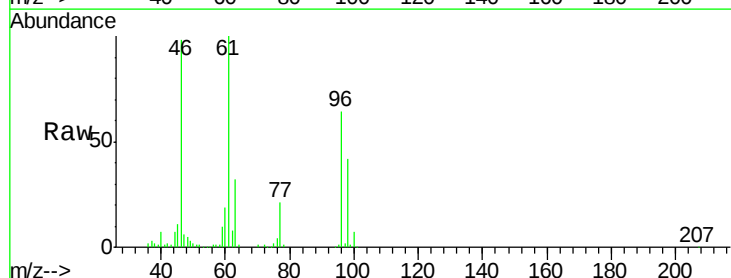
Tgt Ion: 96 Resp: 137699

Ion Ratio Lower Upper

96 100

61 156.9 99.5 184.7

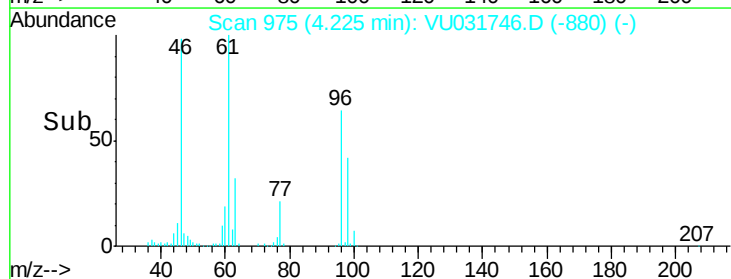
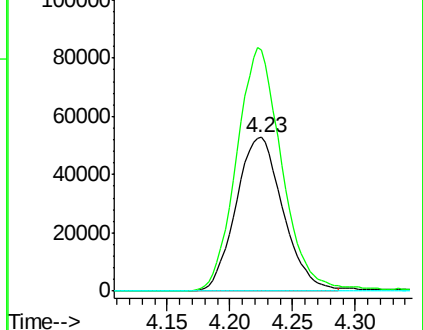
68 0.0 0.0 0.0

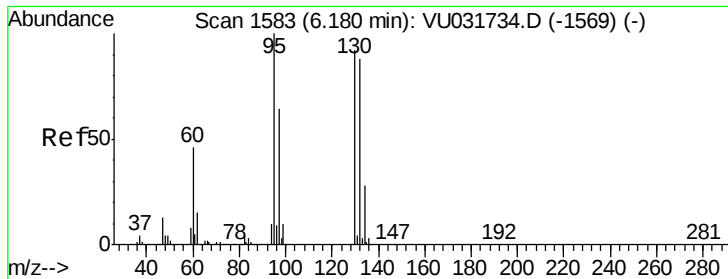


Abundance Ion 96.00 (95.70 to 96.70): VU031734.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VU031734.D (-953) (-)

Ion 68.00 (67.70 to 68.70): VU031734.D (-953) (-)





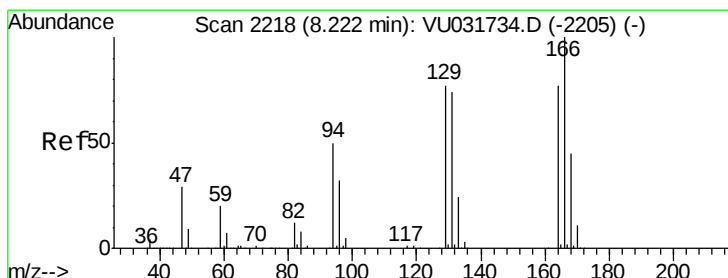
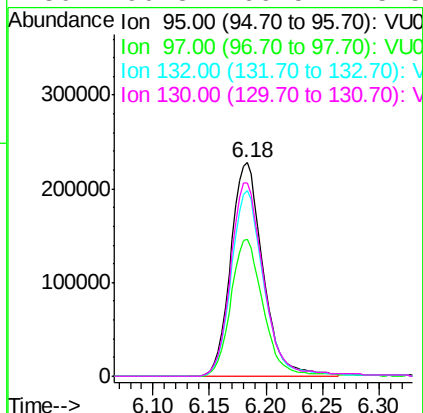
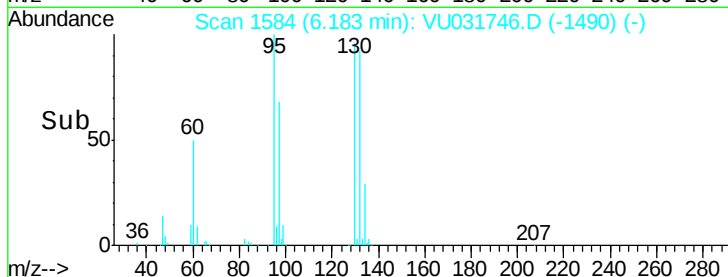
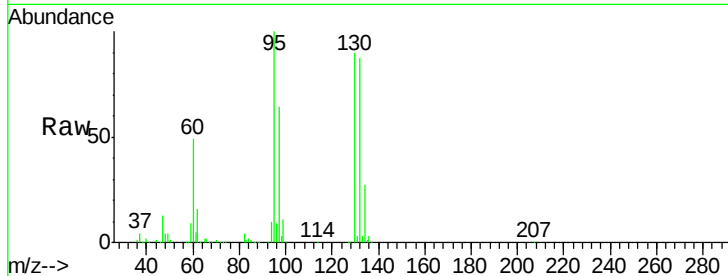
#34
 Trichloroethene
 Concen: 62.774 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031746.D
 Acq: 03 May 2019 13:44

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		454610		
97	64.3	44.8	83.2		
132	87.1	63.1	117.1		
130	90.3	66.5	123.5		

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#46
 Tetrachloroethene
 Concen: 61.142 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031746.D
 Acq: 03 May 2019 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		301866		
129	97.9	71.5	132.9		
131	97.3	69.0	128.2		
166	128.7	93.7	173.9		

