

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031637.D
 Acq On : 30 Apr 2019 16:29
 Operator : JC/SP
 Sample : K2593-05DL 2500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XD7DL

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 11:16:28 AM

Quant Time: May 01 02:40:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	678306	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	659907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224896	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	312198	54.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.98%
7) Chloroethane-d5	1.68	69	228838	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.32%
11) 1,1-Dichloroethene-d2	2.27	63	452054m	39.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.98%
21) 2-Butanone-d5	4.19	46	504008	97.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.99%
24) Chloroform-d	4.64	84	507024	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.30	65	356133	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
32) Benzene-d6	5.34	84	992616	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
36) 1,2-Dichloropropane-d6	6.32	67	360549	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.14%
41) Toluene-d8	7.56	98	782589	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.85	79	131703	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.31	63	275879	89.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	435017	45.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	231105	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	7344	0.764 ug/L	93
34) Trichloroethene	6.18	95	387098	65.819 ug/L	93
46) Tetrachloroethene	8.22	164	7554	1.884 ug/L	89

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

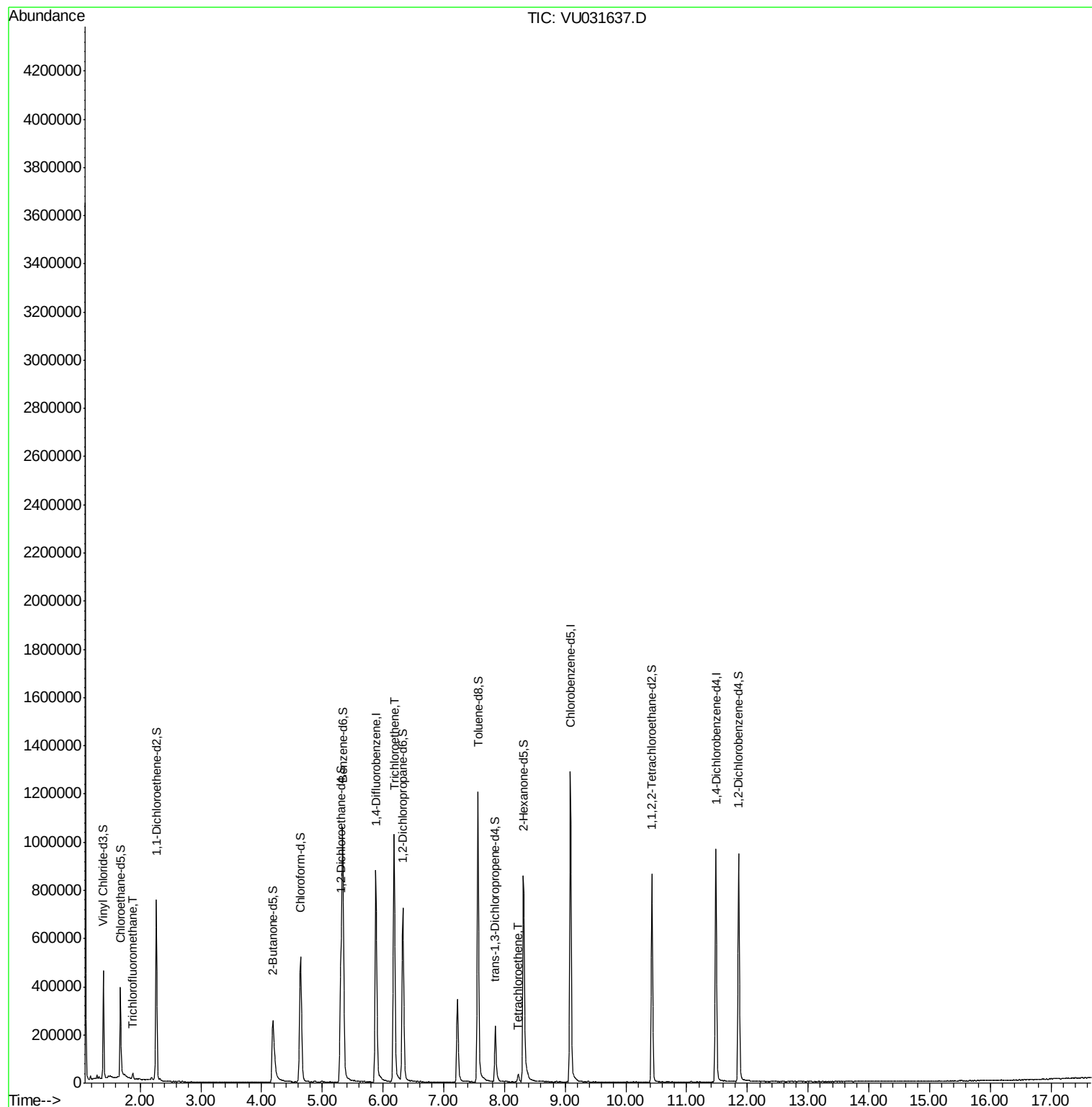
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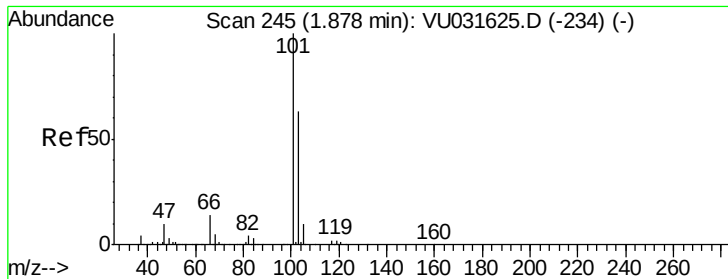
Instrument :
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#9

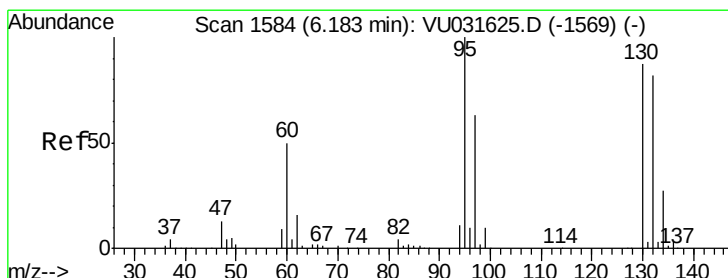
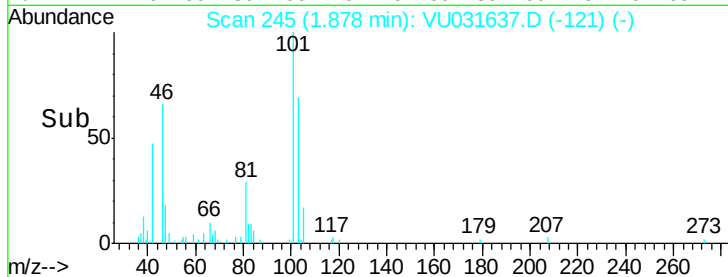
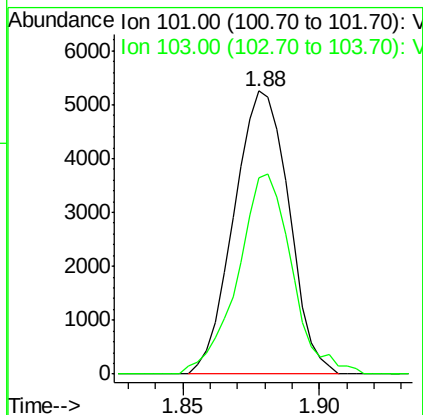
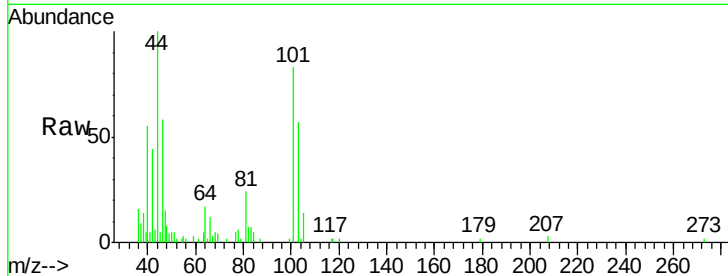
Trichlorofluoromethane
Concen: 0.764 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU031637.D
Acq: 30 Apr 2019 16:29

Instrument :
MSVOA_U
ClientSampleId :
C0XD7DL

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.2	50.8	76.2

Manual Integrations
APPROVED

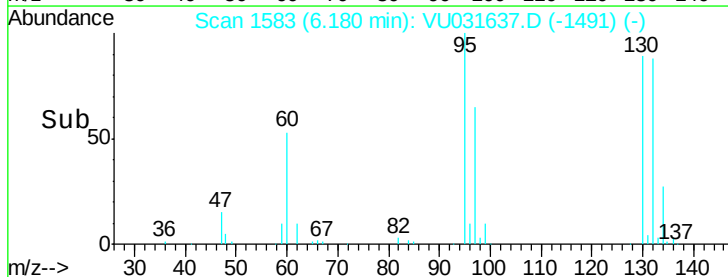
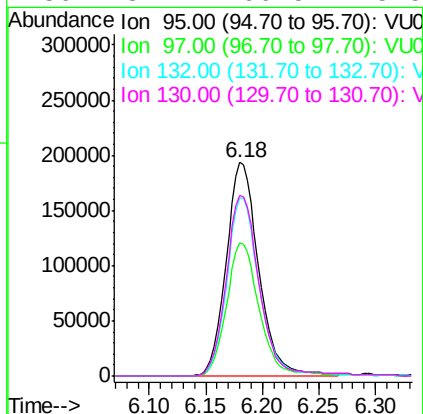
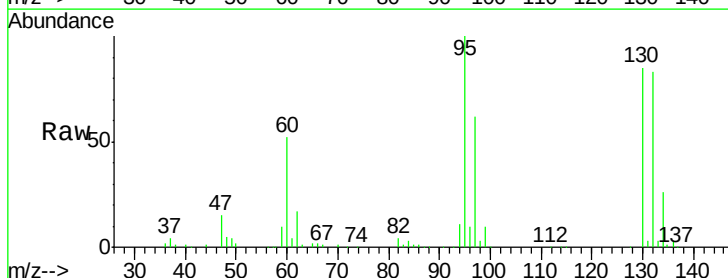
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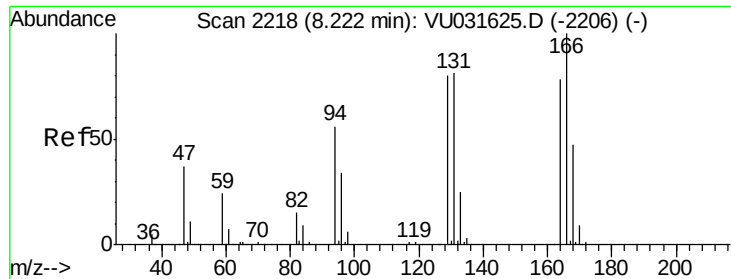


#34

Trichloroethene
Concen: 65.819 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031637.D
Acq: 30 Apr 2019 16:29

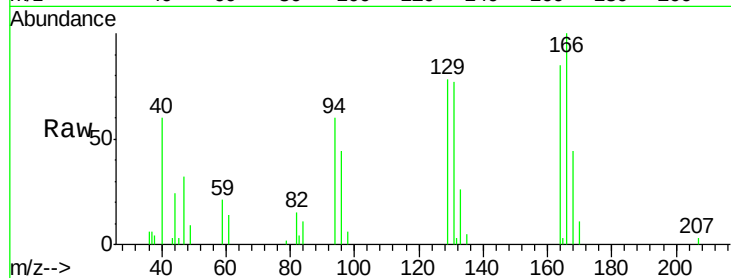
Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.8	83.2
132	83.2	63.1	117.1
130	84.7	66.5	123.5





#46
 Tetrachloroethene
 Concen: 1.884 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031637.D
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Tot Ion	Ratio	Lower	Upper
164	100		
129	91.3	71.5	132.9
131	90.1	69.0	128.2
166	117.2	93.7	173.9

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