

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031641.D
 Acq On : 30 Apr 2019 18:02
 Operator : JC/SP
 Sample : K2593-10DL 5000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X74DL

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 11:16:39 AM

Quant Time: May 01 02:56:42 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	671635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	652797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	303611	54.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.02%
7) Chloroethane-d5	1.68	69	222408	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	445881	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.66%
21) 2-Butanone-d5	4.19	46	497977	97.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	4.64	84	501940	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.31	65	350822	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
32) Benzene-d6	5.33	84	986050	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.32	67	357077	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.26%
41) Toluene-d8	7.56	98	781329	44.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.50%
43) trans-1,3-Dichloropropene-	7.85	79	130611	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
47) 2-Hexanone-d5	8.31	63	264892	86.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	428297	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	224502	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	9868	1.036 ug/L	96
34) Trichloroethene	6.18	95	700318	120.374 ug/L	94
46) Tetrachloroethene	8.23	164	2909m	0.733 ug/L	

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

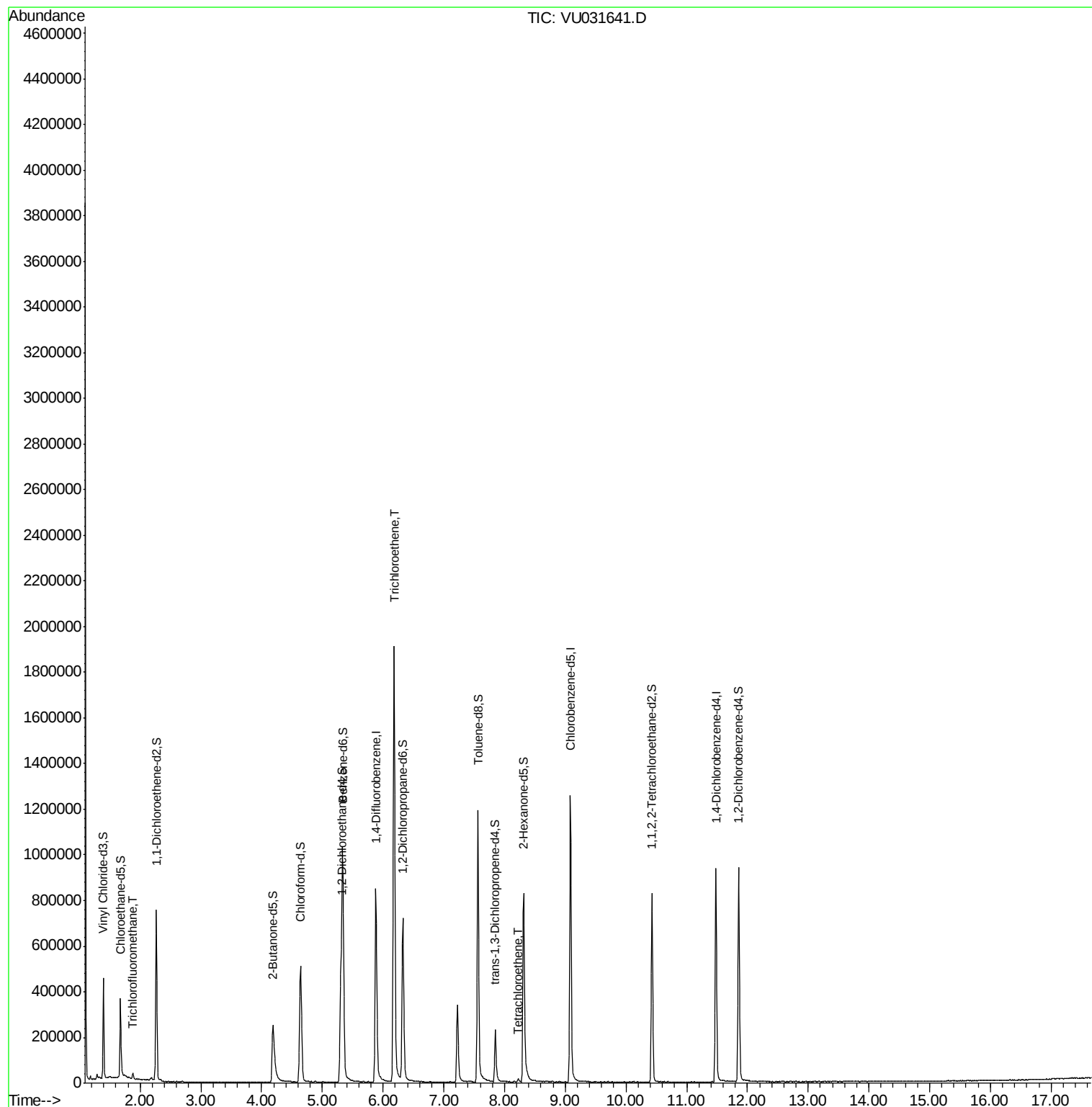
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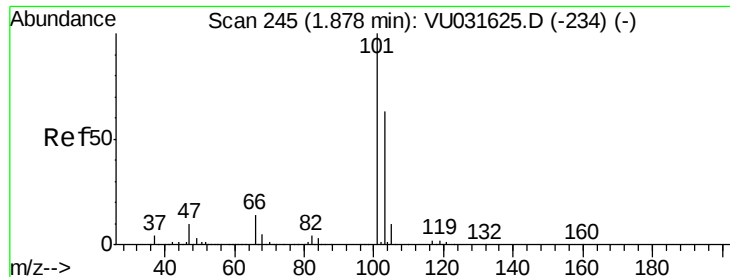
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#9

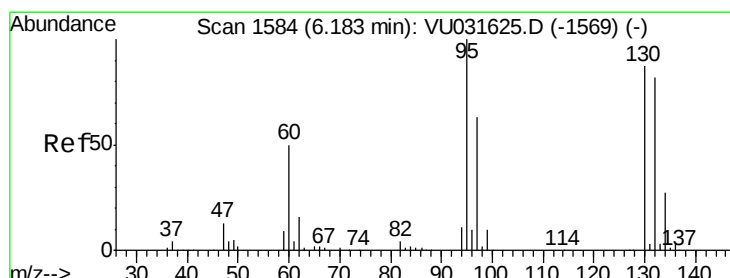
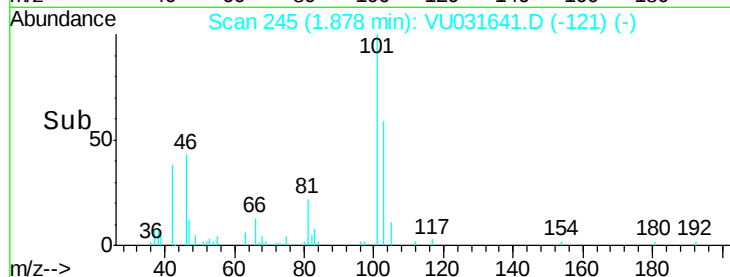
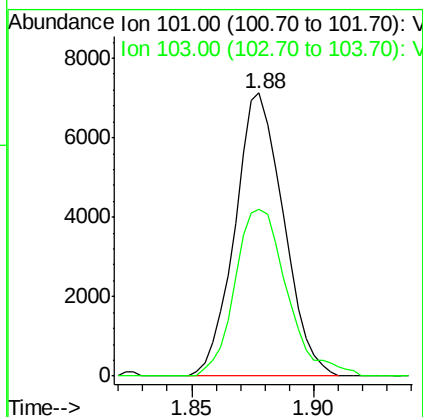
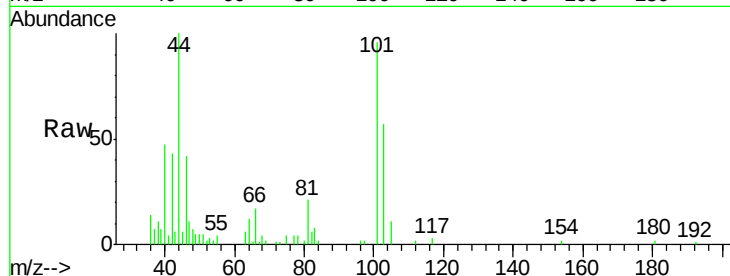
Trichlorofluoromethane
Concen: 1.036 ug/L
RT: 1.88 min Scan# 245
Delta R.T. -0.00 min
Lab File: VU031641.D
Acq: 30 Apr 2019 18:02

Instrument :
MSVOA_U
ClientSampleId :
C0X74DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	9868		
103	103	60.7		50.8	76.2

Manual Integrations
APPROVED

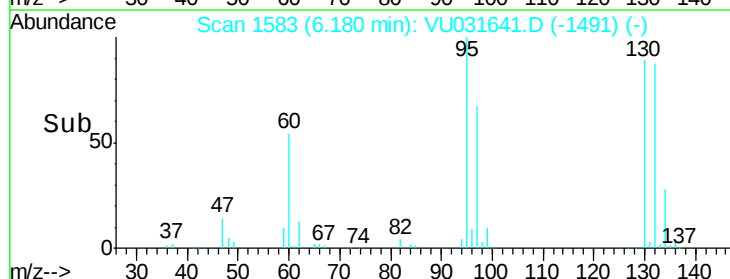
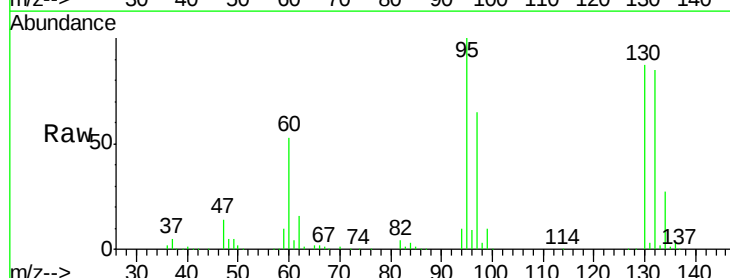
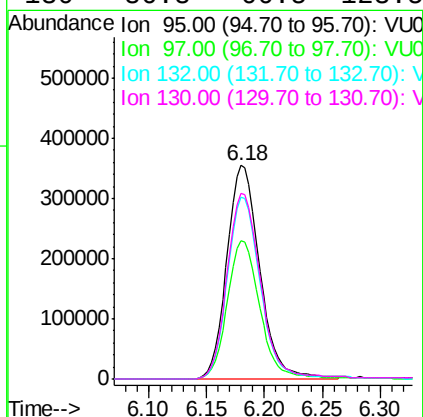
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5/1/2019 11:16:39 AM

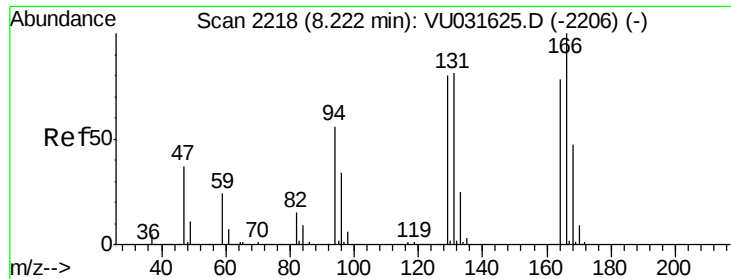


#34

Trichloroethene
Concen: 120.374 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031641.D
Acq: 30 Apr 2019 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	95	100	700318		
97	97	64.9		44.8	83.2
132	132	84.8		63.1	117.1
130	130	86.8		66.5	123.5





#46

Tetrachloroethene

Concen: 0.733 ug/L m

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031641.D

Acq: 30 Apr 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

C0X74DL

Tot Ion:164 Resp: 2909

Ion Ratio Lower Upper

164 100

129 105.2 71.5 132.9

131 91.7 69.0 128.2

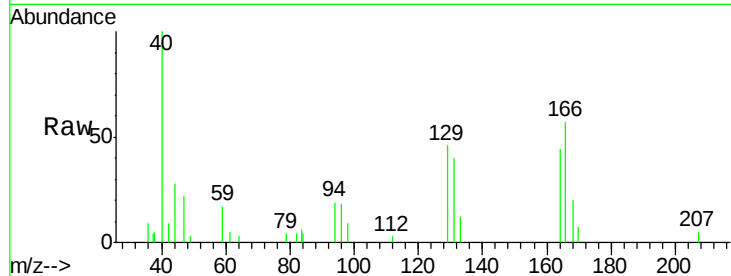
166 130.2 93.7 173.9

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

