

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031441.D
 Acq On : 23 Apr 2019 16:22
 Operator : JC/SP
 Sample : K2536-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X23

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 10:46:06 AM

Quant Time: Apr 24 08:08:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	721926	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	686655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	237016	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.04%
7) Chloroethane-d5	1.68	69	198408	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.10%
11) 1,1-Dichloroethene-d2	2.27	63	339142	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.66%
21) 2-Butanone-d5	4.19	46	454138	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	4.64	84	419479	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	268099	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.34	84	893454	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.32	67	294808	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.56	98	792371	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	129856	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.31	63	333435	104.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	380025	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	293695	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	9044	1.174 ug/L	# 83
20) cis-1,2-Dichloroethene	4.22	96	3479m	0.676 ug/L	
34) Trichloroethene	6.18	95	615004	116.861 ug/L	99
46) Tetrachloroethene	8.23	164	5977	1.601 ug/L	94

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

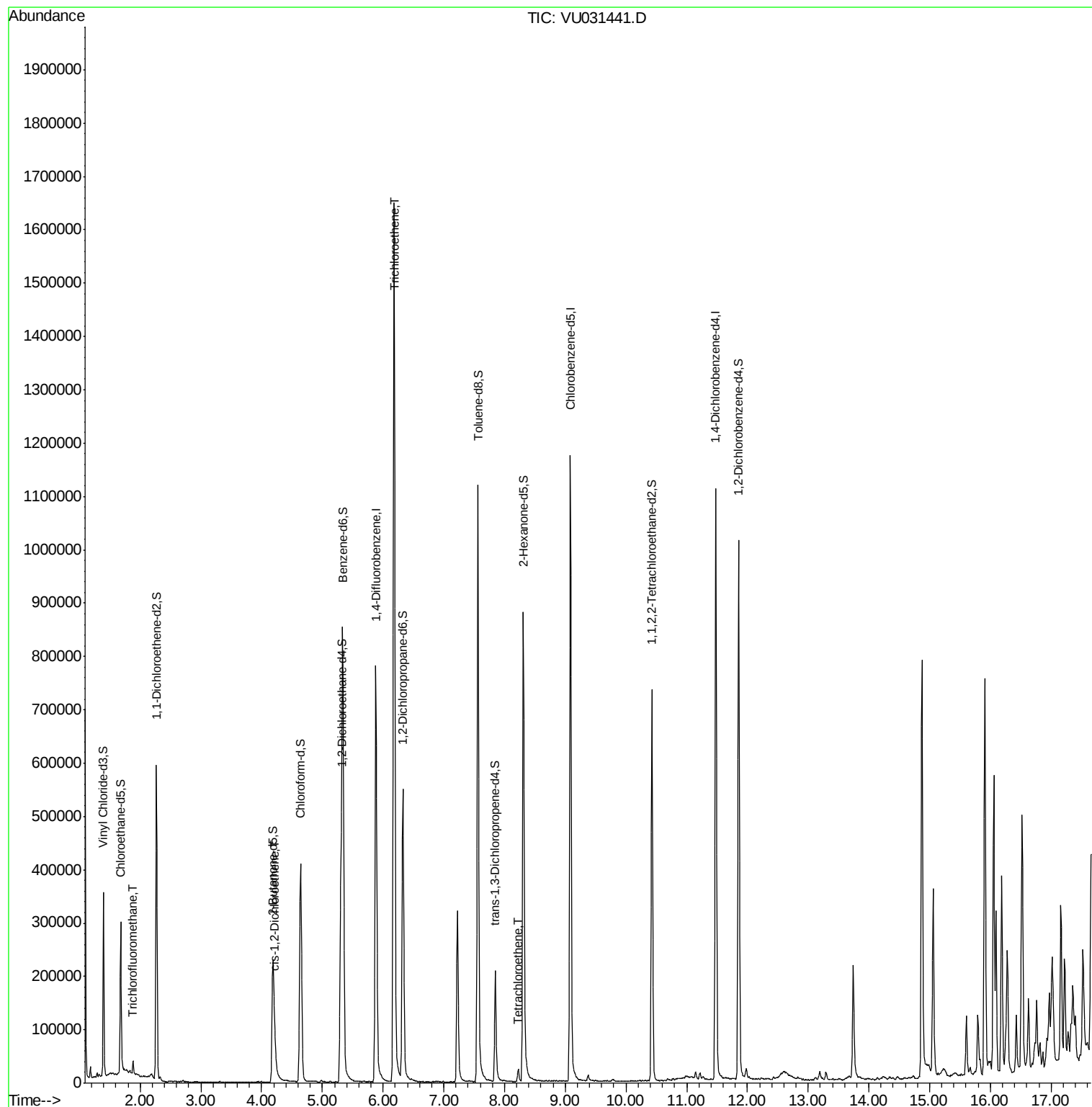
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
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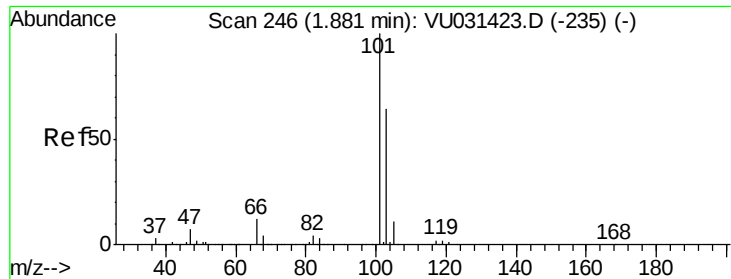
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.174 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU031441.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_U

ClientSampleId :

C0X23

Tot Ion:101 Resp: 9044

Ion Ratio Lower Upper

101 100

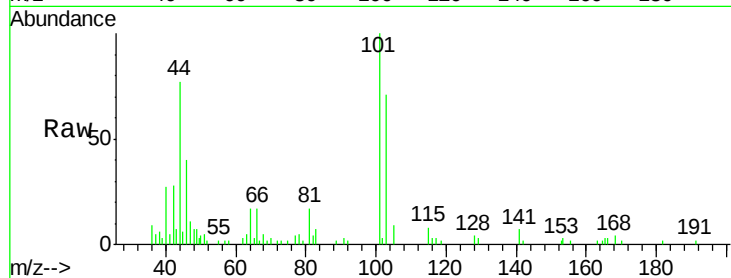
103 77.6 51.4 77.2#

Manual Integrations

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

8000

6000

4000

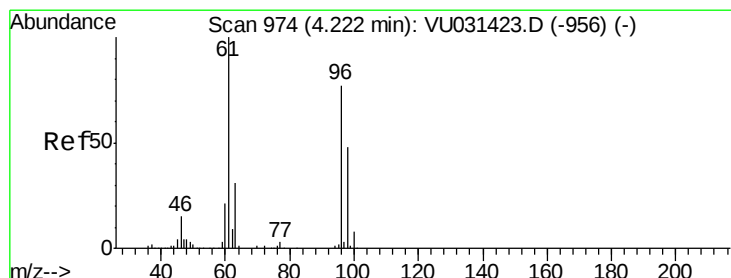
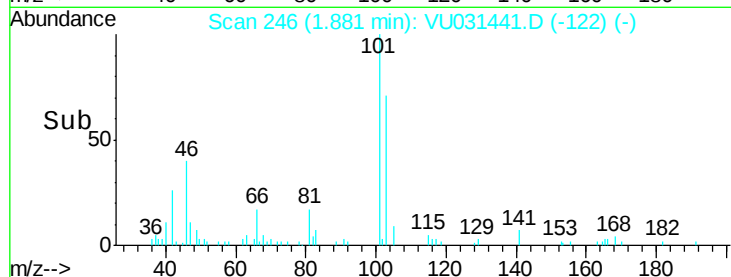
2000

0

1.85

1.90

Time-->



#20

cis-1,2-Dichloroethene

Concen: 0.676 ug/L m

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031441.D

Acq: 23 Apr 2019 16:22

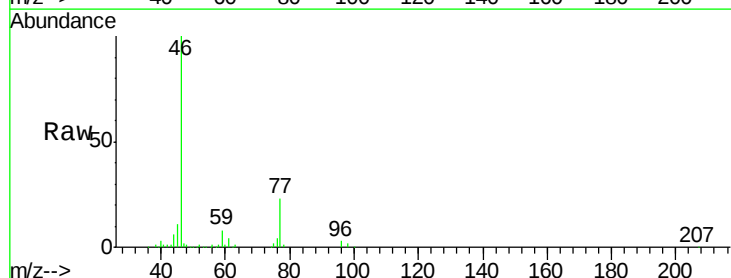
Tgt Ion: 96 Resp: 3479

Ion Ratio Lower Upper

96 100

61 137.3 91.9 170.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

2500

2000

1500

1000

500

0

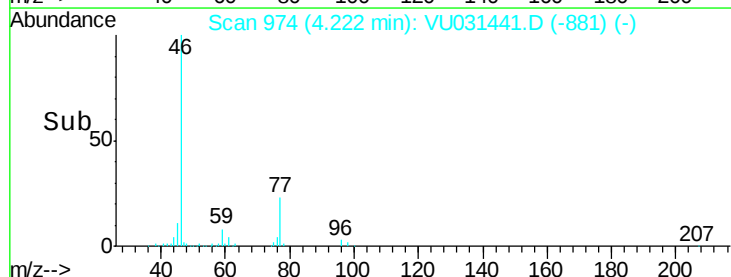
4.15

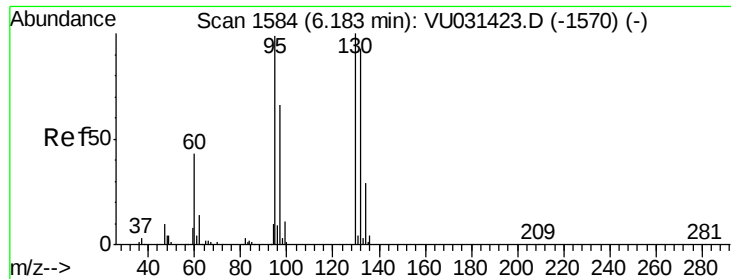
4.20

4.25

4.30

Time-->





#34

Trichloroethene

Concen: 116.861 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031441.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_U

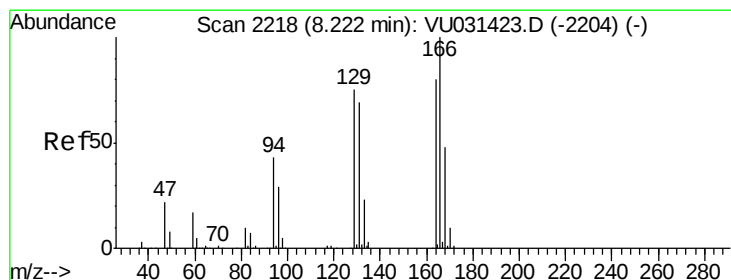
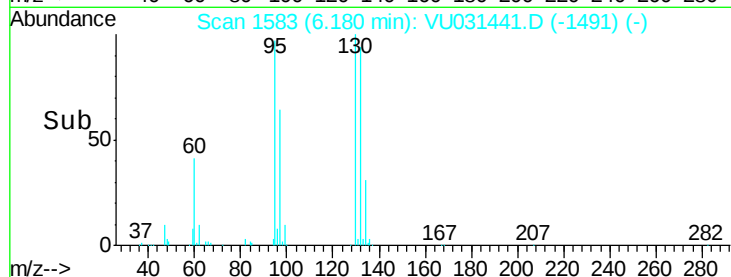
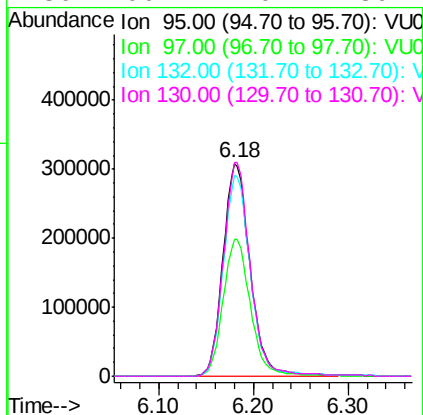
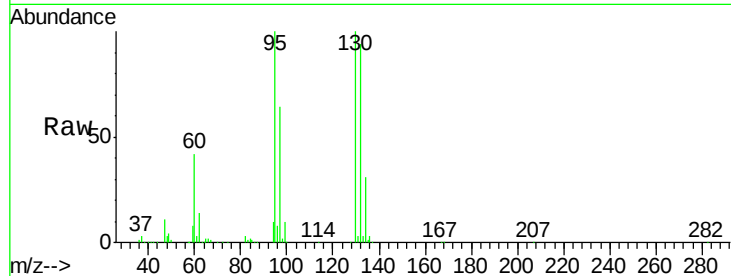
ClientSampleId :

C0X23

Tot Ion	95	Resp	615004
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.9	83.5
132	94.2	68.0	126.2
130	100.4	70.1	130.1

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#46

Tetrachloroethene

Concen: 1.601 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031441.D

Acq: 23 Apr 2019 16:22

Tgt Ion	164	Resp	5977
Ion	Ratio	Lower	Upper
164	100		
129	96.3	65.2	121.0
131	94.3	61.4	114.0
166	118.4	89.2	165.6

