

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037321.D
 Acq On : 17 Mar 2020 16:52
 Operator : JC/MD
 Sample : L1494-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG8

Manual Integrations
 APPROVED

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 3/18/2020 12:03:00 PM

Quant Time: Mar 18 04:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 02:36:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	416001	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	402027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161698	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122398	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.04%
7) Chloroethane-d5	1.93	69	114408	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.59	63	187894	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.67	46	267068	104.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	5.11	84	286654	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.74	65	212924	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.76	84	525312	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.72	67	175215	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.74%
41) Toluene-d8	7.93	98	494370	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%
43) trans-1,3-Dichloropropene-	8.20	79	90909	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.20%
47) 2-Hexanone-d5	8.66	63	188456	100.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	267734	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	182484	54.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.82%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.60	96	7724	3.146 ug/L	# 1
13) Acetone	2.65	43	4795m	1.984 ug/L	
20) cis-1,2-Dichloroethene	4.71	96	8908	2.863 ug/L	74
30) 1,1,1-Trichloroethane	5.35	97	6885	1.290 ug/L	97
34) Trichloroethene	6.57	95	113571	36.883 ug/L	100

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

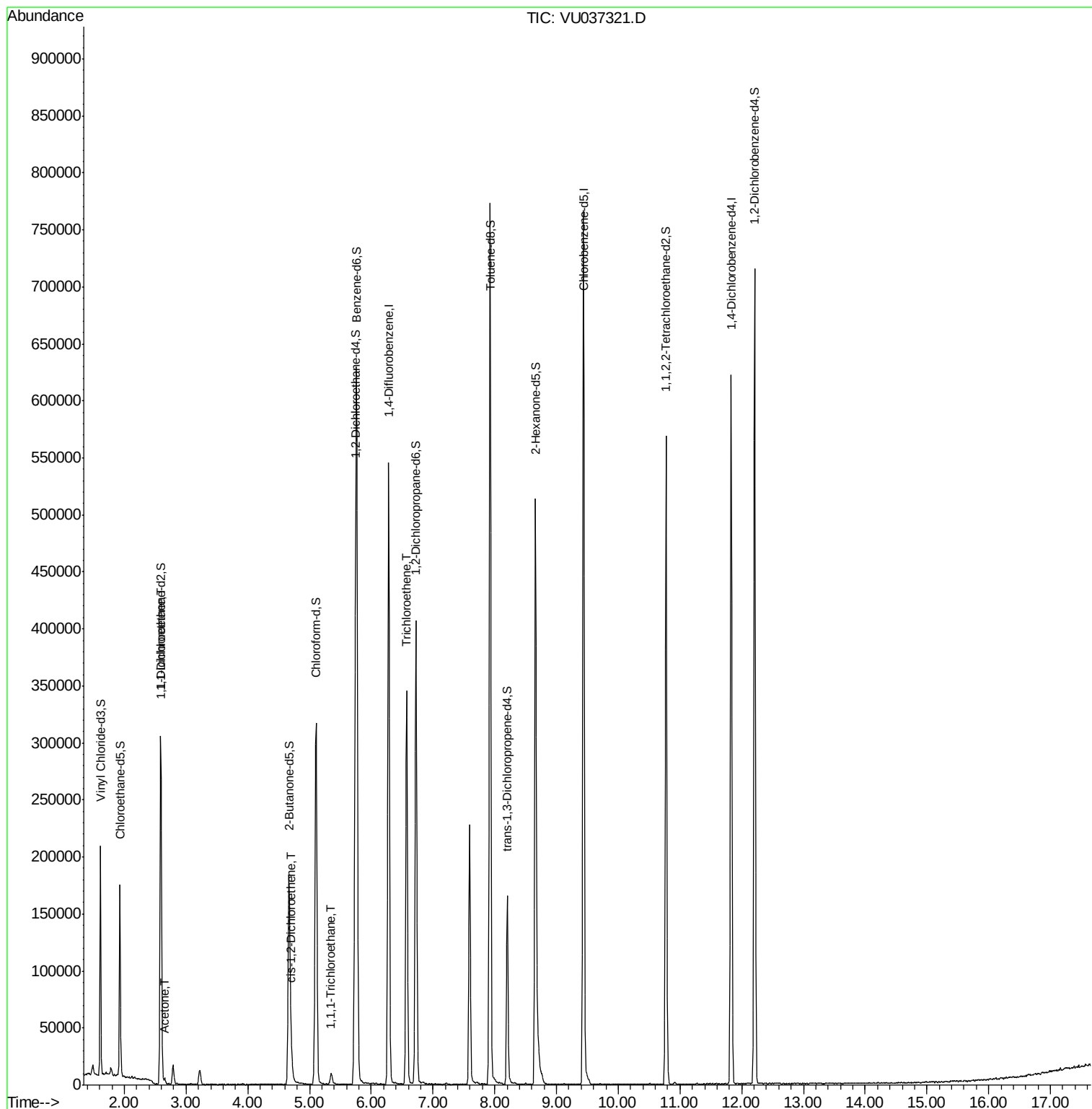
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031720\
Data File : VU037321.D
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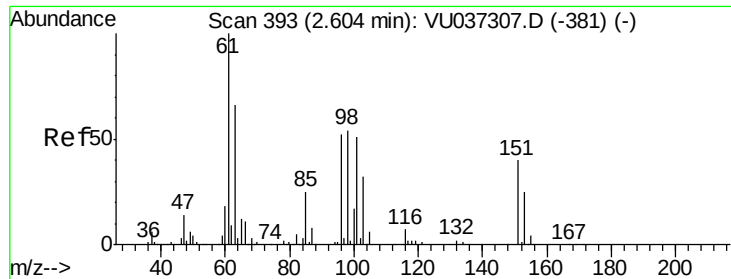
Instrument :
MSVOA_U
ClientSampleId :
C0NG8

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Quant Time: Mar 18 04:22:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 02:36:04 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.146 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037321.D

Acq: 17 Mar 2020 16:52

Instrument :

MSVOA_U

ClientSampleId :

CONG8

Tot Ion: 96 Resp: 7724

Ion Ratio Lower Upper

96 100

61 310.3 138.8 257.8#

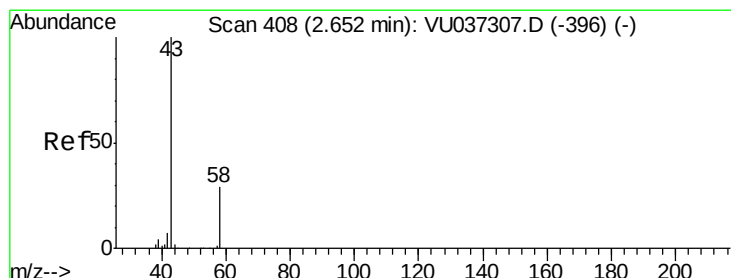
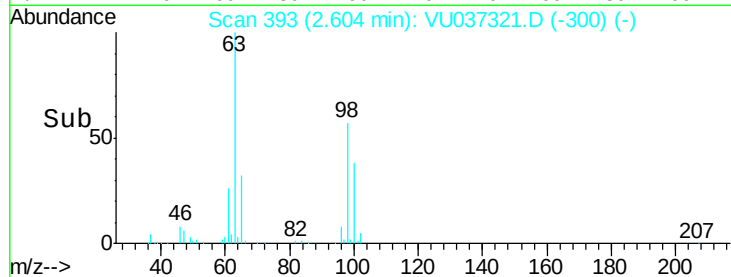
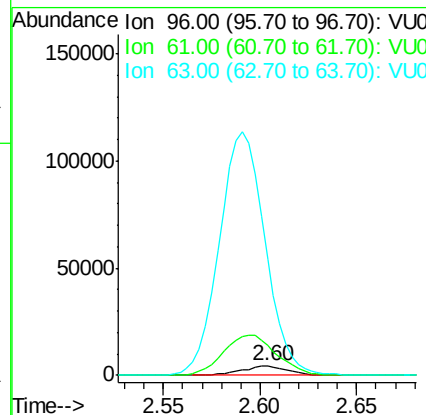
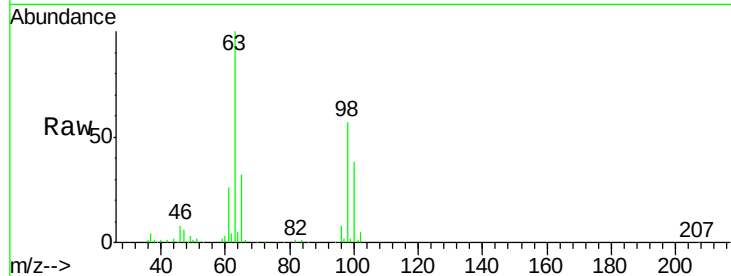
63 1214.2 106.4 197.6

Manual Integrations

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#13

Acetone

Concen: 1.984 ug/L m

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037321.D

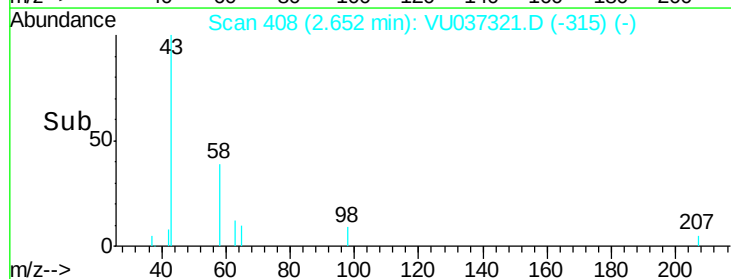
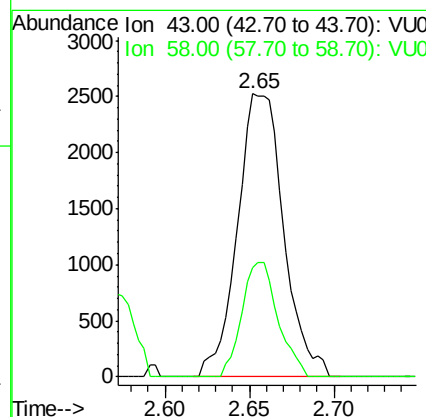
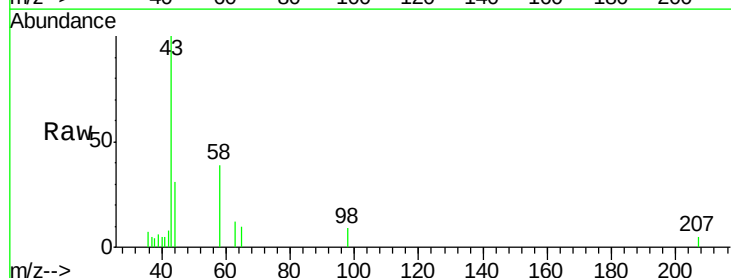
Acq: 17 Mar 2020 16:52

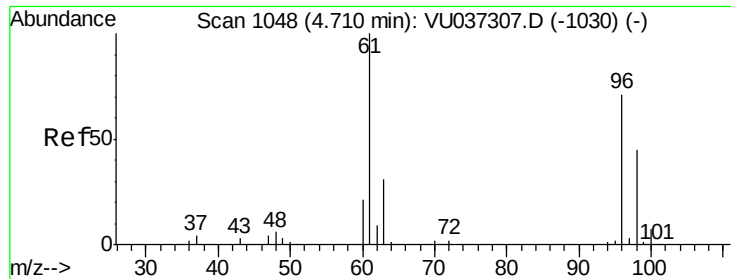
Tgt Ion: 43 Resp: 4795

Ion Ratio Lower Upper

43 100

58 2.7 0.0 57.2





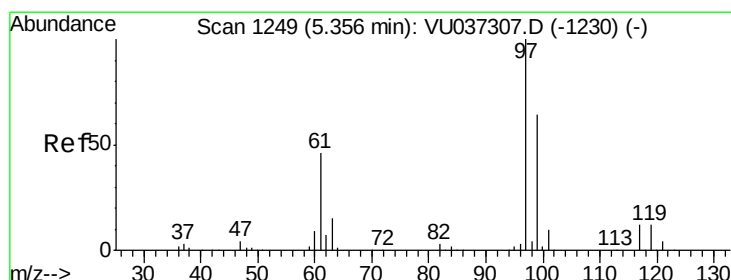
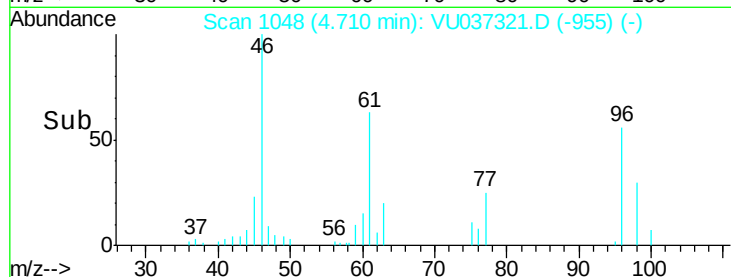
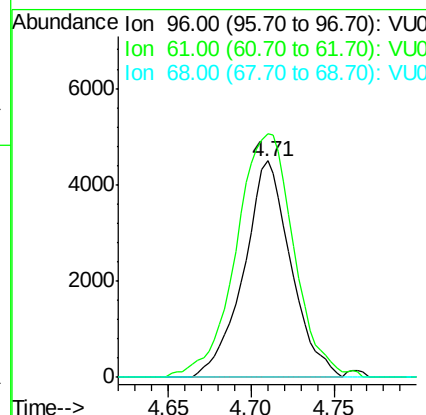
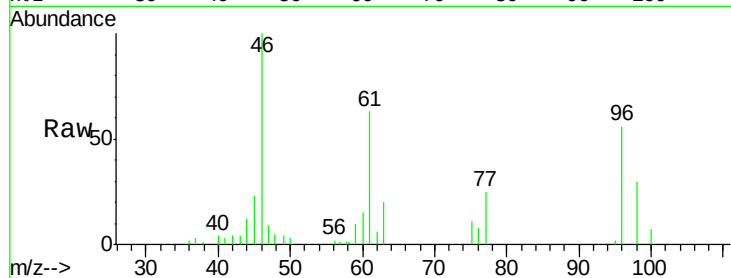
#20
 cis-1,2-Dichloroethene
 Concen: 2.863 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU037321.D
 Acq: 17 Mar 2020 16:52

Instrument :
 MSVOA_U
 ClientSampled :
 CONG8

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.5	101.2	187.8
68	0.0	0.0	0.0

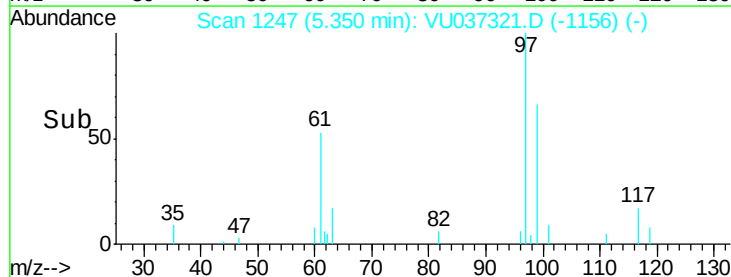
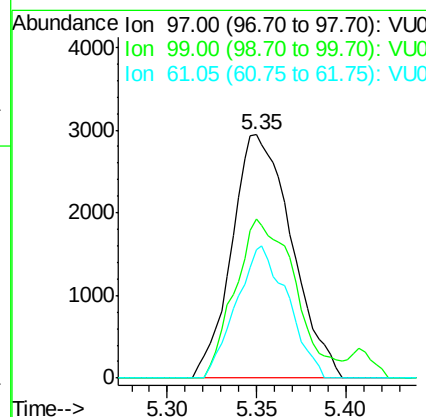
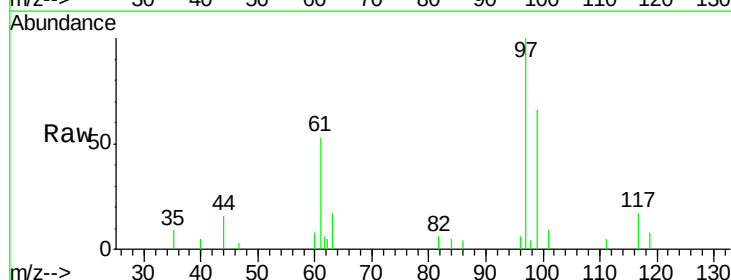
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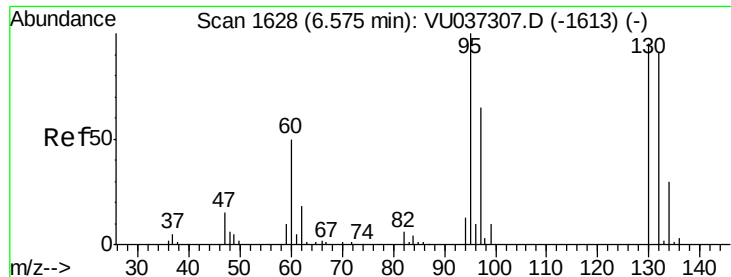
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#30
 1,1,1-Trichloroethane
 Concen: 1.290 ug/L
 RT: 5.35 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: VU037321.D
 Acq: 17 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.4	77.0
61	46.5	39.0	58.4





#34

Trichloroethene

Concen: 36.883 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037321.D

Acq: 17 Mar 2020 16:52

Instrument :

MSVOA_U

ClientSampleId :

C0NG8

Tot Ion: 95 Resp: 113571
Ion Ratio Lower Upper

95 100

97 62.6 43.8 81.4

132 89.3 62.6 116.3

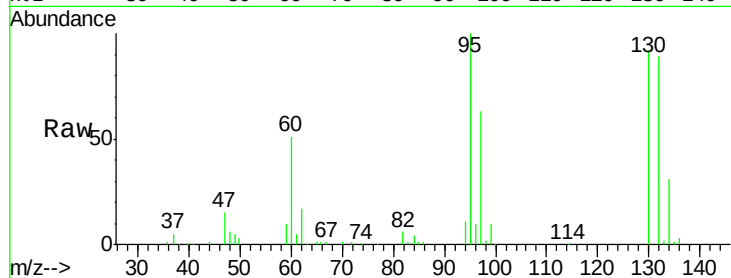
130 91.9 64.8 120.4

Manual Integrations

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Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

