

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028310.D
 Acq On : 21 Nov 2018 11:29
 Operator : MD/SY
 Sample : J5986-22DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP9DL

Quant Time: Nov 21 23:15:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	168485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66320	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.68	69	51975	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.27	63	94554	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.19	46	187530	44.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.40%
24) Chloroform-d	4.65	84	108174	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	63100	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.34	84	224305	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	81775	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.57	98	191942	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.85	79	28844	5.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.80%
46) 2-Hexanone-d5	8.31	63	133516	42.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55273	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	62467	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

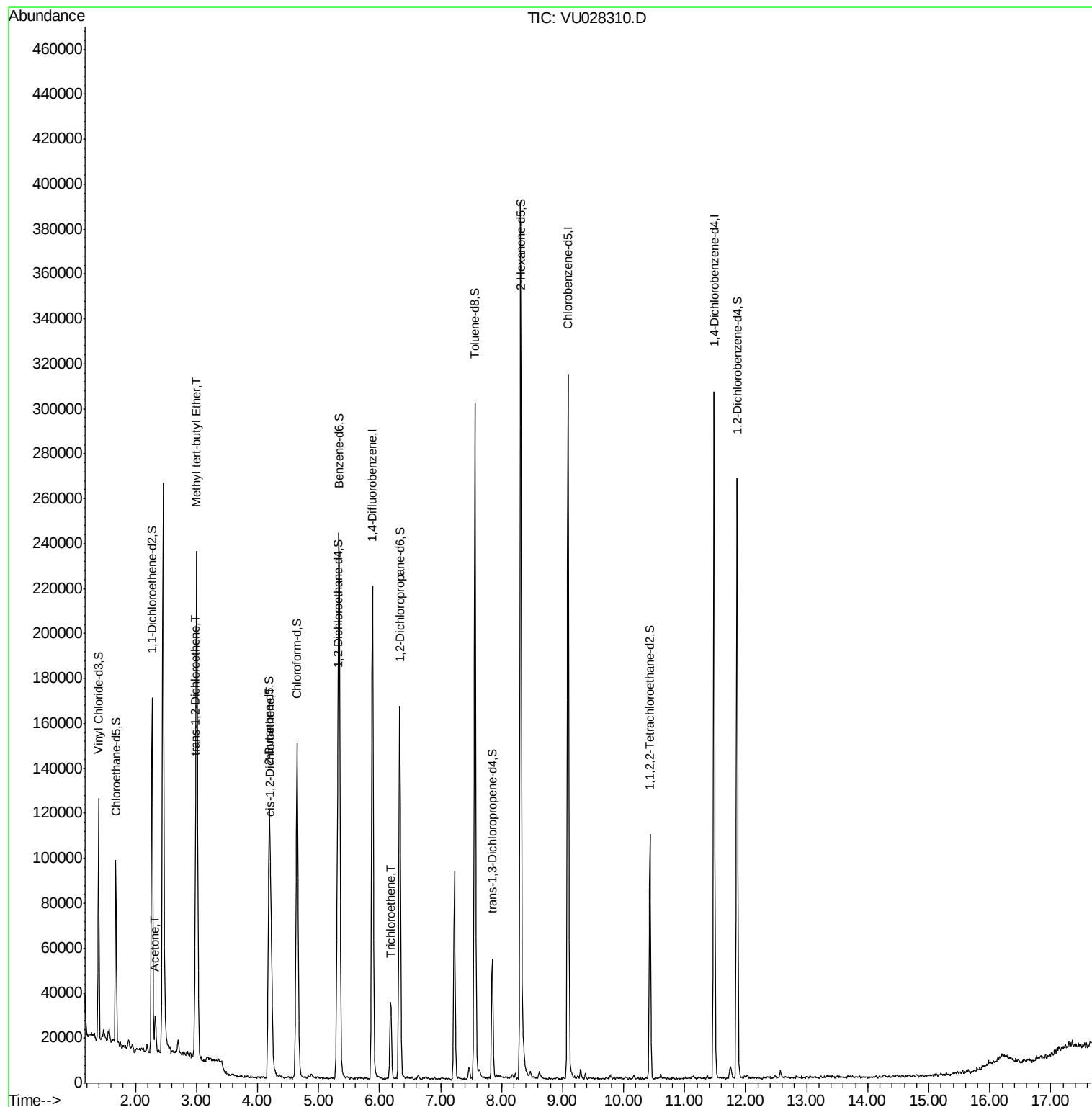
					Qvalue
13) Acetone	2.32	43	14722	5.045 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	220419	7.074 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	3432	0.311 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	22015	1.686 ug/L	97
34) Trichloroethene	6.19	95	12669	1.005 ug/L	96

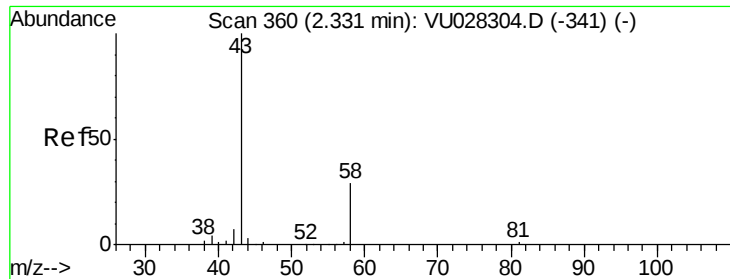
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.045 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.01 min

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Acq: 21 Nov 2018 11:29

Instrument :

MSVOA_U

ClientSampleId :

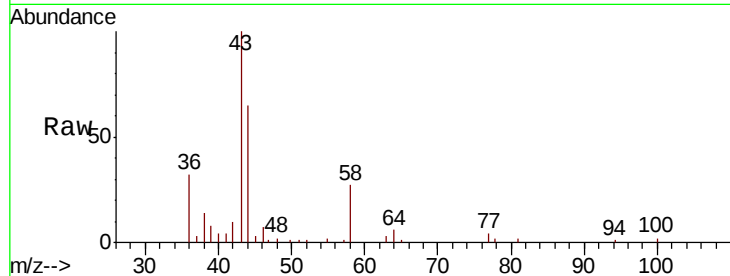
H0FP9DL

Tgt Ion: 43 Resp: 14722

Ion Ratio Lower Upper

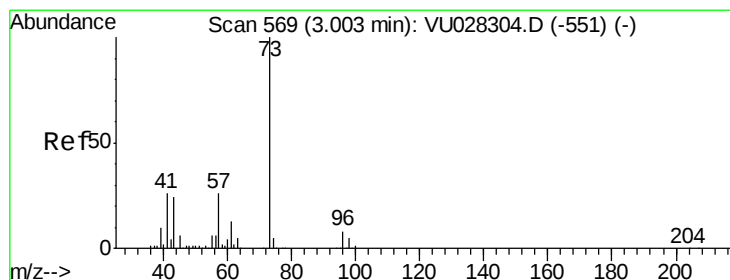
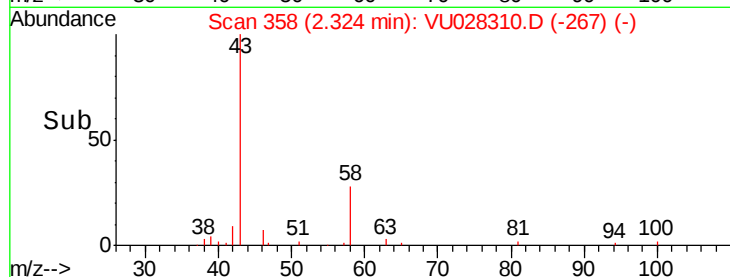
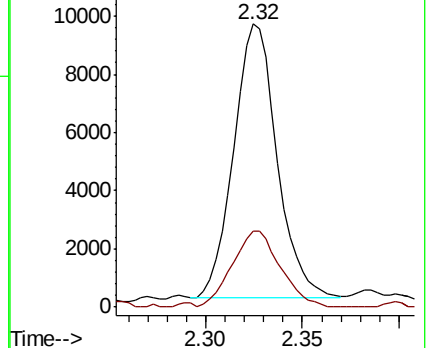
43 100

58 30.7 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#17

Methyl tert-butyl Ether

Concen: 7.074 ug/L

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU028310.D

Acq: 21 Nov 2018 11:29

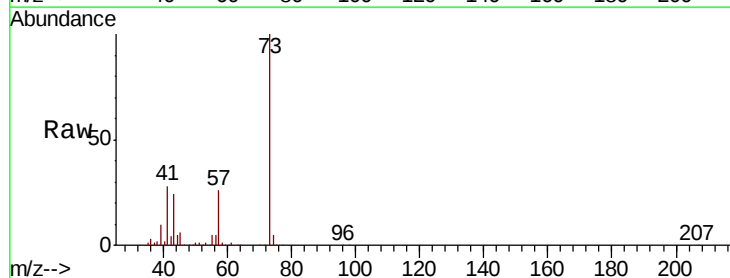
Tgt Ion: 73 Resp: 220419

Ion Ratio Lower Upper

73 100

43 23.3 18.8 28.2

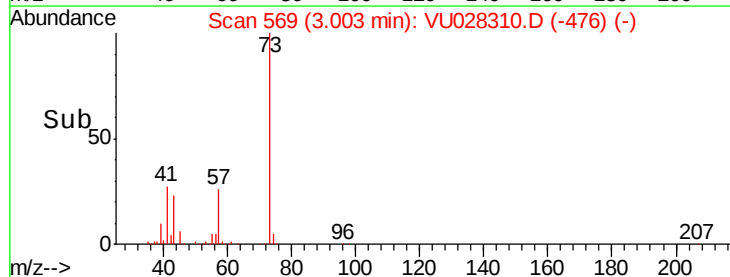
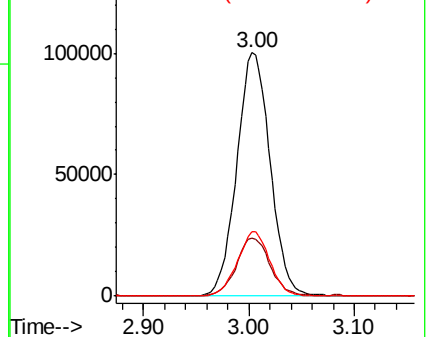
57 25.7 19.2 28.8

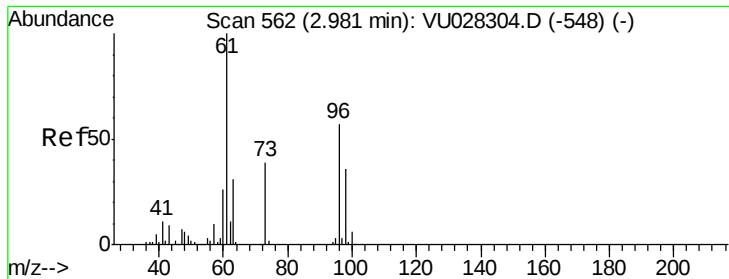


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.311 ug/L

RT: 2.98 min Scan# 561

Delta R.T. -0.00 min

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Acq: 21 Nov 2018 11:29

Instrument :

MSVOA_U

ClientSampleId :

H0FP9DL

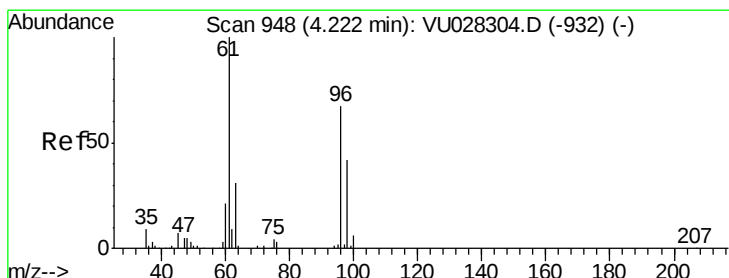
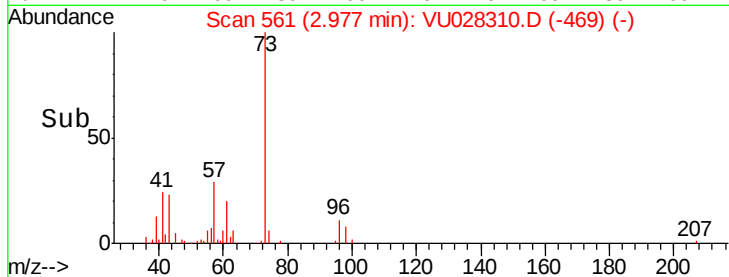
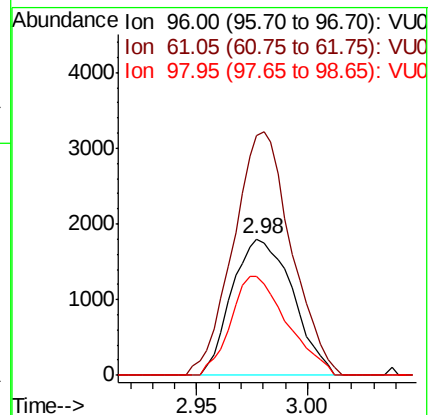
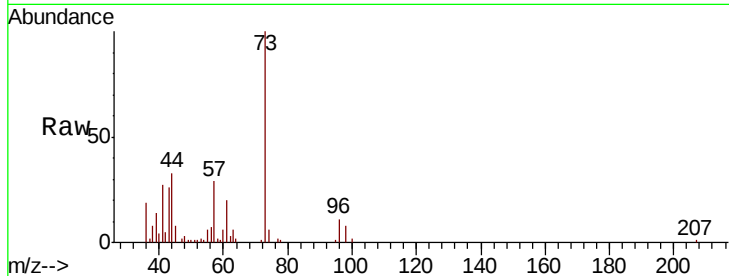
Tgt Ion: 96 Resp: 3432

Ion Ratio Lower Upper

96 100

61 175.5 122.2 227.0

98 72.4 44.9 83.5



#22

cis-1,2-Dichloroethene

Concen: 1.686 ug/L

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU028310.D

Acq: 21 Nov 2018 11:29

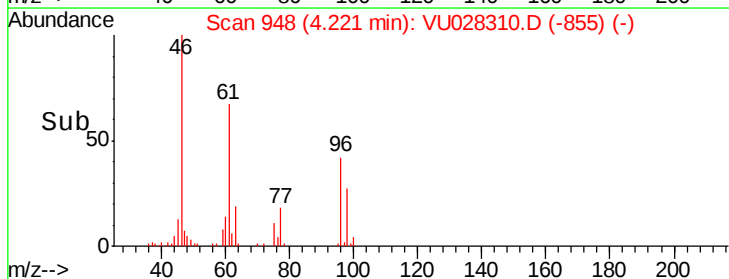
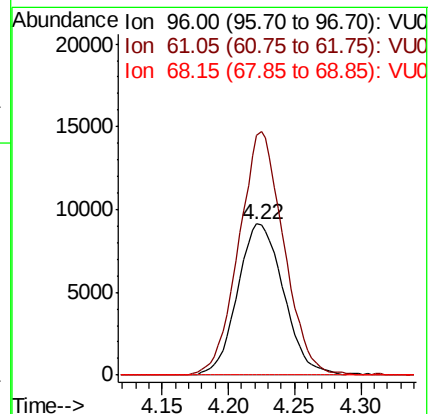
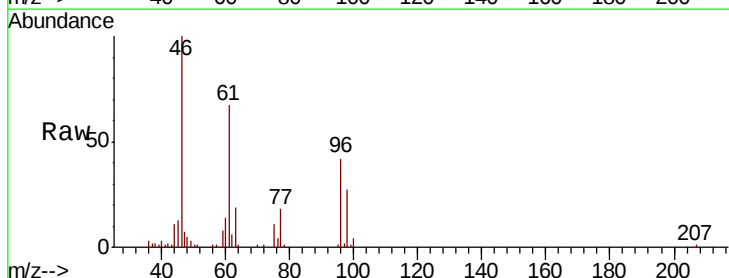
Tgt Ion: 96 Resp: 22015

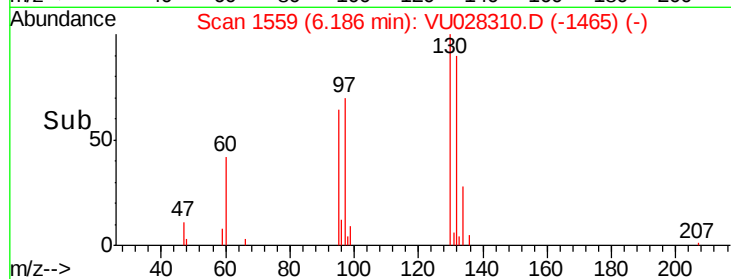
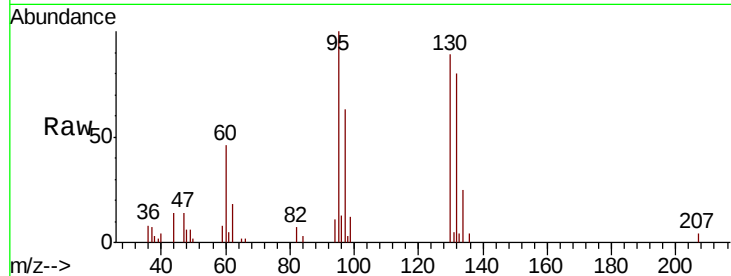
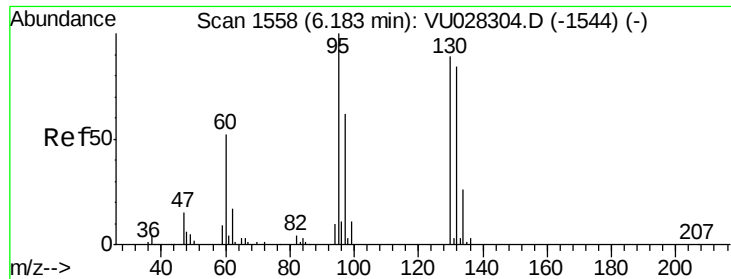
Ion Ratio Lower Upper

96 100

61 158.1 108.0 200.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.005 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028310.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA_U

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H0FP9DL

Tgt Ion: 95 Resp: 12669

Ion Ratio Lower Upper

95 100

97 62.7 46.5 86.3

132 80.2 58.9 109.3

130 89.5 61.3 113.9

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

