

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041189.D
 Acq On : 10 Nov 2020 19:57
 Operator : SY/MD
 Sample : L4646-20DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W4DL

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 9:59:37 AM

Quant Time: Nov 11 03:47:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54703	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23507	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13946	3.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.60%
7) Chloroethane-d5	1.92	69	15850	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.58	63	22192	2.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.20%#
20) 2-Butanone-d5	4.65	46	78584	51.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	5.08	84	44280	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.72	65	26505	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	73005	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.70	67	27975	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.80%
41) Toluene-d8	7.91	98	50017	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.19	79	8615	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	55017	50.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21631	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	22576	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds					Ovalue
16) Methylene chloride	3.06	84	906	0.201 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	505	0.129 ug/L	71
22) cis-1,2-Dichloroethene	4.69	96	40302	9.950 ug/L	100
33) Benzene	5.79	78	5851m	0.362 ug/L	
34) Trichloroethene	6.55	95	44814	10.905 ug/L	98

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

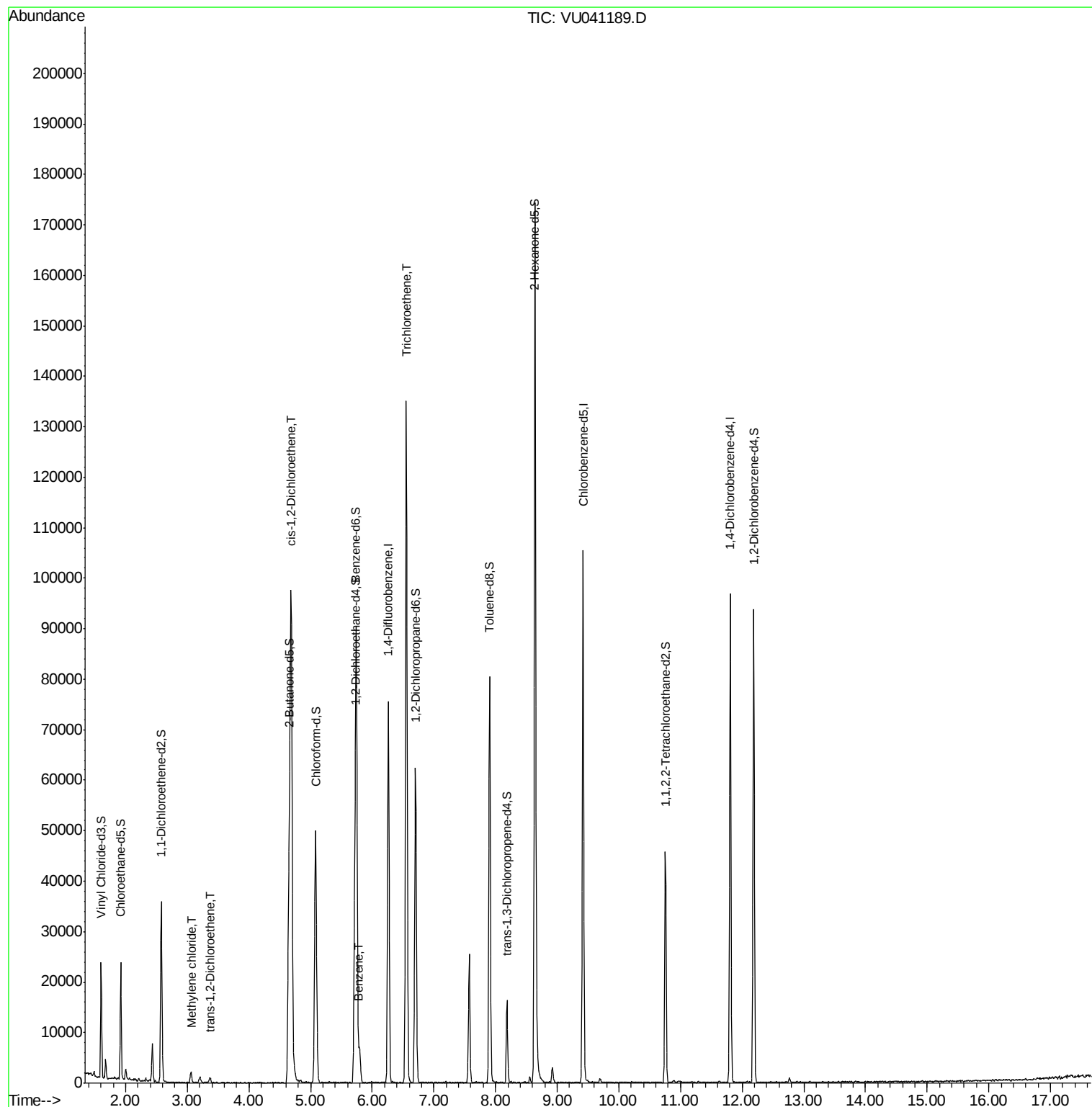
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
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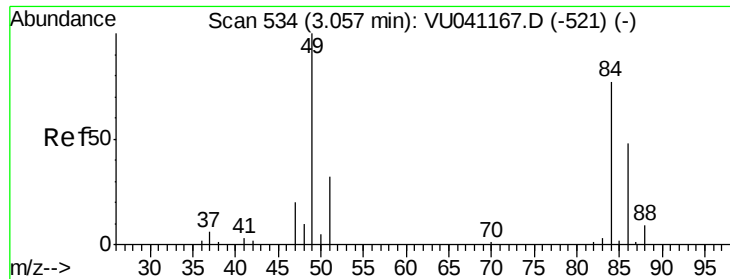
Instrument :
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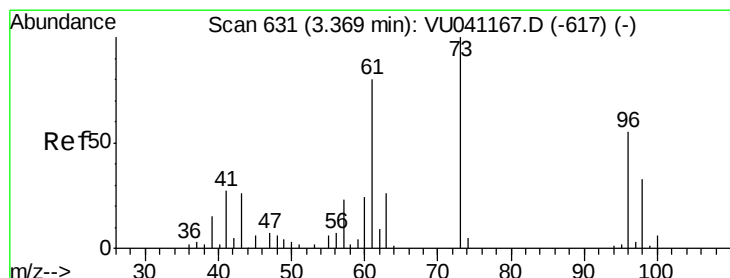
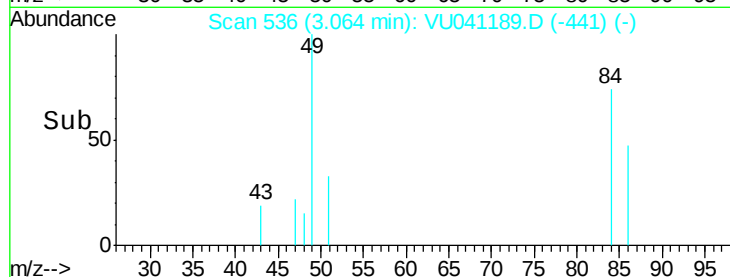
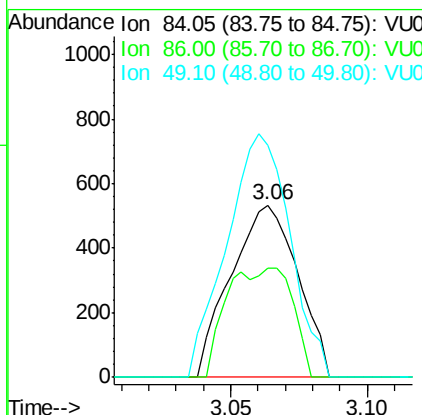
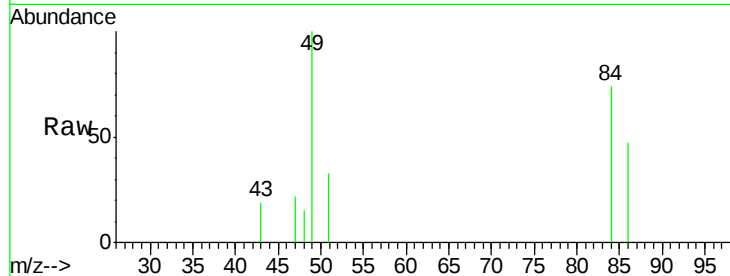
#16
Methvlene chloride
Concen: 0.201 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041189.D
Acq: 10 Nov 2020 19:57

Instrument :
MSVOA_U
ClientSampleId :
GB0W4DL

Tot Ion	Ratio	Lower	Upper
84	100		
86	63.6	42.8	79.6
49	135.1	99.5	184.7

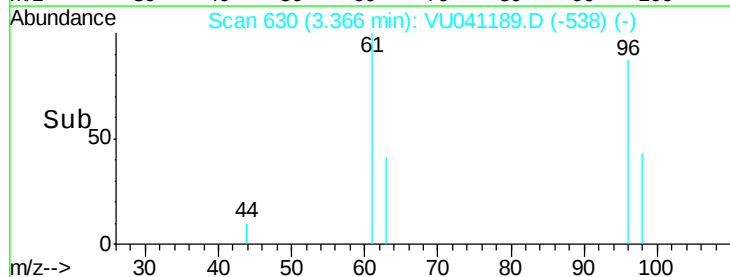
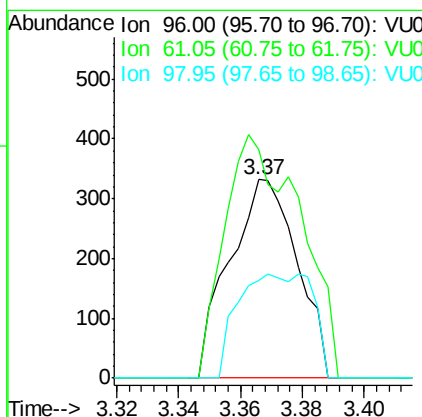
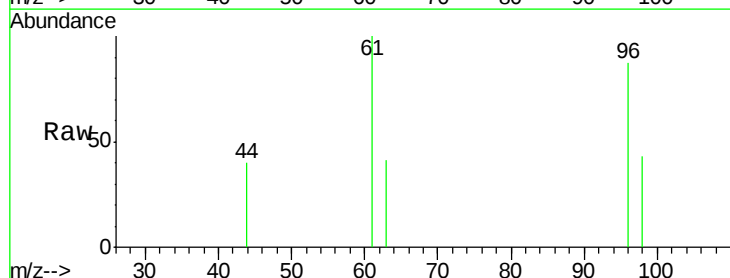
Manual Integrations
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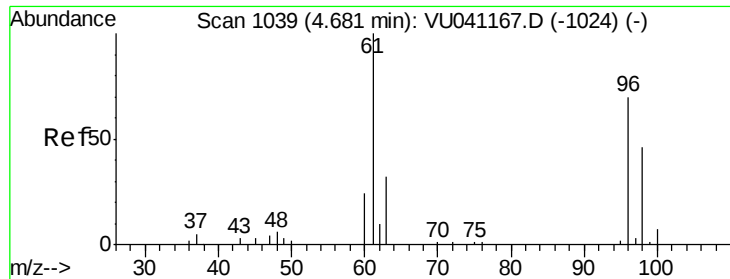
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#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU041189.D
Acq: 10 Nov 2020 19:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	115.1	110.9	205.9
98	49.4	45.4	84.2





#22

cis-1,2-Dichloroethene

Concen: 9.950 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041189.D

Acq: 10 Nov 2020 19:57

Instrument :

MSVOA_U

ClientSampleId :

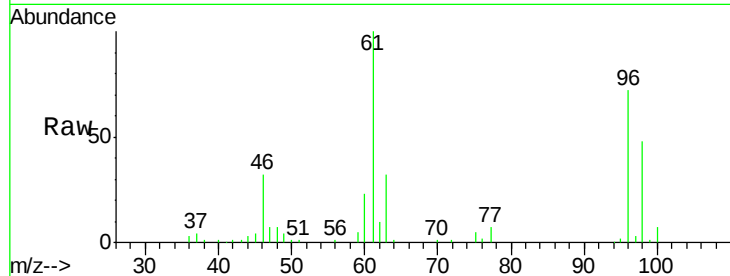
GB0W4DL

Tot Ion: 96 Resp: 40302

Ion	Ratio	Lower	Upper
96	100		
61	139.4	97.2	180.4
68	0.0	0.0	0.0

Manual Integrations
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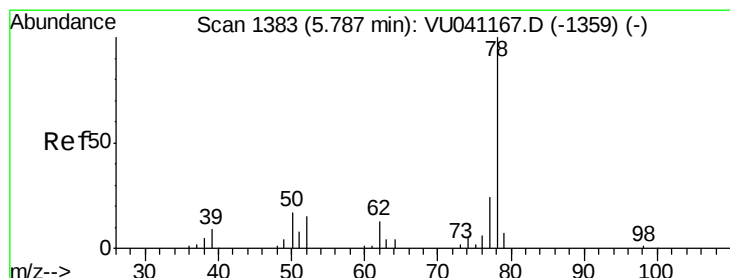
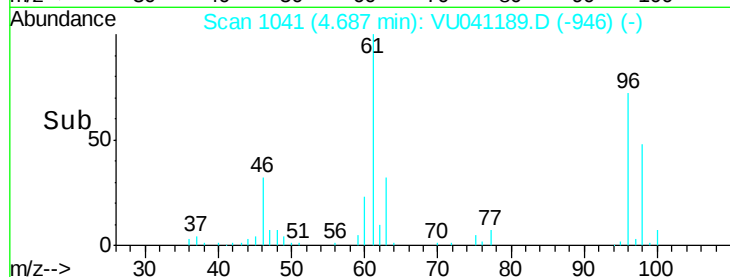
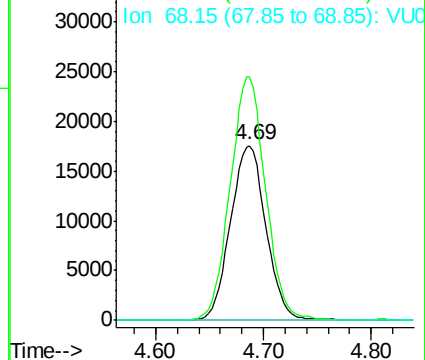
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Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene

Concen: 0.362 ug/L m

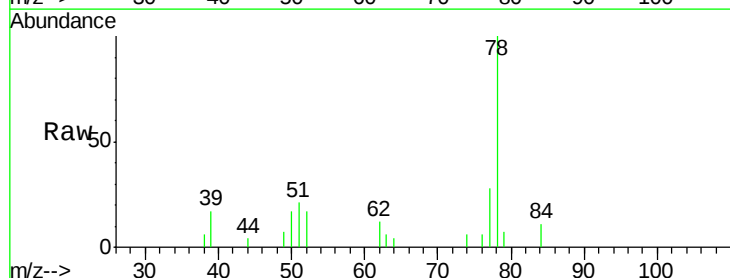
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

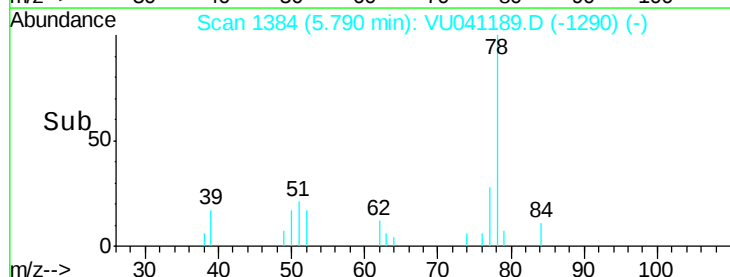
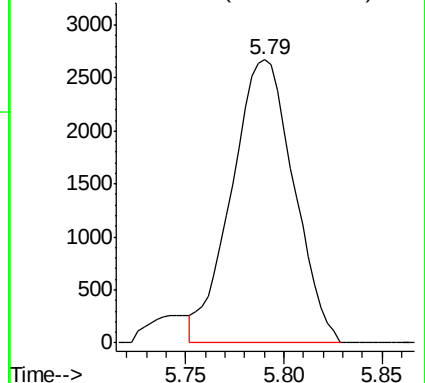
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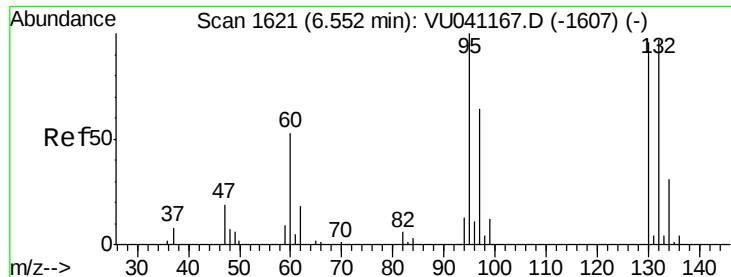
Acq: 10 Nov 2020 19:57

Tgt Ion: 78 Resp: 5851



Abundance Ion 78.10 (77.80 to 78.80): VU0





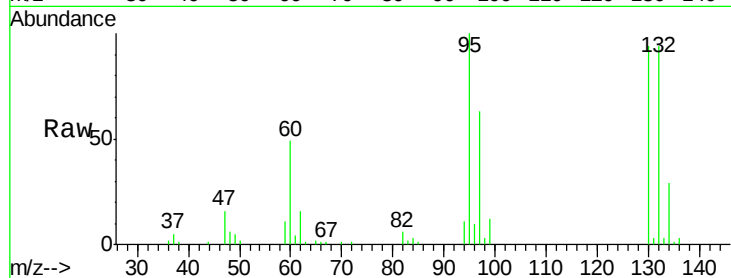
#34
 Trichloroethene
 Concen: 10.905 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041189.D
 Acq: 10 Nov 2020 19:57

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Tot Ion:	95	Resp:	44814
Ion Ratio	Lower	Upper	
95	100		
97	63.1	45.6	84.6
132	93.8	64.8	120.4
130	94.0	64.8	120.4

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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

