

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041609.D
 Acq On : 14 Dec 2020 13:42
 Operator : SY/MD
 Sample : L5029-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K1

Manual Integrations
 APPROVED

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 12/16/2020 8:55:53 AM

Quant Time: Dec 15 01:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128248	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30731	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.92	69	30801	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.58	63	49791	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.65	46	145046	50.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	5.08	84	76965	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	46731	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	150732	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.70	67	50268	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.91	98	135482	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.19	79	21215	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	126018	43.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48742	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	55784	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
13) Acetone	2.66	43	7276m	3.972	ug/L
21) 2-Butanone	4.73	43	4051	1.358	ug/L
22) cis-1,2-Dichloroethene	4.69	96	2760	0.278	ug/L
34) Trichloroethene	6.56	95	20020	1.891	ug/L
47) Tetrachloroethene	8.56	164	2266355	305.861	ug/L

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

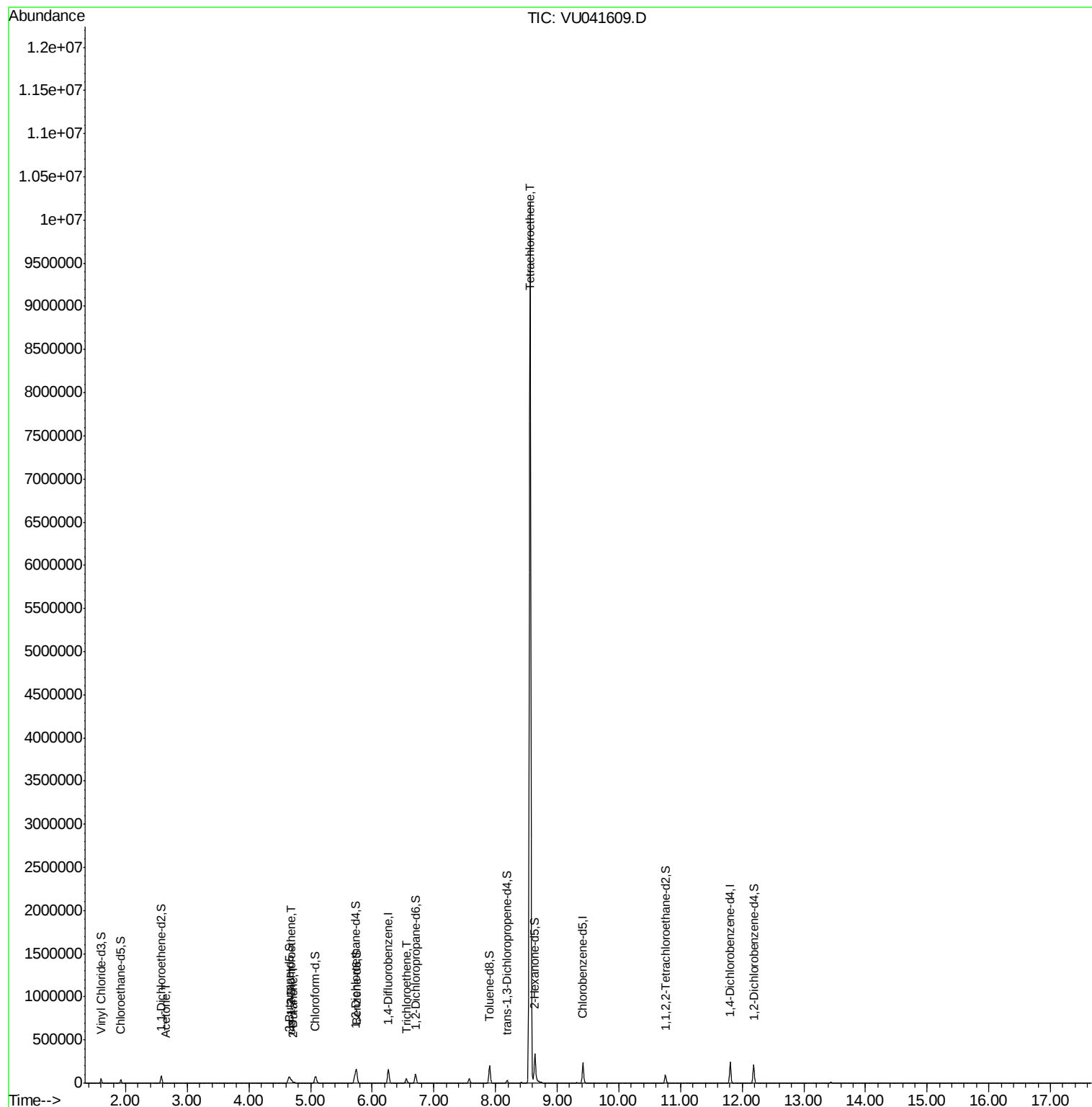
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121420\
Data File : VU041609.D
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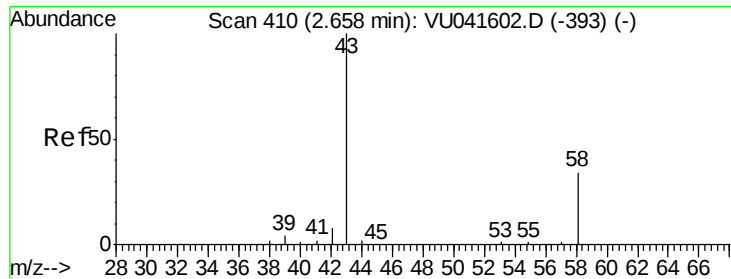
Instrument :
MSVOA_U
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QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.972 ug/L m

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU041609.D

Acq: 14 Dec 2020 13:42

Instrument :

MSVOA_U

ClientSampled :

GB1K1

Tot Ion: 43 Resp: 7276

Ion Ratio Lower Upper

43 100

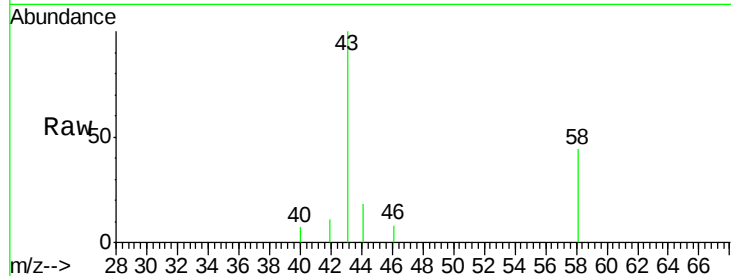
58 27.3 0.0 73.2

Manual Integrations

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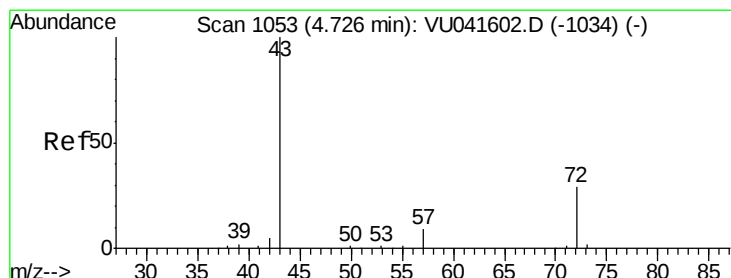
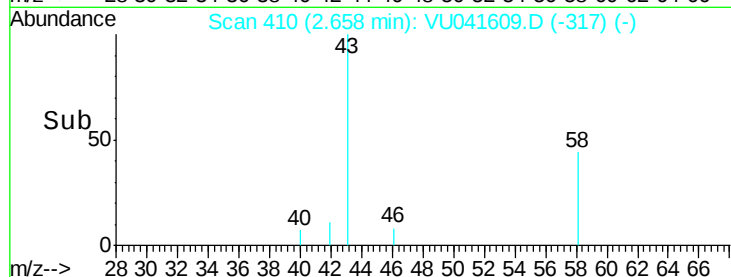
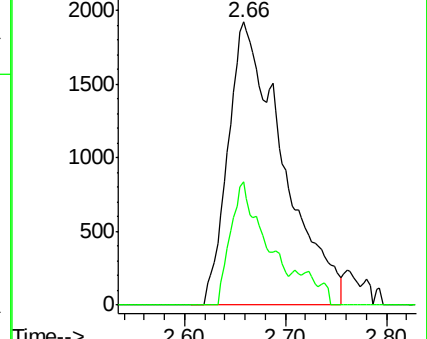
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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 1.358 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VU041609.D

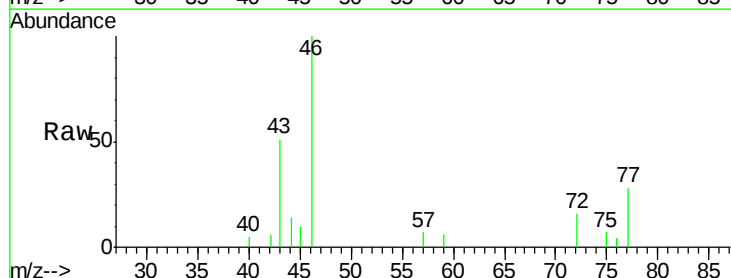
Acq: 14 Dec 2020 13:42

Tgt Ion: 43 Resp: 4051

Ion Ratio Lower Upper

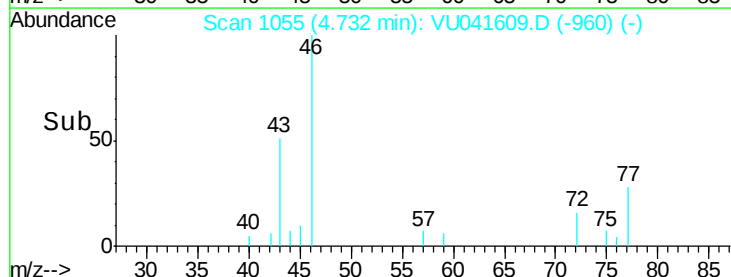
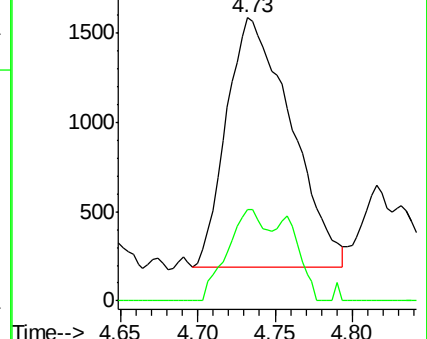
43 100

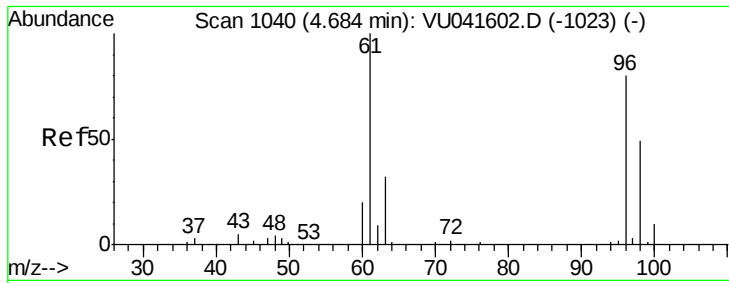
72 23.0 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.278 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU041609.D

Acq: 14 Dec 2020 13:42

Instrument :

MSVOA_U

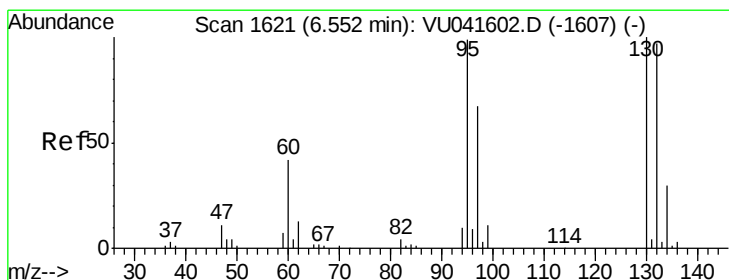
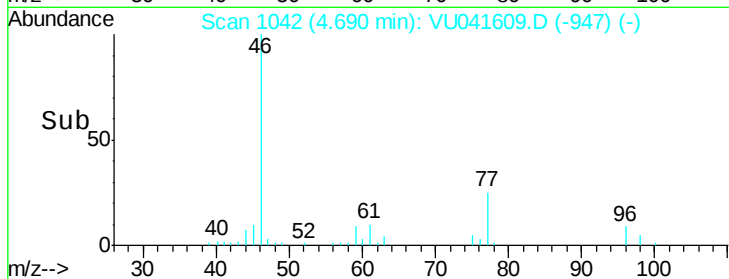
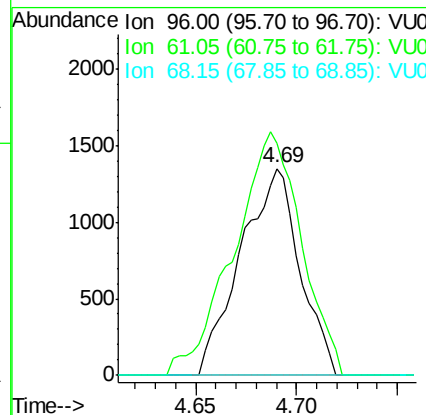
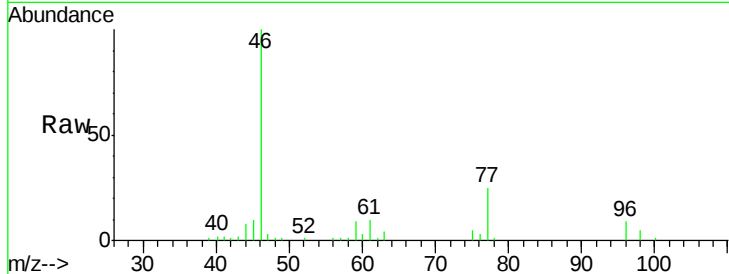
ClientSampleId :

GB1K1

Tot Ion:	96	Resp:	2760
Ion	Ratio	Lower	Upper
96	100		
61	112.3	88.8	165.0
68	0.0	0.0	0.0

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#34

Trichloroethene

Concen: 1.891 ug/L

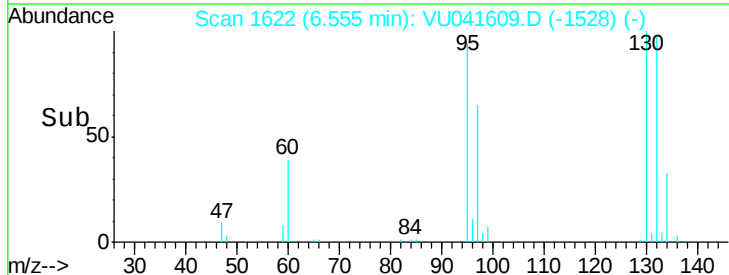
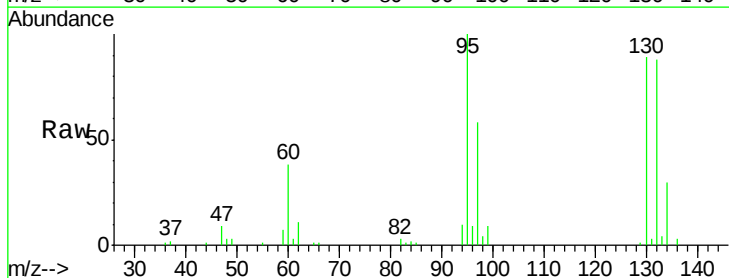
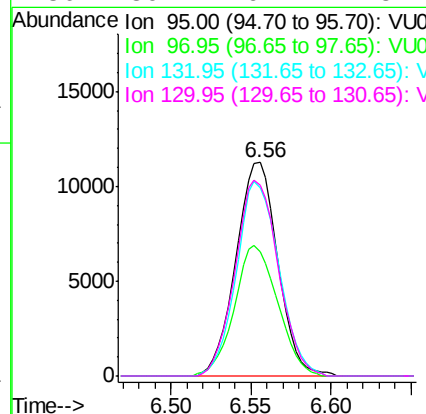
RT: 6.56 min Scan# 1622

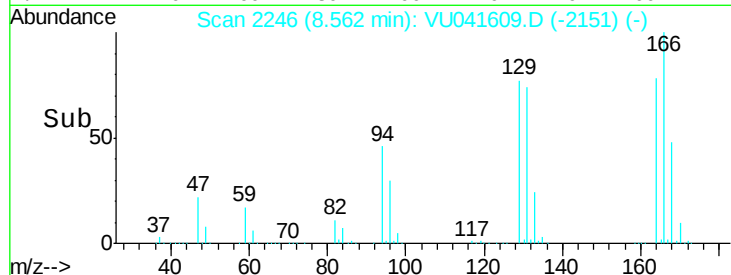
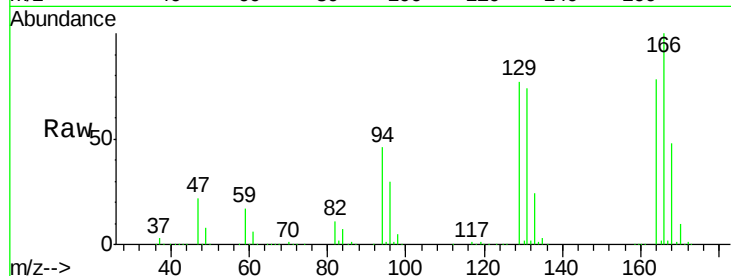
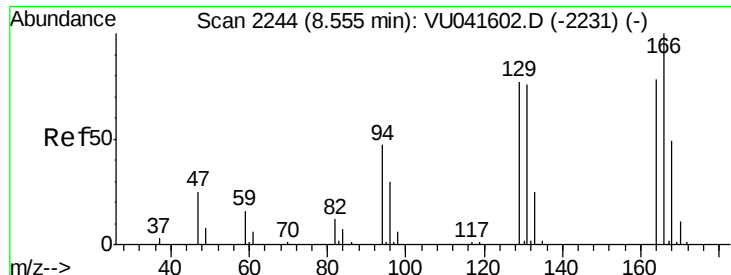
Delta R.T. 0.00 min

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Acq: 14 Dec 2020 13:42

Tgt Ion:	95	Resp:	20020
Ion	Ratio	Lower	Upper
95	100		
97	57.9	43.9	81.5
132	87.9	63.1	117.3
130	89.2	67.4	125.2





#47

Tetrachloroethene

Concen: 305.861 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU041609.D

Acq: 14 Dec 2020 13:42

Tot Ion:164 Resp: 2266355

Ion Ratio Lower Upper

164 100

129 97.8 72.2 134.0

131 94.3 66.9 124.3

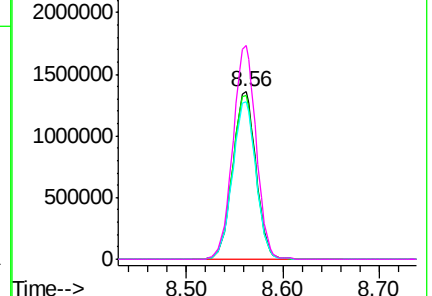
166 127.6 89.6 166.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Instrument :

MSVOA_U

ClientSampleId :

GB1K1

Manual Integrations

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