

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041621.D
 Acq On : 14 Dec 2020 19:25
 Operator : SY/MD
 Sample : L5027-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J8

Manual Integrations
 APPROVED

apatel
 12/16/2020 8:56:43 AM

Quant Time: Dec 15 02:00:01 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	117436	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29439	3.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.20%
7) Chloroethane-d5	1.92	69	30430	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.58	63	51494	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	146012	55.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.72%
24) Chloroform-d	5.08	84	77104	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	45636	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	151216	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	49837	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	128296	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	19691	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.64	63	117990	46.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48886	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50204	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds					Ovalue
13) Acetone	2.67	43	6934m	4.134 ug/L	
47) Tetrachloroethene	8.56	164	4698	0.731 ug/L	95

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

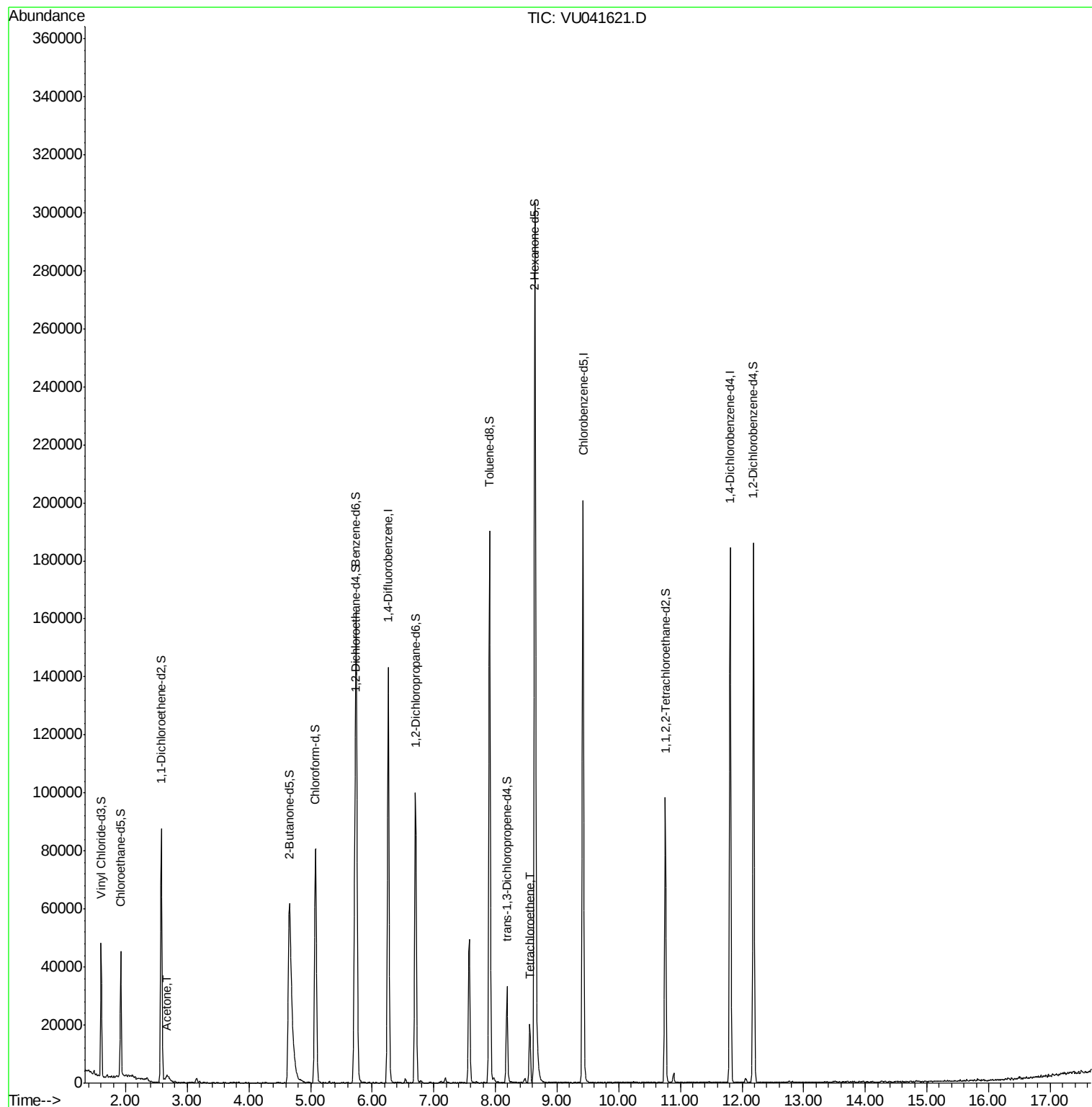
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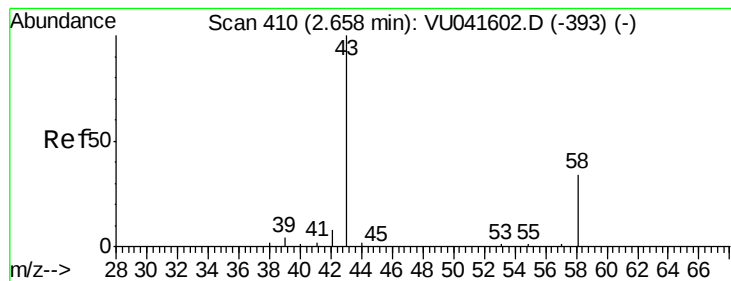
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#13

Acetone

Concen: 4.134 ug/L m

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU041621.D

Acq: 14 Dec 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

GB1J8

Tot Ion: 43 Resp: 6934

Ion Ratio Lower Upper

43 100

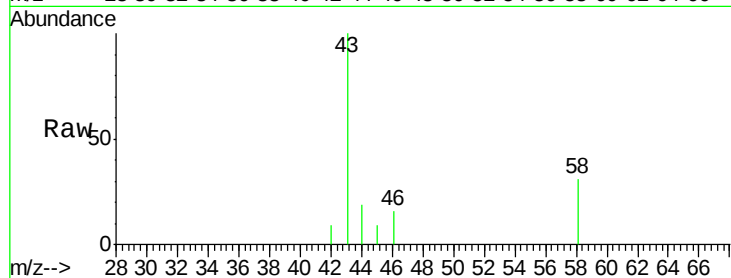
58 17.5 0.0 73.2

Manual Integrations

APPROVED

apatel

12/16/2020 8:56:43 AM



Abundance Ion 43.05 (42.75 to 43.75): VU041621.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU041621.D (-317) (-)

2.67

1500

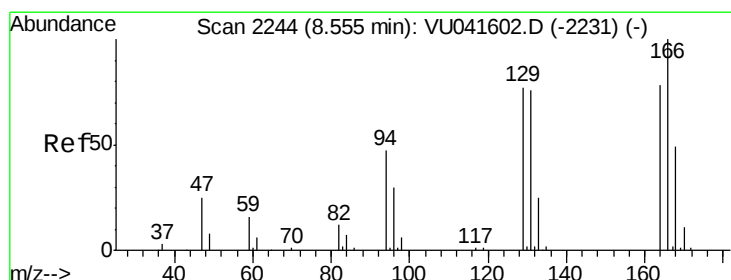
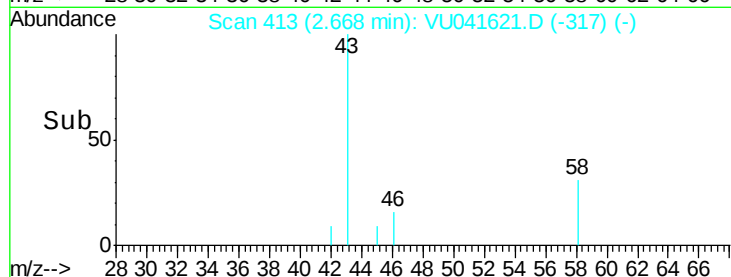
1000

500

0

2.60 2.70 2.80

Time-->



#47

Tetrachloroethene

Concen: 0.731 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041621.D

Acq: 14 Dec 2020 19:25

Tgt Ion: 164 Resp: 4698

Ion Ratio Lower Upper

164 100

129 92.5 72.2 134.0

131 96.0 66.9 124.3

166 133.7 89.6 166.4

Abundance Ion 163.90 (163.60 to 164.60): VU041621.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU041621.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU041621.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU041621.D (-2151) (-)

5000

4000

3000

2000

1000

0

8.50 8.55 8.60

Time-->

