

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111519\
 Data File : VU035729.D
 Acq On : 15 Nov 2019 16:17
 Operator : JC/SP
 Sample : K5856-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG9

Quant Time: Nov 16 02:48:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	234652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85778	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	81470	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	111112	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.70	46	242827	51.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	5.11	84	160560	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	88216	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	309083	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.73	67	112251	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	257115	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.22	79	37460	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	165839	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96240	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	90669	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

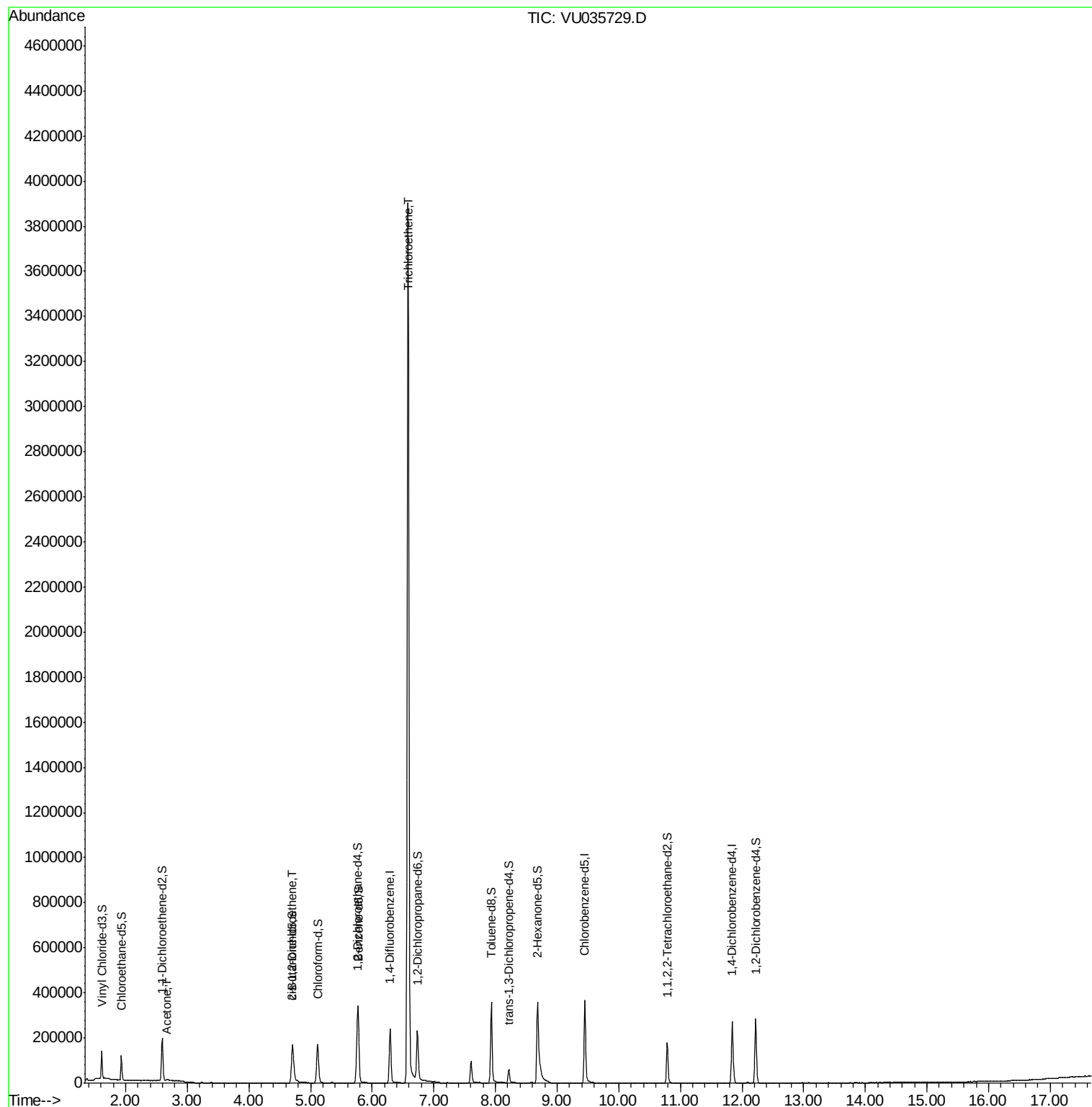
					Ovalue
13) Acetone	2.67	43	9669	2.871 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	16462	0.801 ug/L	91
34) Trichloroethene	6.58	95	1369678	64.810 ug/L	97

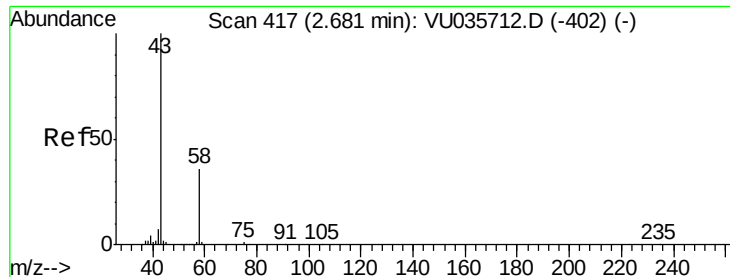
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.871 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

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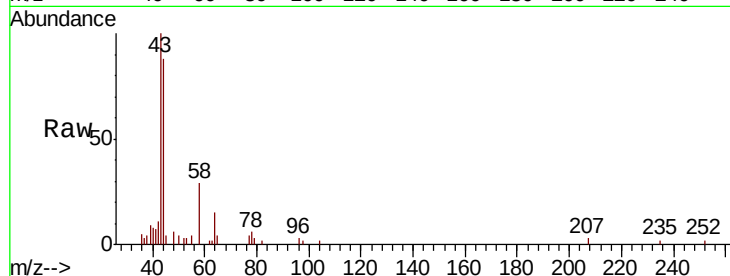
GAQG9

Tot Ion: 43 Resp: 9669

Ion Ratio Lower Upper

43 100

58 30.7 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035729.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU035729.D (-324) (-)

6000

5000

4000

3000

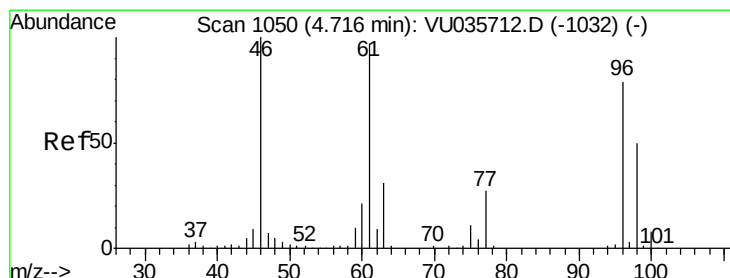
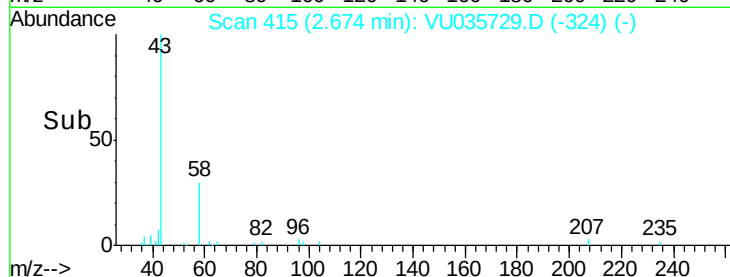
2000

1000

0

2.60 2.65 2.70 2.75

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.801 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

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Acq: 15 Nov 2019 16:17

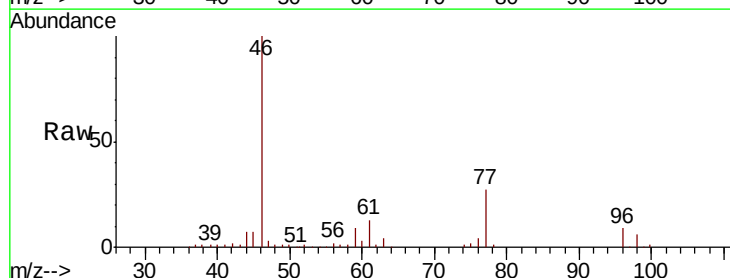
Tgt Ion: 96 Resp: 16462

Ion Ratio Lower Upper

96 100

61 134.5 87.0 161.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035729.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035729.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035729.D (-957) (-)

12000

10000

8000

6000

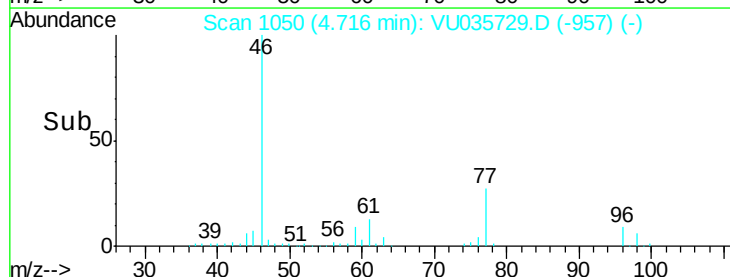
4000

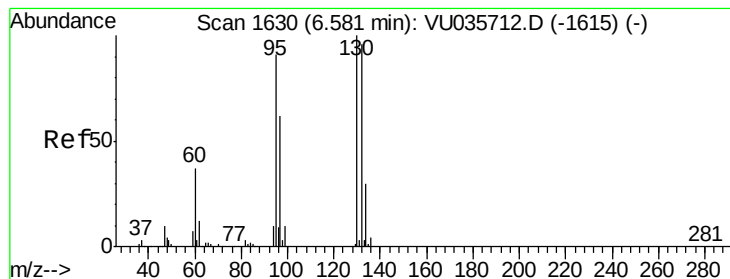
2000

0

4.65 4.70 4.75 4.80

Time-->





#34

Trichloroethene

Concen: 64.810 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035729.D

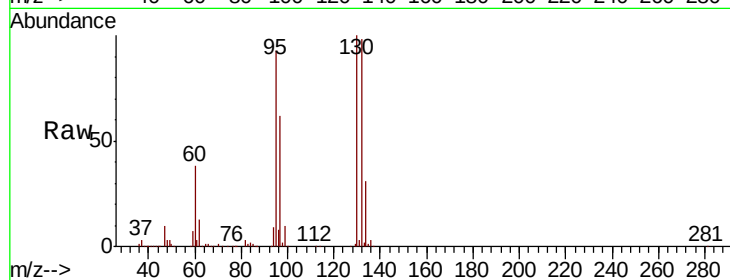
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Tot Ion: 95 Resp: 1369678

Ion Ratio Lower Upper

95 100

97 65.9 44.5 82.7

132 104.8 69.9 129.7

130 107.1 74.1 137.7

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

