

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037757.D
 Acq On : 16 Apr 2020 16:18
 Operator : JC/MD
 Sample : L2292-05
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8K9

Quant Time: Apr 17 03:51:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	276537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	265082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93354	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	80441	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	120715	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	298605	51.96	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	5.11	84	158794	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.74	65	94551	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	338977	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	114460	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.92	98	306651	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	47759	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.65	63	263725	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	87541	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	111533	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

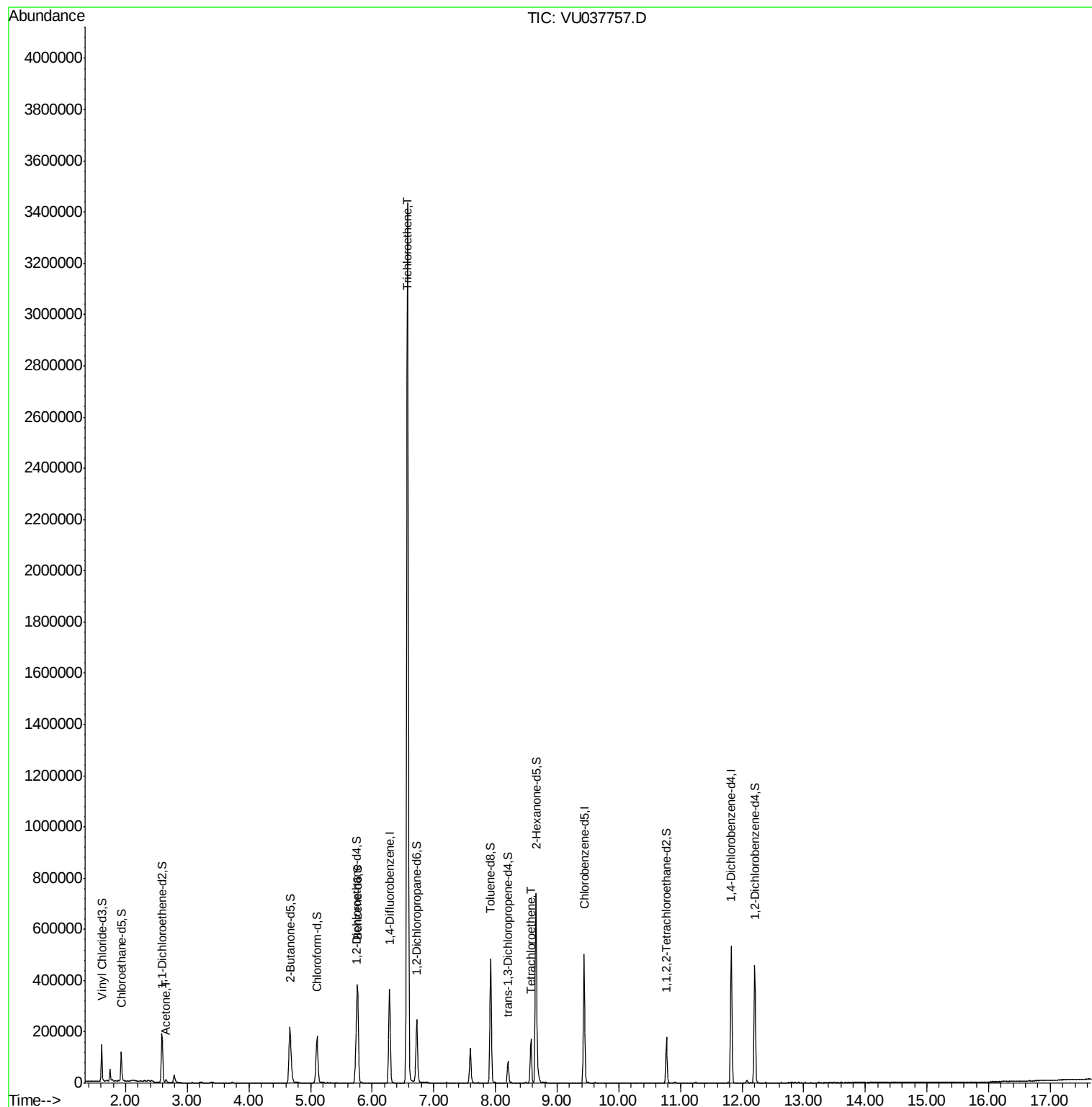
Target Compounds					Ovalue
13) Acetone	2.66	43	13153	3.471 ug/L	95
34) Trichloroethene	6.57	95	1169319	54.326 ug/L	97
47) Tetrachloroethene	8.57	164	35875	2.319 ug/L	98

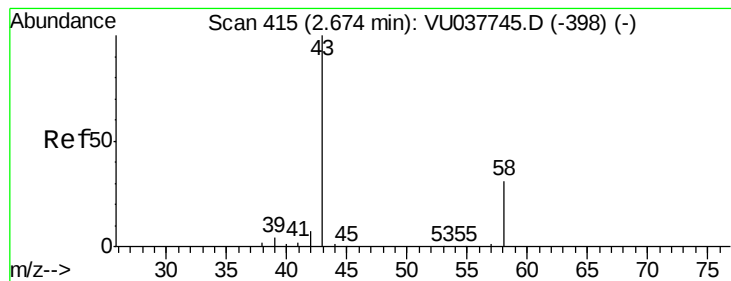
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.471 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

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ClientSampleId :

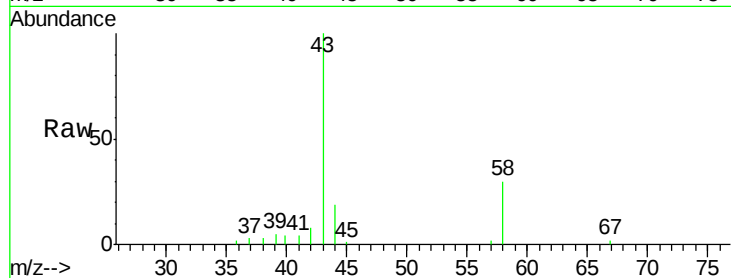
BF8K9

Tot Ion: 43 Resp: 13153

Ion Ratio Lower Upper

43 100

58 29.4 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037745.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037745.D (-398) (-)

2.66

8000

6000

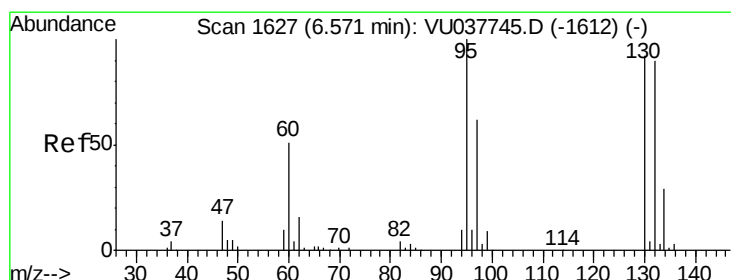
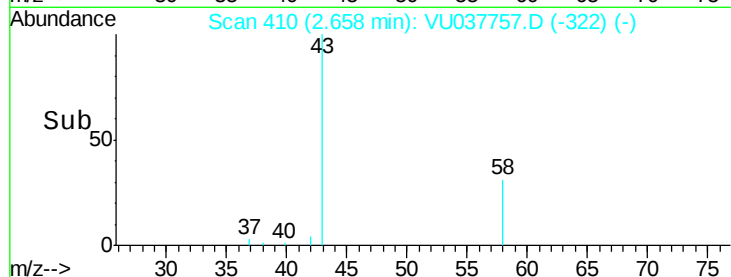
4000

2000

0

2.60 2.65 2.70

Time-->



#34

Trichloroethene

Concen: 54.326 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

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Acq: 16 Apr 2020 16:18

Tgt Ion: 95 Resp: 1169319

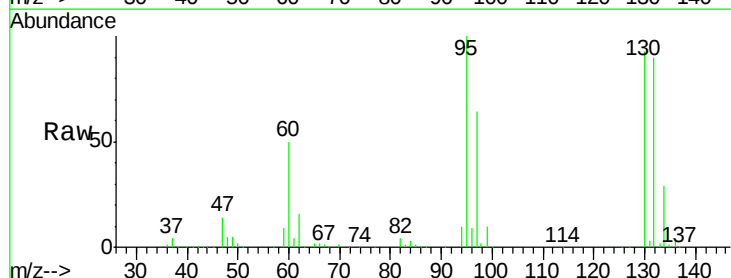
Ion Ratio Lower Upper

95 100

97 63.6 45.4 84.2

132 89.6 63.7 118.3

130 92.8 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU037745.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU037745.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU037745.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU037745.D (-1612) (-)

6.57

1000000

800000

600000

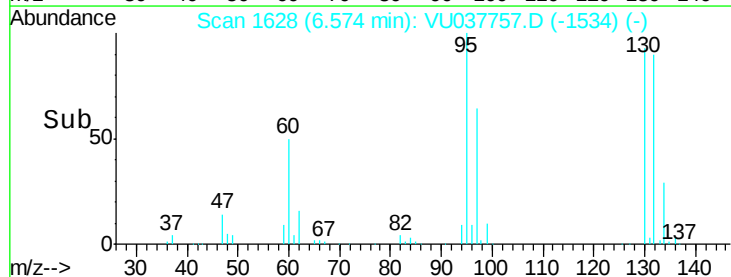
400000

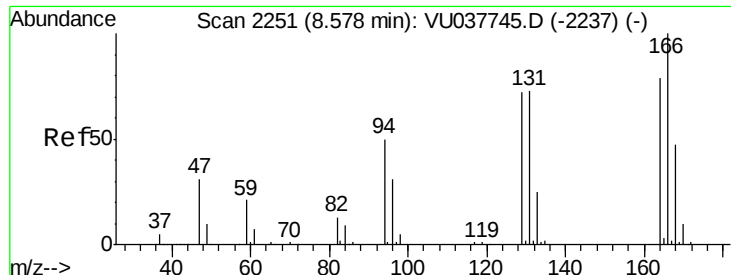
200000

0

6.50 6.60 6.70

Time-->





#47

Tetrachloroethene

Concen: 2.319 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037757.D

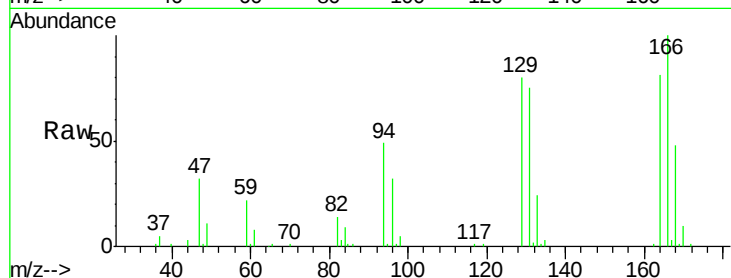
Acq: 16 Apr 2020 16:18

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Tot Ion:164 Resp: 35875

Ion Ratio Lower Upper

164 100

129 98.7 68.1 126.5

131 92.5 65.9 122.5

166 124.1 89.7 166.7

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

