

Data File : VU032137.D
Acq On : 18 May 2019 07:05
Operator : JC/SP
Sample : K2860-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W39

Quant Time: May 31 04:11:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	358593	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	376671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107981	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.68	69	93140	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.27	63	154955	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.20	46	233585	39.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.78%
24) Chloroform-d	4.64	84	222409	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.31	65	108973	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
32) Benzene-d6	5.33	84	442703	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.33	67	130954	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.56	98	365342	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.85	79	39986	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	8.31	63	205807	37.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111572	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	143006	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

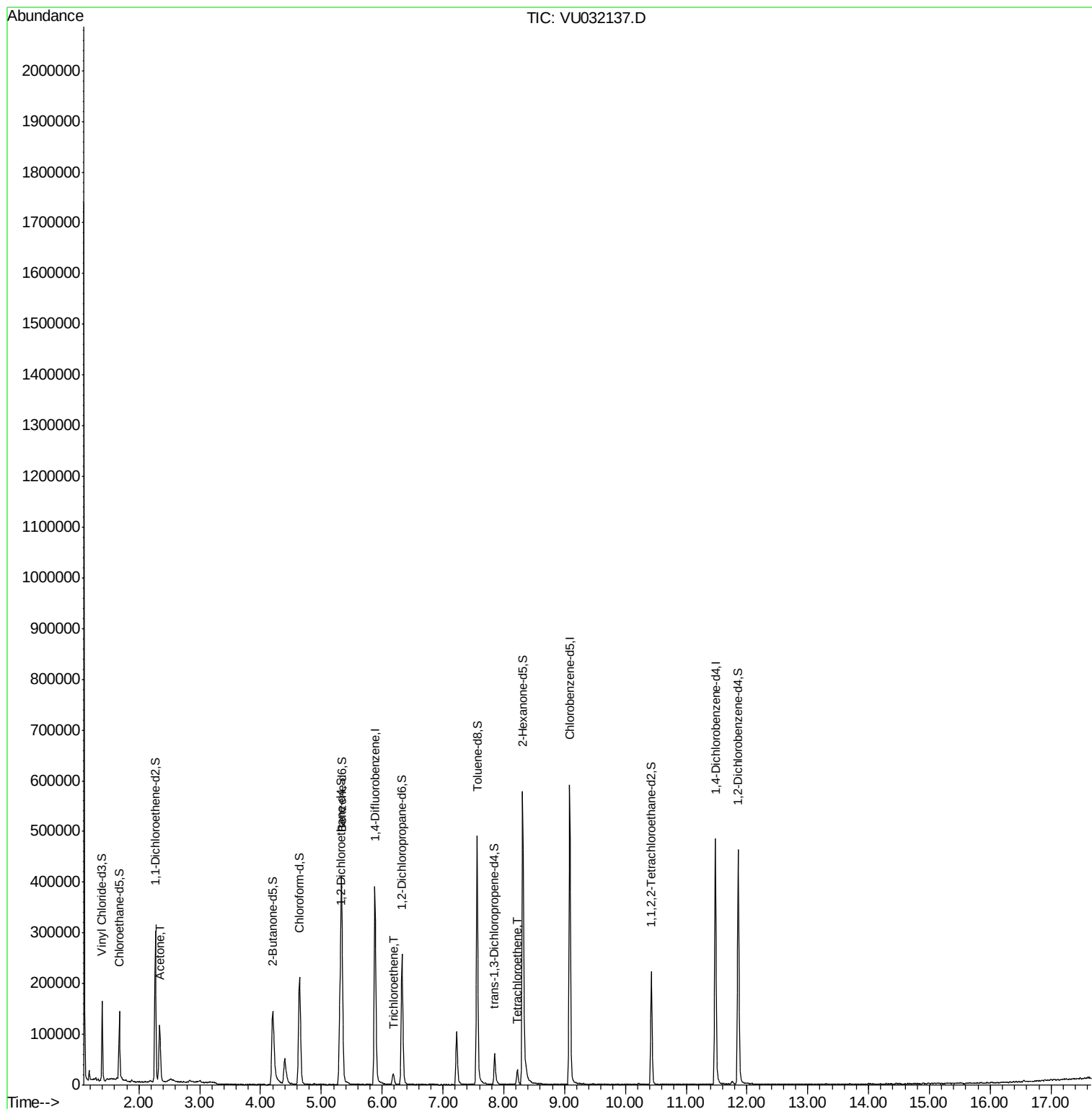
Target Compounds					Qvalue
13) Acetone	2.34	43	59391	30.506 ug/L	97
34) Trichloroethene	6.19	95	7657	0.488 ug/L	94
47) Tetrachloroethene	8.22	164	7520	0.641 ug/L #	80

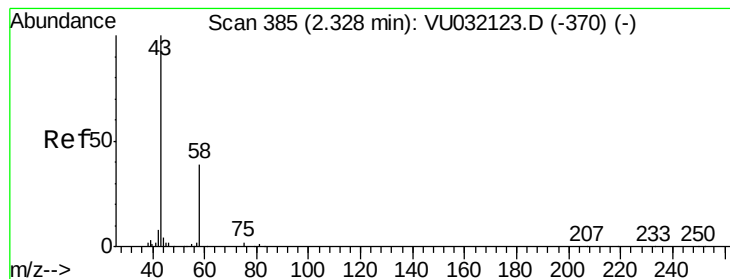
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.506 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

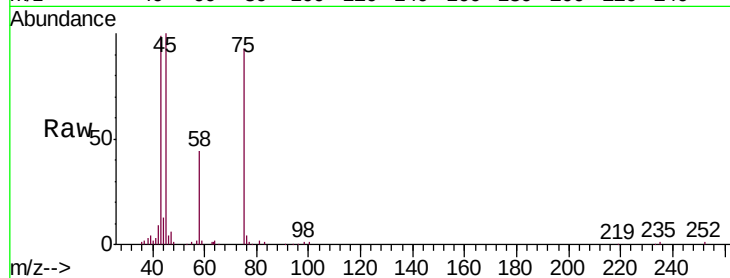
F9W39

Tgt Ion: 43 Resp: 59391

Ion Ratio Lower Upper

43 100

58 41.5 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032123.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU032123.D (-370) (-)

2.34

30000

25000

20000

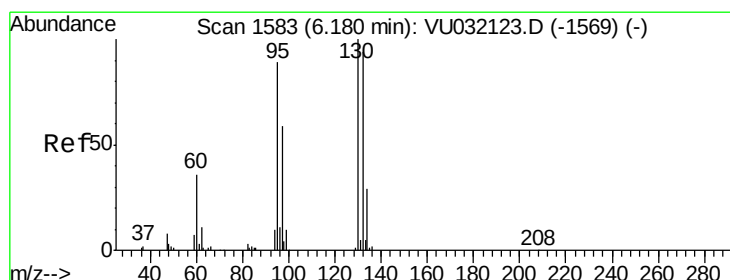
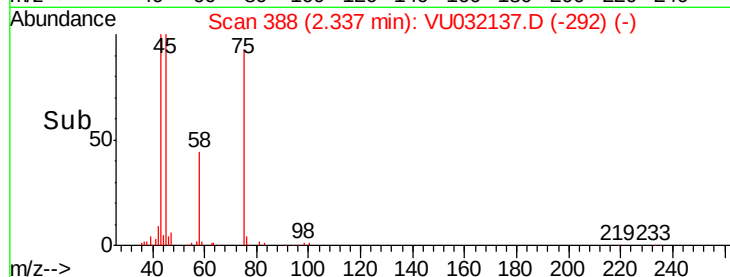
15000

10000

5000

0

Time-->



#34

Trichloroethene

Concen: 0.488 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 7657

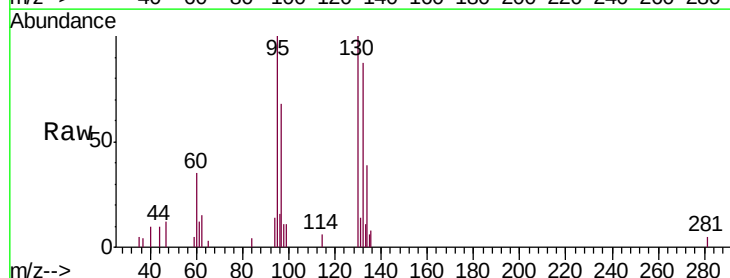
Ion Ratio Lower Upper

95 100

97 67.7 45.2 84.0

132 86.9 66.1 122.7

130 99.9 66.7 123.9



Abundance Ion 95.00 (94.70 to 95.70): VU032123.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032123.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032123.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032123.D (-1569) (-)

5000

4000

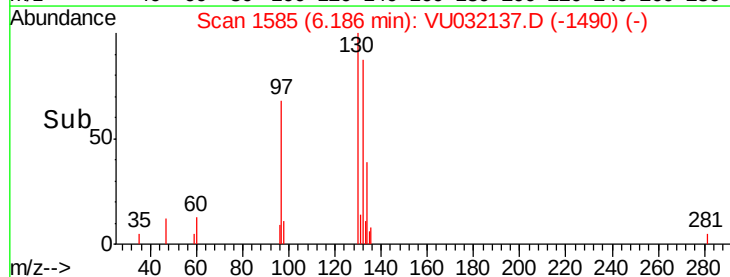
3000

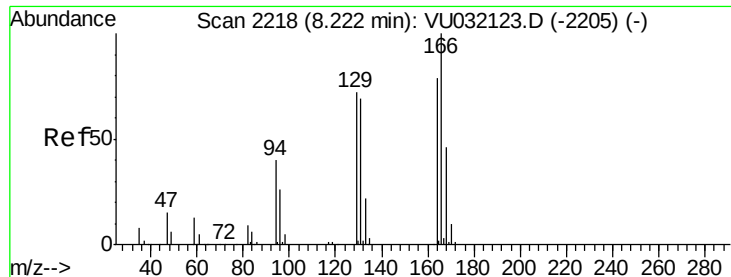
2000

1000

0

Time-->





#47

Tetrachloroethene

Concen: 0.641 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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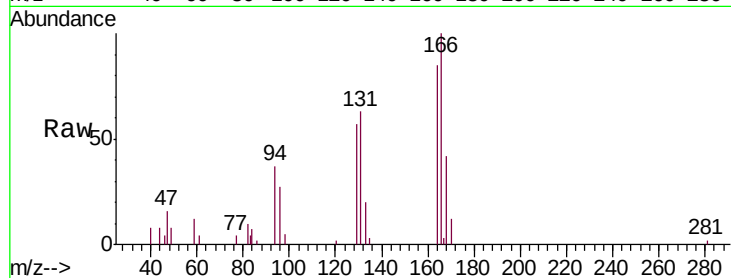
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Tgt Ion:164 Resp: 7520

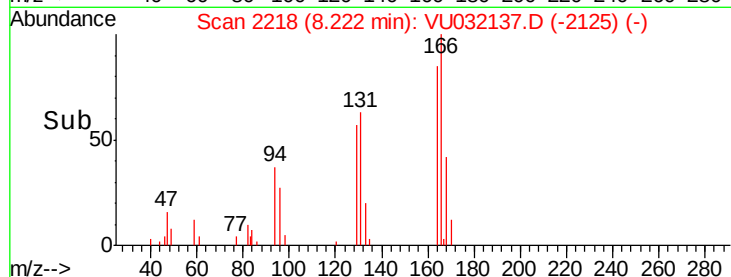
Ion Ratio Lower Upper

164 100

129 66.9 70.3 130.5#

131 74.9 64.5 119.9

166 118.0 92.3 171.5



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

