

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037936.D
 Acq On : 30 Apr 2020 01:18
 Operator : JC/MD
 Sample : L2410-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFE6

Quant Time: Apr 30 06:24:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	656269	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	636787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	293845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	256285	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.38%
7) Chloroethane-d5	1.93	69	221373	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.62%
11) 1,1-Dichloroethene-d2	2.59	63	330007	35.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.12%
21) 2-Butanone-d5	4.66	46	400365	88.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.12%
24) Chloroform-d	5.10	84	417595	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.74	65	297826	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
32) Benzene-d6	5.76	84	917922	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
36) 1,2-Dichloropropane-d6	6.72	67	303034	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.62%
41) Toluene-d8	7.92	98	838774	50.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.36%
43) trans-1,3-Dichloropropene-	8.20	79	137034	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.40%
47) 2-Hexanone-d5	8.65	63	261785	79.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	412917	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	12.20	152	294624	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

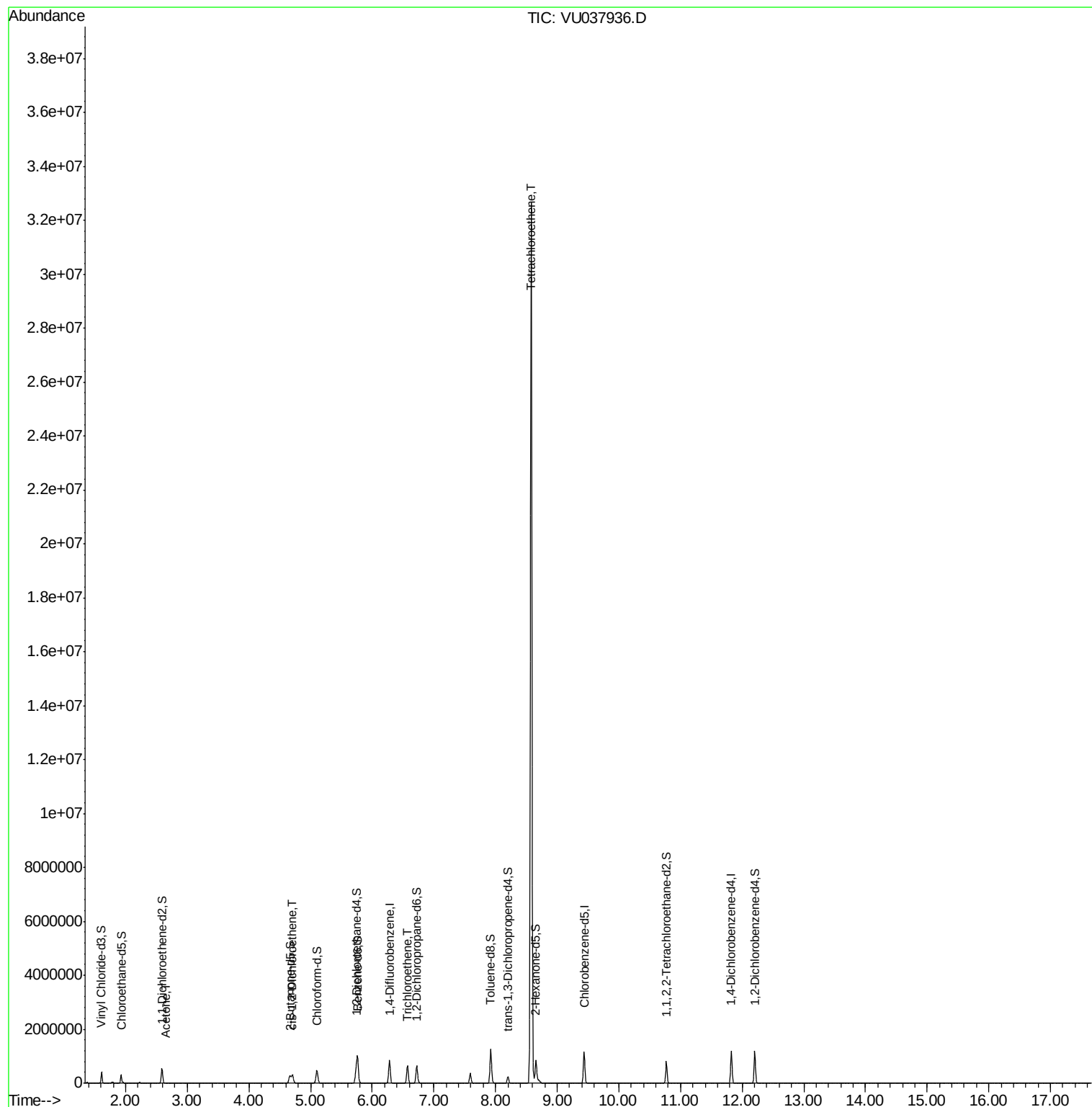
					Ovalue
13) Acetone	2.65	43	8550	3.154	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	151797	31.121	ug/L 93
34) Trichloroethene	6.57	95	214658	45.278	ug/L 99
46) Tetrachloroethene	8.58	164	6860628	1979.862	ug/L 97

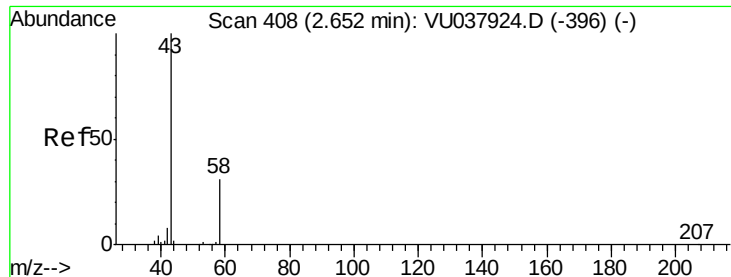
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.154 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

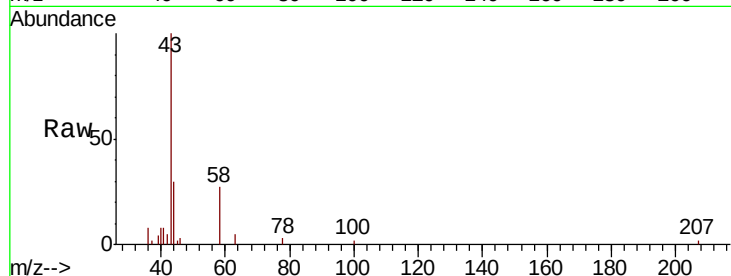
DBFE6

Tot Ion: 43 Resp: 8550

Ion Ratio Lower Upper

43 100

58 30.4 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037924.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037924.D (-396) (-)

2.65

5000

4000

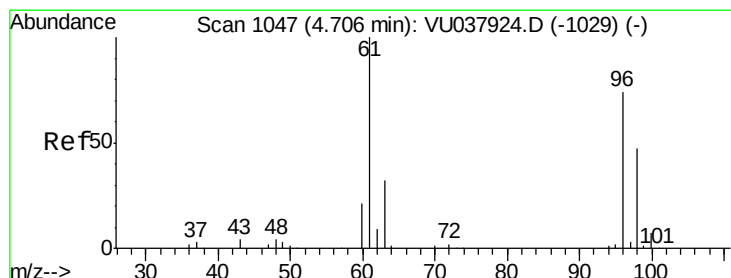
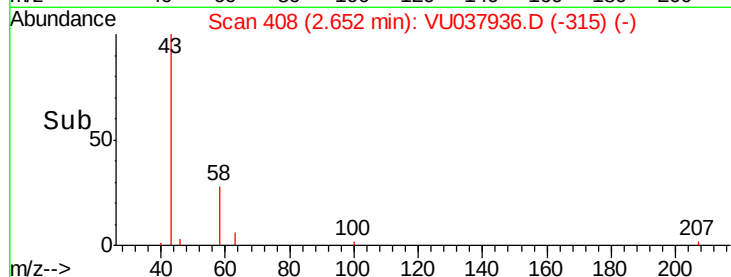
3000

2000

1000

0

Time--> 2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 31.121 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

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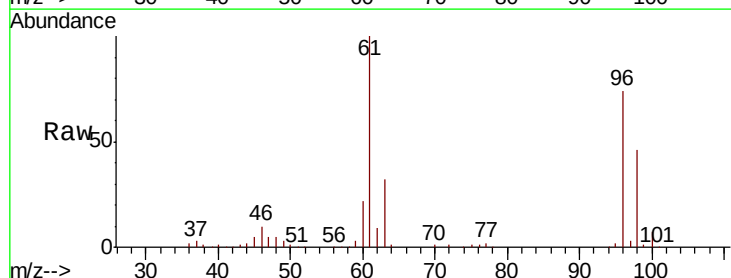
Tgt Ion: 96 Resp: 151797

Ion Ratio Lower Upper

96 100

61 134.7 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037924.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037924.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037924.D (-1029) (-)

4.71

120000

100000

80000

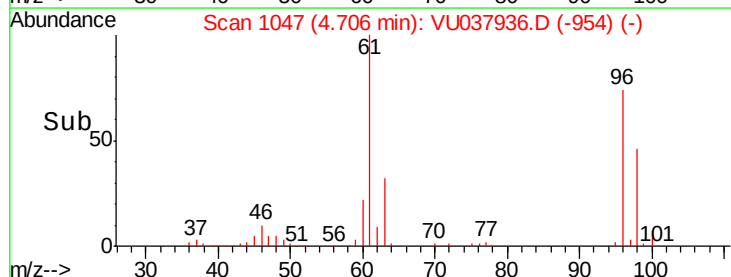
60000

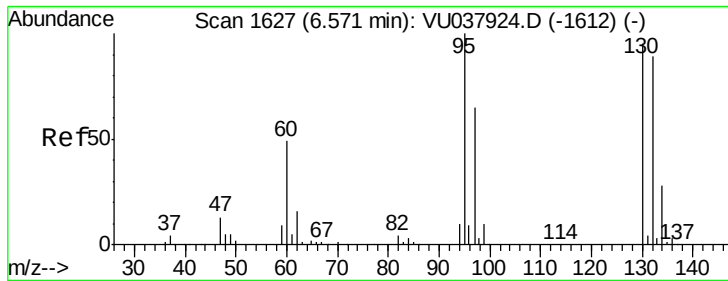
40000

20000

0

Time--> 4.60 4.65 4.70 4.75 4.80





#34

Trichloroethene

Concen: 45.278 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037936.D

Acq: 30 Apr 2020 01:18

Instrument :

MSVOA_U

ClientSampleId :

DBFE6

Tot Ion: 95 Resp: 214658

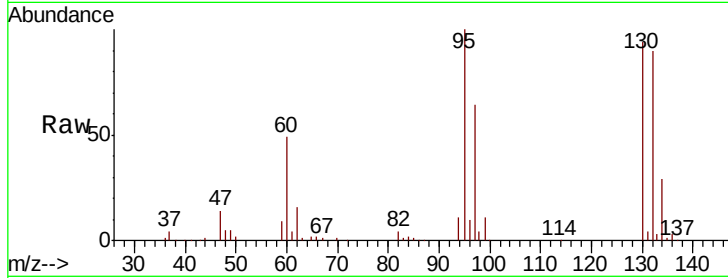
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.5

132 90.3 65.0 120.6

130 93.6 65.5 121.7

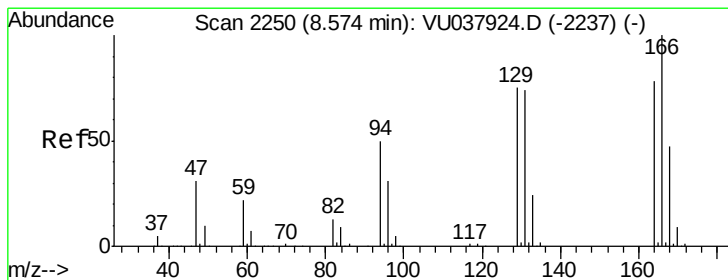
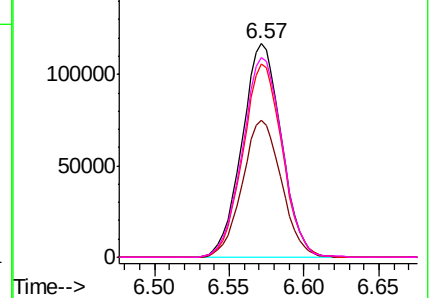
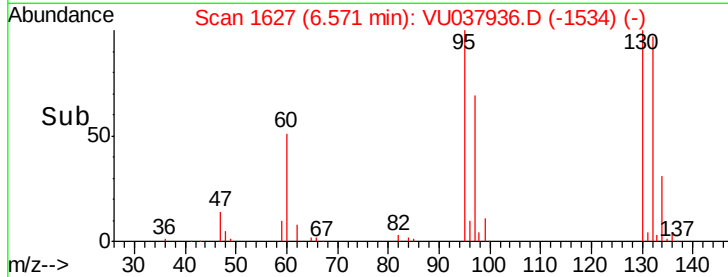


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 1979.862 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 6860628

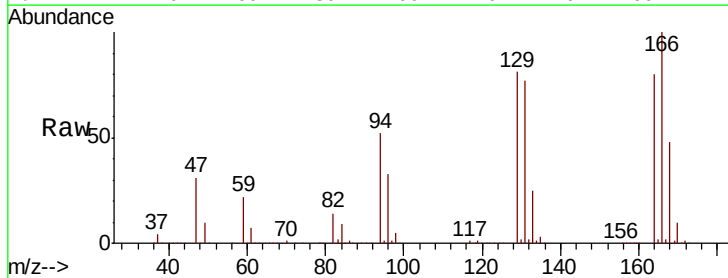
Ion Ratio Lower Upper

164 100

129 101.8 67.3 125.1

131 96.8 64.8 120.4

166 125.2 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

