

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037968.D
 Acq On : 30 Apr 2020 22:57
 Operator : JC/MD
 Sample : L2410-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFF2

Quant Time: May 01 06:45:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	723178	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	704745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	318813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	267636	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.14%
7) Chloroethane-d5	1.93	69	232053	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.70%
11) 1,1-Dichloroethene-d2	2.59	63	341805	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	4.66	46	429013	86.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.29%
24) Chloroform-d	5.10	84	423466	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.98%
26) 1,2-Dichloroethane-d4	5.74	65	300898	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
32) Benzene-d6	5.76	84	931698	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
36) 1,2-Dichloropropane-d6	6.72	67	312263	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.92	98	845745	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%
43) trans-1,3-Dichloropropene-	8.20	79	137799	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.34%
47) 2-Hexanone-d5	8.65	63	274567	91.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	422231	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	299450	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%

Target Compounds

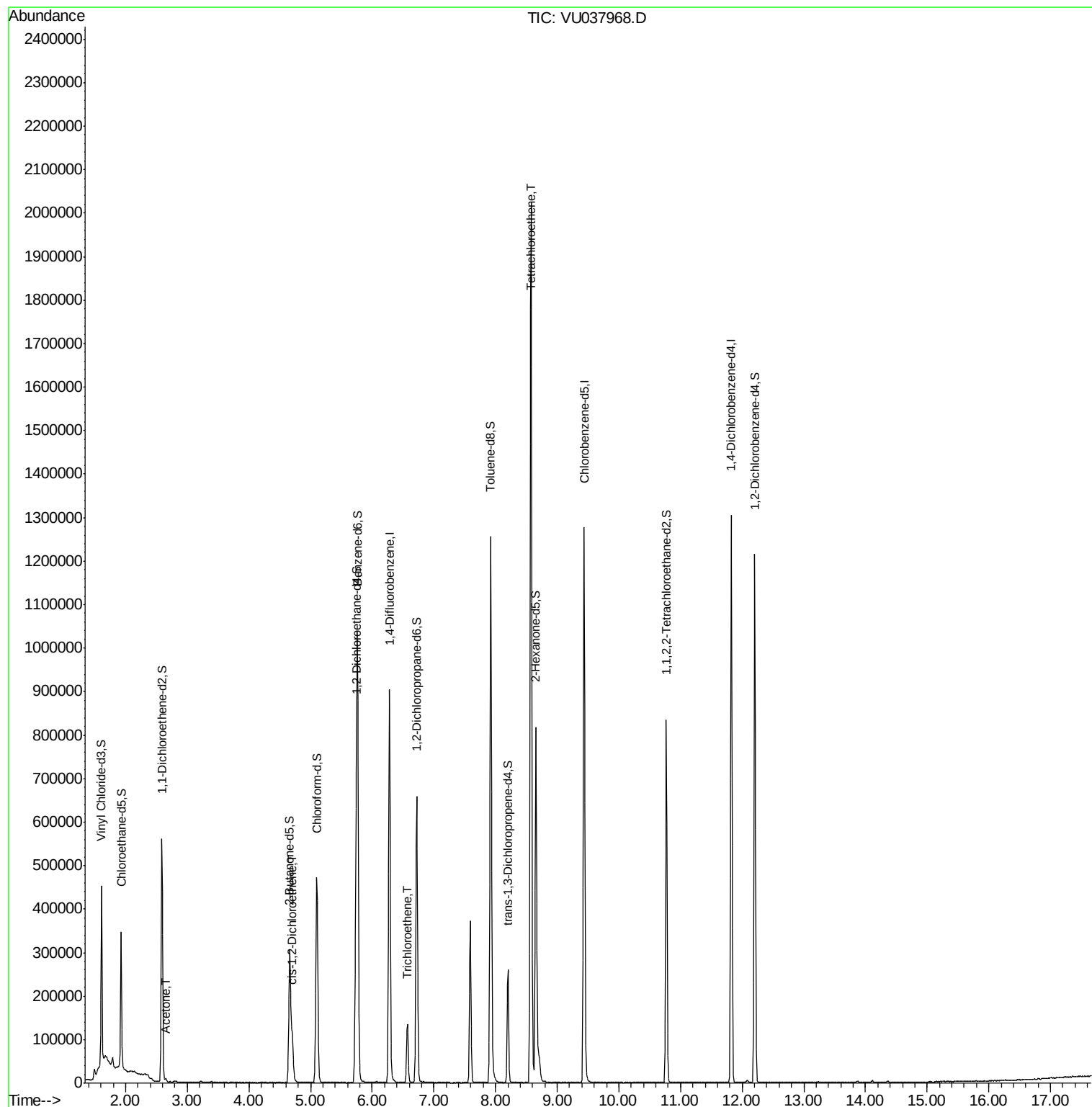
					Ovalue
13) Acetone	2.65	43	8715	2.722 ug/L	94
20) cis-1,2-Dichloroethene	4.70	96	43121	7.626 ug/L	96
34) Trichloroethene	6.57	95	45016	8.426 ug/L	97
46) Tetrachloroethene	8.57	164	438277	112.366 ug/L	99

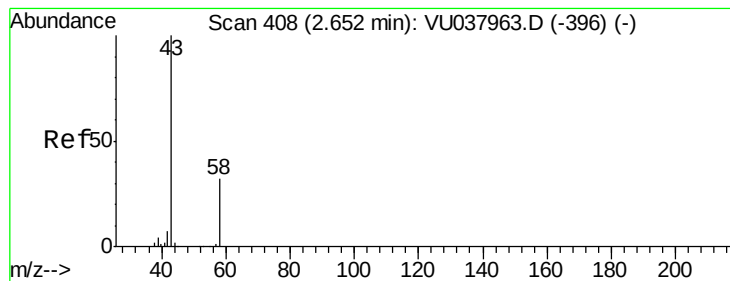
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 01 06:13:06 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.722 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037968.D

Acq: 30 Apr 2020 22:57

Instrument :

MSVOA_U

ClientSampleId :

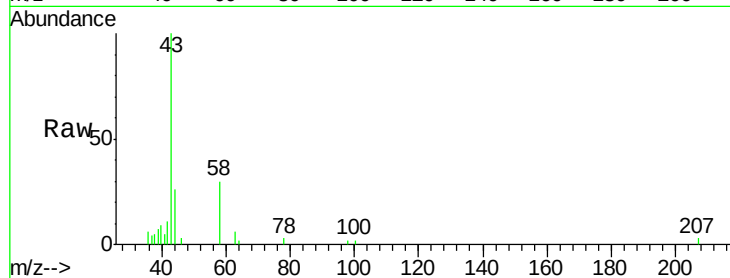
DBFF2

Tot Ion: 43 Resp: 8715

Ion Ratio Lower Upper

43 100

58 35.6 0.0 64.4

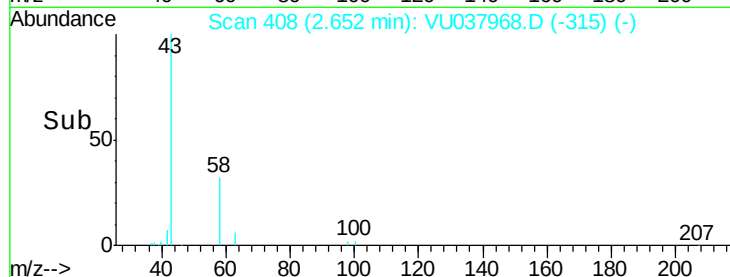


Abundance Ion 43.00 (42.70 to 43.70): VU037968.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037968.D (-315) (-)

2.65

Time-->



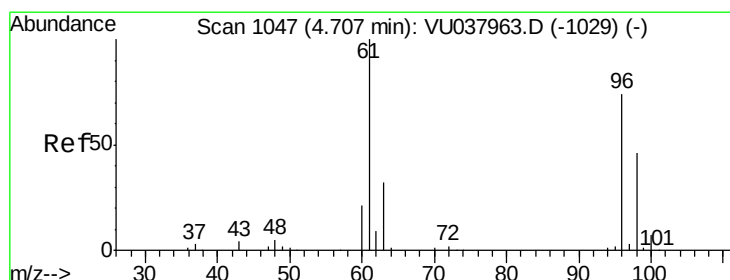
Abundance

Ion 43.00 (42.70 to 43.70): VU037968.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037968.D (-315) (-)

2.65

Time-->



#20

cis-1,2-Dichloroethene

Concen: 7.626 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037968.D

Acq: 30 Apr 2020 22:57

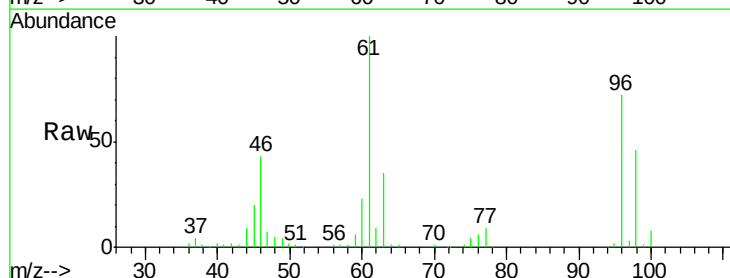
Tgt Ion: 96 Resp: 43121

Ion Ratio Lower Upper

96 100

61 138.6 93.9 174.3

68 0.0 0.0 0.0



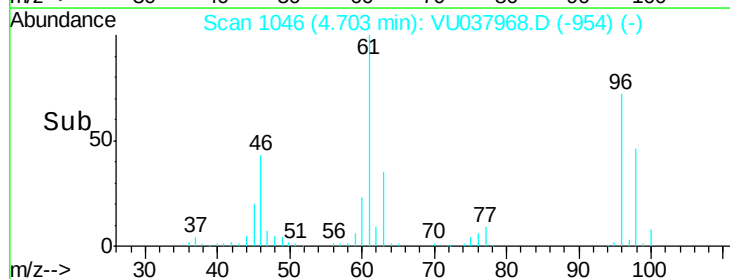
Abundance Ion 96.00 (95.70 to 96.70): VU037968.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037968.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037968.D (-954) (-)

4.70

Time-->



Abundance

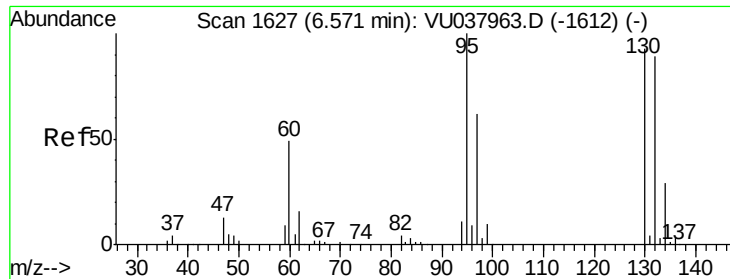
Ion 96.00 (95.70 to 96.70): VU037968.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037968.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037968.D (-954) (-)

4.70

Time-->



#34

Trichloroethene

Concen: 8.426 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU037968.D

Acq: 30 Apr 2020 22:57

Instrument :

MSVOA_U

ClientSampleId :

DBFF2

Tot Ion: 95 Resp: 45016

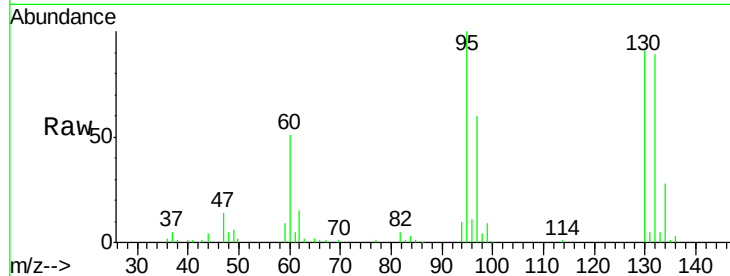
Ion Ratio Lower Upper

95 100

97 59.6 44.9 83.5

132 88.7 63.2 117.4

130 90.7 65.9 122.3

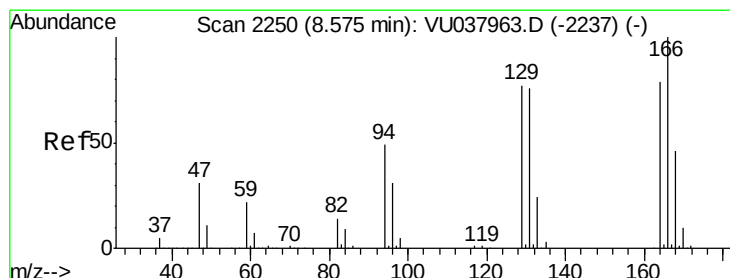
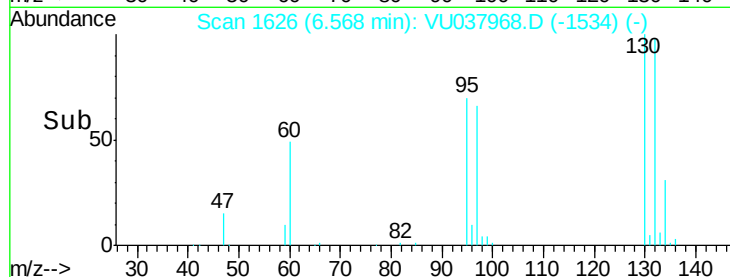
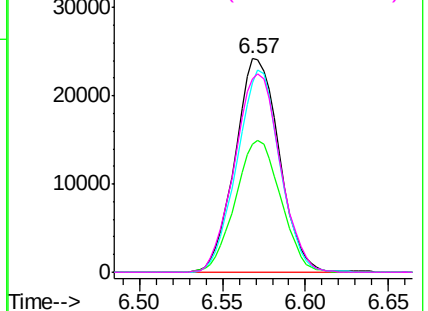


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 112.366 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037968.D

Acq: 30 Apr 2020 22:57

Tgt Ion:164 Resp: 438277

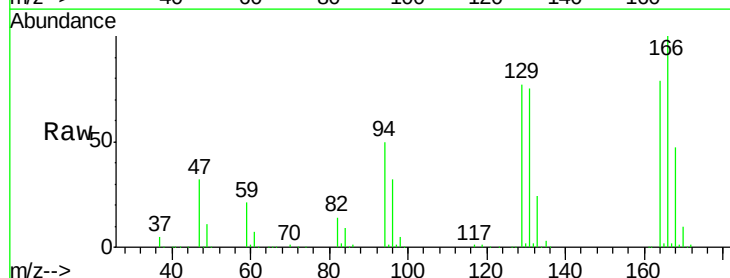
Ion Ratio Lower Upper

164 100

129 97.1 68.4 127.0

131 94.4 65.7 122.1

166 125.9 86.7 161.1



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

