

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037965.D
 Acq On : 30 Apr 2020 21:49
 Operator : JC/MD
 Sample : L2410-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF4

Quant Time: May 01 06:26:29 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	713064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	697967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	312477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	280341	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	236145	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.58%
11) 1,1-Dichloroethene-d2	2.59	63	347374	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.66	46	454986	92.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.81%
24) Chloroform-d	5.10	84	438087	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.74	65	309647	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.76	84	956286	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
36) 1,2-Dichloropropane-d6	6.72	67	318130	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.28%
41) Toluene-d8	7.92	98	866609	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	8.20	79	142254	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.94%
47) 2-Hexanone-d5	8.65	63	281605	94.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.93%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	435910	44.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.70%
64) 1,2-Dichlorobenzene-d4	12.20	152	301617	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%

Target Compounds

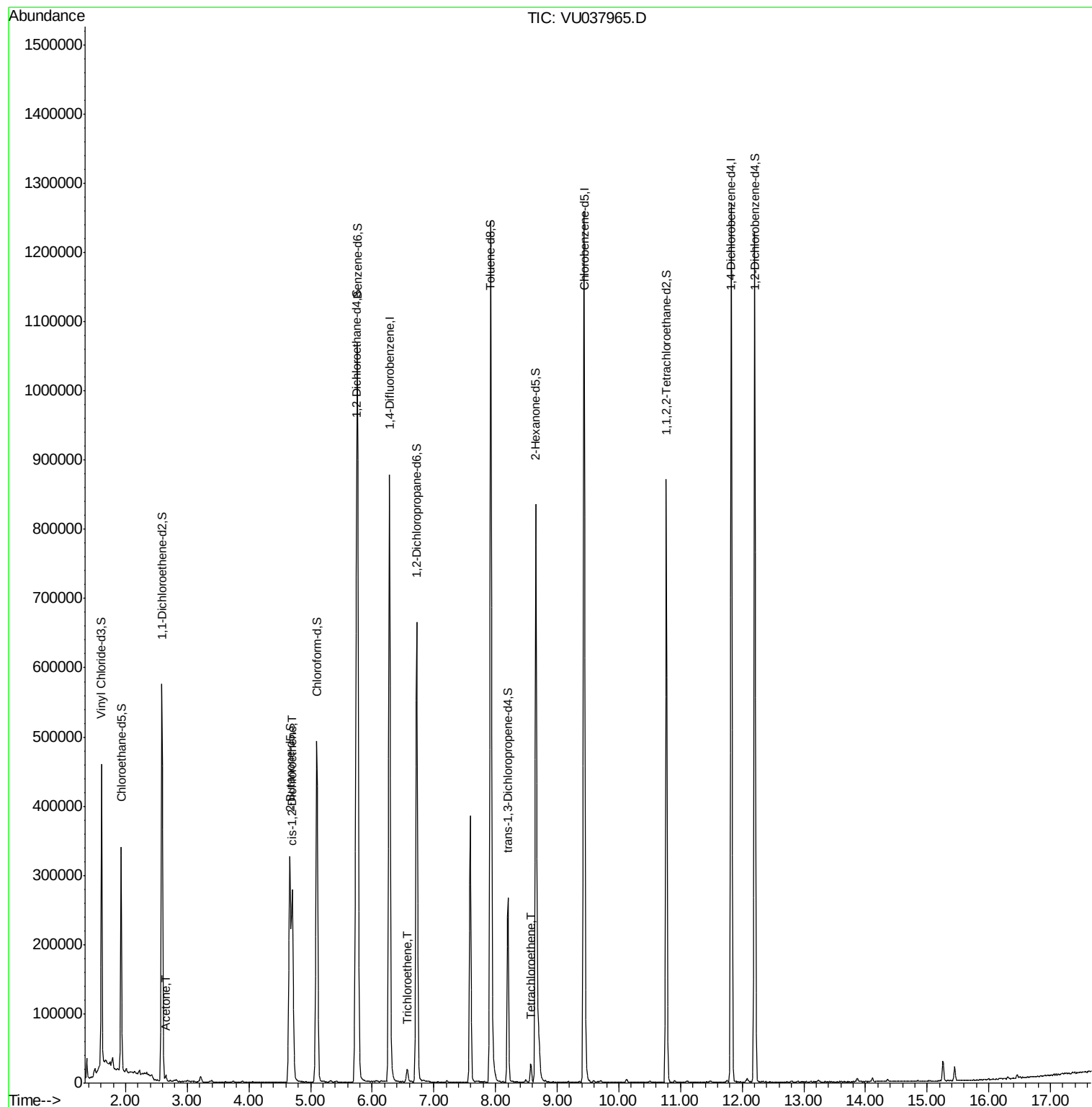
					Ovalue
13) Acetone	2.65	43	8366	2.650 ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	124847	22.393 ug/L	100
34) Trichloroethene	6.57	95	4476	0.846 ug/L	87
46) Tetrachloroethene	8.57	164	5972	1.546 ug/L	91

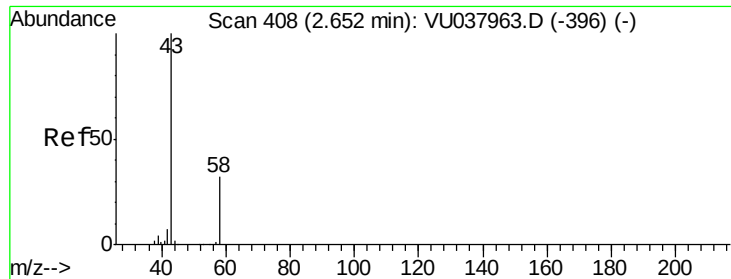
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.650 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037965.D

Acq: 30 Apr 2020 21:49

Instrument :

MSVOA_U

ClientSampleId :

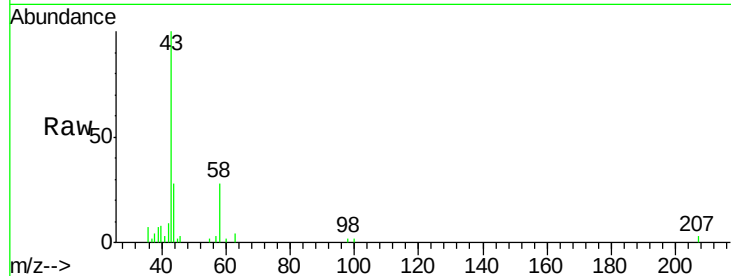
DBEF4

Tot Ion: 43 Resp: 8366

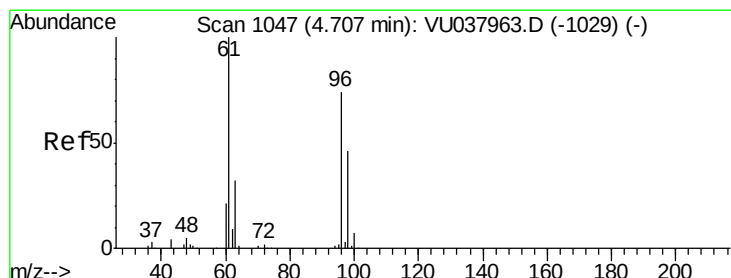
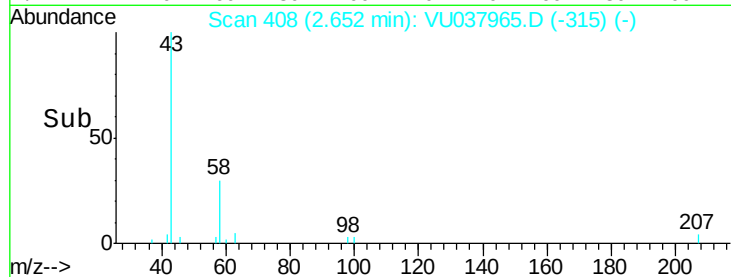
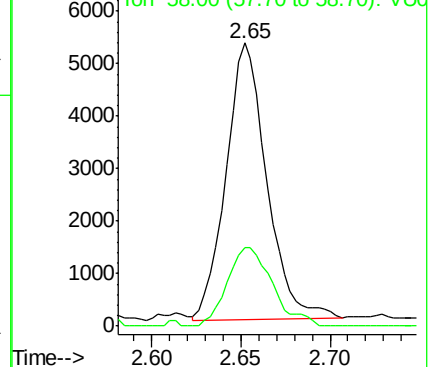
Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU037965.D (-315) (-)



#20

cis-1,2-Dichloroethene

Concen: 22.393 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037965.D

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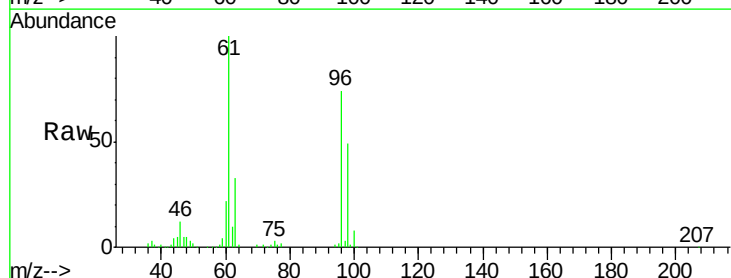
Tgt Ion: 96 Resp: 124847

Ion Ratio Lower Upper

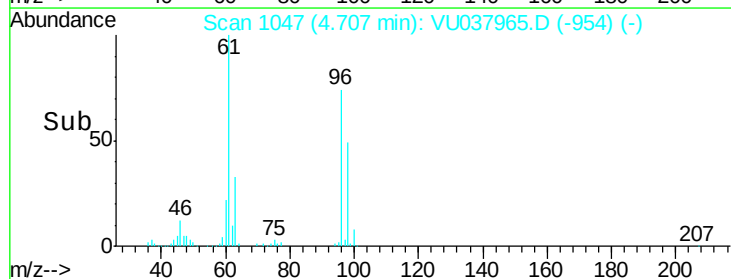
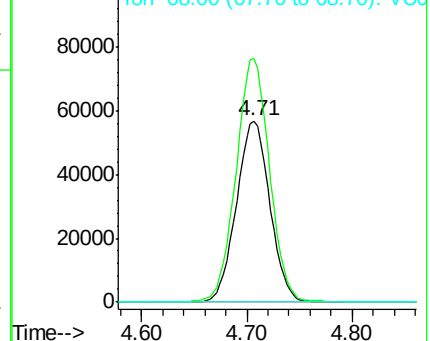
96 100

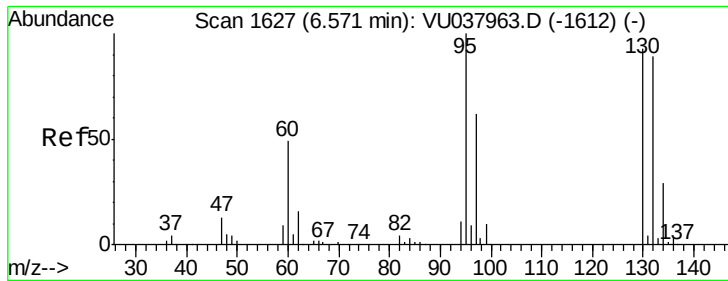
61 134.4 93.9 174.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037965.D (-954) (-)

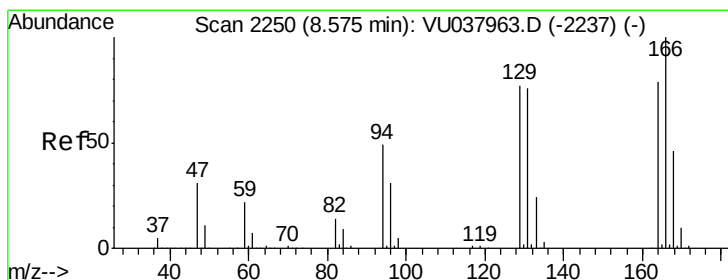
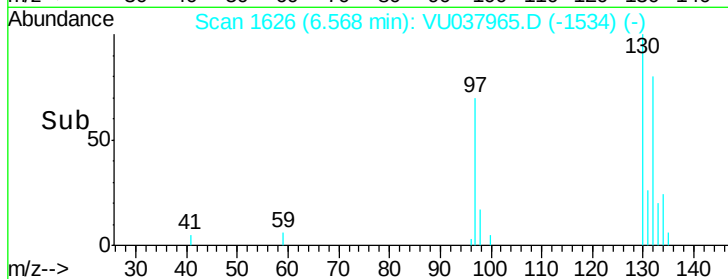
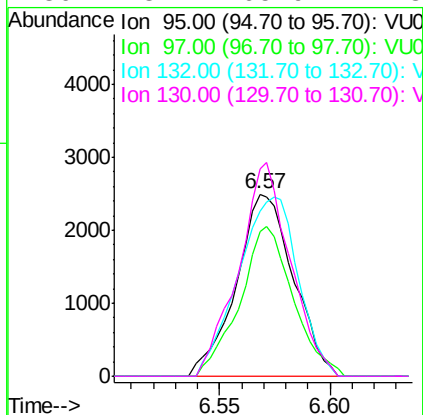
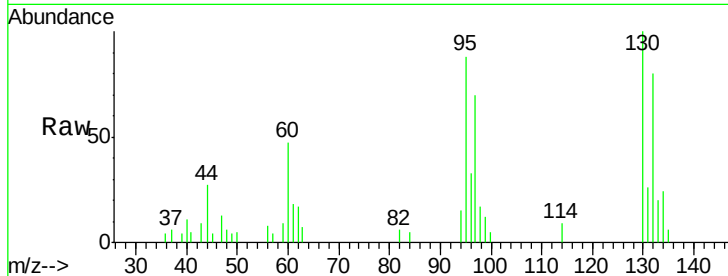




#34
 Trichloroethene
 Concen: 0.846 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
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Tot Ion: 95 Resp: 4476
 Ion Ratio Lower Upper
 95 100
 97 79.0 44.9 83.5
 132 90.8 63.2 117.4
 130 113.7 65.9 122.3



#46
 Tetrachloroethene
 Concen: 1.546 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU037965.D
 Acq: 30 Apr 2020 21:49

Tgt Ion: 164 Resp: 5972
 Ion Ratio Lower Upper
 164 100
 129 88.2 68.4 127.0
 131 96.8 65.7 122.1
 166 139.5 86.7 161.1

